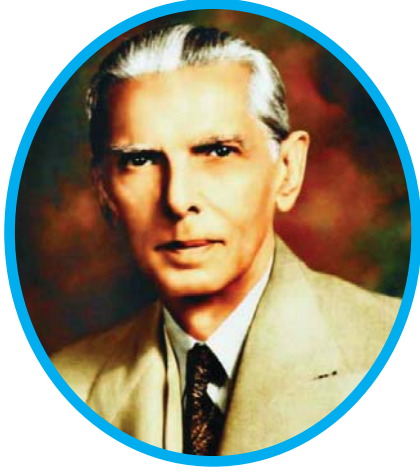


**Government College University Faisalabad**  
*Prospectus 2020*

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



My young friends, I look forward to you as the real makers of Pakistan, do not be exploited and do not be misled. Create amongst yourselves complete unity and solidarity. Set an example of what youth can do. Your main occupation should be in fairness to yourself, to your parents, in fairness to the State, to devote your attention to your studies. If you fritter away your energies now, you will always regret.

Quaid-e-Azam Muhammad Ali Jinnah  
(Islamic College, Peshawar - 12th April, 1948)



اُس قوم کو شمشیر کی حاجت نہیں ہوتی  
ہو جس کے جوانوں کی خودمی صورتِ فولاد

Dr. Allama Muhammad Iqbal  
(Zarb-e-Kaleem)

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# Chancellor



**Chaudhry Muhammad Sarwar**  
**Governor Punjab**

# Chief Minister



**Sardar Usman Ahmed Khan Buzdar**  
**The Chief Minister of Punjab**

## **Pro-Chancellor**



**Raja Yassir Humayun Sarfraz**  
**Education Minister Punjab**



## **Vice Chancellor**



**Prof. Dr. Shahid Kamal**  
**Vice Chancellor, Government College University Faisalabad**

## The City of Faisalabad

Faisalabad, the Manchester of Pakistan is one of the first planned and systematic cities in the sub continent envisaged by the British Government, after the name of Sir James Lyall. Lyallpur was the first name ascribed to this fertile land of Sandal Bar. The unique bond present between the sister countries Pakistan and Saudi Arabia paved the way to rename the city after the name of our friend, late King of Saudi Arabia, King Faisal. The City is catering to the needs of more than six million people. Agriculture and industry remains the hallmark of Faisalabad with a powerful and ever developing thrust in these sectors. Faisalabad International Airport, Faisalabad Dry Port and Industrial Zone linked with the Motorway are facilitating this hub of industrial activities.

The historical Clock-Tower with Eight Bazars designed after Union Jack, presents a magnificent example of town planning located in the province of Punjab to the west of Lahore, the provincial capital. With the proper infrastructure, road linkages Faisalabad serves as an example as district, as division and as a city for the developing world. The Faisalabad International cricket and hockey stadiums host international matches. The city has produced great leadership in the fields of politics, commerce, education, health, sports, agriculture, economy, bureaucracy and biotechnology.





## **History & Introduction**

Government College University, Faisalabad has emerged as a leading center of learning and research in a short span of time. The University with its dynamic faculty and innovative syllabi has become a catalyst of intellectual, social and industrial change. It caters to the diverse needs of society by imparting education in almost all the major fields of learning.

The Government College University's journey started as a primary school in 1897 in the present building of Government College for Women, Karkhana Bazar, Faisalabad. It was promoted to High School and Intermediate College in 1905 and 1924 respectively. It was elevated to the degree level in 1933 and postgraduate disciplines were introduced in 1963. The long journey that started with the humble beginning reached its climax when it was granted the status of University in October 2002.

The Government University, Faisalabad has a long history of excellence and distinction as an institution. Renowned scholars and eminent personalities have served this institution in various capacities at various stages of its history. It has produced outstanding personnel who have earned great fame not only for themselves but also for the nation.



Prof. Dr. Shahid Kamal is a well renowned, internationally acknowledged name in the field of Statistics. He has earned his PhD in Applied Biostatistics from the University of Exeter, Devon, UK, and has teaching, research and administrative experience spanning more than 30 years encompassing Applied Biostatistics, Design and Analysis of Experiments, Regression and Econometrics, Business Statistics, Computer Applications & Programming and in diverse fields of Statistical Applications. He has served as Dean, Director, Principal, Professor at University of the Punjab, Lahore. He has developed many institutes and centres including Operation Research Centre and Statistical Databank. He has initiated many master degree programs at University of the Punjab. He is the author of two books and has contributed a great number of research articles in reputable national and international research journals. He has supervised many research scholars at MPhil and PhD levels. He hails from a well-known educational family of Pakistan. He has joined as the Vice Chancellor of Government College University Faisalabad on July 24, 2019.

**Prof. Dr. Shahid Kamal**  
**Vice Chancellor**

## The Message

Government College University Faisalabad is a dynamic seat of learning aspiring to provide highly stimulating and conducive academic environments for quality research, formal education and professional growth. In the recent years, the university has achieved phenomenal success in research contribution and in improving the quality of education which is reflected through the meteoric rise of the institution in HEC ranking from 59th to its 7th position, resulting in growing confidence of civil society and business community of the region.

This university is striving for academic and cultural excellence by living upto the international standards of education. We offer innovative syllabi encompassing the latest trends and approaches in the fields higher education. Our curricula inculcate creativity, objectivity and critical thinking, impart values of commitment and singleness of purpose to learning and professionalism and promote confidence, adaptability and high level communication skills in students to ensure success of our graduates in this highly competitive and challenging global world order.

We are for inter-disciplinary approach and social cohesion. We offer a wide range of courses in the fields of Natural and Physical Sciences, Information Technology, Engineering, Food and Home Sciences, Law, Pharmacy, Management and Business Sciences, Humanities, Social Sciences, Fine Arts, Bioinformatics & Biotechnology and Medical Sciences in addition to others to cater the diverse needs of social and industrial sectors of this region.

Government College University Faisalabad is deeply engaged in the challenging task of developing well-equipped labs to produce quality research in every field and in establishing a proper liaison with market and industry to ensure job opportunities for skilled graduates and young professionals. Our academia and administration place special emphasis on building an inclusive community based on inter-cultural and inter-faith harmony to produce an environment that is safe and friendly by making education a way forward to social and communal harmony and tolerance. You will find highly qualified faculty in this University dedicated to provide you excellent opportunities for intellectual and social growth.

The University comprises beautiful buildings and grounds which promise a variety of healthy, congenial and intellectually transformative opportunities necessary for nation building. This University ensures a successful and bright career for its students. It is hoped that this University will earn more laurels in future by responding to the needs of society and market. Furthermore, you are welcome to experience lively opportunities that Government College University Faisalabad offers. You are here to join a vibrant community of students, researchers, friends, teachers, mentors and intellectuals to discover your potential and abilities for creative learning.





## Offices of the University



## Office of the Vice Chancellor

Ph: Old Campus: 041-9200670, New Campus: 041-9203000, Fax: 041-9200671  
Email: vc@gcuf.edu.pk

### Mr. Faisal Waseem

Admin Officer / PS to Vice Chancellor  
Email: adminofficertovc@gcuf.edu.pk

### Mr. Qasim Naveed

Senior Clerk

### Mr. Atif Shahzad

Junior Clerk



## Office of the Registrar

Ph: 041-9201266, 9201495  
Email: registrar@gcuf.edu.pk



The Registrar is a whole time Officer and the Custodian of the Common Seal and the academic records of the University. Registrar maintains a register of registered graduates at University and is the secretary to the Syndicate, the Academic Council, the Selection Board, and the Advanced Studies Research Board. Also performs such other duties as may be assigned by the Vice Chancellor.

The Office of Registrar at Government College University, Faisalabad (GCUF) collaborates and provides necessary support to other organs / stakeholders of the University i.e. students, teaching faculty, administrative staff and public in general.

A vast array of services provided by the Office of Registrar, which includes:

- i) Registration of the students
- ii) Degree verification/attestation
- iii) Monitoring internal and external affairs of the University
- iv) Recruitment, employment and development of employees
- v) Policymaking, record keeping and management of day to day affairs
- vi) Award of scholarships and provision of financial aid to the needy students
- vii) Governance and implementation of curricula, academic standards and policies
- viii) Organizing and keeping record of meetings of the University Statutory Bodies



ix) Maintenance of Employees record and management of employees' personnel files.

The efficient schemes of services for the wellbeing of employees and students are possible through the dedicated, professional and disciplined Officers and Staff. The team of the Registrar Office is well conversant with the knowledge of rules,

regulations, services statues, policies and practices governing at Government College University, Faisalabad. All the members of the team are open, welcoming and accommodative and they perform their duties with honesty and commitment to ensure organizational integrity, human dignity, and professional confidentiality.

## Staff

**Mr. Ghulam Ghous**  
Registrar

**Mr. Muhammad Ayub**  
Additional Registrar,  
Registration / Director Administration

**Mr. Muhammad Asif Latif**  
Additional Registrar  
Academics / University Attorney

**Mr. Muhammad Nadeem Saeed**  
Deputy Registrar  
Personnel Branch

**Ms. Saima Parveen**  
Assistant Registrar, Students' Financial Aid Office

**Mr. Tanveer Ali Rana**  
Assistant Registrar, Establishment Branch

**Mr. Zeeshan Nawaz**  
Assistant Registrar, Academics Branch

**Mr. Abdul Hannan Amjed**  
Assistant Registrar, Registration Branch

**Mr. Muhammad Shahid**  
Assistant Registrar, Recruitment Cell

**Ms. Rehana Sattar**  
Assistant Registrar, ACR

**Mr. Muhammad Murtaza**  
Assistant Registrar, Registration Branch

**Mr. Taimoor Nawaz**  
Assistant Registrar, Degree Verification Cell

## Office of the Treasurer

Ph: 041-9200035, 041-9201573  
Email: treasurer@gcuf.edu.pk



### Vision

To deliver the quality oriented financial support services to the university faculty, students and administration by ensuring an efficient, economic and transparent financial management and reporting system.

### Introduction

The Treasurer's Office established under Article 15 of the Government College University Faisalabad Ordinance 2002 (Amended Act 2004) has the mandate to:

1. Manage the property, finances and investments of the University
2. Prepare the annual and revised budget estimates of the University and present them to the Finance and Planning Committee and Syndicate
3. Ensure that the funds of the University are expended on the purposes for which they are provided

Besides the primary responsibility of management of the university's financial assets and liabilities, this office performs other functions like:



- I. Maintenance of Books of Accounts and recording all the financial transactions on Modified Cash based system of Accounting in compliance with NAM (New Accounting Model of AGP) and Government of the Punjab
- II. Manage the collection of fees via cash management modules by bank on real time basis
- III. Manage Payroll and employee's funds of the university.
- IV. Efficient disbursements to all the stakeholders in the light of prevailing rules

**Mr. Nadeem Mushtaq**  
Treasurer

**Mr. M. Farhan Iqbal**  
Deputy Treasurer

**Mr. Mazhar Wasim**  
Deputy Treasurer

**Mr. Atif Ahmad**  
Deputy Treasurer

**Mr. Muhammad Azhar**  
Assistant Treasurer

**Dr. Faisal Asghar**  
Assistant Treasurer

**Mr. Muhammad Nauman**  
Assistant Treasurer

**Mr. Mati ur Rehman**  
Assistant Treasurer

**Mr. Qammer Bahadur**  
Assistant Treasurer

**Mr. Nasir Shah**  
Assistant Treasurer





### Mission

Ensuring standards of quality at Under Graduate, Graduate and Postgraduate levels, while enforcing prescribed rules and regulations of Semester and Annual Examination through reliable testing and evaluation procedures with zero tolerance towards unfair and inefficient practices in the Conduct of Examinations.

### Introduction

Examinations Department has a state of the art, reliable & transparent technological efficient and credible examination system to produce qualified and motivated professionals. Hence caters the need of the student body effectively, ensuring reliable testing and evaluation produced by the with zero tolerance towards unfair and inefficient practices. The Examinations team of this University is fully committed to contribute its visionary role for ensuring transparent and judicious assessment and providing eminence services to all stake holders though fool proof mechanism coupled with standard operating procedures devised for examination activities adhering to Rules & Regulations of GCUF and guidelines of HEC.

The office of the Controller of Examinations is the custodian of students' examinations records. This office deals with the

matters of students of University, Sub Campuses, Public and Private Affiliated Institutions / Colleges pertaining to Conduct of Examinations, Notification of Results, Issuance of Detailed Marks Sheets, Provisional Certificates & Verification of Transcripts and Degrees.

Following major tasks are carried out as laid down:

- To prepare and announce the calendar of examinations.
- To manage the examinations as per requirements
- Arrangements for external examiners for paper setting and evaluation of answer scripts
- Conduct of examinations / administration of assessments
- Making arrangements of answer scripts from examiners
- Implementation of decisions of hardship cases committees, unfair means committee and discipline committee
- Maintaining strict secrecy while discharging of official work
- To provide uniformity of standards attained by students of different institutions
- Preparation of results, notifications, transcripts and degrees
- Holding of Annual Convocations

### Staff

**Mr. Shahid Javed**  
Controller of Examinations

**Mr. Jaweed Anjum**  
Additional Controller of Examinations

**Mr. Abdul Mannan**  
Deputy Controller of Examinations

**Mr. Zehsaan Ahmad Khan**  
Deputy Registrar/ Deputy Controller of Examinations

**Mr. Asam Ismail**  
Deputy Controller of Examinations

**Dr. Mehran Arshad Khan**  
Assistant Controller of Examinations

**Ms. Asma Rafiq**  
Admin Officer / Assistant Controller of Examinations

**Mr. Hassan Mahmood**  
Computer Programmer / Assistant Controller of Examinations

**Mr. Mohsin Murtaza**  
Admin Officer / Assistant Controller of Examinations

**Mr. Naveed Iqbal**  
Admin Officer / Assistant Controller of Examinations

**Mr. Awais Saleemi**  
Assistant Controller of Examinations



## Mission

To serve the nation by reducing the gaps between labs and society through innovation and commercialization.

## Introduction

The University implemented R&D policy to inculcate research culture and to increase the research productivity. ORIC has been established at GCUF in line with the guidelines of the HEC for coordination, implementation, research support services and promotion of HEC R&D policy in April 2009 (Directorate of Research). The motivated GCUF-ORIC team is committed to extend all possible facilitation and assistance to solicit research plan under R&D projects funded by HEC and other national/international funding agencies, and to encourage every single innovation which stimulates the country's economic benefits. This office is also creating research opportunities for academia and scholars at all levels to directly engage them with industry to create more competitive businesses and an innovative environment.

## Activities at ORIC

1. To strengthen the Research & Development and Commercialization of innovative ideas at GCUF.
2. Building national and international professional network through exchange programs
3. Bridging Academia-Industry Linkage for effective technology transfer
4. Training and motivation of faculty through in-house professional trainings
5. Protecting Intellectual Property (IP) Rights of the researchers
6. To establish and implement Internal Compliance Program (ICP) in the university
7. Establishing Entrepreneurial Ecosystem to launch and promote Start-ups in the Business Incubation Center (BIC)
8. Promotion of research culture through internal Research Support Programs and Research Productivity Allowances



## Staff

**Dr. Khalid Mahmood Zia**  
(Director ORIC)

**Prof. Dr. Salma Sultana**  
Manager External Linkages

**Dr. Asim Mansha**  
Manager Research Operations (Sciences)

**Dr. Rizwan ullah Kokab**  
Manager Research Operations (Social Sciences)

**Dr. Nudrat Aisha Akram**  
Manager TISC

**Dr. Muhammad Imran Arshad**  
Manager Research & Development, Sciences

**Dr. Syed Asif Ali Naqvi**  
Manager Research & Development, Social Sciences

**Dr. Aamir Abbas**  
Manager I P Rights & Legal Services

**Dr. Muhammad Yasir Javed**  
Manager University Industry Linkages

**Mr. Syed Afraz Gillani**  
Manager Business Incubation Center

**Mr. Kashif Zafar**  
Research Associate

**Mr. Zahid Mahmood**  
Senior Administrative Assistant

**Mr. Hassan Raza**  
Administrative Assistant

**Mr. Umar Naseer**  
Research Officer

## Research and Development: GCUF Research Projects Database

Research and Development Cell develops programs and Faculty of GCUF had won 65 research grants in the year 2018-19 and stand at the top position in higher education institutes of Punjab in year 2019 by winning 65 research projects of NRPU HEC and kept his record of being top most in Punjab among NRPU winners 2016-17. In the year 2019-20 again many projects were won by our faculty from several national and international funding agencies. Not only sciences but social sciences faculty also got many top cutting edge grants for their valuable proposals. Furthermore, our faculty member won research grants from joint research support programs of Pakistan Science Foundation (PSF) and Ministry of Research and Technology of Iran, Turkey, Japan and China. The research funding's quenched by GCUF faculty is exponentially increasing every year and exploring new horizons.

## Research grants from GCUF-Funds

Researchers of GCUF are not only funded by the external national and international funding agencies rather in the year 2016, ORIC had mediated the Vice Chancellor's Initiative to launch an indigenous Research Support Program (RSP) to promote the research culture in GCUF by providing research grant to GCUF-faculty members, for which seed money of worth PKR 10.0 million was allocated. Where, the said was meant to support the innovative research ideas of faculty irrespective of the discipline including sciences, social sciences and arts and humanities. These 100 projects were successfully completed with all formalities.

## Research Operations Cell: GCUF Publications Database

Research operation cell is responsible to oversee all aspects of the ORIC research administration (budgeting, auditing and accounting, management and maintenance of facilities and equipment, implementation of research contracts and human resources). Publications play pivotal role in international and national rankings (HEC university ranking). The ORIC has prepared a "Publication Database" to record all published work in reputed national and international journals of the researchers of GCUF. Where, the database calculates impact factors of individual researchers, departments, and the faculties of GCUF to give fair credit to researchers/ departments/faculties for achievements of GCUF. The ORIC office has separate Managers for Research Operation; one is dealing all sciences and engineering faculties and the second

one for all arts, social sciences, oriental and business faculties. The publications in the year 2019-20 were above six hundreds with contributions to prestigious peer reviewed impact factor journals. The journals run by the university in social sciences are also improving day by day.

## University-Industry Linkages and Technology Transfer

The ORIC promotes public-private partnership to support to link research-innovation-commercialization triangle. Effective cooperation between institutions and industry is for mutual benefit depending upon the nature and ability of both to contribute to each other's activities. Entrepreneurs and business leaders can contribute as mentors and can offer their expertise in development of entrepreneurship courses and subjects aligned with the needs of that specific industry. At national level, we are working in close collaboration with Saffron Pharmaceutical Industries, Ltd, Rafahan Maize Products Ltd., Power Chemicals Ltd., BioTek Ltd, Lahore, Printex Traders, Haris Dyes and Chemicals, Ali Textiles, Ltd., Kausar Proceing Ltd., Masood Textiles Ltd., etc. Faculties of Pharmacy, Institute of Home and Food Sciences and Department of Chemistry and Applied Chemistry have very strong collaborations with many local industries in terms of sharing resources, training manpower and research & development.

## Internal and External Linkages

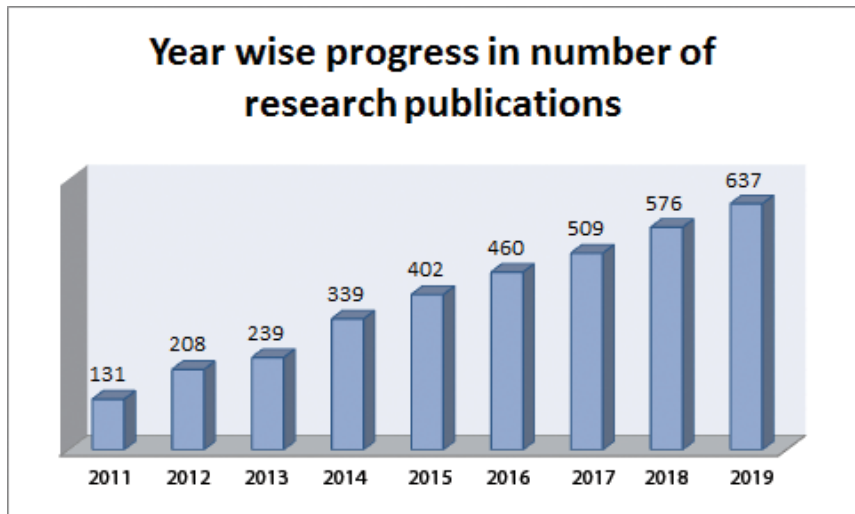
The ORIC has contributed the signing of more than 46 MOUs

of GCUF with national and international world-renowned universities. Among national institutes, we have built strong working relationship with higher learning institutions, industries and donor agencies especially NIAB, NIBGE, UAF, HEC, PSF, PARB, PARC, PCSIR and several international organizations including British Council, USDA, JICA, CIDA, to enhance entrepreneurship, academic and research excellence. A brief of linkages is given as under:

- International MoUs: 32
- National Linkages 51
- International Linkages 36
- Industrial Linkage 38

## Intellectual Property (IP) Policy and Legal Services

IP Policy creates a supportive environment for the achievement of best practice management in the application and commercialization of IP developed within the institute for the benefit of the people of Pakistan and the world at large. The purpose of this policy will be to clarify how intellectual property is to be managed by the institute. The IP Policy states position in relation to intellectual property and informs on fundamental steps that lead to the proper management, protection and/or commercialization of intellectual property. This policy is to be followed by all faculty members, researchers as well as students and the research and academic institutions with which the institution concerned may enter into agreements. ORIC-GCUF facilitates the faculty providing IP rights and legal services.



## Vision

To create the environment for business initiative for sustainable economic growth of the country.

## Mission

To enable each person of the society to take responsibility for effective contribution in economic stream of the country. We want to provide complete business support to business starter to reduce the failure chance and increase the success rate through mature mentor-ship program.

## Introduction

To enable each person of the society to take responsibility for effective contribution in economic stream of the country. We want to provide complete business support to business starters of Faisalabad to reduce the failure chance and increase the success rate through mature mentor-ship program. BIC GCUF consists of 20 Offices for the business incumbents which have all of the basic needs provided for the young entrepreneurs. Not only this, these incumbents are trained, guided, nurtured and mentored by the industry professionals and BIC GCUF team in order to provide them best resources and funding opportunities as well. Vice Chancellor has a clear vision about BIC and its role in society. His nonstop able support makes this BIC team stronger and make them able to work productively.

## MOU Signing with National Institute of Banking and Finance (NIBAF) with Coordination of BIC, GCUF

This Memorandum of Understanding is made and executed at GCUF, Faisalabad, on 12 Feb, 2020 between the State Bank of Pakistan through its body National Institute of Banking and Finance (NIBAF) and Government College University, Faisalabad, through its Vice Chancellor.

### PREAMBLE AND MAIN OBJECTIVES

The State Bank of Pakistan (SBP) is incorporated under the State Bank of Pakistan Act, 1956 (the Act), which gives SBP the authority to function as the central bank of the country. The Act mandates SBP to regulate the monetary and credit system of Pakistan and to foster its growth in the best national interest with a view to securing monetary stability and fuller utilization of the country's productive resources. Whereas National Institute of Banking and Finance (NIBAF), a subsidiary of SBP,

is a premier training institute for central bankers, commercial bankers; micro and rural finance providers, and management professionals. NIBAF's credibility is well recognized for conducting both local and international training programs and information dissemination activities such as conferences, seminars, and workshops. Since its inception, it has played a pioneering role in the sphere of banking education and training, both in catering for the training needs of SBP as well as of the banking industry. In order to achieve the said objective. The National Financial Literacy Program for Youth (NFLP-Y) has been launched by SBP through National Institute of Banking and Finance (NIBAF). The basic aim of the program is to impart essential financial education to Pakistani youth and school going children for strengthening of their money management skills and understanding of financial matters. The program will mainly target three age groups (School going Children-age 9-12 years; Adolescent - age 13-17 years; Youth – age 18-29 years) across 45 selected districts of Pakistan including GB & AJK. NIBAF aims at reaching out to 1.6 million children, adolescents and youth through classroom trainings and digital learning platform during five years i.e. 2018 – 2023.

WHEREAS, mutually agreed collaboration between both the parties and the purpose of this MOU is to establish cooperation between the Parties mainly for conducting investor education seminars for the enrolled students and to build the capacity of the Second Party through Train the Trainer program for its Faculty Members.

## MoU Signing with German University

The Hochschule Bonn-Rhein-Sieg, University of Applied Sciences, and the Government College University of Faisalabad, Pakistan, have recently entered into an agreement of cooperation in teaching, research, development and areas of Entrepreneurship development and startups. The two universities agree to cooperate over the full spectrum of their interests with specific agreements governing individual subject areas. The cooperation will chiefly be concerned with:

- Exchange of hosting visiting academic, technical and administrative staff
- Exchange of students on undergraduate programs to secure foreign experience
- Establishment of direct data links and other electronic communication
- Publication of joint papers and technical communications on collaborative work
- Organization of conferences, seminars and workshops for dissemination of findings
- Certification of study programmes for recognition in the partner institution
- Each host institution will assist in locating accommodation for staff and students who are participating in exchange programs.



## Lincoln Corner

Ph: 041- 9237005  
Email: lc.faisalabad@lincolncorner.net



### Introduction

Lincoln Corner Faisalabad, a joint venture of U. S. Consulate General, Lahore and Government College University, Faisalabad is a center of learning, innovation and knowledge. Richard Olson, American Ambassador in Pakistan, inaugurated LC on 21/01/2014 with the objectives of promoting cultural harmony, imparting quality education and developing reading culture in the youth of the city. The center serves as a window to American art, culture science and technology. The Corner is also a great source for current, accurate and authoritative information about the United States--its people, culture, history, policies, government and institutions. Furthermore, the Space promotes learning and dialogue by conducting weekly activities and programs based on five core areas: English Language Learning, Education USA Advising, Alumni Support, Cultural Programming, and Information about America. The Center has the following resources and services:

### Resources

1. Latest books and magazines
2. eLibraryUSA
3. US Govt publications
4. Comfy space
5. Online Education and research resources
6. High speed internet
7. Lectures, seminars, performances and presentations

### Services

1. English language classes
2. eLibraryUSA guidelines
3. Movie-screenings
4. Webinars and Skype lectures
5. Cultural programs
6. Fulbright and GRE orientations
7. Foreign scholarship awareness drives
8. Makie-Makie classes
9. Book reading club
10. Art and craft classes
11. CSS Club
12. IEEE lectures and Tech talks
13. Media Club
14. LCF Friends of Corner Group

### Team

**Prof. Dr. Shahid Kamal**  
Patron

**Prof. Dr. Mazhar Hayat**  
Executive Incharge

**Kanza Umer Khan**  
Incharge

**Dr. Ali Usaman Saleem**  
Co-Incharge





## Mission

The Students' Financial Aid Office is primarily responsible for providing all informations, services, and assembling financial resources that are available to and/or needed by students who are attending Government College University in order to obtain an undergraduate or graduate degree.

## Vision

The Students' Financial Aid Office (SFAO) is an integral part of and partner in carrying out and actualizing Government College University's overall purpose and strategic planning. The fundamental purpose of the financial aid program is to make education possible for students who might otherwise be deprived of this higher education opportunity due to inadequate funds and /or previous limited educational opportunities.

## Goals

1. Establish essential manual and automated processes to support awarding financial aid in a timely manner.
2. Award financial assistance to qualified students, according to institutional and Govt requirements and with a focus on individual student needs.
3. Establish regular communication flow between the SFAO and the students/parents.
4. Provide individual student/parent assistance in completing necessary applications and managing personal resources as they are needed to augment financial assistance in covering educational expenses.

## Introduction

For smooth implementation of scholarship programs, a separate Student Financial Aid Office (SFAO) was established in Government College University, Faisalabad in collaboration with Higher Education Commission, Islamabad in 2007. The SFAO is being supervised by Ms. Saima Parveen, Assistant Registrar/ Incharge (SFAO) acts as a Focal Person for the distribution of various scholarships offered by HEC and other agencies. There are number of scholarships available to assist students with their educational expenses on need and merit basis. In addition to the above Financial Aid, Committee has been constituted by this University for the evaluation and approval of the applications submitted by the students for financial aid. One window service is also being provided to the students to avail the scholarship facilities in the Students' Financial Aid Office.

## Scholarships available in GCUF

1. HEC Needs Based Merit Scholarship
2. Punjab Educational Endowment Fund (PEEF)
3. Chief Minister Merit Scholarships (CMMS)
4. Prime Minister's Fee Reimbursement Scheme for Less Developed Areas Ph.D students only
5. The Pakistan Scottish Scholarship Scheme (PS3)
6. Karwan-e-Ilam Foundation
7. Killa Gift Fund Trust
8. Punjab Zakat Department (MORA)
9. District Council Internal Merit Scholarships of Punjab Districts.
10. Pakistan, Bait-ul-Mal
11. Fauji Foundation Scholarship
12. Sitara Group of Chemical Merit Scholarship
13. National Bank Loan Scheme
14. Financial Assistance from University Zakat Fund
15. Prof. Ehsan Merit Scholarship (Physics Deptt)
16. Prof. Asmat Ullah Khan Merit Scholarship (Urdu Deptt)
17. Dr. Muhammad Nawaz Merit Scholarship (Pharmacy Deptt)
18. HDF-THANKS Scholarship # 7 "Mansur Ahmed"
19. Mukhtar Feeds Pvt. Ltd.
20. Engro Foods Pvt. Ltd.
21. Corn Rafhan Maiz Scholarship
22. Agro vision Scholarship
23. Ehsas Scholarship Undergraduate Program Scheme

## 24. Punjab Educational Endowment Fund (PEEF)

is an initiative of the Government of the Punjab . It is established with the objective of providing scholarships/monetary assistance to talented and needy students to Bachelor and Master level students.

## 25. Chief Minister Merit Scholarships (CMS)

The Punjab Educational Endowment Fund (PEEF) has launched a new Master's Level Scholarship program under the title "Chief Minister Merit Scholarships (CMMS)". Fully funded scholarships offered to meritorious students studying in top ranked universities / degree awarding institutions of Pakistan.

## 26. HEC Needs Based Scholarship

Higher Education Commission, Islamabad, is also providing Need Based Scholarships i.e HEC Need Based Merit Scholarship for needy students to the students of Basic Sciences and Social Sciences at Under Graduate & Graduate level.

## 27. Killa Gift Scholarship

The Killa Gift Fund Trust awards scholarships to the students who or whose parents own agricultural land in Faisalabad District.

## 28. Internal Merit District Scholarship

This is a merit based scholarship offered by the District Education Officers of the concerned Districts from where a student has obtained his/her last educational certificate/degree.

## 29. Pakistan Bait-ul-Mal

Pakistan Bait-ul-Mal provides funding for the payment of University and Hostel dues to the meritorious and needy students to meet their educational expenses.

## 30. The Student Advancement Endowment Fund (SAFE)

PEP Foundation made an initial donation to the University to support the principal of SAFE. SAFE account will be utilized only for the sole purpose of awarding scholarships to needy students and for capacity building projects/programs for the direct benefit of students. The funds will be treated as endowment principal money and will not be used for any other purposes under any circumstances.

**Students received any other financial assistance/scholarship and admitted on bench fee cant' apply for another scholarship.**



## Office of the Estate Care

041-9201167, 041-9203025  
estate@gcuf.edu.pk



### Vision

To operate and manage the University Estate such that it is clean, comfortable, maintained and sustainable place for students, teaching and non-teaching staff and visitors.



### Mission

To deliver high quality estate and support services which fulfil the needs and aspirations of students and staff.

We are striving to provide wide range of co-ordinated services to create an environment which supports the University academic mission. Our aim is to maintain and develop a clean and beautiful environment and to provide physical services in a professional, efficient and cost effective manner to enable the University to fulfil its mission.

### Staff

**Prof. Dr. Naeem Iqbal**  
Principle Officer Estate Care

**Mr. Malik Zaheer**  
Consultant Estate Care

**Dr. M. Sheraz Arahad Malik**  
Chairman Estate Care - I

**Mr. Mohsin Ali**  
Estate Officer - II



## Public Relations Office



Public Relations Office, Government College University Faisalabad coordinates and collaborates with the international and national print and electronic media. It covers the academic, research curricular, co-curricular activities of GCUF community in the media. It also issues press release keeping in view the stance of the institution regarding any query as and when required. The PRO office also maintains coordination among the academic and non-academic departments of the University and facilitates the general public regarding the steps taken by the University for the betterment of its community. The PRO also acts as the spokesperson for the institution. This office plays its pivotal role in developing and strengthening a strong bond of GCUF community with our media fraternity.

**Mr. Zeshan Ahmad Khan**  
Public Relations Officer

**Mr. Abid Ali**  
Assistant

**Mr. Naeem Sarwar Khan**  
Photographer

Ph: 041-9201038  
mediaconsultant@gcuf.edu.pk

## Office of Resident Auditor

Ph: 041-9201229



**Vision**  
To maintain transparent and effective Pre-Audit

**Mission**  
To deliver quality service for improving financial reporting in accordance with Standards under New Accounting Model (NAM) & to enforcing transparency and use of public resources.

### Staff

**Babar Hussain (PAAS)**  
Resident Auditor

**Muhammad Usman**  
Admin Officer

**Shahid Sultan**  
Research Officer

**Muhammad Idrees**  
Assistant



## Information Center

Ph: 041-9200886, 041-9200066  
info@gcuf.edu.pk

Information Center is working in the University with the mission to provide accurate information & guidance to the students and staff of the University as well as to the general public. A person can obtain any sort of public information like regular admissions, private admissions, available degree programmes/courses, vacation, enrollments, advertisements, affiliated colleges etc., during the Office Hours either through telephone, email or by visiting the center personally.

**Mr. Taimur Nawaz Cheema**  
Assistant Registrar





## Affiliation Cell

Ph: 041-9201292  
Email: affiliation@gcuf.edu.pk



The Affiliation Cell deals with the affiliation of colleges (Government/Private) with GCUF; within the jurisdiction of Province of Punjab. The Affiliation Cell makes all type of correspondence with the colleges regarding Affiliation, Registration returns etc. Furthermore, the summaries of visit reports of the Affiliation Committee are processed and notifications of affiliation are issued to the concerned Colleges after approval of the Competent Authority.

### Affiliation Committee

The Affiliation Committee is constituted under the provisions of Government College University, Faisalabad. Ordinance 2002. The Affiliation Committee visits the colleges who want to get them affiliated with Government College University, Faisalabad and submits its report to the Competent Authority regarding infrastructure, faculty, laboratories etc. for the grant of affiliation. The following are the members of Affiliation Committee.

**Prof. Dr. Asim Mahmood**  
(Convener)

**Prof. Dr. Muhammad Iqbal**  
(Member)

**Prof. Dr. Tayyaba Sultana**  
(Member)

**Prof. Dr. Mazhar Hayat**  
(Member)

**Prof. Dr. Muhammad Hidayat Rasool**  
(Member)

**Dr. Babak Mahmood**  
(Co-Opted Member)

**Mr. Zeshan Ahmad Khan**  
(Secretary)



## Career Counseling & Alumni Affairs

Ph: 041-9200880  
Email: careercounselling@gcuf.edu.pk



Career Counseling & Alumni Affairs (CCAA) serves as a permanent connection between students, alumnus and their alma mater. It offers career support for the students of the university. It provides vibrant and high quality services through counseling, consultation and

designed facilities for learning and well-being of students regarding their career. Moreover, it connects the outgoing students with the currently enrolled fellows to share their memories and success stories. It arranges Alumni Dinner, Career Seminars, Workshops, Meetings, motivational lectures and Awareness Drives. It aspires to strengthen the alumni by arranging alumni tours, sports, competitions and Workshops. It has two offices on both the campuses i.e. old and new to facilitate the students. Both the offices are situated in STUDENT TEACHER CENTRE. It registers the outgoing students through its portal and stamps the clearance form of every student of the university. It has registered more than 45 thousand students.

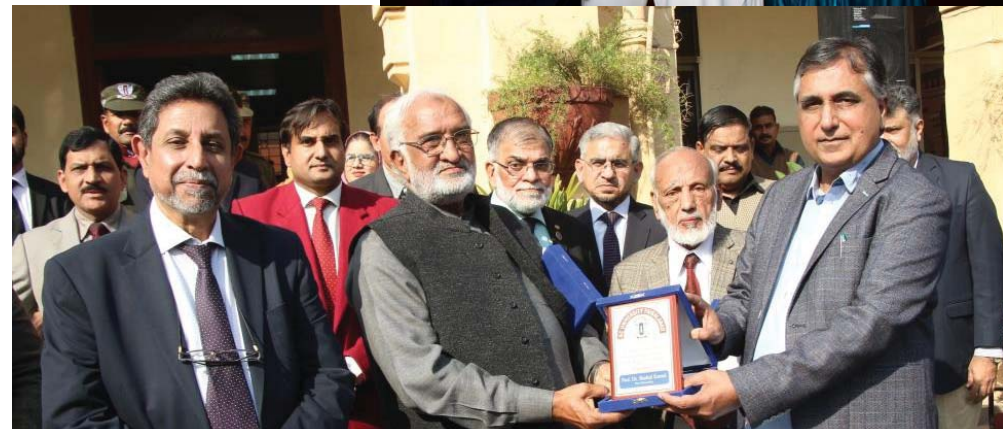
This office works to

- Assist students to achieve their dream jobs by training them for developing resumes, curriculum vitae, statement of purpose, letters, and interview skills
- Create a job search and provide its alumnus with jobs and internships
- Establish the bond between outgoing students and university

- Provide them with platform to share their memories with their fellows and new students
- Enable students to make enduring, accountable and significant choices in a global and vibrant world
- Enrich students with leadership qualities to serve the nation enthusiastically

**Prof. Dr. Mazhar Hayat**  
Director

**Ms. Sahar Javaid**  
Manager





## *Facilities & Services*



# Facilities & Services

## Library

Ph: 041-9201563  
Email: library@gcuf.edu.pk

Prof. Dr. Tayyaba Sultana (Coordinator Libraries)



### Mission

To achieve excellence in the provision and promotion of information services to meet the research, teaching and learning needs of the University.

### Goals

To promote intellectual growth and creativity by developing collections, facilitating access to information resources, teaching the effective use of information resources and critical evaluation skills and offering research assistance by providing excellent service to students and faculty that will advance each user's learning, teaching, and research experience at the Government College University Faisalabad

### Introduction

The University Libraries act as a gateway to information and knowledge and are engaged in learning and discovery as essential participants in the educational community. These help to develop, organize, provide access to and preserve materials to meet the needs of present and future generations of students and scholars. These provide well-equipped and functional physical spaces where students can pursue independent learning and discovery outside the classroom.

### Collections

The GCUF Libraries have about 93,400 books (volumes) and 5000 thesis in well organized manners consisting of rare editions, reference volumes, critical guides, latest releases, large collection of research journals, periodicals, magazines etc. and daily newspapers. We subscribe competitive journals from all over the world to meet the needs of students, faculty members and researchers. These libraries always welcome the students and teachers of the other educational institutions of the city with the permission of the competent authority.

### Organization of Materials

Dewey decimal classification scheme is being used for the classification of books. Anglo American Cataloging Rules

(AACRII) is followed in the cataloging process. Online cataloging process of the library material is in progress and the catalogue of about 51,700/ books is available online.

Most of the Libraries have open shelf system and users have free access to the library materials. Computers with access to library resources and the Internet facility are available in all the libraries. Research access is available to all university community in the form of catalogs, licensed library resources and websites. The rules and regulations of the library use are available on the University website.

Lincoln Corner Faisalabad, a joint venture of U. S. Consulate General, Lahore and GCUF was inaugurated by Richard Olson, American Ambassador in Pakistan, on 21/01/2014 with the objectives of promoting cultural harmony, imparting quality education and developing reading culture in the youth of the city. The Corner is a great source for current, accurate and authoritative information about the United States--its people, culture, history, policies, government and institutions. Furthermore, the Space promotes learning and dialogue by conducting weekly activities and programs based on five core areas: English Language Learning, Education USA Advising, Alumni Support, Cultural Programming, and Information about America. The Center has the following resources and services.

1. Latest books and magazines
2. eLibrary USA
3. Online Education and Research Resources
4. High Speed Internet & Comfy Space
5. English language classes
6. Movie-screenings, Webinars and Skype lectures
7. Cultural programs and Art and craft classes
8. Fulbright and GRE orientations
9. CSS Club and IEEE lectures and Tech talks
10. CF Friends of Corner Group

### Name of Libraries

1. Main Library (H-Block)
2. Main Library (New)
3. Basic Sciences Library
4. Education Departmental Library
5. Engineering and Computer Science Division Library
6. Art & Design Departmental Library
7. Geography Departmental Library
8. Law Departmental Library

9. Pharmacy Departmental Library
10. Psychology Departmental Library
11. Quaid-e-Azam Block Library
12. University Community College Library
13. Zoology Departmental Library

### Library Staff

**Mr. Muhammad Tariq Latif**  
Sr. Librarian

**Mr. Sakhawat Ali**  
Lecturer/Sr.Librarian

**Mr. Muhammad Ashfaq**  
Sr. Librarian

**Miss Anila Shamim**  
Sr. Librarian





## Mission

To provide, maintain and manage the IT infrastructure of the University and Sub-Campuses and to facilitate all the departments in educational and training activities relevant to Information Technology. The following facilities are available at the campus

## Campus Management Solution

Designed to promote paperless university administration. It is unique and comprehensive software. Its features allow users to maintain academic history of students with complete transparency in records and provides a medium for teachers, staff and administration to work in harmony.

- Admin Portal
- Dean, Chairperson & Faculty Portal
- Student Portal
- Examination Portal
- Registration Portal
- Hall Council Portal
- Distance Learning Education Portal
- Layyah & Sahiwal Subcampus Portal
- Fee Portal
- DSA Portal
- Online Admission, Attendance, Results
- Online Salary Slips
- University Community College Portal
- Affiliated Colleges Portal

- Student & Faculty ID Cards Printing

## Video Conferencing

The University Video Conferencing provides the facility to take online lectures, seminars, conferences, thesis defence from both national and international universities.

## Digital Library

To facilitate research in the University, HEC has provided access to digital libraries. A programme has been formulated to provide researchers and students with access to latest, authentic literature from high quality journals, database and articles covering a wide range of disciplines.

## Digital Book Bank (dl.gcuf.edu.pk)

The University digital book bank is developed through the sole effort of University's IT Services Department. It contains over 25000 e-books for different fields of interest, downloadable software and virtual lectures videos.

## Wireless and Wired Internet Facility

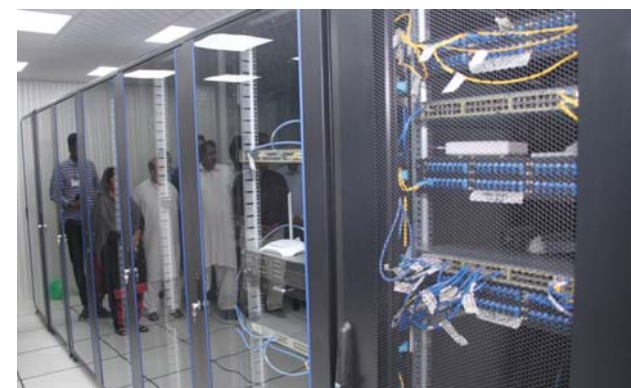
The University has the credit of being the first university using hi-end intelligent Wi-Fi system. The wireless setup comprises modern state of the art technology which is both robust and resilient. The IT Services Department provides 24/7 internet access.

## Future Plan

With the kind directions of worthy Vice Chancellor, IT Services has planned to establish state of the art Data Centre, Video Conference Halls along with complete IT infrastructure at New Campus GCUF which will enable all the academic and administration to utilize the IT Services. A contract between PERN, HEC and GCUF has been signed to provide internet connectivity at new campus.

## Staff

Mr. Abdul Qaddus	Incharge IT Services
Mr. Moeen Qureshi	Network Administrator
Mr. Karim Jawad	Lab Engineer
Mr. Mohsin Ali	Network Engineer
Mr. Asad Ali	Assistant
Mr. Waqas Khursheed	Technition
Mr. Muhammad Saleem Sajjad	Technition
Mr. Nadeem Riaz	Technition



# Facilities & Services

## Central Hi-Tech Lab

Ph: 041-9203013  
Email: chtl@gcuf.edu.pk



### Introduction

Central Hi-Tech Lab has been established in Iqbal Block in 2014 at New Campus, Government College University Faisalabad. Central Hi-Tech Lab provides the opportunity to the scientists, researchers, students from Government College University, other Universities and R & D sections of the industries and non-government

organizations for analysis in the field of biological, material, chemical and physical sciences.

### Objectives

The main objectives of the Central Hi-Tech Lab are

- to provide assistance to promote scientific research in the university and other private organizations
- to provide platform for faculty members, researchers and students for hand-on trainings on different state-of-the-art instruments.

### Administration and Staff

#### Prof. Dr. Shahid Kamal

Executive Director/Vice Chancellor

#### Dr. Abdullah Ijaz Hussain

Director/Associate Professor of Chemistry



### Hi-Tech Staff

#### Dr. Qasim Ali

Chromatographic & Spectroscopic Section  
Assistant Professor of Botany

#### Dr. Muhammad Jawwad Saif

Material Testing Section  
Assistant Professor of Applied Chemistry

#### Dr. Adnan Ali

X-Ray Diffraction Section  
Assistant Professor of Physics

#### Dr. Ali Imran

Elemental Analysis  
Assistant Professor of Food Science

#### Dr. Mahmood Ur Rehman Ansari

Molecular Biology  
Assistant Professor of Bioinformatics & Biotechnology

#### Engr. Moazzam Mahmood

Deputy Director

#### Engr. Tallataf Rasheed

Research Officer

#### Ms. Sana Javaid

Research Officer



### Facilities Available

#### Chromatographic Section

(GC-MS/MS (Triple Quadruple), HPLC, GC-FID, Amino Acid Analyzer)

#### Spectroscopic Section

(FTIR and UV-Vis Double Beam Spectrophotometers)

#### Crystallography Section

(XRD Powder, XRD Single Crystal)

#### Elemental Analysis Section

(AAS, ICP-OES, Elemental Analyzer, CNS Analyzer)

#### Material Science Section

(Rheometer, DMA, DSC-TGA, Shear Tester)

#### Molecular Biology Section

(Thermal Cyclers Gradient)

### SOPs for Analysis

Download the relevant form, filled and submit the charges for the analysis in the bank. Submit the dully signed and verified (from supervisors/chairperson) form along with paid voucher and samples to the office of Central Hi-Tech Lab.

# Hall Council

Ph: 041-9239122  
Email: hallcouncil@gcuf.edu.pk



**Prof. Dr. Tayyaba Sultana**  
Chairperson Hall Council

## Mission

To provide the secure, peaceful and healthy life style living to the students.

## Introduction

Presently university Hall Council office consists of eleven girls hostels, three situated in the main Campus and eight in new campus, having residential capacity of about 3000 students. Keeping in view, the growing demand of accommodation, for the students coming from far-flung areas, construction of two more hostels was planned in the new campus. These are under completion and with this an additional capacity of 800 students will be available at the strength of Hall Council at the end of this year. Students getting admission this year will definitely reside in these new hostels.

Almost fifty percent of the girl students of the university belong to different areas which are far from Faisalabad. Parents of these students always seek secure and peaceful residence for their daughters. Understanding this need of the hour university has planned another project of Four hostels for the girls that will be completed in next year. In this way we will be able to accommodate maximum of our girl students coming from far flung areas to quench their thirst of knowledge.

## Admission Process

Admission of students in the hostels is purely on merit on the basis of distance of their home district from Government College University, Faisalabad. Student at the time of applying for online admission have to mention their consent for hostel admission. After securing her admission, an application has to be submitted on printed Admission form duly recommended by chairperson/incharge of department concerned in the office of Hall Warden. Admission form may be obtained from the same office with the deposit of Rs. 300.

One Superintendent and one Assistant Superintendent is

appointed from the regular female faculty of GCUF in each hostel, who reside in the respective hostel with the students to look after them and facilitate in various matters. All hostels are provided with the facility of Mess, run by the mess committee of students itself under the supervisory control of Superintendent, Hall warden and chairperson university Hall Council. Facility of internet connection is also provided to the students' for their smooth study and research work. In case of medical emergency, University ambulance service is available to take the students to the hospitals and now the facility of medical center has been established within the both campuses of the university. Round the clock security guards are deputed on the gate for the protection of students.

Students residing in the hostels have to strictly follow the rules and regulations made by Hall Council office. All the dues have to be paid in time. If any student is found in violation of any disciplinary or financial rules, her admission may be cancelled by Chairperson Hall Council with confiscation of all types of deposited security if required.

## Hall Council I (Main Campus)

**Prof. Dr. Shazia Anwer Bukhari,**  
Warden (Hall Council I)

**Ms. Anam Tanveer**  
Superintendent, Ayasha Hall

**Ms. Iqra Sarfraz**  
Assistant Superintendent, Ayasha Hall

**Dr. Tahira Younas**  
Superintendent, Federal Hall

**Ms. Samawiya Farooq**  
Assistant Superintendent, Federal Hall

**Hafiza Huma Haider**  
Superintendent, Khadija Hall

**Dr. Shahida Naz**  
Assistant Superintendent, Khadija Hall



## Hall Council II (New Campus)

**Prof. Dr. Zahira Batool**  
Warden (Hall Council II)

**Ms. Aneela Azhar**  
Superintendent, Fatima Hall

**Ms. Fozia Gillani**  
Superintendent, Hajra Hall

**Dr. Maleeha Manzoor**  
Superintendent, Zainab Hall

**Dr. Samreen Gul Khan**  
Assistant Superintendent, Hajra Hall

**Ms. Saira Manzoor**  
Assistant Superintendent, Aamna Hall



## Hall Council III (New Campus)

**Dr. Mehar un Nisa**  
Warden (Hall Council III)

**Dr. Ayesha Nudrat Akram**  
Superintendent Rabia Hall

**Dr. Sarosh Iqbal**  
Superintendent Maria Hall

**Dr. Adeela Yasmin**  
Superintendent Ruqya Hall

**Dr. Abida Parveen**  
Superintendent Marryam Hall



# Facilities & Services

## Transport

Ph: 041-9330026  
Email: transport@gcuf.edu.pk



The University runs a fleet of buses for facilitating students to commute between different campuses of the university. All buses are deluxe and high capacity. Students can board a bus after showing the bus pass to the bus in-charge, which is issued to him/her in advance.

Transport facility is allotted on semester basis for students admitted for regular programme for the duration of regular academic session. It is generally not provided after the end of academic session for any purpose like summer school/reappear examination/make up examination/PEP classes etc.

Normally timings for University Bus to arrive at the University



Campus is 7:45 a.m. unless otherwise announced by the University. All rights of permission to avail the transport facility are reserved with the University and can be denied to any student. No student is entitled to claim this facility as a matter of right. Transport facility is being allotted on First Come First Serve basis. Routes and pick up points are indicative and are subject to change from time to time.

**Dr. Muhammad Ibrahim**  
Transport Officer

**Mirza Asad Pervaiz**  
Assistant-Transport Office

## Security

Ph: 041-9200669  
Ph: 041-9203012



The primary function of the security staff is maintaining law and order in the university campus. Security staff also ensures safety of university property. The security guards also assist Directorate of Student Affairs in dealing with the issues arising out of the violation of university code of conduct. It is all due to the untiring efforts of the Chief Security Officer and his staff that university

is successfully maintaining discipline since GCUF is a crowded campus of over 39000 students of various academic disciplines. Government of Punjab has shown serious concerns over the security measures in the educational institutions, specially catering to very long number of students. In this regard university security committee, comprising of senior faculty and administrations members was developed.

### Staff

**Prof. Dr. Muhammad Iqbal**  
Chairman Campus Security Committee

**Dr. Muhammad Hidayat Rasool**  
Chief Security Officer (New Campus)

**Dr. Nadeem Sabir**  
Chief Security Officer (Main Campus)

**Mr. Safdar Ali Shah**  
Security Officer (Main Campus)

**Mr. Zafar Iqbal**  
Security Officer (New Campus)

**Mr. Muhammad Aslam Malik**  
Security Officer (Civil Line Campus)

## Health Services



The Medical Health Centre provides first aid and outdoor medical facilities to the students. The outdoor medicines are also provided to the students and emergency cases are referred to Allied Hospital and DHQ hospital on University Ambulance. The staff members of the university are also facilitated at Health Centre in routine and emergency cases. The University provides the services to refer the University employees for outdoor and indoor medical treatment from Government / Private Hospitals on the panel of the university. The outdoor and indoor medical re-imbursement facility is also provided through the Medical Health Centre under the supervision

of the Medical Re-imbursement Committee headed by Prof. Dr. Abid Rashid (Director Medical Sciences). The Medical Health Care Centre provides first aid facilities to university athletes during university games. The Medical Health Care Centre also provides health facilities in new campus of the university. The health care centre also provides scholarship facility & rehabilitating facilities to disable students of the university. Furthermore, University Health Centre has also honoured to provide medical facility in flood disaster areas i.e. District Chiniot, District Jhang, Head Treemo and Athara Hazari on the direction of The Worthy Vice Chancellor in collaboration with Director, Directorate of Medical Sciences.

### Staff

**Dr. Muhammad Afzal**  
**Dr. Misbah Ishtiaq**  
**Dr. Muhammad Salman**  
**Dr. Sadaf Muneer**

Deputy Chief Medical Officer  
Senior Woman Medical Officer  
Medical Officer  
Woman Medical Officer

## Masjid



Masajid existed at gcuf provide five times pray in a day and also juma pray. The masjid located at new campus offers facility of namaz travi, religious events, teaching and preaching of Quran





# Facilities & Services

## Banks



## Auditorium



## Canteens



## Day Care Center





## *Directorates*



## Directorate of Academics

Dr. Salma Sultana (Director)  
Email: diracad@gcuf.edu.pk



### Mission

To develop and improve the academic activities and curriculum through managing academic calendars and academic services.

### Introduction

Higher Education Commission is the major authority in Pakistan for the provision of guidelines in development of curriculum in line with international standards and national needs. It also guides to establish minimum standards for quality assurance, research and intellectual property rights.

Government College University Faisalabad is striving hard for promotion of standard of education and research culture. To achieve this cherished goal, various offices have been developed in the University. Directorate of Academics was established in 2010 in line with the guideline of HEC to streamline and improve academic activities at the University.

### Main Tasks

The office of the directorate is performing different activities to strengthen the academia by promoting the educational activities. Main tasks of the office are:

- To develop academic calendars to regulate the academic work plan and event calendars to strengthen University conferences, seminars and important events.
- To evaluate and improve curriculum of all programs to bring them at par with national and international standards.
- To bring the uniformity in course codes and credit hours.
- To improve teachers communication skills and teaching methods through capacity building programs.
- To improve E-Learning techniques and communication skills and teaching methods during

prevailing Pandemic situation of COVID-19.

- To improve online communication between faculty and students using LMS system under HEC guidelines.
- Coordinate with academic departments (HODs) in sharing faculty, educational and instructional ideas.
- To suggest academic programs in line with international and nation market needs, also initiate joint degree programs among different programs.

### Future Vision

In near future, the office will also be responsible for managing and directing for online academic services which enable academia and students to achieve the highest standards in learning and development of new strategies for research in present Pandemic situation of COVID-19 for the strategic development of the University.

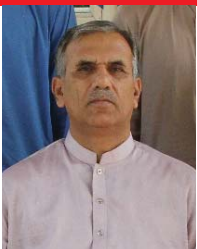
### Mentors

The following faculty members contributed in the development of this office:

Prof. Dr. M. Zubair Siddiqui (Late)  
Prof. Dr. Farhat Abbas  
Prof. Dr. Zahira Batool

## Directorate of Undergraduate Studies

Ph: 041-9200584  
Email: dugs@gcuf.edu.pk



The University has 7 faculties comprised of almost 60 departments imparting education in various disciplines. Directorate deals with all the admission procedures of all programs purely on merit basis. In order to centralize the complete process of admission and maintenance of student's academic record. The Directorate of Undergraduate Studies (DUS) was

established in 2012 in order to maintain the complete record of undergraduate students from admission till completion of degrees. Since then, the Directorate is maintaining the record file of every individual student admitted in undergraduate programs. The Directorate has also the responsibility to facilitate the students in their academic issues i.e. enrollment, re-enrollment, freezing, de-freezing and other relevant

academic matters during the course of studies.

The goal of the Directorate is to help students to achieve academic success by providing extensive academic advising services as well as coordinating advising support throughout the university. Accordingly, the Directorate works with faculty to establish and administer academic policies, assist with undergraduate curriculum development and review, and support proposals for new and revised undergraduate programs and courses through the various approval processes. The Directorate is also responsible for assisting undecided students with degree and career planning.

### Staff

Prof. Dr. Zahed Mahmood	Director
Mr. Tariq Ismail Mayo	Deputy Director
Ms. Shabnoor Iqbal	Teaching Assistant

### Mentors

The following faculty members contributed in the development of this office

Prof. Dr. Sofia Anwar  
Prof. Dr. Hidayat Rasool  
Prof. Dr. Muhammad Iqbal  
Dr. Shafqat Hussain

## Directorate of Advanced Studies

Ph: 041-9200431  
Email: das@gcuf.edu.pk



The Directorate of Advanced Studies has been established to stream line the functioning of different programmes that have been either already launched at all academic disciplines or to be launched in near future. This Directorate has been given the mandate to facilitate all the graduate and post-graduate students for their admission, enrollment, approval of supervisory committees, approval of synopsis, approval and organization of defense of synopsis and thesis. The Directorate of Advanced studies has also been entrusted with the task to prepare and recommend new rules and procedures to further strengthen and improve the academic discipline in the light of different directives and precedents of Higher Education Commission (HEC) of Pakistan. This Directorate is striving hard and burning mid night oil for achieving excellence and ensuring authenticity, transparency, competitiveness and timely completion of all degree programmes within the stipulated period. We are confident, optimistic and sincerely hope that the incoming students for higher studies in GC University, Faisalabad shall find pleasant and learning environment at the campus and shall also find their alma mater quite conducive and helpful for completing their study work and doing post-graduate research work.

### Staff

**Prof. Dr. Sofia Anwar**  
Director

**Atif Saleem**  
Deputy Director

**Muhammad Mustafa**  
Assistant Director

**Abrar Hussain Shah**  
Teaching Assistant

**Asif Farooq**  
Admin Officer

**Muhammad Fuzail**  
Assistant

**Abdur Rehman**  
Junior Clerk



## Directorate of Medical Science

Ph: 041-9200876  
Email: dms@gcuf.edu.pk



### Vision

Educate, train quality induced health professionals and promote medical education at undergraduate, graduate and post graduate level to fill the gap in Public Sector Universities.

### Mission

To promote and enhance quality health services at community level in Faisalabad.

1. College of Allied Health Professionals
2. College of Physical Therapy
3. Department of Orthotics & Prosthetics
4. Department of Eastern Medicine
5. Department of Public Health



## Quality Enhancement Cell (QEC)

Ph: 041-9200036  
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Quality Enhancement Cell (QEC) is established under the guidelines of HEC for the purpose of enhancing, maintaining and monitoring quality of higher education. Government College University Faisalabad is among those pioneer universities in Pakistan who established QEC in 2006. The Higher Education Commission issued directions for establishment of QEC on Oct. 16, 2006. Hence, in October 2006, Government College University Faisalabad constituted the cell according to the guidelines. Vision of Quality Enhancement Cell, Government College University, Faisalabad is to be a benchmark in Quality of Research Education among HEC Recognized Universities. To cope with the vision, following are the worth-mentioning activities held in year 2019.-2020:

- 1.QEC acquired the registration and has submitted the data for QS World rankings.
2. QEC conducted one day workshop on "Vision, Mission & Objective crafting in Self-Assessment Report.
3. QEC conducted five days (05) workshop on "Preparation of SAR in Affiliated Colleges"
4. Collecting SARs from Affiliated Colleges.
5. Officials of QEC, attended one day International Seminar on "QS World Rankings
6. Director QEC, attended two days HEC meeting on "Progress Review Meeting"
7. QEC Team visited Sub-campuses (Layyah & Sahiwal)
8. QEC Official attended 03 days International Conference on: Quality Assurance in Higher Education.
9. QEC has submitted data for Times Universities rankings.

Currently

1. The QEC has sent University Portfolio Report (UPR) for HEC visit.
2. The QEC is observing daily classes from 8:00am to 4:00 pm on regular basis to ensure quality.
3. All Affiliated Colleges are preparing Self-Assessment Reports.
4. QEC is working on implementation of corrective actions regarding MS/M.Phil and PhD Program Review conducted by HEC in October 2019.
5. QEC has completed internal MS/M.Phil & PhD program

Review.

Hence, under the leadership of the worthy Vice Chancellor Prof. Dr. Shahid Kamal the Quality Enhancement Cell, Government College University, Faisalabad is working vigorously for strengthening and ensuring quality of education in this University. This is indication of his keen interest in quality assurance and particularly to ensure quality in this University.

### Staff

Dr. Babak Mahmood	Director QEC
Dr. Muhammad Nawaz	Deputy Director QEC
Ms. Tahira Rasheed	Coordinator QEC
Mr. Fazal-ur-Rehman	Coordinator QEC
Mr. M. Saleem Khalid	(Data Analyst)
Ms. Arzue Liaqat	(Research Assistant)
Ms. Sozia Atta	(Computer Operator)



## Directorate of Planning & Development

Ph: 041-9203005; 041-9201570

Email: dir.pnd@gcuf.edu.pk



The Directorate of Planning and Development was formally establishment in 2006. Since its establishment this directorate is striving to make this institute a state of the art university. All development plans are prepared by this Directorate after needs assessment and consultation of consultants as well as end users. These plans are submitted to funding agencies like HEC, HED, MPA/MNA's grants, Alumni and own sources for administrative approval.

This directorate has prepared many PC-1s, business plan of the university, PSDP, PC-IVs etc. Since its establishment the PC-1s of about more than Rs. 10.00 billion have been prepared and out of these development projects of about Rs. 4.00 billion have been approved and executed.

The Campus Construction Committee (CCC) is the Apex body and final authority for administrative approval and technical sanction of all development projects at the University level.

This directorate under the dynamic supervision of the worthy Vice Chancellor has been able to get approval of different projects with a capital cost of about Rs. 2587.00 million in the financial year 2015-16 for development of New Campus and establishment of three sub-campuses one at

Toba Tek Singh, one at Chiniot and and thrid one at Jaranwala.

A project "Development of New Campus Phase-II" with a capital cost of Rs:1127.189 million and another project of Chiniot Campus with a capital cost of Rs: 1676.561 million has been approved from HEC in 2017-2018.

### Prof. Dr. Muhammad Hidayat Rasool Director (P&D)

Engr. Muhammad Ibrahim Khan  
Mr. Muhammad Zubair  
Mr. Muhammad Yasir Aziz  
Mr. Muhammad Asad Masood  
Mr. Muhammad Faisal Zulfiqar  
Ms. Ureeba Ashfaq

Project Director  
Assistant Engineer (Civil)  
Assistant Engineer (Civil)  
Assistant Engineer (Civil)  
Assistant Engineer (Electrical)  
Assistant Engineer (Electrical)

## Directorate of Procurement and Inventory Control

Ph: 041-92001030

Email: dpic@gcuf.edu.pk



### Mission

- To be a leading office, driven to exceed our fellow colleagues' expectations, to procure innovative and high-quality, cost-effective items as per approved specs by observing all codal formalities
- To provide services adding value and improvement in support of GCUF success
- The procurement team is fully committed to act strictly in accordance with the prescribed rules and procedures to serve the University as responsible and law abiding incumbents with integrity, utmost care and dedication in the best interest of public
- To create & provide conducive working environment which foster pride, dignity, respect, job satisfaction and career growth of whole team

### Staff

**Mr. Muhammad Ayub**  
Incharge Officer DP & IC

**Mr. Nadeem Mushtaq**  
Additional Director DP & IC

**Mr. Fahad Nazir**  
Branch Incharge DP & IC

**Mr. Mahmood-ul-Hassan**  
AAO

**Mr. Muhammad Sufian**  
Assistant

**Mr. Sakhawat Ali**  
Store Keeper





Directorate of Students' Affairs (DSA), Government College University, Faisalabad (GCUF) is working successfully under the dynamic leadership of worthy Vice Chancellor and the kind supervision of Dr. Nadeem Sohail, Director Students' Affairs. It instills the spirit of confidence and enhances self-esteem among students.

It aims at showcasing and pruning the personal as well as social traits of students through a range of Co-curricular activities. Moreover, it inculcates team work and leadership qualities by enabling them to keep pace with changing dynamics of national and global perspectives. It broadens their vision and widens their approach towards knowledge, understanding and management. Furthermore, it sharpens their theoretical, analytical and practical abilities. The prime focus is not only on the active participation of students in various activities but also on providing them with the platform to express themselves through workshops, seminars, competitions, awareness drives, lectures, festivals and conferences which ultimately lead to character building of the students. The directorate also caters to the financial assistance of deserving students based on meritocracy. In addition to all this, DSA works hard for the maintenance of discipline in all the university student functions i.e. conferences, seminars, workshops, convocations and celebrations along with the day to day matters of the University. Twenty one different societies working under the umbrella of DSA have won 117 positions alongwith 14 team/champion trophies in the academic year 2019-2020.

### 1. Jinnah Debating Society

Jinnah debating Society aims to promote and improve the art of speech and debate among students. Workshops and seminars are organized to improve speaking skills of students, build their strength and confidence level. JDS provides an opportunity to the young speakers of University to present their thoughts logically and confidently in front of the audience.

### 2. Abdul Rauf Khalid videography Society

Abdul Rauf Khalid Media Club has been working in university to simultaneously promote the art of video creation, on camera acting among students and encourage the young actors and film-makers to share a message innovatively in the form of

short films, documentaries and advertisements.

### 3. Abdul Sattar Edhi Blood Donation Society, GCUF

"One who has saved a life, saved the whole humanity" (Al-Quran) This society is intends to help the students and employees of University by ensuring the provision of blood in the hour of need. Many blood donation camps and seminars have been arranged under the supervision of Incharge, blood donation society. The purpose is to spread awareness about the importance of saving a life by donating blood, as we believe that no deed is better than saving a life.

### 4. Manzoor Ul Kaunain Naat and Qiraat Society

This society represented University not only in Qiraat and Naat Competitions but also contributed actively in organizing relevant religious activities in the University.

### 5. Dramatics and Performing Arts Society, GCUF

Dramatic and Performing Arts Society, participated in different expos, cultural festivals and competitions by presenting Dramas and Mimes. The purpose of this society is to instill self-confidence in students. This society focuses on the projection of intra-inter communal tolerance and harmony through the different performances and scripts.

### 6. Rover Scouts Society, GCUF

Rover Scouts Society is contributing efficiently in training the students of University for scouting and other relevant welfare activities. Scouts participate in Desert Hike, Snow Hike, Inter University Championship and Punjab rover moot.

### 7. Nusrat Fateh Ali Khan Music Society, GCUF

Nusrat Fateh Ali Khan Music Society is working for the enrichment of performing arts like sufi and folk music among the students to make them more peaceful and responsible members of society.

### 8. Writer's Club, GCUF

Writer's club enables students to express themselves through writing. It polishes their hidden skills to keep them working with the new challenges in the field of Literature.

### 9. Culinary Society, GCUF

Culinary Society, GCUF has been mastering the students in

cooking and baking skills since years. It has been encouraging them to invent different ways of preserving food for a long time.

### 10. Horticulture Society, GCUF

This society promotes the relationship of human beings with nature. It arranges many activities related to flower exhibitions.

### 11. Institute of electronics & electrical Engineering (IEEE)

Institute of electronics & electrical Engineering is an international society of engineers with its headquarter in New York. IEEE-GCUF is a student branch with the aim of creating awareness among the students about the latest trends in technology.

### 12. Beaconite Quiz Society

Beaconite Quiz Society provides a viable forum for students to discuss and share national and international happenings. It induces among students prevalent trends in politics, art, socio-economic sphere, culture as well as religion and history.

### 13. GCUF Adventure Club

Adventure club has a mission to improve the talent and personality of the students through activities like camping, hiking, trekking and travelling. These activities educate the students in discipline, team work, social tolerance, sense of sacrifice and service to humanity.

### 14. Painting Society

### 15. Calligraphy Society

### 16. Cultural Society

### 17. Pak-Eco Friends Society

### 18. Photography Society

### 19. Fashion Designing Society

### 20. Character Building Society

### 21. Handicrafts Society

## Staff

**Dr. Nadeem Sohail**  
Director

**Hafiz Muhammad Waqas**  
Students Counselling Officer

## Jeh'd 19

It happened first time in the history that Government College University Faisalabad hosted first all Pakistan competitions under the title "Jeh'd 19". April 09-11, 2019 were marked in calendar for this event, with the theme "Struggle for Unbounded Creativity" under the umbrella of Directorate of Students' Affairs.

The event was an assemblage of more than 30 different competitions which targeted students of 80 different universities of Pakistan. It not only proved to be a baseline for the youth to prove their worth in their respective mode of interests, but also contributed to avail the opportunity of diverse social, endemic and healthy interaction.

This three days long-struggle was to find creativity and boost imagination of students of various universities of Pakistan. Two hundred different teams, comprising of more than 600 student participants made up to Jeh'd 19 To make these three days even more interesting, arrangement of Sufi music night to enjoy folk music, and Dinner for participants, was arranged. GCUF hosted Pakistan's grand Mushaira with more than 15 different famous names in poetry and not to forget, Pakistan's legendary poet, Anwar Masood presided the evening. On top of all of it, entry was free for participants and all students and faculty of GCUF. That resulted as a jam packed auditorium. Dr. Nadeem Sohail, Director Students Affairs and his team entailing of 21 societies, has set a high mark as a milestone for coming years. Jeh'd is now an annual event of university, which will happen every year and Dr. Nadeem Sohail, along with his passionate team, is ready to take it to next level.





# Directorates

## Directorate of Sports

Ph: 041-9201228  
Email: directorsports@gcuf.edu.pk



### Introduction

The Directorate of Sports was established on 23-Oct, 2003, when the Govt. College Faisalabad, was granted the status of GC University, Faisalabad. It has produced eminent professional players like, Mr. Shahbaz Senior, best Hockey player of the World.

### Mission

Close Collaboration and healthy competitions within the Departments of the University and participation of GCUF Sports team in All Pakistan Inter-Varsity Sports Competitions, under the auspicious of Higher Education Commission Islamabad, to promote Sports activities at various levels.

### Objectives

- To provide National and International Players for promotion of Sports at University and National Level.
- Capacity Building of Players both Male and Female.
- Organize Training Programs for students, separately for Male and Female Players.
- The awards of Cash Prizes and Sports Scholarships to encourage the budding student players, who win medals at Inter-Varsity and National Championships.
- Create healthy environment in the campus through Sports activities.
- Organize Sports Competitions among the Departments and award the Certificates and Trophies to the Position holder players.

### Participation at HEC Competition

#### Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Kabaddi, Athletics, Rifle Shootings, Wrestling, Tug of War, Chess and weight lifting.

#### Female Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Athletics, Rifle Shootings, Wushu, Taekwondo, Karate, Judo, Jujitsu, Table Tennis, Badminton, Net Ball, Cycling, Squash, Chess and Tennis.

### Participation at HED Competition

#### Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Badminton, Table tennis, lawn tennis, Squash and Athletics.

#### Female Games

Cricket, Foot Ball, Volley Ball, Basket Ball, Badminton, Table tennis and the Athletics.

### GCUF Organized Inter-collegiate Competitions

#### Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Kabaddi, Badminton and Athletics

#### Female Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Badminton and Athletics

### Directorate of Sports

#### Prof. Dr. Nasir Amin

Mr. Muhammad Rafique Wahla  
Mr. Nadeem Ahmad Khan  
Mr. Muhammad Latif  
Ms. Nabila Kauser  
Mr. Noor Nabi  
Mr. Aamir Masood Sahi  
Mr. Mubashar Khan  
Mr. Hafiz Rehan Anwar  
Mr. Muhammad Shabbir Dalaver

#### Chairman Sports Board

Director Sports  
Hockey Coach  
Foot Ball Coach  
Female Coach  
Cricket Coach  
Hockey Coach  
Athletics Coach  
Sports Trainer  
Assistant

### Achievements Of GCUF in University Sports League (USL) Session 2019-20

Govt. College University Faisalabad got the following positions in USL organized under the auspicious of Higher Education Punjab.

- 1- Volley Ball (Men) Runner up.
- 2- Volley Ball (Women) Runner up.
- 3- Basket Ball (Men) Runner up.
- 4- Squash (Men) Runner up.

5- Lawn Tennis (Men) Runner up.

6- Hockey (Men) Runner up.

7-Athletics (Men) won 4 bronze medals.





## Vision

Distance Learning Education is designed to provide commendable role model in academics, professionalism, operations and services rendered by using innovative technologies and methodologies assuring with quality by converging of existing formal education systems for convenience of massive human resource which is

required for promoting integrated national development and global understanding.

## Mission

Distance Learning Education is based on state of the art facilities and effective technologies to provide accredited, very affordable, accessible and well equipped learning opportunities with blessings to those students; who are incapable to attend the traditional, on-site regular campus classes due to issue of time, space and money or other social distancing aspects.

## Introduction

Distance Learning Education is evolved as an alternate or parallel to the formal education system after an increasing realization that it is not perfectly coping with the educational needs and demands of the rapidly growing young population. The demand for education in Pakistan through formal education system is consistently run ahead of resources owing to the bulk of their young population. Therefore, remains educationally defined, and there are failing the demand in formal education system; the need of non-formal education in various disciplines becomes evident in concept of Distance Learning Education. Distance Learning Education helps to:

1. Cope with the rapid increasing demand of education,
2. Provide mass education at reasonable and low costs,
3. Acquire education at any stage of their life and,
4. Boost up the professional development of working people on their job place.



## Objectives

The main objectives of Distance Learning Education are to:

- Enhance the teaching and learning process through the use of innovative educational technologies.
- Supporting and training of faculty, staff, and students in the use of Distance Learning Education technologies.
- Assist faculty in the development and delivery of courses at a distance.
- Develop and maintain partnerships with other educational institutions.
- Identify and provide access to courses and programs needed in the industry and job market.
- Enhance professional development of working people at their job place.

## Staff

<b>Dr. Babak Mahmood</b>	<b>Director</b>
Mr. Nasir Jamil	Computer Programmer
Mr. Rana Tajammal Rashid	Assistant Registrar
Ms. Farah Rasul	Teaching Assistant
Mr. Asif Ali	Junior Clerk
Mr. Zia-ul-Haq	Office Attendant
Mr.Saddam Hussain	Office Attendant





**R U L E S**

# RULES AND REGULATIONS UNDER SEMESTER SYSTEM FOR UNDERGRADUATE, GRADUATE & POST GRADUATE PROGRAMS

## PREAMBLE & OBJECTIVE

The Government College University Faisalabad (GCUF) was established under the Government College University Faisalabad Ordinance by Government of the Punjab in 2002. The University is offering Undergraduate, Graduate and Postgraduate programs in various disciplines following semester system. The present document describes Rules and Regulations governing the Semester System, examinations as well as promotion.

## 1. SHORT TITLE EXTENT COMMENCEMENT & APPLICATION

- 1.1 These rules may be called Government College University Faisalabad Semester Rules for Undergraduate, Graduate & Postgraduate programs framed under HEC policy.
- 1.2 These extend to all programs in the whole University, Sub-Campuses and Affiliated Colleges.
- 1.3 These shall come into force with effect from Fall Semester 2020-2021.
- 1.4 These Rules and Regulations shall come into force with immediate effect (from Fall Semester 2020-2021) and these shall apply to all the students registered in Government College University Faisalabad, whether they are studying in the University or in its constituent colleges/ affiliated institutions/ sub-campus(s) in ADPs, BS (4-Years), M.A/M.Sc. (2-Years), MS/M.Phil and PhD.

## 2. DEFINITIONS

- (i) "Academic Year" includes two regular semesters (Fall and Spring) and a summer semester.
- (ii) "Board of Studies" means the Board of Studies (BoS) of the concerned Department of the University. The BoS is responsible for approving the coursework and plan of study of the relevant academic program.
- (iii) "Chairperson or Chairman" means the Head of the concerned Department of the University.
- (iv) "Coordinator" of a department means an academic staff member who keeps the academic record, coordinates the educational and examination-related activities of the concerned department.
- (v) "CGPA" is the Cumulative Grade Point Average for the semesters.
- (vi) "College" means the constituent or Affiliated College of the University.
- (vii) "Comprehensive Examination" means an examination or assessment at Postgraduate level to evaluate the overall academic ability of a candidate.
- (viii) "Controller" means the Controller of Examinations of the University.
- (ix) "Coursework" is the mode of a program of studies whereby the candidate is required to follow instructions as prescribed in the form of lectures, academics, examinations, assignments, projects etc.
- (x) "Credit Hour" means one lecture hour and two to three hours of practical work per week for sixteen weeks in a regular semester.
- (xi) "Dean" means the Chairperson of the Board of Faculty.
- (xii) "Degree" means a document awarded 'by the University to a candidate who has fulfilled the requirements for Undergraduate or Graduate or Postgraduate program.
- (xiii) "Department / Institute / Centre / School" means the concerned Department of the University.
- (xiv) "Director" means the Head of an Institute/Centre/School of the University.
- (xv) "Dissertation": A formal, written treatise that covers a subject in great detail, and is submitted usually in the course of qualifying for a doctor of philosophy (PhD) degree.
- (xvi) Drop out: A student considered unsuitable upon academic performance for further studies at Government College University, Faisalabad or its constituent Institute / Affiliated College/Sub-campus and is removed from the roll of the University.
- (xvii) "Examination" means any form of evaluation to assess a candidate's performance.
- (xviii) "External Examiner" means a person from outside the University having suitable qualification and experience in the relevant discipline. He/she should not have taught the subject in any class / section for which examination is being held.
- (xix) "Final Examination" means the examination held at the end of the semester upon completion of the study period of each semester.
- (xx) "GPA" stands for Grade Point Average ranging from 0 to 4.0.



- (xxi) “Grades” the letters or points awarded to the students on the basis of the earned score
- (xxii) “I-Grade” means Incomplete Grade.
- (xxiii) “Improve” means a course taken to improve the grade already scored.
- (xxiv) “Institute” means a teaching unit of the University.
- (xxv) “Internal Examiner” means a person teaching a course for which the examination is being held, and a faculty member (Supervisor or Member) appointed by the University to evaluate the performance of a Graduate and Postgraduate candidate.
- (xxvi) Internship: Students’ engagement in a relevant academic, professional, research or business organization related to the discipline chosen for specialization of minimum of 3 credit hours offered in the last year of program/degree.
- (xxvii) “Mid-term Examination” means the evaluation to be held during the course of the semester. Midterm examination will be held after completing 7 to 8 weeks of studies.
- (xxviii) “Principal” means the head of a college.
- (xxix) “Program” means a program of studies offered by the University, such as Graduate/ Postgraduate Degrees and any other Diploma.
- (xxx) “Project” It can be an activity based on research, field work or academic activity relevant to the concerned program/degree having minimum of 3 credit hours.
- (xxxi) “Repeat” means a course taken again after failing in the previous exams.
- (xxxii) “Special Examination” means a chance given to the students on medical/emergency grounds or circumstances beyond the control in lieu of the scheduled examination.
- (xxxiii) “Semester” means a period of academic activities, on average 18 weeks including sixteen weeks of instruction, and two weeks of examinations.
- (xxxiv) “Student” means a person enrolled in any academic program of the University as per prescribed procedures.
- (xxxv) “Subject” means a course of studies as prescribed in the detailed syllabi.
- (xxxvi) “Summer Semester” means a period of academic activities of 9 to 12 weeks including enrollment, teaching and examination.
- (xxxvii) “Supervisor” means a person appointed by the University to supervise the candidate’s research for thesis / report / Project till final completion.
- (xxxviii) “Syllabi” means syllabi of the concerned discipline approved by the Statuary Bodies such as BoS, BoF and Academic Council of the University in accordance with HEC guidelines .
- (xxxix) “Thesis” is an academic composition based on research work presented by a candidate as a requirement of Graduate and Postgraduate Degree program.
- (xxxx) “W-Grade” means withdrawn course that will not be counted in GPA calculation.

### 3. ADMISSION CRITERIA

All the admissions will be made according to the admission policy given in the prospectus.

### 4. DURATION OF SEMESTER FOR REGULAR PROGRAMS

There shall be 2 semesters (Fall and Spring) of 18 weeks each in an Academic Year, followed by a summer semester of 9 to 12 weeks. The commencement of semesters shall be regulated by the Director Academics.

(Explanation: Out of 18 weeks of a semester, 16 weeks shall be actual teaching time; the rest may be utilized for enrollment, conduct of examinations and declaration of results, etc. and likewise, out of 9 weeks of a Summer semester, 08 weeks shall be actual teaching time; the rest of the duration may be utilized for enrollment, conduct of examinations and declaration of results, etc.).

### 5. CREDIT HOURS FOR UNDERGRADUATE AND GRADUATE DEGREES

5.1 A credit hour means teaching/earning a theory course for one hour each week throughout the semester.

Course	Duration of Class
Theory Course of 03 Credit Hours	3 classes of 01 hour per week Or 2 classes of 1.5 hours per week
Practical (Lab)Work/Field Work of 01 Credit Hour	02 to 03 contact hours per week

- 5.2 One credit hour in laboratory or practical work/project would require lab contact of two to three hours per week throughout the semester.
- 5.3 The credit hours are denoted by two digits within brackets with a hyphen/plus in between. The first digit represents the theory part while the second (right side) digit represents the practical.
- 5.4 Thus 3(3-0) means three credit hours of theory, while 4(3-1) means a total of four credit hours, of which three are of theory while one credit hour is for laboratory/studio work/field work/practical work supervised as mentioned above.

## 6. REPLICA/SELF-SUPPORTING PROGRAMS

The same rules and regulations of regular semester with certain modifications (like fee, age and session etc.) will be followed for Replica/Self-Supporting Programs.

## 7. EXECUTIVE PROGRAMS

Executive education is an important tool for professionals to nurture top leadership talent. It offers to professionals knowledge to enhance skills and gives them an opportunity to refresh and gain new perspectives. In a competing job environment, professionals will continue to look for ways to stay ahead of the crowd and make meaningful change, ensuring continued need for high-quality executive education. Considering the importance, GCUF offers the executive programs with the following recommendations:

- a. Lab based programs/courses are not the part of executive programs.
- b. The program duration will be 3 years extended upto 4 years.
- c. Candidates having job experience (public or private organizations/institutions/industry) of minimum 02 years are eligible.
- d. 6 to 9 credit hours will be offered in each semester of course work.
- e. A prescribed fee per credit hour will be charged.
- f. Seats as per university rules of the respective programs.
- g. Classes will be conducted in evening including Saturday.
- h. All other rules and regulations as framed from time to time will be applicable.

## 8. WEEKEND PROGRAM

- 8.1. There shall be total 26 weeks in each semester.
- |                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| a. Teaching Contact Weeks & Mid-Term Examination | 22 Weeks (Mid-term examinations will be scheduled by the respective department). |
| b. Final Term Examination                        | 02 Weeks                                                                         |
| c. Result Submission                             | 01 Week                                                                          |
| d. Enrollment for next Semester                  | 01 Week                                                                          |
- 8.2. Credit Hours will be offered according to the scheme of studies, with following limit.
- |               |                    |
|---------------|--------------------|
| BS / MA / MSc | 12-18 Credit Hours |
| MS / MPhil    | 09-12 Credit Hours |
- For the enrollment of credit hours more or less than the prescribed, special permission may be provided by the competent authority on the request of a student duly recommended by the respective chairperson and Dean.

## 9. TRANSFER OF CREDIT HOURS/MIGRATION

- 9.1 Credit hours may only be transferred between HEC Recognized Universities (main campuses). This facility will not be provided to any sub-campus of the Public Sector University or any Affiliated College.
- 9.2 In affiliated colleges under Government College University, Faisalabad, migration is allowed with the approval from migration committee under the rules framed for this purpose.
- 9.3 The student shall have to study the course(s) which is(are) pointed out by the migration committee.



- 9.4 Maximum 50% of total credit hours of a degree are allowed to transfer.
- 9.5 No credit hour of a course will be transferred if the grade is less than “C” for undergraduate and “B” for graduate studies.
- 9.6 Credits are transferred on course to course basis i.e. a person taking course A at University X is allowed to transfer his/her credits to University Y provided that course A or equivalent course is taught at the Y University.
- 9.7 Migration shall be allowed to candidates only after the successful completion of one Academic Year, having CGPA as under:-
- a. For Undergraduate Program and Master Degree Program:**  
After first Academic Year or subsequent years, the required minimum CGPA is 2.00
- b. For MS/MPhil Degree Program:**  
After completion of course work, the required minimum CGPA is 2.5
- c. For PhD Degree Program:**  
After first Academic Year, the required minimum CGPA is 3.00
- 9.8 The percentage of the students in the courses which were passed from the parent University (X) will be considered at the minimum percentage of the respective grade of this University (Y) in the GPA/ CGPA i.e. ‘A’ grade=80%, ‘B’ grade = 65% and ‘C’ grade= 50% (irrespective of his/ her percentage acquired at parent University while granting migration) and this practice will be continued in future migration cases on the recommendations of Equivalence Committee provided that:
- a. The contents of the course(s) for which credit is claimed, are identical/ similar to the course in the course work of the relevant department in Government College University Faisalabad.
- b. The course for which credit is claimed has not been used for any other degree.
- c. A course studied to qualify a degree will not be taken/ considered for any other and higher degree program.
- d. Credit earned for a course shall lapse on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified.

## 10. COURSE OF STUDY

- 10.1 All courses will be designated appropriate three digit course code numbers and will be preceded by the suitable letters of alphabets (three capital letters) indicating the name of the respective department.
- 10.2 The teachers / instructors will be required to hand over detailed course outline to the students within 7 days of the beginning of semester and will provide a copy of course outline and work plan to the chairman of the concerned department.
- 10.3 A full time student can enroll credit hours in a semester including regular plus repeat/ resit courses according to the following table. This will be applicable for all programs (Regular and Weekend).

Degree	Regular
BS	15-18*
MSc	15-18*
MS/MPhil	09 -12*
PhD	06-09*

\*On the request of a student, forwarded by respective Chairperson of the Department duly endorsed by the respective Dean, maximum two additional courses for BS/MA/MSc, and one for M.Phil/PhD programs may be enrolled in a semester in addition to regular course limit provided that these additional course(s) is/are offered in the concerned semester. It is also recommended that the registration process should be completed within two weeks from the commencement of a semester.

- 10.4 No course shall carry more than 4 credit hours.
- 10.5 For Repeat / Re-sit / Improvement / Re-enrollment of courses within the semester residential period, per credit hour / course fee will be charged.
- 10.6 For Repeat / Re-sit / Improvement / Re-enrollment of courses within the summer semester, a prescribed course fee will be charged.
- 10.7 For Repeat / Re-sit / Improvement / Re-enrollment of courses beyond the residential period, full semester fee will be charged.



## 11. DEFICIENCY COURSES

If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) does not provide adequate background for the degree program of study, he/she may be required to rectify the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies. Student may also be enrolled the deficiency course/s during summer semester.

## 12. SUMMER SEMESTER

- 12.1 A student who wants to take "Audit" or "Deficiency" or "failed Course", he/she may enroll in summer semester.
- 12.2 A student who has to pass any failed course or improve "D/lowest grade" or to maintain the minimum CGPA requirement of the respective academic year/degree, has allowed to enroll in summer.
- 12.3 A student shall only be allowed to register only two to three courses.
- 12.4 In the summer semester a course will be offered for minimum one student only for last semester or expected drop out. However, a course will be offered to at least 3 students as special case on the recommendations of the Chairman of the Department and the Dean of the Faculty.
- 12.5 A prescribed fee will be charged per course per student.
- 12.6 A teacher shall be allowed to teach not more than two courses in summer. Furthermore, the student of Sub-Campuses and Affiliated Colleges on the recommendation of the Director/Principal and after getting approval from Director (Acad.) can allow to enroll the failed/repeat/improvement course(s) in the summer semester at their respective Sub-Campuses/Affiliated Colleges. It is provided that 30% of the fee per course will be paid to the University at the time of enrollment.

## 13. MEDIUM OF INSTRUCTION

The medium of instruction and examination shall be English (except for Faculty of Islamic and Oriental Learning).

## 14. CANCELLATION OF ADMISSION

Any student consistently found absent from classes during first four weeks; after the commencement of the semester as per announced schedule, his/her admission shall stand cancelled automatically without any notification.

## 15. DISCONTINUATION/FREEZE & DEFREEZING SEMESTER

- 15.1 A student may discontinue/freeze enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the respective Directorates i.e. Directorate of Undergraduate & Directorate of Advanced Studies, on the recommendations of the Dean/Coordinator of respective faculty and Director/Chairperson/Incharge on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control subject to fulfillment of condition that the student has passed the final examination of the previous semester with minimum prescribed GPA/CGPA required for the said degree program.
- 15.2 The facility of freezing will be allowed only once during whole degree program after the completion of first academic year and for maximum two semesters only.
- 15.3 A student so permitted to freeze is required to resume his/her studies after the two semesters (one freezed semester and other gap with zero credit hour semester) on the recommendations of Director/ Principal/ Chairman concerned and the Dean/Coordinator and notified by respective Directorates. However, the resumption of semester in Undergraduate & Master Degree program will be after one Academic Year with junior batch and in MS/MPhil & PhD programs may be in the next semester.
- 15.4 During the semester freeze, bonafide status of the student shall remain suspended. The student will not be entitled to avail any privilege of a regular student.
- 15.5 A Student has to submit the complete fee dues for a freeze semester plus a prescribed fee for the gap semester for undergraduate and graduate programs respectively.
- 15.6 A student shall not ordinarily be allowed to freeze his/her studies during 1st semester except in case of circumstances beyond his/her control i.e. accident/swear illness so that his/her admission may be retained subject to the approval of the Vice Chancellor.
- 15.7 Application for deferment of the 1st semester within four weeks of the start of semester can be made by the student(s) in special cases and will be approved by the Competent Authority. In case of acceptance of the request, the student will restart semester-I with the next admitted batch.
- 15.8 For the de-freezing of a semester, the student will have to submit the request to the Authority through the Chairperson at least 2 weeks before start of the semester.



- 15.9 The student will have to pay dues at the prevalent rate at rejoining time and shall be required to follow all the Rules & Regulations prescribed for new session as applicable for Undergraduate & Master Degree Programs.
- 15.10 The freezing period (time of absence) will be included in the stipulated period for the program.

## 16. ENROLLEMENT/COURSE REGISTRATION

- 16.1 An application for enrollment in a course/s on the prescribed “Course Registration Form” accompanied by proof of fee paid (bank receipt) shall be presented in the office of the respective directorate duly signed by respective Chairperson and Dean of faculty.
- 16.2 The office of the Dean/Coordinator under special circumstances and on payment of late fee may permit a student to enroll within 2 weeks after the commencement of the classes.
- 16.3 The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes, with double late fee.
- 16.4 Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification for enrollment.
- 16.5 Enrollment will only be considered complete when Course Registration Form (GS-10/UG-1) is submitted to the office of the Directorate of Advanced Studies/ Undergraduate Studies within 02 weeks.
- 16.6 The students of first semester may be allowed to revise his/her Course Registration Form within 30 days of the last date of enrollment.

## 17. REVISION OF COURSE REGISTRATION FORM

A student may be permitted to revise his/her Course Registration Form within 02 weeks from the commencement of classes. After this period he/she may be allowed to revise Course Registration Form up to 03 weeks from the commencement of classes on payment of prescribed Course Registration Form revision fee.

## 18. REPEATING/IMPROVING COURSES

- 18.1 Whenever a student gets ‘F’ grade, he/she has to repeat the course, whenever offered. However, “F” grade obtained will also be recorded on the transcript in the relevant semester.
- 18.2 Undergraduate and Master level students may be allowed to repeat course(s) in which she/he has obtained grade below “C”. In such a case both the previous and new grade obtained will be recorded on the transcript. However, only the better grade shall be used in the calculation of CGPA.
- 18.3 In case of CGPA improvement, it would be recorded with (Imp) on the transcript.
- 18.4 Two chances will be allowed to repeat the subject in the program (maximum three takes per subject).

## 19. CHANGE OF COURSE AND COURSE WAIVER

A student can change a course within 2 weeks from the commencement of classes and he/she has to submit the revised course registration form (GS-10/UG-1).

## 20. CLASS ATTENDANCE

- 20.1 A candidate with less than 75% of the attendance in a course shall not be eligible to appear in the final examination.
- 20.2 In exceptional cases / hardship cases the following exemptions may be accorded.
  - a. 5% by the Dean of the Faculty on the recommendation of the Chairperson of the department.
  - b. Additional 5% by the Vice Chancellor.

20.3 A student may apply for leave(s) in case of illness, family circumstances and in emergency. The maximum length of leave with related terms and conditions are as under

<b>A</b>	Leave for Umrah/Ziarat (One Time in Degree)	15 days leave (including weekend) with makeup classes facility
<b>B</b>	Leave for Hajj (One Time in Degree)	40 days leave (including weekend) with Makeup classes facility
<b>C</b>	Medical Leave for major diseases (Surgery, major accident, maternity & Operation etc.) Note: Medical Leave for major diseases (Surgery, major accident, Operation and maternity (BS Programmes 2 time in a Programme Ph.D. 2 time in a Programme and MA/MSc and M.Phil. one time in Programme)	i. Maximum upto 30 days (including weekend) with Makeup classes facility ii. The leave will be granted on provision of Medical Certificate of Medical Superintendent DHQ level Hospital and subsequent on the recommendations of University Medical Officer.
<b>D</b>	Medical Leave for minor diseases other than above iii-medical leave	i. Maximum upto 09 days leave (including weekend) ii. The leave will be granted on provision of Medical Certificate of Medical Superintendent, DHQ level Hospital and subsequent on the recommendations of University Medical Officer. iii. The leave days will be exempted from his/her attendance account.
<b>E</b>	Marriage Leave/Ex Pakistan Leave and other etc.	i. Maximum upto 09 days leave (including weekend) ii. The leave days will be exempted from his/her attendance account.

## 21. EXAMINATIONS

### 21.1 EXAMINATION FEE

University examination fee shall be charged at the time of enrollment of each semester.

### 21.2 TESTS AND EXAMINATIONS

- 20.2.1 There shall be two mandatory examinations in each semester i.e. Mid Term and Final Term. Any student absent in the final examination shall be considered fail. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The teacher will be solely responsible for deciding the mode, conduct as well as evaluation of examination in his/her course. The grade given by the teacher shall be final.
- 21.2.2 The mid-semester examination shall be held during 9th week of the semester and carry 30 percent of the allocated marks for the course. This examination shall be held by the concerned teacher who shall proceed according to the University rules.
- 21.2.3 In case of deficiency course, a student is required to obtain at least "C" grade.
- 21.2.4 The following weightage shall be given to the examinations, home assignments, etc.

Regular and Summer Semester Programs	
(a) Mid-semester examination	30%
(b) At least 02 Assignments and 02 quizzes/ presentations.	20%
(c) Final examination (at least 20% of Final Exams will consist of Mid Term Course)	50%
<b>Total</b>	<b>100%</b>

- 21.2.5 The marked answer scripts of each examination shall be discussed with the students.
- 21.2.6 To qualify a course, it is essential to pass separately the theory and practical (where applicable) examinations with aggregation to be at least 40 percent except for Engineering and Pharmacy Degree programs where aggregation pass marks requirement is 50%.
- 21.2.7 The duration of examination shall be as under:



Mid-Semester Examination (One hour to 1<sup>1/2</sup>Hours)

Final Examination (Two Hours)

- 21.2.8 Question paper for the mid and final term examination shall be set by the respective teacher. However, Chairperson/ Principal/ Director/ Departmental Incharge shall ensure the quality and standard of the question paper set by the teacher.
- 21.2.9 The teacher shall send the final award list of the course through the respective Chairperson to the office of the Controller of Examinations within 10 days after the conduct of respective course examination. The Dean/Coordinator may condone the delay in result submission. A copy of the award list will be maintained by the respective department along-with the course file.
- 21.2.10 On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the office of the Dean/Coordinator, Director/Principal and the Chairman of the concerned Department.

### 21.3 COURSE FILE

- 21.3.1 Maintenance of Course File of each semester is compulsory for the teacher concerned.
- 21.3.2 The "Course File" will have a complete record of semester's contents, for instance:
- Details of students' enrollment / registration in the program.
  - Timetable of classes.
  - Attendance
  - Course Code and contents as per recommendation of the respective Board of Studies.
  - Weekly breakup of classes.
  - Details of reschedule of classes, if any.
  - Brief points of lecture's handouts (no need to attach photocopies of books and Web Pages).
  - Record of assignments/ quizzes/lab work given to the student with evaluation.
  - Mid-term and Final Term Examination question papers.

### 21.4 DEPARTMENTAL EXAMINATION COMMITTEE

This Committee shall have proper role in supervising and evaluating the conduct of all examinations in the Department. The Committee may comprise the following:

- Chairperson/Incharge of Department (Convener).
- Two faculty members of the Department (one may be program coordinator and the other as a Secretary of Committee).

### 21.5 CONDUCT OF EXAMINATION

- 21.5.1 All tests and examinations shall take place on the premises specified by the Departmental Examination Committee.
- 21.5.2 The schedule of tests and midterm/final examinations shall be notified by the Departmental Examination Committee at the beginning of the Semester or whenever these are announced by Director (Acad.).
- 21.5.3 Students are responsible for checking the date time and location of their examinations from the given schedules.
- 21.5.4 For all examinations, the students may be required to show their students ID cards or personal ID for verification purpose.
- 21.5.5 Student must write the program title, subject title, course code and title and his/her registration number, signature clearly on the front page of answer sheets.
- 21.5.6 The record of question papers/marked scripts/Mid-term Examination/Final Examination etc. shall be preserved by the Controller of Examinations for two years after the completion of the degree program.
- 21.5.7 Provisional announcement of the result of a program will be made by the Controller of Examinations.
- 21.5.8 Final Notification of the results shall be made by the Controller of Examinations by displaying on the University Notice Board / Gazette / University Website.

## 21.6 GRADE POINT AVERAGE

21.6.1 Grade point and equivalence between letter grading and numerical grading shall be as follows:

Grade	Value	Marks (%)
A	4.00	85% or above
A-	3.75-3.95	80% to 84%
B+	3.35- 3.70	70% to 79%
B	3.00-3.28	65% to 69%
B-	2.70-2.94	60% to 64%
C+	2.35-2.63	55% to 59%
C	2.00-2.28	50 to 54%
C-	1.50-1.90	45 % to 49%
D	1.00-1.40	40 to 44%
I	(Incomplete)	
F (Fail)	0	<ul style="list-style-type: none"> <li>• Less than 40% for undergraduate &amp; master level programs.</li> <li>• Less than 50% for MS/MPhil/PhD.</li> </ul>
W	(Withdrawn)	Will not be included in GPA calculation.

\* There is no "D" and "C-" Grades in Pharm-D, Electrical Engineering, MPhil and PhD programs.

In order to calculate the GPA, multiply Grade Point (next page) with the Credit Hours in each Course to obtain total grade points, add up to cumulative Grade Points and divide by the total number of Credit Hours to get the GPA for a Semester.

$$\text{GPA} = \frac{\sum (\text{GP} \times \text{Credit Hours}) \text{ courses of a semester}}{\text{Total Credit Hours of a semester}}$$

For calculating CGPA, sum total of GPs in a semester earned in different courses multiplied by respective credit hour of a course and divided by total numbers of credit hours.

$$\text{CGPA} = \frac{\sum (\text{GP} \times \text{Credit Hours}) \text{ of all courses in a programme}}{\text{Total Credit Hours of all courses in that Programme}}$$



21.6.2 Grade point (GP) shall be determined on the basis of numerical grade in the following table:

Percentage Marks	Grade Point (GP)	Percentage Marks	Grade Point (GP)	Percentage Marks	Grade Point (GP)	Percentage Marks	Grade Point (GP)
<b>Grade "D" Range of Numerical value</b>		<b>Grade "C+" Range of Numerical value</b>		<b>Grade "B+" Range of Numerical value</b>		<b>Grade 'A' Range of Numerical value</b>	
40	1.0	55	2.35	70	3.25	85.0 and above	4.00*
41	1.1	56	2.42	71	3.30		
42	1.2	57	2.49	72	3.35		
43	1.3	58	2.56	73	3.40		
44	1.4	59	2.63	74	3.45		
<b>Grade "C-" Range of Numerical value</b>		<b>Grade "B-" Range of Numerical value</b>		75	3.50		
45	1.5	60	2.70	76	3.55		
46	1.6	61	2.76	77	3.60		
47	1.7	62	2.82	78	3.65		
48	1.8	63	2.88	79	3.70		
49	1.9	64	2.94				
<b>Grade "C" Range of Numerical value</b>		<b>Grade "B" Range of Numerical value</b>		<b>Grade "A-" Range of Numerical value</b>			
50	2.0	65	3.00	80	3.75		
51	2.07	66	3.05	81	3.80		
52	2.14	67	3.10	82	3.85		
53	2.21	68	3.15	83	3.90		
54	2.28	69	3.20	84	3.95		

\*Students who secure 90% or above would be placed in the Deans Honor list.

Note: Fraction in obtained percentage marks of a course will be rounded to the next whole number. i.e. 52.1% and 52.9% rounded to 53%.

21.6.3 If a student fails to obtain prescribed CGPA at the end of each Academic Year (after two consecutive Fall and Spring Semesters and summer semester) his/her admission shall stand cancelled. However, the student may seek fresh admission

21.6.4 The following CGPA is required to retain admission in a program and successful completion

**For Undergraduate and Master Degree Programs:**

a. After first Academic Year (including summer semester), required CGPA is 1.70

b. For the completion of academic program, the required CGPA is 2.00.

After 1st academic year, a student, who obtains CGPA less than 1.70, he/she will be dropped out from University rolls.

And if after 1st academic year, a student, who obtains CGPA 1.70 but less than 2.00, he/she will be promoted on probation (This para should be read in conjunction with 21.7).

However, for undergraduate programs, if a student is dropped out in 6th semester, then two years Associate Degree in the concerned area of study will be awarded to him/her.

**For MS/MPhil Degree Program**

a. At the end of the first academic year, a student must obtain a minimum Cumulative Grade Point average (CGPA) 2.50.

b. A student, who obtains CGPA 2 or more but less than 2.30 upon the completion of first academic year, may be allowed to repeat maximum two courses (if offered) of the lowest grades in order to improve the CGPA and to obtain the minimum of 2.50, failing which the student shall cease to be on the rolls.

c. Only those students who score CGPA = 2.5 will be awarded MS/ M.Phil Degree

#### For PhD Degree Program

a. At the end of the first academic year a student must obtain a minimum Cumulative Grade Point average (CGPA) 3.00.

b. If a student obtains CGPA 2.70 or more but less than 3.00 at the end of first academic year, he/she may be allowed once to repeat maximum two courses of the lowest grade / failed courses, or take the additional course(s).

c. A student, who has failed to maintain CGPA 2.70, may be allowed to repeat maximum two courses (if offered) of the lowest grades in order to improve the CGPA and to obtain the minimum of 2.70, failing which the student shall cease to be on the rolls

## 21.7 PROMOTION and PROBATION (BS and MA/MSc. Programs)

21.7.1 At the end of each academic year (including summer), the student with Cumulative Grade Point Average (CGPA) of 1.70 or more but less than 2.00 shall be promoted to the next semester on probation.

21.7.2 A student with a GPA/CGPA below 1.7 is automatically dropped from the University rolls.

21.7.3 However, at the end of 5th and 7th and subsequent semesters, a student with a CGPA below 1.7 (after availing the maximum chances of probations and summers), he/she shall cease to be the student of the University. However, such a student may apply for an Associate Degree if eligible as per rules.

21.7.4 There shall be two probations allowed for BS and one for MA/MSc in an academic Program.

21.7.5 A student who has been declared to be dropped in 1st, 2nd or subsequent academic years may be re-admitted to the first semester as a fresh candidate.

## 21.8 REQUIRED CREDIT HOURS AND DURATION OF DEGREE PROGRAMS

Following is the minimum and maximum duration of academic programs.

DEGREE PROGRAM	CREDIT HOURS	DURATION	
		MINIMUM	MAXIMUM
Under Graduate Program (BS and BBA etc.)	130	4 Academic Years	6 Academic Years
Masters Programs (MA, M.Com. and MSc etc.)	66 to 72	2 Academic Years	4 Academic Years
MS/M.Phil., MBA and LLM etc.	30 (Minimum 24 credit hours of course work + 06 credit hours of thesis)	1.5 Academic Years (Full Time Student).	04 Academic Years* (Full Time Student).
		3 Academic Years (Part Time Student).	04 Academic Years* (Part Time Student).
PhD Programs	Minimum 18 Credit Hours Course Work + Research Thesis (after qualifying the comprehensive examination) .	3 Academic Years [Minimum course work duration will compose of two semesters (1 year)].	(07+1) 08 Academic Years*

\* Extension for a specific period in cases of M.Phil after 2 years and in PhD after 5 years will be granted on full justification, a progress report by the Supervisor and recommendation by the AS&RB only to those students who maintain their student status and are not absconders. Finally the extension if fully justified should be 5+2 and the 8th year should be for examination, result etc. purpose only. To provide sufficient time for thesis evaluation process, examination and result etc., the thesis should be submitted earlier than 14th semester. Both student and his/her supervisor are responsible to complete every task within 7 years.

## 21.9 REQUIREMENTS FOR THE AWARD OF DEGREE

Within the framework of General Rules/Regulations for the award of a graduate or a postgraduate degree special/specific rules may be applicable to certain degree programs. These rules may be issued by the University in order to ensure quality standards and performance of the candidates. Candidate will be awarded the relevant degree, provided that he /she has

(a) Undertaken a program of study for a period not less than the prescribed period of study given for that program.



- (b) Completed the total credit hours of courses as stated in the regulations for that degree;
- (c) Passed the prescribed examinations;
- (d) Fulfilled minimum course work and lab work requirements,
- (e) Qualified the comprehensive examination (where applicable).
- (f) In case of thesis, passed the Viva Voce and / any other mode of assessment prescribed by the University.

## 21.10 CALCULATION/COMPILATION OF THE FINAL RESULTS

- 20.11.1 The CGPA will be reported up to two decimals and in case of a tie merit, position will be determined on the basis of the weighted percentage marks obtained.
- 20.11.2 Compilation and notification of the results will be issued by the office of the Controller of Examinations.

## 22. SPECIAL EXAMINATION AND INCOMPLETE GRADE

Absence from any scheduled examination is permissible only in extreme situations beyond the control of the student as approved by the Vice Chancellor. Serious illness of the student or death of the immediate family member is regarded as a legitimate reason for scheduling a special examination. Even in an emergency situation, the student or someone on his/her behalf must inform the Chairperson of the Department in writing before the examination. Request for scheduling a special examination should be submitted to the Chairperson, along with other required documents, within one week of missing the examination. The Chairperson will send the case to Controller of Examinations for notification after the approval of the Competent Authority.

If a student appears in mid-term examination but cannot appear in final examination due to the reason(s) beyond his/her control except lecture shortage, may be awarded "I" grade. However, such student may appear within the next semester without enrolment of the said course. If he/she fails to qualify the said course, he/she will be awarded "F" grade.

The special examination of the mid semester examination will be managed by the concerned teacher and chairperson of the department before the commencement of the final examination.

## 23. STUDENT GRIEVANCES AGAINST COURSE INSTRUCTOR

- 23.1 A 05 member Committee constituted of 02 senior faculty members, relevant chairperson of the department and dean, headed by Controller of Examinations to redress the grievances of the students about any course instructor or grades or for any other issue.
- 23.2 In respect of grade, a student must submit the grievance application if any, in writing to the Chairperson the Department within (07) seven working days of the receipt of the grade. The Chairperson of Department shall forward the grievance application to the Committee. It will be mandatory for the Committee to hear both sides (student and the instructor) and will give its final decision within (05) five working days or before the start of registration for the new semester, whichever comes earlier. The decision of the Committee will be deemed final and will be binding on all parties.
- 23.3 A Departmental Committee headed by the Chairman/ Senior Faculty Members will be constituted to check randomly a few answer papers of the final semester examination for uniformity of scoring & covering of the course content.

## 24. COURSES ON PASS/FAIL BASIS FOR UNDERGRADUATES

Courses can be taken on pass/fail basis (deficiency/audit courses). These courses can be taken only to meet the basic requirement for the respective degree program, and the grade awarded toward these courses will not be considered in calculating the GPA or CGPA.

## 25. CANCELLATION OF ENROLMENT

If a student fails to attend any lecture during the first four weeks after the commencement of the semester as per announced schedule, his/her admission shall stand cancelled automatically without any notification.



## 26. INDISCIPLINE IN EXAMINATIONS

- 26.1 Any candidate found guilty of following matters, his/her case will be submitted to Unfair Means Cases Committee constituted by the University. This committee will be constituted of 02 senior faculty members, Director of Students Affairs, headed by senior Professor of the University.
- i. Removes a leaf from his/her answer book, the answer book shall be cancelled.
  - ii. Submits forged or fake documents in connection with the examination.
  - iii. Commits impersonation in the examination.
  - iv. Copies from any paper, book or notes.
  - v. Mutilates the Answer Book.
  - vi. Possesses any kind of material which may be helpful to him/her in the examination.
  - vii. Does anything that is immoral or illegal in connection with the examination and which may be helpful to him/her in the examination.
  - viii. Refuses to obey the invigilation staff or refuses to follow the instructions issued by the University in connection with the examination.
  - ix. Misbehaves or creates any kind of disturbance in or around the examination centre.
  - x. Uses abusive or obscene language on the answer script.
  - xi. Possesses any kind of weapon in or around examination centre.
  - xii. Possesses any kind of electronic device which may be helpful in the examination
- 26.2 His/her case shall result in penalties keeping in view the nature and intensity of offence:
- (i) Cancellation of paper\*
  - (ii) Suspension from programme for one semester
  - (iii) Heavy and light Fine
  - (iv) Expulsion forever from the University
  - (v) Any other.
- \* Unfair Means Cases Committee will decide that the student will have to appear in summer semester/with regular semester for the cancelled paper.

## 27. PERMISSION OF WRITER FOR SPECIAL STUDENTS

- 27.1 A visually impaired student may be allowed to attempt the Mid/Final Examinations of the University on Braille/ Computer/any other means of facilitation.
- 27.2 In case a student is physically handicapped/visually impaired he/she may apply to the Chairperson of the respective department (with medical certificate as proof of her/his disability) for permission to engage a writer in Tests/ Examinations of the University two weeks before the start of Tests/ Examinations. He/She will be allowed 45 minutes (maximum) extra time to solve the question paper.
- 27.3 The qualification of the person who acts as writer of a handicapped student must be at least one step lower than that of the student. (e.g. for level 6 student, the writer should be at the most of level 5).

## 28. RECHECKING OF EXAMINATION SCRIPT

The answer book of a candidate shall not be re-assessed under any circumstances.

- a. While re-checking does not mean re-assessment/re-evaluation/re-marking of the answer book, the Controller of Examination can arrange for re-checking of examination script by any faculty member from the relevant discipline on the complaint/request of students. Controller of Examination or any officer or rechecking committee appointed shall see that:
- (i) There is no computational mistake in the grand total on the title page of the answer book.
  - (ii) The total of various parts of a question has been correctly made at the end of each question.
  - (iii) All totals have been correctly brought forward on the title page of the answer book.
  - (iv) No portion of any answer has been left un-marked.
  - (v) Total marks in the answer book tally with the marks sheet.
  - (vi) The hand-writing of the candidate tally in the questions/answer book.
- b. The candidate or anybody on his behalf has no right to see or examine the answer books for any purpose.
- c. The marks of a candidate could even decrease in the light of (a) (iii) above. In the event of reduction of marks the record shall be corrected accordingly and



revised transcript will be issued.

## 29. DAMAGED/LOST ANSWER SCRIPT

In an exceptional case where an answer script is damaged, lost or destroyed due to unavoidable circumstances, then the student may be given the following options:

- i. Average marks shall be awarded to the student in that subject/course.
- ii. In case of Final Examination, if the candidate so desires, s/he shall be given another chance as a special case to take the Examination in that subject/course in the next examination and no examination fee shall be charged from the student.
- iii. In case of Internal Assessment, if the candidate so desires, s/he shall be given another chance as a special case to take the Make-up Assessment in that subject/course in the same academic session.

## 30. MATTERS RELATED TO DEGREES CONFERMENT

- 30.1 University should conduct Convocation once in a year to award the degrees to the qualified students as per criteria.
- 30.2 Urgent degree can be issued as per policy of University upon the request of student.
- 30.3 Duplicate Degree may be issued (with completion of all requirements) to a candidate in case the original degree is lost/damaged or in case of change in the name of candidate. The candidate has to apply to the Controller of Examinations for the issuance of duplicate degree along with the relevant documentary proof as per University rules.
- 30.4 The Duplicate Degree shall be signed by the Controller of Examinations only.

## 31. AWARDS AND DISTINCTIONS

- 31.1 Medals/Prizes/Rolls of Honor/Positions will be awarded to the students passing their internal as well as external examinations/term papers in the Annual as well as Semester System in the first attempt.
- 31.2 In the Semester System, Letter Grades will be awarded on the basis of GP / GPA / CGPA and Positions would be given on the basis of CGPA. In case two or more students are acquiring same CGPA only then the Position would be decided on the basis of percentage among those students.
- 31.3 The disciplines where number of students is less than 05, no position will be awarded in semester system.
- 31.4 No medal and roll of honor will be granted to candidates who passed the examination in 2nd attempt.
- 31.5 In case the result of the candidate is not declared within the prescribed time of the degree, then no medal will be awarded.
- 31.6 No Medal/Roll of Honor will be awarded in the case of improving CGPA.

## 32. ACADEMIC HONOR CODE TO ENSURE STUDENT AND FACULTY ACADEMIC INTEGRITY

- 32.1 The University will develop and implement a code of academic integrity for all faculty and students to stay away from academic dishonesty in all scholarly endeavors. For any violation of the code, appropriate disciplinary steps prescribed in the honor code will be taken.
- 32.2 The HEC policy for plagiarism will be a prominent part of the Honor Code. A clearly defined process of due diligence by the University is mandatory to deter academic dishonesty and promote ethical principles governing academic behavior.

## 33. SUPERVISORY COMMITTEE

- 33.1 Supervisory committee, research topic and synopsis are proposed by the respective board of Studies and recommended by the Chairman/Director of the institute/Principal and Dean of the faculty concerned shall be approved by the ASRB and would be notified by the Director Advanced Studies.
- 33.2 Supervisory Committee shall consist of 03 members of the department. Therefore, the constitution of the Committee is given as under:
  1. Supervisor
  2. Member-1
  3. Member-2

However, if an outstanding specialist in a major or minor/elective field of study is available outside the department/University, he/ she may be taken as a member of the Supervisory Committee as " Supervisor-2".

- 33.3 Supervisor of the student will act as Chairman of the Supervisory Committee.
- 33.4 Supervisory Committee may be revised with the reasons (retirement, death, left the institution and due to unavoidable circumstances) through respective BOS and finally approved by ASRB. Further all the rules there in laid by HEC from time to time will be followed strictly.
- 33.5 In case, a student duly recommended by the Chairman/ Director/ Principal is concerned to conduct his/her complete/part of thesis research in other institution/ laboratory, is allowed by the office of the Dean/Director; the helping scientist will be taken as Supervisor-2 in the Supervisory Committee of the student. However, the university will not bear any financial liability in this context.
- 33.6 The Professor emeritus may act as supervisor/member of supervisory committee of postgraduate students if he/she is stationed at Faisalabad.
- 33.6 Foreign Faculty members, HEC National Professors/HEC eminent scientists may act as supervisor/member of the supervisory committee provided that they are appointed for three years.
- 33.7 Faculty on Tenure Track System (TTS) / Interim Placement of Fresh PhD program (IPFP) will be considered at par with regular faculty for appointment as member of supervisory committee.
- 33.8 Contract teachers may act as Supervisor / Member of the Supervisory Committee only in M.Phil Program where there is shortage of regular faculty members.

## 34. THESIS/RESEARCH REPORT WRITING AND SUBMISSION

- 34.1 Candidates pursuing a program of study which includes research component must pass the prescribed courses before proceeding with the research work & also fulfill the residential requirements. He/she is required to submit thesis submission form and thesis examination fee before the submission of thesis.
- 34.2 For the evaluation of research reports at under graduate level an examination committee comprising senior faculty members of the department will be formulated by the respective chairperson of the department.
- 34.3 The topic of the Thesis and the panel /list of the External Examiners are to be approved by the Board of Studies of the concerned Department.
- 34.4 Thesis/Research report has to be submitted within 60 days (90 days for PhD) after the last day of termination of last semester unless extension has been approved by the Competent Authority.
- 34.5 The student who will enroll beyond their stipulated limit of the semesters will have to pay an additional tuition fee of 50% for every semester above the regular fee.
- 34.6 The thesis must be prepared in accordance with the guidelines provided by the academic department/faculty concerned.
- 34.7 The thesis duly certified by the Supervisory Committee that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation. A panel of three examiners per student shall be submitted to the CE office by the Chairman of the respective Board of Studies on or before the submission of thesis.
- 34.8 Candidates must submit the required number of the copies of the thesis as determined by the program for the purpose of assessment and examination. Original Plagiarism report along with the certificate from Supervisor and Declaration by the student must be submitted while submitting the thesis to the respective Directorate. The Directorate shall notify the dates for the semi final and final thesis submission.
- 34.9 The thesis shall be evaluated by a Board of Examiners comprising members of the Supervisory Committee and external examiners appointed by the Vice Chancellor from the panel of names recommended by the Board of Studies. The external examiner/s shall be given reasonable time to go through the contents of the thesis critically. Total marks so awarded will be converted into a letter grade as mentioned under clause 16.5 above and average grades on the basis of course work and thesis will then be worked out to calculate the final CGPA.
- 34.10 Supervisor, after consultation with the external examiner shall decide the date, time and venue (in campus) for thesis evaluation.
- 34.11 The thesis evaluation should be completed within six months from the date of dispatch of thesis by the Controller of Examinations to the quarter concerned. The Controller of Examination shall get the approval of the external examiner from the Vice Chancellor and thesis shall be dispatched to him/her accordingly. In case of regret from the first External Examiner nominee(s), second approval of External Examiner nominee (s) shall be sought within eight weeks from the Vice Chancellor by the Controller Examination. However, the Vice Chancellor may allow extension for thesis evaluation up to one year in hardship cases.
- 34.12 The supervisor shall send the award list of thesis examination after counter signature of the Chairperson to the office of the Controller of Examinations after making sure that the student has incorporated the suggested improvements. The Controller of Examinations shall notify the result of the student after receiving three hard bound copies of thesis.
- 34.13 In case of disagreement between the Supervisory Committee and the External Examiner regarding the acceptance of the thesis it shall be referred to another external examiner whose decision shall be final.
- 34.14 If a candidate fails in the thesis examination, he/she will submit a revised thesis within six months after the date of declaration of the result of the last thesis examination,



- on payment of the prescribed thesis examination fee. He/she can avail this chance only once.
- 34.15 If the thesis, submitted by a candidate for final evaluation, is proved to be copied/ plagiarized at the time of viva-voce examination, it will be liable to be rejected on the report of Board of Examiners and the Controller of Examinations will declare the candidate fail in thesis examination. The admission of such candidate shall be cancelled and he/she shall not be readmitted under any circumstances.
- 34.16 If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be re-admitted under any circumstances.
- 34.17 To publish an approved thesis or any portion of it, the student must indicate clearly that the said thesis was submitted to the University as fulfillment of requirement for the Degree Program.
- 34.18 The University reserves the right to use the thesis or otherwise for teaching and research purposes as and when required.
- 34.19 After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 34.20 The Convener of the Board of Studies (BoS) shall act as Chairman of thesis examination.
- 34.21 Color of the thesis cover for various programs will be as under:
- |               |            |
|---------------|------------|
| BS            | Blue       |
| MA/MSc/LLB    | Maroon     |
| MS/MPhil /LLM | Black      |
| PhD           | Dark Green |
- Note: Writing on the thesis cover binding will be in golden, engraved, bold, Times New Roman/Ariel form.
- 34.22 Office of the University will maintain student record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.

## 35. CODE OF ACADEMIC INTEGRITY

- 35.1 Every member of the University community is responsible for upholding the highest standards of honesty at all times. Academic honesty is expected from all the concerned (the students, teachers, technical and administrative staff etc.) of all levels.
- 35.2 Cheating, i.e using or attempting to use unauthorized assistance, material or study aids in examinations or academic work will be called for disciplinary action.
- 35.3 Plagiarism: using the data, or written material without specific or proper acknowledgment is an academic dishonesty that shall result in disciplinary action.
- 35.4 Tempering or an attempt to temper any academic record or transcripts in any manner will result in the termination of the study of the student involved.
- 35.5 Exchanging or passing information to other students through any electronic or network means during an examination is considered cheating and shall be liable to disciplinary action.
- 35.6 Any form of unfair means or irregularity by a student or a group of students will be immediately reported to the Departmental Examination Committee which will forward it to Discipline Committee (Examinations) for establishing facts and fixing responsibility (ies). Severity of penalty imposed on the student can range from termination or expulsion from the Programs for a specified period or monetary fines or both.

## 36. EQUIVALENCE COMMITTEE\*\*

For admission of candidates from other Universities, Colleges, Institutes, etc. to this University whose courses/examinations are different from the corresponding courses/examinations of this university, a standing committee of the Academic Council called the Equivalence Committee, shall be set up to examine the cases of such students and make recommendations to Vice Chancellor for final approval on behalf of the Academic Council. The members of the equivalence committee shall hold office for two years.

\*\*Regarding conversion of grades/marks obtained in Semester system into Annual system or vice versa and course waiver per students under migration.

## 37. VICE CHANCELLOR'S AUTHORITY IN SPECIAL CASES

Notwithstanding anything contrary to these Regulations/Rules, the Vice Chancellor shall have the powers conferred by the statutory bodies to issue order, directions or instructions for the smooth working of the Academic affairs of this University and on the issue(s) which are not covered under these "Semester Rules", where any rule(s) /Regulation(s) are silent or in cases of ambiguity or discrepancy regarding the interpretation of these Rules, the decision of the Vice Chancellor shall be final.

## 38. GENERAL

- 38.1 All the academic matters shall be routed through proper channel i.e. through the Chairperson/Incharge of the Department/Director and Principal/Dean/Coordinator of the faculty concerned.
- 38.2 After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 38.3 Office of the Director, Advanced Studies/ Undergraduate Studies will maintain student's record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.
- 38.4 There should be at least three full time PhD Faculty members in the relevant subject to launch the PhD program.

## MS/MPhil RULES AND REGULATIONS UNDER SEMESTER SYSTEM

### 39. THESIS SUBMISSION AND DEFENSE

- 39.1 A candidate who has secured CGPA 2.5 at least will be allowed to take Research and pursue for the thesis submission but he/she must score CGPA 2.5 for obtaining the degree.
- 39.2 If a student fails to achieve CGPA 2.5 on the completion of course work he/she has to improve courses of lowest grades within maximum credit hours limit to achieve desired CGPA level.
- 39.3 For "Minor Change" in the title of the Synopsis/Thesis, a letter from the Supervisory Committee of the student, will serve the purpose. In case of major change, changed topics will again be submitted in respective BOS.
- 39.4 A panel of 3 examiners will be proposed by respective Supervisor or Chairperson, recommended by the respective Board of Studies.
- 39.5 An examiner shall be appointed by the Vice Chancellor for the evaluation of thesis from the proposed panel.
- 39.6 A student shall submit three copies of the thesis (tape binding) to convenor BoS who shall forward the thesis to the Controller of Examinations for forwarding it to the External Examiner. After the successful completion of examination, student will submit at least three copies of thesis (hard binding); one hard copy shall be kept in the Department, one in the main Library and one by the Supervisor.
- 39.7 If any student has to give the viva in the absence of Supervisor/ Member, the Chairman of the Department/Director of the Institute in which student is enrolled will sign on behalf of Supervisor or Member.  
Note: (In case the Chairperson of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the MS/MPhil thesis defense and a date in this regard shall be fixed with his consultation.
- 39.8 If the thesis, submitted by a candidate for final evaluation, is proved to be copied / plagiarized, it will be liable to be rejected. The admission of such a candidate shall be cancelled and he/she will not be readmitted to MS/MPhil under any circumstances.
- 39.9 If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to MS/MPhil under any circumstances.

## PhD RULES AND REGULATIONS UNDER SEMESTER SYSTEM

### 40. COMPREHENSIVE EXAMINATION (Maximum Two Attempts)

- 40.1 A student admitted to the course shall take a comprehensive examination within two semesters after he/she has successfully completed the approved course work. (Explanation: The comprehensive examination shall be arranged within 10 weeks while the date, time and venue of examination shall be notified within first week of the termination of each regular semester. A student will have to apply for comprehensive examination on the prescribed form.
- 40.2 The comprehensive examination will cover the complete course work. It will be designed to ascertain whether the student has attained the breadth of knowledge and the intellectual maturity necessary to become a successful scholar in his/her chosen discipline. It will not be a mere re-examination of previous courses but will test the students' ability to integrate and assimilate the knowledge obtained from the courses, seminars and independent studies.
- 40.3 A student has to apply on the prescribed form for comprehensive examination to the office of the Director Advanced Studies (for 1st and 2nd attempts). In case the student does not apply/appear in the examination, his/her chance will lapse.



- 40.4 The Controller of Examinations shall, with the approval of the Vice Chancellor, notify the date, time and venue of the examination at least two weeks before the commencement of the examination.
- 40.5 Three papers shall be conducted for comprehensive examinations.
- 40.6 Examiners for the comprehensive examination shall be appointed by the Vice Chancellor, processed through the office of the Controller of Examinations from a panel of examiners (one from panel of three for each paper) proposed by respective Board of Studies.
- 40.7 The appointed panel of examiners will prepare their questions for comprehensive and submit in sealed envelope to the controller of examination through the office of respective chairperson/Incharge.
- 40.8 Each member shall return the marked answer book/s along with the award lists to the office of the Controller of Examinations within seven days after the receipt of the answer book/s.
- 40.9 To pass the examination a student must secure 65% marks in each paper.
- 40.10 If a student does not qualify comprehensive examination, he/she can reappear only in the failed paper but only once in next compressive exam.
- 40.11 If a student fails in the examination he/she will be eligible to appear again but only once; within two semester from the date of declaration of result.
- 40.12 A student who has passed the comprehensive examination shall be deemed to have become a candidate for admission to PhD degree
- 40.13 Special chance of compressive exam may be allowed in special circumstances with the permission of competent authority only.

## 41. THESIS SUBMISSION AND DEFENSE

- 41.1 A student shall be entitled to submit thesis for examination after he/she has qualified the approved course work, qualified the comprehensive examination (written) and has also fulfilled the residential requirements. He/she is required to submit thesis examination fee before the submission of semi-final thesis.
- 41.2 The thesis shall be completed according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director advanced Studies within 90 days after the termination of the semester.
- 41.3 The thesis must be an original and scholarly contribution to the knowledge of the candidate's chosen field of study.
- 41.4 Publication of one research paper in a journal (prescribes in annexure-1) is essential for the submission of thesis in office of Directorate of Advanced Studies.
- 41.5 The thesis duly certified by the Supervisory Committee (at least one from committee) that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation.
- 41.6 A PhD candidate is required to submit at least five copies of his PhD thesis for evaluation.
- 41.7 A panel of 10 foreign external examiners will be proposed from developed countries except the subject where limitations apply by respective Supervisor or Chairperson, recommended by the respective Board of Studies and ASRB. These examiners should be from at least HEIS/ Universities or research organizations of developed countries. At the same time a panel of minimum 10 local/national external examiners approved by the BoS will be submitted for approval from the competent authority who will appoint two foreign for evaluation of thesis and two local external examiner for conduct of viva From the two national examiners one will act as evaluator and submit his report but the other will act as examiner only, and both will take the viva exam/thesis defense.
- 41.8 Each External Examiner shall explicitly state in his/her report:
- a) Whether or not the thesis is of sufficient merit to justify the award of PhD Degree to the candidate.
  - b) Whether the candidate should be allowed to revise and re-submit his thesis. In the later case the broad lines on which the thesis should be revised must be clearly stated.
- 41.9 If both the foreign examiners reject the thesis, the candidate shall be declared as failed. However, the Advanced Studies and Research Board may allow a student to re-conduct his/her research and re-submit his/her thesis on a new topic as recommended by his Supervisory Committee. This facility would be available only once within the period of residential requirements.
- 41.10 If one of the foreign examiners approves the thesis and the other rejects it, it shall be sent to a third examiner, for evaluation. If the third examiner approves the thesis, the candidate shall be recommended for the award of the degree, otherwise he/she shall be declared as failed.
- 41.11 If one of the foreign examiners approves the thesis and the other is of the view that it is not acceptable in the form in which it has been presented but requires revision, the following procedure shall be followed:
- (i) The supervisory committee of the candidate may either:
    - (a) write to the examiners concerned explaining why it is not possible to revise the thesis and taking the position that it should be examined in its original form, or
    - (b) if the views of the examiner were acceptable to the Committee, require the candidate to revise and re-submit the thesis within a period not exceeding two semesters, for re-evaluation.

- (ii) If the examiner approves the original thesis or the revised thesis, as the case may be, the candidate shall be recommended for the award of the degree.  
 (iii) In case of disagreement between the supervisory committee and the examiner, the matter shall be referred to the Advanced Studies and Research Board which may suggest such action as it may consider expedient.
- 41.12 If both the examiners express the opinion that the thesis as presented is not acceptable, but requires revision, the following procedure shall be adopted:  
 (i) In case the lines, on which the examiners have suggested revision of the thesis, are substantially the same and are acceptable to the Supervisory Committee, they shall call upon the candidate to revise the thesis on these lines and re-submit it within a period not exceeding two semesters for reevaluation. The revised thesis shall then be sent to the examiners.  
 (ii) In case the lines on which the examiners have suggested revision are not acceptable to the Supervisory Committee, the matter shall be referred to the Advanced Studies and Research Board which may suggest such action as it may consider expedient.  
 (iii) In case a candidate, who is required to revise and re-submit his/her thesis, does not do so within the period allowed, he/she shall be declared to have failed.
- 41.13 Publication of one research paper in a journal (prescribes in annexure-1) is essential for submission of thesis in office of Directorate of Advanced Studies. The financial incentive to the teacher will be redeemable after the publication of the paper. The name of the authors must include the names/s of supervisor/s.
- 41.14 Student is required to submit the finally approved three copies of hardbound PhD thesis along with two CDs one for HEC and one for University Library.
- 41.15 The color of hard bound cover of PhD program thesis shall be Dark Green.
- 41.16 If the thesis, submitted by a candidate for final evaluation, is proved to be copied / plagiarized, it will be liable to be rejected. The admission of such a candidate shall be cancelled and he/she will not be readmitted to PhD under any circumstances.
- 41.17 If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to PhD under any circumstances.

## 42. GENERAL REGULATIONS

- 42.1 While defending PhD Thesis by a PhD scholar in the absence of supervisor or Member, the Chairman of the Department/Director of the Institute in which student is enrolled will sign on behalf of supervisor-II or member. Note: (In case the Chairman of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the PhD thesis defense and a date in this regard shall be fixed with his consultation.
- 42.2 For "Minor Change" in the title of the Synopsis/Thesis, a letter from the Supervisory Committee of the student, will serve the purpose.
- 42.3 In case of major change, the student will have to defend it again at University level evaluated by the Supervisory Committee.
- 42.4 The student who enrolls extra semesters beyond the minimum residential period (six semesters) will have to pay full semester fee for each and every extra semester..
- 42.5 After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 42.6 A candidate who has fulfilled all the requirements prescribed for the course shall be awarded the Degree of Doctor of Philosophy.
- 42.7 The maximum number of PhD students under the supervision of a full time faculty member will be only 05 which may be increased to 08 following the rules provided by the HEC.

## RULES REGARDING THE AFFILIATED COLLEGES (GOVERNMENT / PRIVATE)

### 43. SEMESTER SYSTEM BASED DEGREES

The apportionment of marks is as under

(a) Mid-semester examination	20%
(b) At least 02 Assignments and 02 quizzes/ presentations.	10%
(c) Final examination (at least 20% of Final Exams will consist of Mid Term Course).	70%
<b>Total</b>	<b>100%</b>

Mid and final term exams are mandatory. The University will conduct the final term examination and will manage the paper settings, invigilation and paper marking etc.



## 44. ASSOCIATE DEGREE PROGRAMS

As per the directions of Government of Punjab and HEC, it is recommended to phase out the BA/BSc programs and the launch of two-year Associate Degree Program (ADP) in its affiliated colleges and for external/private candidates. An Associate Degree is a two-year post-intermediate or equivalent academic degree. The concept behind introducing the associate degree program is to offer a skilled based degree. Associate degree is offered primarily in market driven subjects. The degree shall be considered as equal to 14-year Bachelor (Pass) degree.

The primary types of Associate Degree are:

- Associate Degree in Arts (ADA)
- Associate Degree in Science (ADS).
- Associate Degree in Commerce (ADC)

The nomenclature of two-year BA/BSC and B.Com. degrees would be Associate Degree in Arts, Associate Degree in Science and Associate Degree in Commerce respectively for regular and private students. The system of examination for ADP will include annual and supplementary examinations. The concerned Board of Studies will frame the curricula of such programs.

**Annexure 1:** National and International Research Journals for all disciplines in line with the instructions of HEC. (The below mentioned criteria will be modifiable as per future guidelines of HEC).

The International Science and Social Sciences Journals having an Impact Factor (IF) and are listed in Journal Citation Report (JCR of ISI ( <a href="http://www.isiknowledge.com">www.isiknowledge.com</a> )) are considered as HEC Recognized Journals.	“W”	<ul style="list-style-type: none"> <li>• BPS appointment/promotions in all faculties.</li> <li>• Publication of research work of PhD degree notification/ thesis submission in all faculties.</li> <li>• MS/PhD* Thesis honorarium in all faculties.</li> <li>• Tenure Track System in all faculties.</li> <li>• Research Productivity Award (GCUF), as approved by the University in all faculties.</li> </ul>
All the International Research Journals (Social Sciences) indexed in the relevant indexing agency and listed in ISI Master Journal List. (The journals indexed in ISI master journal list and also listed in Beall’s list of Predatory Journals / Fake, Hijacked Journals will not be considered for grant of degree or any other benefits.)		<ul style="list-style-type: none"> <li>• Publication of research work of PhD degree notification/ thesis submission (Social Sciences**).</li> <li>• MS / PhD* thesis honorarium (Social Sciences**).</li> <li>• Research Productivity Award (GCUF, Social Sciences only – in such cases, which are claimed from the theses of students), as approved by the University. (This criterion is only for Social Sciences faculties, HEC has set minimum criteria, and University reserves the rights to make the criteria further stringent.)</li> </ul> <p>Moreover, for science subjects, articles of such students who have published their papers in ISI Indexed Master Journal List as a requirement of their PhD degrees, will also be accepted till 31-12-2019</p>
All the Local Research Journals (Sciences and Social Sciences) recognized by HEC.	“X”	<ul style="list-style-type: none"> <li>• BPS appointment/promotions in all faculties.</li> <li>• Publication of research work of PhD degree notification/ thesis submission in all faculties.</li> <li>• MS/PhD* Thesis honorarium (Social Sciences**).</li> <li>• Tenure Track System (Social Sciences**).</li> <li>• Research Productivity Award (GCUF, Social Sciences only), as approved by the University.</li> </ul>
All the Local Research Journals (Social Sciences) recognized by HEC.	“Y”	<ul style="list-style-type: none"> <li>• BPS appointment / promotions (Social Sciences**).</li> <li>• Publication of research work of PhD degree notification / thesis submission (Social Sciences**).</li> <li>• MS / PhD* Thesis honorarium (Social Sciences**).</li> <li>• Research Productivity Award (GCUF, Social Sciences only) as approved by the University.</li> </ul>
All the Local Research Journals recognized by HEC. Only for Pakistani Regional Languages*** (e.g. Punjabi, Pashto, Sindhi, Balochi, Brahavi, Saraiki, Persian, etc.,)	“Z”	<ul style="list-style-type: none"> <li>• BPS appointments/ promotions (Only for Pakistani Regional Languages).</li> <li>• Publication of research work of PhD degree notification/ thesis submission (Only for Pakistani Regional Languages).</li> <li>• MS/PhD* thesis honorarium (Only for Pakistani Regional Languages).</li> </ul>







# **Admission Policies**

## A- Admission Policy/Criteria for Undergraduate BS (4-Year) Programs

### Morning and Replica Program

1. All genders having domicile of Punjab are eligible for admission.
2. The maximum age limit for the eligibility is 20 years. However the age will be relaxed upto 4 year by the Competent Authority.
3. The candidates with at least 45% marks in FA/FSc/ICoM/ICS or equivalent i.e A Level examination are eligible to apply for all programs except Pharm-D, DPT, Medical Health Professional Programs (Medical Lab Technology (MLT), Radiography & Imaging Technology (RIT), Operation Theater Technology (OTT) where at least, 60% marks are required as per the requirement of the respective councils.
4. For BSc Electrical/ Mechanical /Civil /Chemical Engineering Technology programs, BSCS, BSIT and BSSE programs at least, 50% marks are required as per the requirement of the respective councils.
5. Admission will be granted strictly on merit i.e. on the basis of the marks obtained in FA/FSc/ICoM/ICS or equivalent i.e A Level examinations in 2nd annual 2019 and 1st annual 2020 for morning and replica programs only. However, candidates of the earlier sessions will be considered by deducting 10 marks for each year for Replica programs only.
6. Admission will be granted provisionally subject to verification of the certificates of the candidates from the relevant Secondary Board. Equivalence certificate is required from IBCC Islamabad/Lahore (where applicable).
8. Entry test is compulsory for BSc Electrical/ Mechanical /Civil /Chemical Engineering Technology programs.
9. Entry Test (LAT) conducted by HEC is Compulsory for admission in LLB 5 Year.
10. The following pre-requisites have been proposed for the respective undergraduate Programs with the condition that the candidates must have studied these subjects in FSc or higher secondary level for respective Programs:

BS Economics , LLB (5-years), BEd (Hons) Elementary, BBA	FSc (Pre-Medical/Pre-Engineering), ICS and A Level
BS Home Economics	i) FA/ FSc or equivalent and Matric with Science ii) DAE in the relevant Subject (05 seats Morning and Replica)
BS Food Science & Technology	i) FSc (Pre-Medical/Pre-Engineering) and A Level ii) DAE, Food Technology (2% seats)
BS Human Nutrition and Dietetics	i) FSc (Pre-Medical/Biological Sciences) and A Level or Equivalent



BS Electrical Engineering	<p>At least, 60% marks are required in F.Sc. 1st year or DAE (first two years) as per the requirement of the PEC. Merit Calculation/ aggregate marks are computed according to the following formula</p> <ul style="list-style-type: none"> <li>• In case of Intermediate stream i.e. FSc (Pre-Engineering/Pre-Medical with additional subject of Mathematics):             <ol style="list-style-type: none"> <li>a) UET Entry Test (ET) Percentage Marks: 30% weight in merit aggregate.</li> <li>b) Matric Percentage Marks: 25% weight in merit aggregate.</li> <li>c) First Year Percentage Marks: 45% weight in merit aggregate.</li> </ol> </li> <li>• In case of Diploma of Associate Engineer (DAE) stream i.e. DAE, Electrical (only 2% seats):             <ol style="list-style-type: none"> <li>a) UET Entry Test (ET) Percentage Marks: 30% weight in merit aggregate.</li> <li>b) Sum of First- and Second-Years Percentage Marks: 70% weight in merit aggregate.</li> </ol> </li> <li>• In case of foreign qualification:             <ol style="list-style-type: none"> <li>a) UET Entry Test (ET) Percentage Marks: 30% weight in merit aggregate.</li> <li>b) Marks earned in 11th Class ("O" level or equivalent): 70% weight in merit aggregate.</li> </ol> </li> </ul> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>a) After the result announcement, in case the candidate fails to obtain overall 60% marks in FSc part - I &amp; II or DAE (which is a basic eligibility requirement imposed by PEC), his/her admission will be cancelled and fee will be refunded as per university rules.</li> <li>b) For admissions of "A" level candidates, students should have to score at least a "C" grade in Physics, Mathematics and Chemistry.</li> <li>c) In case of foreign qualification, letter grade will be converted to marks by Inter Board Committee of Chairmen (IBCC) formula. IBCC equivalent certificate is required to be submitted after admission.</li> <li>d) In case the candidate has already completed his/her intermediate or equivalent qualification, their Part-I result would be used in computation of Aggregate.</li> <li>e) Number of Seats: 80 (Including all quotas. Sports quota is not applicable for admission in BS Electrical Engineering)</li> <li>f) All other admission regulations will be as per university rules</li> </ol>
BSc Electrical Engineering Technology BSc Mechanical Engineering Technology BSc Civil Engineering Technology BSc Chemical Engineering Technology	DAE Electrical, Electronics, Telecom, Mechanical, Civil and Chemical 50% seats for DAE, 50% seats for F.Sc (Pre-Engineering)
BS Bioinformatics, BS Physics	FSc(Pre-Engineering)/ Pre-Medical / ICS with Physics and Mathematics
BS Mathematics, BS (CS), BS (IT), BS (SE)	FSc (Pre-Engineering/Pre-Medical with additional subject Mathematics) / ICS / DAE only in Electrical and Electronics
BFA	<ol style="list-style-type: none"> <li>a) Intermediate</li> <li>b) The candidate will have to pass the aptitude test conducted by the Department.</li> </ol>

\* (Equivalence certificate from IBCC)

11. 2% seats shall be fixed for the candidates who have passed DAE in the respective discipline / specialization. However, no quota of DAE for BS Physics and BS IT program.
13. The formula for merit calculation of BSc Electrical/ Mechanical /Civil /Chemical Engineering Technology Programs i.e.
  - i. DAE/FSc 70% weightage and entry Test (UET/University Test) 30% weightage

14. Besides the open merit, the candidates may apply against the reserved seats for different programs as explained below:
- a. For Morning Programs:** Besides the open merit, the candidates may apply the reserves seats i.e. 2% seats for co-curricular activities, 2% seats for sports, 2% seats for disabled, 2% seats for children of university employees (1% for teaching and 1% for non-teaching), 5% seats for Gilgit/Baltistan and Baluchistan, and 5% seats for overseas Pakistani in all other morning programs except Law. Furthermore, one seat for the children of shuhada of Armed Forces and Police personnel However, in LLB 05 year program 5% quota for Lawyers Son/Daughter (nominated by Punjab Bar Council) and 2% quota for minorities. Furthermore, there will be no sports and co-curricular quota for Pharm-D, BS Electrical Engineering.
  - b. For Replica Programs:** Besides the open merit. 2% seats are reserved for children of university employees (1% for teaching and 1% for non-Teaching).
- Note:**
- a. Only such candidates will be admitted on sports quota who have played at Board level.
  - b. Admission on the reserved/quota seats will be completed by the specified committee (s) in accordance with the admission rules for reserved seats.
  - c. Hafiz-e-Quran will be given 20 marks.

The fee shall be charged from the candidates under the quota of overseas Pakistanis twice the regular fee.





## B- B- Admission Policy/Criteria for Graduate Programs i.e. Master (2-Year) & Professional Programs i.e. MPA (2-Year), MBA and Executive MBA (18 Year Education)

### Morning and Replica Program

1. All genders having domicile of Punjab are eligible for admission.
2. The candidates shall be eligible to apply for admission, who have:
  - a. At least 45% marks in terminal degree.
  - b. However subject marks will be added while calculating the merit in which admission is being sought (where applicable) i.e. Applied Linguistics, Applied Psychology, Applied Chemistry, Botany, Chemistry, Computer Science, Economics, English, Mathematics, Physics, Statistics and Zoology. A student who have passed BA/BSc with Mathematics or Statistics will be eligible for admission in Economics. For MSc Physics, Mathematics A, Mathematics B and Physics OR general Mathematics and Physics compulsory.
3. The candidates who have passed BA/BSc/BCom or equivalent examination in 2nd Annual 2019 and 1st Annual 2020 will be considered for admission in morning programs. In case of Replica programs, the candidates of earlier sessions will be considered by deducting 10 marks for each year.
4. The maximum age limit for the eligibility is 22 years. However the age will be relaxed upto 4 year by the Competent Authority.
5. For admission to B.Ed (1.5 year) program, the Candidate must have passed MA/MSc (16 year education), maximum 3 marks for teaching experience (one mark for each year) and Maximum age 50 years
6. Admission applications will be submitted online and merit lists will also be displayed on website and students will also be informed through SMS alert.
7. The admission will be granted on open merit on the basis of following formula:
  - a. Total marks in BA/BSc/B.Com, in case of variation total marks will be converted out of 800 + marks obtained in the major subject (where applicable). However, \*Hafiz-e-Quran will be given additional 20 marks.
  - b. Total marks in BA/BSc/B.Com or equivalent + 20 marks for Hafiz-e-Quran\*.  
\* 20 marks for hafiz e Quran will be granted to those candidates who will be declared successful after evaluation by the requisite committee constituted for this purpose.
8. Criteria for MEd: Total marks in BEd+ 10 additional marks will be awarded to the candidates having Master degree in any subject.
9. 5% seats are fixed for the candidate(s) who have passed Associate Degree program in the relevant subject.
10. Besides the open merit, the candidates may apply against the reserved seats for different Programs as explained below:
  - a. For Morning and Replica Programs: Besides the open merit, the candidates may apply against the reserved seats i.e. 2% seat for disabled, 2% seats for Sports, 2% seats for children of university employees (1%for teaching and 1% for non Teaching).

### Executive Program

1. All genders having domicile of Punjab are eligible for admission.
2. The candidates shall be eligible to apply for admission
  - a. who have at least 45% marks in terminal degree.
  - b. No age limit
3. The following programs will be offered under this category:

Name of program	Number of seats
Criminology	30
MPA	30
Executive MBA	30
B.Ed (1.5 year)	50

4. Experience of two year of Government, Semi Government or well-reputed Private Institutions, timing of the Executive Program will be after 4 P.M.

**The Following Committees are constituted for BS Morning and Replica Program.**

**1) A Hafiz-e-Quran candidate shall be evaluated by the following committee.**

- |    |                                                                                            |          |
|----|--------------------------------------------------------------------------------------------|----------|
| 1. | Dr. Ghulam Shamas Ur Rehman<br>Chairman,<br>Department of Islamic Studies and Arabic       | Convener |
| 2. | Dr. Iftikhar Ahmad Khan<br>Assistant Professor<br>Department of Islamic Studies and Arabic | Member   |
| 3. | Hafiz Muhammad Asghar<br>Lecturer,<br>Department of Islamic Studies and Arabic             | Member   |
| 4. | Hafiz Hamid Hammad<br>Assistant Professor,<br>Department of Islamic Studies and Arabic     | Member   |

**2) Reserved Seats Committee**

**a. Reserve Seats / Sports**

- |    |                                                                            |                  |
|----|----------------------------------------------------------------------------|------------------|
| 1. | Prof. Dr. Nasir Amin<br>Department of Physics<br>Chairman Sports Committee | Convener         |
| 2. | Prof. Dr. Zahed Mehmood<br>Director Undergraduate Studies                  | Member           |
| 3. | Dr. Nadeem Sabir<br>President of Hockey GCUF                               | Member           |
| 4. | Expertise in Sports<br>Relevant to the specific Game                       | Co-opted Member  |
| 5. | Mr. Muhammad Rafique Wahla,<br>Director Sports                             | Secretary/Member |

**b. Reserve seats for Gilgat/Biltistan/Baluchistan/Co-curriculum/Disables/Employees of GCUF/Serving/Retired Armed Forces/Martyred of Armed/Police personals**

- |    |                                                                                                                     |                       |
|----|---------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1. | Prof. Dr. Zahed Mehmood<br>Director Undergraduate Studies                                                           | Convener              |
| 2. | Prof. Dr. Sofia Anwar<br>Director Advanced Studies                                                                  | Member                |
| 3. | Dr. Salma Sultana<br>Director Academics                                                                             | Member                |
| 4. | Dr. Rizwan ullah Kokab<br>Associate Professor<br>Chairperson History and Pak. Studies/<br>Incharge Debating Society | Member                |
| 5. | Dr. Muhammad Afzal<br>Deputy Chief Medical Officer                                                                  | Member (Disable Seat) |
| 6. | Dr. Nadeem Sohail<br>Director Student Affairs                                                                       | Member/Secretary      |



## C- Admission Policy/Criteria for MS/MPhil/MBA/EMBA Programs

### Morning, Replica and Executive Program

1. The candidates must have passed MA/MSc or BS 4-years (minimum 130 credit hours) or equivalent degree in the relevant field from HEC recognized institution with at least 50% marks (Under Annual System) or 2.50 CGPA (Under Semester System) for admission to MS/MPhil programs. However, minimum 45% marks are required for admission to MS/MPhil in English/Applied Linguistics. Pakistan Engineering Council registration is mandatory for admission in MS Electrical Engineering
2. Admission applications will be submitted online and merit lists will also be displayed on website and students will also be informed through SMS alert.
3. The candidate must have passed with 60% score of departmental subject test. However, the respective Department will arrange the written test and conduct the interview. (Online or Campus Test will be decided by Admission Committee at the time of admission)
4. The respective Dean/ acting Dean of the respective faculty shall supervise the test and interview and ensure the secrecy and transparency of the test.
5. Candidates working in the Government/Semi Government or private institutions shall have to submit "No Objection Certificate" from the concerned organization.
6. Experience of two year of Government, Semi Government or Private Institutions of repute, timing of the Executive Program will be after 4 P.M.
7. Merit Computation for MS/MPhil. Programs:  
Following merit computation formula (percentages) will be adopted:

A Academics (80)	B Subject Test (Qualify)	C Interview (16)	D Research Publication(s) (4)	Total A+C+D (100)
------------------------	--------------------------------	------------------------	-------------------------------------	-------------------------

8. While calculating the merit, 10% marks of the candidates shall be enhanced who have passed under annual system of a category.
  - A. Academics: Merit will be calculated on the basis of the percentage of the Marks of the terminal degree.
  - B. Test: The following committee has been designed to conduct the test.
 

i. Dean of the respective faculty	Convener
ii. Director Advanced Studies/ Nominee	Member
iii. Chairperson of the respective department	Member/ Secretary
  - C. Interview: Interview will be taken by the committee headed by the respective Dean. Other members shall be as below:
 

i. Director Advanced Studies/ Nominee	Member
ii. Chairman of the respective department	Member
iii. Senior faculty member/s from the respective department	Member/ Secretary
  - D. Research Publication (s):  
Following additional marks will be awarded to the candidates for publication of research paper (s)/ publication (s) in HEC recognized journal (s) as under:
 

i. 1 research paper/ publication	=	2 marks
ii. 2 or more research papers/publications	=	4 marks

### Executive Program

1. The following programs will be offered under this category:

Name of program	Number of seats
Public Administration	25



## D- Admission Policy/Criteria for PhD Programs

1. The candidates must have passed MS/MPhil or equivalent with minimum CGPA 3.00 out of 4.00 (Under Semester System) or 1st Division (Under Annual System) from HEC recognized institution. Candidates with MS degree without thesis are not eligible to apply for PhD Electrical Engineering.
2. Admission applications will be submitted online and merit lists will also be displayed on website and students will also be informed through SMS alert.
3. The candidate must have passed departmental subject test or GRE subject test of NTS/HAT Scholarship test with 70% score. However the schedule of the test will be displayed on the University website. (Online or Campus Test will be decided by Admission Committee at the time of admission).
4. The respective Dean/ acting Dean of the respective faculty shall ensure the secrecy and transparency of the test.
5. Candidates working in the Government/Semi Government or private institutions shall have to submit "No Objection Certificate" from the concerned organization.
6. Merit Computation for PhD Programs:  
Following merit computation formula (percentages) will be adopted:

<b>A</b> <b>Academics</b> <b>(80)</b>	<b>B</b> <b>Subject Test</b> <b>(Qualify)</b>	<b>C</b> <b>Interview</b> <b>(16)</b>	<b>D</b> <b>Research Publication(s)(4)</b>	<b>Total</b> <b>A+B+C</b> <b>(100)</b>
---------------------------------------------	-----------------------------------------------------	---------------------------------------------	-----------------------------------------------	----------------------------------------------

Note: While calculating the merit, 10% marks will be enhanced of the candidates passed under annual system of A category.

- a. Academics:  
MS/MPhil or equivalent: Minimum 1st Division (Annual System) or 70% marks or 3.00 (out of 4.00) CGPA (Under Semester System)
- B. Test: Qualifying (with 70% marks) as per HEC policy.  
The following committee has been designed to conduct the test.
 

i. Dean of the respective faculty	Convener
ii. Director Advanced Studies/ Nominee	Member
iii. Chairperson of the respective department	Member/ Secretary
- C. Interview:  
Interview will be taken by the committee headed by the respective Dean. Other members shall be as below:
 

i. Director Advanced Studies/ Nominee	Member
ii. Chairman of the respective department	Member
iii. Senior faculty member/s from the respective department	Member/ Secretary
- D. Research Publication(s):  
Following additional marks will be awarded to the candidates for publication of research paper (s)/ publication (s) in HEC recognized journal (s) as under:
 

i. 1 research paper/ publication	= 2 marks
ii. 2 or more research papers/publications	= 4 marks



## E- (BS/BSc/Equivalent 4-Year) Programs

Sr No.	Disciplines	No. of Seats	
		Morning	Replica
1	Accounting and Finance	50	Nil
2	Applied Chemistry	50	50
3	Applied Linguistics	50	50
4	Applied Psychology	50	50
5	Arabic	30	Nil
6	Art and Design	180	150
7	BBA	150	150
8	BEd (Hons) Elementary	50	Nil
9	Bio Chemistry	50	50
10	Bioinformatics	50	50
11	Biotechnology	50	50
12	Botany	50	50
13	BS Electrical Engineering	80	Nil
14	BSC Chemical Technology	50	Nil
15	BSc Civil Engineering Technology	50	Nil
16	BSc Electrical Engineering Technology	50	Nil
17	BSc Mechanical Engineering Technology	50	Nil
18	Chemistry	50	50
19	Commerce	50	50
20	Computer Science	50	50
21	Eastern Medicine & Surgery	50	Nil
22	Economics	50	50
23	English Literature	50	50
24	Environmental Sciences	50	50
25	Food Science & Technology	50	50
26	Geographic Information System & Remote Sensing	50	30
27	Geography	50	30
28	History	50	50
29	Home Economics	50	40
30	Human Nutrition & Dietetics	50	50

Sr No.	Disciplines	No. of Seats	
		Morning	Replica
31	Information Technology	50	50
32	International Relations	50	50
33	Islamic Studies	50	50
34	Mass Communication	50	50
35	Mathematics	50	50
36	Medical Lab Technology	50	50
37	Microbiology	50	50
38	Operation Theater Technology	50	Nil
39	Orthotics and Prosthetics	50	Nil
40	Pakistan Studies	50	50
41	Persian	30	Nil
42	Physics	50	50
43	Physiology	50	Nil
44	Political Science	50	50
45	Politics and parliamentary Studies	50	30
46	Public Administration	50	50
47	Punjabi	30	Nil
48	Radiography and imaging Technology	50	Nil
49	Sociology	50	50
50	Software engineering	50	50
51	Statistics	50	50
52	Urdu	50	50
53	Zoology	50	50

**Note:**

40 seats on open merit and 10 seats in addition to the 40 seats in every program of all the morning & replica programs in all (BS) shall be allowed on bench fee payment of Rs.25000/- per semester in addition to the regular fee of the program.

## F- (BS/BSc/Equivalent 5-Year) Programs

Sr No	Disciplines	No. of Seats (Open merit)	
		Morning	Replica
1	Doctor of Physical therapy	50	50
2	Law (05 Year)	100	50
3	Pharmacy (Pharm-D)	60	Nil

Note:

10 seats in each programs have been fixed on bench fee i.e payment of Rs 25000/- per semester in addition to the regular fee.

## G- Masters Programs

Sr No	Disciplines	No. of Seats (Open merit)	
		Morning	Replica
1	Applied Chemistry	50	50
2	Applied Linguistics	50	50
3	Applied Psychology	50	50
4	Arabic	30	Nil
5	Biotechnology	50	50
6	Botany	50	50
7	Chemistry	50	50
8	Commerce	50	50
9	Computer Science	50	50
10	Criminology	Nil	Nil
11	Economics	50	50
12	Education	50	50
13	English Literature	50	50
14	Environmental Science	50	50
15	Geography	50	30
16	History	50	Nil
17	International Relations	50	50
18	Islamic Studies	50	Nil
19	Library & Information system	50	Nil
20	Mass Communication	50	Nil
21	Mathematics	50	50
22	Pakistan Studies	50	Nil

Sr No	Disciplines	No. of Seats (Open merit)	
		Morning	Replica
23	Physical Education and Sports Science	50	50
24	Physics	50	50
25	Political Science	50	30
26	Public Administration	50	50
27	Public Health	Nil	50
28	Punjabi	30	Nil
29	Sociology	50	50
30	Statistics	50	50
31	Urdu	50	50
32	Zoology	50	50

Note:

40 seats on open merit and 10 seats in addition to the 40 seats in every program of all the morning & replica programs in all (Master) shall be allowed on bench fee payment of Rs.25000/- per semester in addition to the regular fee of the program.



## H- MS/MPhil Programs

Note: Minimum Class size not less than 10

Sr No	Disciplines	No. of Seats	
		Morning	Replica
1	Applied Chemistry	30	30
2	Applied Linguistics	30	30
3	Arabic	20	Nil
4	Art and Design	20	Nil
5	Biochemistry	30	30
6	Bioinformatics	30	Nil
7	Biotechnology	30	Nil
8	Botany	30	Nil
9	Business Administration	30	30
10	Chemistry (Analytical, Organic, Inorganic, Physical)	120	Nil
11	Commerce	25	Nil
12	Computer Science	20	20
13	Economics	30	30
14	Education	30	Nil
15	Electrical Engineering	30	30
16	English Literature	30	30
17	Environmental Sciences	30	30
18	Food & Nutrition ***	30	Nil
19	Food Science & Technology	30	Nil
20	Geography	20	Nil
21	History	20	Nil
22	Human Nutrition and Dietetics **	20	Nil
23	Information Technology	20	Nil
24	Islamic Studies	30	Nil
25	LLM	20	Nil

Sr No	Disciplines	No. of Seats	
		Morning	Replica
26	Mass Communication	20	Nil
27	Mathematics	30	30
28	Microbiology	30	30
29	Pakistan Studies	20	Nil
30	Persian	20	Nil
31	Pharmaceutical Chemistry	20	Nil
32	Pharmaceutics	30	Nil
33	Pharmacology	20	Nil
34	Physics	30	20
35	Physics (Nano Technology)	20	Nil
36	Physiology	20	Nil
37	Phytomedicine	20	Nil
38	Political Science	20	Nil
39	Public Administration	25	Nil
40	Punjabi	20	Nil
41	Sociology	30	Nil
42	Software Engineering	30	Nil
43	Statistics	30	30
44	Urdu	30	20
45	Zoology	30	30

\* The seats will be linked with the strength of the requisite faculty concerned. However on the recommendations of the admission committee the Competent Authority will decide to reduce/enhance the seats where necessary.

\*\* Admission in Human Nutrition and Dietetics Subject to the NOC by HEC.

\*\*\* After initiation of Human Nutrition and Dietetics, Admission in Food & Nutrition will be stopped

## I- MBA / EMBA (18 Years Education)

Sr No	Disciplines	No. of Seats	
		Morning	Replica
1	MBA	80	80
2	EMBA	Nil	30 (Evening)

## J- PhD Programs

Sr.	Disciplines	No. of Seats
		Morning
1	Applied Linguistics	10
2	Applied Psychology	10
3	Arabic	10
4	Biochemistry	10
5	Biotechnology	10
6	Botany	10
7	Business Administration	10
8	Chemistry	10
9	Computer sciences	10
10	Eastern Medicine	10
11	Economics	10
12	Education	10
13	Electrical Engineering	10
14	English Literature	10
15	Environmental Sciences	10

Sr.	Disciplines	No. of Seats
		Morning
16	Food Science and Technology	10
17	Geography	10
18	History	10
19	Human Nutrition and Dietetics	10
20	Islamic Studies	10
21	Mathematics	10
22	Microbiology	10
23	Pharmaceutical Chemistry	10
24	Pharmaceutics	10
25	Pharmacology	10
26	Physics	10
27	Physiology	10
28	Sociology	10
29	Urdu	10
30	Zoology	10

General Rules for Admission:

University reserves the right to change any clause of admission policy/number of seats or refuse admission to any applicant on disciplinary grounds.

The Vice Chancellor is authorized to amend any clause of the admission policy and admission schedule according to requirement.

Note: Admission schedule will be announced separately with the permission of the Vice Chancellor.

\* The seats will be linked with the strength of the requisite faculty concerned. However, on the recommendations of the admission committee, the Competent Authority will decide to enhance the seats where necessary.



# CODE OF CONDUCT



Conduct is the set of rules & regulations to maintain discipline among the students. This Code of Conduct will be enforced in the University, in the constituent Institutes and Sub-Campuses.

The Government College University Faisalabad (GCUF) has emerged as a leading research University in Pakistan. The University is fulfilling its responsibility of graduating culturally enlightened, technologically knowledgeable, academically competent and research oriented productive citizens who are prepared to lead, inspire, and serve humanity. The University wholeheartedly commits itself and all its resources to this sacred trust and responsibility.

The GCUF community comprises of a diverse population of students in pursuit of academic excellence. It strives to refine the ability of students to reason and to communicate freely and clearly so as to become responsible, morally equipped and moderate. It is therefore expected that these attributes, in turn, should be reflected in their everyday behavior, attitude and dress.

GCUF believes that the regulations, guidelines and safeguards described herein are indispensable features to maintaining an academic environment.

## Definition of Terms

Unless there is anything repugnant in the subject or context, the expressions used in these regulations and defined or used in this Code of Conduct shall have the meaning assigned to them respectively.

Definitions of different terms are:

1. Complainant means a person who makes a complaint or reports a violation of the University Code of Conduct or University regulations and policies.
2. Intentional means deliberate.
3. Respondent means a person who has been accused of violating the University Code of Conduct.
4. Student means any currently enrolled person for whom the Institution maintains educational records, as defined by the University regulations.
5. Reckless means careless or heedless of the potentially harmful consequences of one's behavior, where risk of harm to persons, property or normal University operations exists or can be reasonably foreseen.
6. University Official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position.
7. Authority: means Vice Chancellor, Discipline Committee and DSA, as the case may be.
8. Discipline Committee means a Committee constituted under rules of the University consisting of members and co-opted members.
9. Punishment: includes any penalty which Discipline Committee deems fit, defined in the rules.
10. DSA: means Director Student's Affairs and includes other officers of the Directorate.
11. DDC: means Departmental Discipline Committee consisting of not more than three members out of which one will be the Convener.
12. Officer: means Officers of BPS-17 and above of the University in academic & nonacademic departments and includes members of vigilance squad.

13. Fine: Fine imposed by the Committee or recommended by an officer, member of vigilance squad or by any person approved by the Authority.

14. Chairperson: means chairperson of the teaching department.

## Academic Dishonesty

Academic dishonesty is an act of fraud, which may include misrepresentation, deceit, falsification, or trickery of any kind that is done by the student with the purpose, intent, or expectation of influencing a grade or other academic evaluation.

Academic dishonesty also includes forgery and falsification of University academic documents, intentionally impeding or damaging the academic work of others, or assisting other students in acts of dishonesty. Common examples of academically dishonest behavior include, but are not limited to, the following:

1. **Cheating:** Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise; copying from another student's examination sheet; submitting work prepared in advance for an in-class examination; taking an examination for another person or conspiring to do so.
2. **Fabrication:** Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
3. **Facilitating academic dishonesty:** Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.
4. **Plagiarism:** Intentionally or knowingly or unknowingly representing the words or ideas of another as one's own in any academic exercise; failure to attribute direct quotation, paraphrase, or borrowed facts or information.
5. **Unauthorized Collaboration:** Providing, either knowingly or through negligence, one's own work to assist a student in satisfying a course requirement, or representing material prepared by or with another as one's own independent work. In instances where students are permitted to work jointly to complete an assignment, instructors will offer clear guidelines about when and how to collaborate; if a student is unsure, it is the responsibility of the student to ask the instructor.

## Unfair Means

Use of unfair means generally covers the following:

1. An attempt to have access to the question paper before the test/examination.
2. Use/possession of unauthorized reference material during test/examination.
3. Any form of communication by the examinees with any one in or outside the test/examination room while the test/examination is in progress.
4. Unauthorized entry into faculty's office or that of his staff with the intention of having an access to or tampering with the official record/exam paper etc.

**Moral Dishonesty:** Moral dishonesty means act which does not conform to known norms of decency.

**Extension of the GCUF Code of Conduct:** The GCUF Code of Conduct applies to conduct that occurs on the University premises, at GCUF sponsored activities and to



off-campus conduct that adversely affects the University reputation and/or the pursuit of its objectives. Each member of GCUF shall be responsible for his/her conduct.

**Classroom Standards:** The individual faculty member is primarily responsible for managing the classroom environment. If a student engages in any prohibited or unlawful acts or other behavior that results in disruption of a class, he or she may be directed by the faculty member to leave the class for the remainder of the class period and report the matter to the concerned Chairperson/ Incharge, who will forward the matter to DDC/Director Students Affairs. Students must be protected against infringement of their rights and unfair practices.

**Identification/Registration Card:** Each member of the University community is issued a picture Identification/Registration card or visitor's pass, and must wear it at all times while on University premises or at University-sponsored activities. Identification/Registration cards must be presented upon entering University buildings and must be worn while on University premises.

Identification/Registration cards are not transferable. The owner of the card will be called upon to account for any fraudulent use of his or her identification card and will be subject to disciplinary action by the University if he or she has aided such fraudulent use. The card will be forfeited if the student to whom it was issued allows any other person to use the same.

Upon card owner's withdrawal from the University, all rights and privileges related to the identification card will automatically cease. If the student withdraws, or is suspended or expelled, from the University, the identification card must be surrendered to the College/institute as the case may be.

**Visitors and Guests:** Students cannot invite any visitor without the permission of Competent Authority. Students may be held accountable for the acts of misconduct of their guests while on University premises or at University-sponsored activities. Visitors, including invitees shall conduct themselves, at all times, in a manner which is consistent and in line with maintenance of orderly behavior in the University premises.

## Acts of In-discipline/Prohibited Conduct

All students are prohibited from engaging in conduct resulting in, or leading to, any of the following:

**Academic Dishonesty:** Violating the University Policy on Academic Dishonesty by committing, or attempting to commit, academic dishonesty including, but not limited to, cheating, plagiarism, fabrication, facilitating academic dishonesty of others and unauthorized collaboration.

**Abuse, Assault, Threatening Behavior:** Intentionally or recklessly endangering, threatening, or causing physical or mental harm to any person/ student, or oneself, on University premises or at University-sponsored activities, or intentionally or causing reasonable apprehension of such harm including, but not limited to abusive language

and/or physical or verbal intimidation, harassment, coercion etc.

**Firearms, Explosives and Other Weapons:** Illegal or unauthorized use, possession, or storage of firearms, explosives (including, but not limited to fireworks), other weapons, or dangerous chemicals on University premises, with or without a license to possess the same has been issued to the possessor.

**Violation of Disciplinary Sanction:** Violating terms of any disciplinary sanction imposed in accordance with GCUF Statutes.

**Furnishing False Information, Forgery or Unauthorized Use of Documents:** Intentionally furnishing false information to the University and its officials; or misusing affiliation with the University to gain access to outside agency/services; or using false information or University resources to compromise the name of the University. Forgery, unauthorized alteration, or unauthorized use of any University document or electronic transmission, or instrument of identification, or academic and non-academic records, signatures, seals, or stamps thereof.

**Disorderly Conduct or Indecent Behavior:** Engaging in disorderly or indecent conduct; breaching of peace; or aiding, abetting, or hiring another person to breach the peace on University premises or at University-sponsored functions/activities. Any unauthorized use of electronic or other devices to make an audio or video record of any person while on University premises without his or her prior knowledge.

**Theft:** Theft, or attempted theft, of property or services on University premises or at University-sponsored activities.

**Damage to Property or its Destruction:** Intentionally or recklessly destroying or damaging, or attempting to destroy or damage, University property or the property of others on University premises or at University-sponsored activities.

**Non-Compliance With Official Direction:** Failure to comply with reasonable direction of University officials acting in performance of their duties.

**Violation of University Regulations and Policies:** Violating University regulations or policies including amendments and additions adopted since the publication date.

**Alcohol/Drugs/Intoxicants:** Distribution, possession, and consumption of alcohol/drugs/intoxicants on University premises or at University-sponsored activities.

**Unauthorized Access to Facilities:** Unauthorized access or entry to, or use of, University facilities and equipment Unauthorized possession, duplication or use of keys to any University premises, facilities or equipment; or, unauthorized entry to or use of University premises.

**Unauthorized, Use of Computer or Electronic Communication Devices:** Theft or other abuse of computer facilities and resources including, but not limited to:-

1. Unauthorized entry into a file, to use, read, or change the contents, or for any other purpose.



2. Unauthorized transfer of a file.
3. Use of another individual's identification and/or password.
4. Interference with the work of another student, faculty member or University official.
5. Sending obscene, abusive or threatening messages.
6. Transmission of computer viruses.
7. Interfering with normal operation of the University computing system.
8. Unauthorized duplication of software or other violation of copyright laws.
9. Unauthorized access to, or unauthorized, mischievous or malicious use of University computer equipment or networks, or electronic communication devices, or the use of such equipment or devices to gain unauthorized access to, and/or use of, off-campus computer equipment.

**Provoking Others to Misconduct:** Intentionally using words or actions to provoke or encourage others to violent or retaliatory behavior, or other acts of misconduct.

**Identification/Registration Cards:** Failure to wear, or to produce or surrender the identification card upon the request of a University official.

**Animals:** Bringing an animal into any University building, with the exception of animals used for authorized laboratory purposes, or animals being used for security purpose for which express permission has been granted by the University Authority.

**Demonstrations:** Walking in large groups, shouting and talking loudly near class rooms, aimless sitting in corridors after class timings, demonstrations exceeding the bounds of free assembly and demonstrations engaging in unlawful acts that cause or imminently threaten injury to person or property, infringes on the rights of other members of the University community leading to or inciting others to disrupt scheduled and/or normal activities within any campus building or area (or any University sponsored activity).

**Political Activities:** Unauthorized use of University facilities or equipment for political activities.

**Harassment:** Includes the following:

1. Passing remarks, placing visual or written material, aimed at a specific person or group:
  - a. With the intention of causing harm to the person or group; and/or,
  - b. Creating an environment which limits a student's educational opportunity.
2. Making unwanted verbal or physical advances or explicit derogatory statements toward individuals, which cause them discomfort or humiliation or which interferes with their educational opportunity.
3. Physical assault.

**Gambling:** Unauthorized and/or illegal exchange of money favors or services as a result of an organized or unorganized game or competition.

**Smoking:** Smoking is prohibited on University premises.

**Mobile Phones:** Use of mobile phone in the class room is completely banned. It should

be switched off during class hours. No one can bring mobile phone during exams in the examination room/hall.

#### **Abuse of the Student Conduct System**

Abusing the student conduct system including, but not limited to:

1. Failure to obey the notice from a University official to appear for a meeting or hearing as part of the student conduct system.
2. Falsification, distortion or misrepresentation of information before a hearing body or designated hearing officer of the University.
3. Disruption or interference with the orderly conduct of a hearing proceeding.
4. Causing a violation of University Code of Conduct hearing to convene in bad faith.

#### **Indecent Behavior at the Campus/ Disturbing Academic Atmosphere**

Indecent behavior exhibited at the campus including classes, cafeteria, laboratories etc, defying the norms of decency, morality and religious/cultural/social values by single or group of students.

Damage to the university fixtures/furniture, scribbling/carving on desks, wall chalking, misusing of lab/university equipment, etc.

Use of mobile phone/ listening music in class rooms, examination halls, labs and library thus disrupting the calm of the said rooms.

**Off-Campus Conduct:** Conduct occurring off University premises is such that it should not affect the interest/image of the University.



## Enforcement of Code of Conduct

Matters of indiscipline would be referred to the College, Institution or GCUF authorities, which are authorized to check indiscipline matters and decide as per GCUF rules, regulations and policy, or as per the decision of Discipline Committee it deems fit. Parents of those students who disobey authority and violate the code of conduct will be informed. Students are not allowed to bring their guests at the Campus except their parents.

### Punishment or Penalty for Acts of In-Discipline

Punishment or penalty for acts of in-discipline shall be according to the gravity of the case and may be any one or more of the following:

#### Minor Punishments

1. **Warning in writing:** Notice to the offender, orally or in writing, that continuation or repetition of prohibited conduct may be cause for further disciplinary action.
2. **Probation:** Probation for a specific period not exceeding four months.
3. **Fine:** Fine which may amount up to Rs.5000/-.
4. **Hostel Suspension/Permanent Removal:** Expulsion from the hostel for a specified period, or permanent removal from the residence hall.
5. **Withholding of Certificate:** Withholding of a certificate of good moral character.
6. **Removal of Privileges:** Deprivation from the privileges enjoyed by the students.
7. **F Grade:** Award of "F" grade in a paper/ cancellation of the examination for one paper or more.

#### Major Punishments

1. **Fine:** Fine which may amount up to Rs.25000
2. **Exam Result:** Cancellation of examination result.
3. **Ineligibility:** for further admission.
4. **Rustication:** Rustication from the class for a specified period up to two semesters after the expiry of the punishment, the student shall be admitted in the semester where he/ she left.
5. **Expulsion:** includes expulsion from the University for indefinite period, cancellation of studentship and admission, ineligibility for further admission.
6. **Degree:** Non conferment of degree/transcript.

Other sanctions or a combination of above mentioned punishments as deemed appropriate.

## Discipline in the Hostels

Instructions already issued in this regard by the Administrative Directorate will be followed.

### Discipline Process

1. **Case referrals:** Each case of in-discipline shall be reported to the Chairperson Hall Council of the College/Institute/Centre/ through HOD or the warden of the hostel. Any charge should be submitted as soon as possible after the alleged violation takes place. Chairperson Hall Council depending upon the gravity of the case will decide to award minor punishment or refer the same to GCUF Discipline Committee for decision by senior competent authority for major punishment.
2. **Procedure-disciplinary hearing:** A disciplinary hearing is a formal process conducted by the GCUF Discipline Committee. This formal process is designed to gather and consider relevant information regarding the alleged violation/s of the Code and to determine and recommend a punishment. Every effort will be made to expedite proceedings pursuant to allegations within reasonable period.
3. **Punishments:** GCUF Discipline Committee will recommend/ impose a penalty (major or minor) as a punishment according to the gravity of the case after giving full opportunity to the defaulter to give his/ her point of view or as the case may be.
4. **Appeals:** An appeal against the Discipline Committee decision can be filed to the Vice Chancellor within fifteen days of the notification of the decision.

## General

**Federal/Provincial Laws and Ordinances:** Violation of a Federal/Provincial law or ordinance will be dealt accordingly under these laws.

**Gender Mixing:** Students are strictly reminded to follow the accepted social and cultural norms of the society. Undue intimacy and unacceptable proximity, openly or in isolated areas will not be tolerated.

**Littering:** It is the responsibility of all to keep the Campus environment clean and tidy. Therefore, no littering or trash should be carelessly thrown or left on the Campus premises. The designated waste boxes should be used for the purpose.

### Sports

1. All individuals and teams involved in sports should participate showing sportsmanship, respect, consideration and appreciation towards their opponents, team-mates, officials and University staff at all times.
2. Under no circumstances should participants react in a violent manner nor use any form of foul or abusive language, whether it is directed at a member of staff, match official, opponent, playing colleague, team official or spectator.
3. Individuals signing the player registration form agree to abide by this code of conduct and will accept that any deviation from these rules will result in disciplinary action being taken by the University.
4. Persons under the influence of drugs are not permitted to participate in sport activities at the University and as such will result in disciplinary action by GCUF.
5. Director Sports, GC University, Faisalabad will be responsible for maintaining discipline in all the playgrounds.

**Library:** The Librarian shall be responsible to maintain discipline in the library. He may require a student to leave the library on an act of indiscipline or report to DSA.

**Parking:** Wrong Parking at the University will result in fine Rs.200/- for car and Rs.100/- for motorcycle or as the case decided by the Committee or Incharge Parking Stands.

## Dress Code

In order to maintain academic dignity and sanctity of the Institution, students and staff of the University are required to wear decent dress keeping in view the local cultural values. The dress restriction is not to impose any rigidity or regimentation but is in accordance with the spirit of discipline and punctuality which is the cardinal aspect of life style at GCUF campuses. Purpose of Dress Code is to establish the basic guide lines for appropriate work dress that promotes a positive image of GCUF and also allow maximum flexibility to maintain good morale, respect, cultural values and due consideration for safety while working at laboratories. To abide by the student dress code, student should not:

1. Wear tight or see-through dress.
2. Wear Shorts, or sleeve-less shirts.
3. Wear Tee-Shirts/dress bearing language or Art, which appears to be provocative or indecent and is likely to offend others.
4. Wear torn clothing.
5. Wear jogging or exercise clothing during classes.
6. Put on excessive makeup or wear expensive jewelry.
7. Wear untidy, gaudy or immodest dress in classrooms, cafeteria and university offices.
8. Wear unprofessional attire in formal programs and interviews.

All faculty members and administrative officers, support staff and students will be expected to monitor this code of conduct and report any such disregard or violations to college/institution/ headquarter GCUF for taking appropriate action/remedial measures.

**NOTE: The Discipline Committee with the approval of the Competent Authority can amend/ reframe/ refresh this code of conduct.**

# Fee Structure

## 1- Masters 2- Year (Science Programs)

**Morning/Regular: Botany, Chemistry, Applied Chemistry, Statistics, Physics, Zooloy, Geography, Math, Physical Education, Biotechnology, Environmental Sciences**

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	15500	2200	2300	8800	31,800
2nd			15500	2200		8800	26,500
3rd			16020	2300		8800	27,120
4th			16030	2300		8800	27,130
						Total Fee	112,550

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 2- Bachelor 4- Year (Science Programs)

**Morning/Regular: Applied Chemistry, Bio Chemistry, Chemistry, Mathematics, physics, Zoology, Environmental Sciences, Botany, Statistics, Food Science & Tech, Human Nutriotion & Dietetics, Physiology, Microbiology, Home Economics, Bioinformatics, Biotechnology, Remote Sensing and GIS, Geography.**

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	12300	2200	2300	8800	28,600
2nd			12300	2200		8800	23,300
3rd			13100	2300		8800	24,200
4th			13100	2300		8800	24,200
5th			13740	2400		8800	24,940
6th			13740	2400		8800	24,940
7th			14300	2500		8800	25,600
8th			14300	2500		8800	25,600
						Total Fee	201,380

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



### 3- MS / M.Phil (Science Programs):

Botany, App. Chemistry, Biochemistry, Environmental Sciences, Environmental Engineering, Mathematics, Zoology, Pharmaceutics, Pharmacology, Food Science & Tech, Food & Nutrition, Human Nutrition & Dietetics, Bioinformatics, Biotechnology, Geography, Microbiology, Statistics, Physics, Nanotechnology, Analytical Chemistry, Inorganic Chemistry, Phytomedicine, Physiology, Physical Chemistry, Organic Chemistry, Pharmaceutical Chemistry, Art & Design, Electrical Engineering

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	42700	2200	2300	7800	60,000
2nd			45220	2200		7800	55,220
3rd			47100	2300		7800	57,200
4th			47100	2300		7800	57,200
						Total Fee	229,620

- Note:- 1) Thesis Fee @ Rs. 10000/- will be charged in final semester in addition to above.  
 2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.  
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 4- Ph.D. (Science Programs):

Biotechnology, Botany, App. Chemistry, Biochemistry, Chemistry, Environmental Sciences, Zoology, Microbiology, Physiology, Food Science & Technology, Human Nutrition & Dietetics, Food & Nutrition, Home Economics, Mathematics, Computer Science, Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Microbiology, Physics, Computer Science, Eastern Medicine, Electrical Engineering

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	44700	2200	2300	8400	62,600
2nd			44900	2200		8400	55,500
3rd			45400	2300		8400	56,100
4th			45500	2300		8400	56,200
5th			46200	2400		8400	57,000
6th			46200	2400		8400	57,000
						Total Fee	344,400

- Note:- 1) Thesis Fee @ Rs. 15000/- will be charged in final semester in addition to above.  
 2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.  
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 5- Masters 2- Year (Non Science Programs):

**Morning/Regular: Arabic, English Linguistics, English Linguistics & Literature, Economics, Education, Islamic Studies, Applied Psychology, Pol Science, International Relations, History, Pakistan Studies, Library Sciences, Mass Comm, Sociology, Criminology, Punjabi, Urdu**

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	12950	2200	2300	8000	28,450
2nd			12990	2200		8000	23,190
3rd			13650	2400		8000	24,050
4th			13650	2400		8000	24,050
						Total Fee	99,740

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 6- Bachelor 4- Year (Non Science Programs):

**Morning/Regular: Economics, Education, English Literature, English Literature & Linguistics, Islamic Studies, Mass Communication, Urdu, Political Science, International Relation, Polictics & Parliamentary Affairs History, Pak Studies, Sociology, Applied Psychology**

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	10000	2200	2300	8000	25,500
2nd			10780	2200		8000	20,980
3rd			10600	2300		8000	20,900
4th			10800	2300		8000	21,100
5th			10900	2400		8000	21,300
6th			10900	2400		8000	21,300
7th			11000	2500		8000	21,500
8th			11000	2500		8000	21,500
						Total Fee	174,080

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



## 7- B.Ed 1.5-Year Program

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	6900	2200	2300	3000	17,400
2nd			6990	2200		3000	12,190
3rd			7200	2300		3000	12,500
						Total Fee	42,090

Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 8- Bachelor 4 - Year (Non Science Programs)

### Morning/Regular: Bachelor in Fine Arts Fashion Design, Graphic Design, Textile Design, Painting

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	22100	2200	2300	8000	37,600
2nd			24180	2200		8000	34,380
3rd			24000	2300		8000	34,300
4th			24000	2300		8000	34,300
5th			24200	2400		8000	34,600
6th			24200	2400		8000	34,600
7th			24200	2500		8000	34,700
8th			24200	2500		8000	34,700
						Total Fee	279,180

Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



### 9- MS / MPhil (Non Science Programs)

Applied Linguistics, Applied Psychology, Mass Communication, History, Pak Studies, International Relation, political Science, Economics, Sociology, Arabic, Islamic Studies, Urdu, English, Education

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	38300	2200	2300	7400	55,200
2nd			38640	2200		7400	48,240
3rd			39800	2400		7400	49,600
4th			39800	2400		7400	49,600
						Total Fee	202,640

Note:- 1) Thesis Fee @ Rs. 10000/- will be charged in final semester in addition to above.  
2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.  
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 10- PhD . (Non Science Programs)

Applied Linguistics, Applied Psychology, Economics, Sociology, Arabic, Islamic Studies, Urdu, English, Education

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	38200	2200	2300	8000	55,700
2nd			39500	2200		8000	49,700
3rd			40700	2300		8000	51,000
4th			40700	2300		8000	51,000
5th			41600	2400		8000	52,000
6th			41600	2400		8000	52,000
						Total Fee	311,400

Note:- 1) Thesis Fee @ Rs. 15000/- will be charged in final semester in addition to above.  
2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.  
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



### 11- B.Sc Electrical Engineering Morning/Regular

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	35600	2200	2300	14000	57,100
2nd			38960	2200		14000	55,160
3rd			38600	2300		14000	54,900
4th			39100	2300		14000	55,400
5th			39100	2400		14000	55,500
6th			39100	2400		14000	55,500
7th			40100	2500		14000	56,600
8th			40100	2500		14000	56,600
						Total Fee	446,760

- Note:-
- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.
  - 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.
  - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
  - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
  - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 12- B.S. Electrical Engineering Technology, Civil Engineering Technology, Mechanical Engineering, Civil Engineering Technology (4-Years)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	33700	2200	2300	8800	50,000
2nd			36640	2200		8800	47,640
3rd			36200	2300		8800	47,300
4th			36200	2300		8800	47,300
5th			36700	2400		8800	47,900
6th			36700	2400		8800	47,900
7th			38400	2500		8800	49,700
8th			38400	2500		8800	49,700
						Total Fee	387,440

- Note:-
- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.
  - 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.
  - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
  - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
  - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 13- Morning/Regular: Commerce, BBA, Public Administration

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	22100	2200	2300	7500	37,100
2nd			24670	2200		7500	34,370
3rd			24300	2300		7500	34,100
4th			24300	2300		7500	34,100
5th			24600	2400		7500	34,500
6th			24600	2400		7500	34,500
7th			25100	2500		7500	35,100
8th			25100	2500		7500	35,100
						<b>Total Fee</b>	<b>278,870</b>

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 14- BBS (Bachelor of Business Studies) 2 - Year Program

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2500	1500	30100	2200	2300	8000	46,600
2nd			30270	2200		8000	40,470
3rd			33100	2300		8000	43,400
4th			33100	2300		8000	43,400
						<b>Total Fee</b>	<b>173,870</b>

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



### 15- Bachelor 4- Year (Business & Professional Programs)

#### Morning/Regular: B.S (Software Engineering)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	31200	2200	2300	10600	49,300
2nd			32800	2200		10600	45,600
3rd			33400	2300		10600	46,300
4th			33400	2300		10600	46,300
5th			35200	2400		10600	48,200
6th			35200	2400		10600	48,200
7th			37200	2500		10600	50,300
8th			37200	2500		10600	50,300
						<b>Total Fee</b>	<b>384,500</b>

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 16- Bachelor 4- Year (Business & Professional Programs)

#### Morning/Regular: BS (Computer Science, IT)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	22800	2200	2300	10500	40,800
2nd			24460	2200		10500	37,160
3rd			24800	2300		10500	37,600
4th			24800	2300		10500	37,600
5th			25800	2400		10500	38,700
6th			25800	2400		10500	38,700
7th			25800	2500		10500	38,800
8th			25800	2500		10500	38,800
						<b>Total Fee</b>	<b>308,160</b>

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 17- Bachelor 5-Year (Business & Professional Programs) Morning/Regular: Pharm-D

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	39000	2200	2300	12600	59,100
2nd			41690	2200		12600	56,490
3rd			41000	2300		12600	55,900
4th			41000	2300		12600	55,900
5th			40600	2400		12600	55,600
6th			40600	2400		12600	55,600
7th			42500	2500		12600	57,600
8th			42500	2500		12600	57,600
9th			42400	2600		12600	57,600
10th			42400	2600		12600	57,600
						<b>Total Fee</b>	<b>568,990</b>

Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 18- Bachelor 5-Year (Business & Professional Programs), Morning/Regular: LLB(Hons) 5 Year

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	20400	2200	2300	4200	32,100
2nd			21980	2200		4200	28,380
3rd			22400	2300		4200	28,900
4th			22400	2300		4200	28,900
5th			22400	2400		4200	29,000
6th			22400	2400		4200	29,000
7th			22900	2500		4200	29,600
8th			22900	2500		4200	29,600
9th			24400	2600		4200	31,200
10th			24400	2600		4200	31,200
						<b>Total Fee</b>	<b>297,880</b>

Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester. 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above. 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission. 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above. 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



### 19- Master 3-Year (Business & Professional Programs), Morning/Regular: LLB (3 Year)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	25800	2200	2300	8800	42,100
2nd			26400	2200		8800	37,400
3rd			26800	2300		8800	37,900
4th			26800	2300		8800	37,900
5th			26800	2400		8800	38,000
6th			26800	2400		8800	38,000
						<b>Total Fee</b>	<b>231,300</b>

- Note:-
- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.
  - 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.
  - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
  - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
  - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 20- Master 3½-Year (Business & Professional Programs)

#### Morning/Regular: MBA, MBA (Banking & Finance), MBA (Industrial Management)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2500	1500	46200	2200	2300	8300	63,000
2nd			47850	2200		8300	58,350
3rd			47600	2300		8300	58,200
4th			47600	2300		8300	58,200
5th			47600	2400		8300	58,300
6th			47600	2400		8300	58,300
7th			47700	2500		8300	58,500
						<b>Total Fee</b>	<b>412,850</b>

- Note:-
- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.
  - 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.
  - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
  - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
  - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 21- Master 2-Year (Business & Professional Programs)

### Morning/Regular: Master of Commerce (M. Com), Master of Public Administration (MPA)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2500	1500	39900	2200	2300	8000	56,400
2nd			41770	2200		8000	51,970
3rd			41400	2300		8000	51,700
4th			41400	2300		8000	51,700
						Total Fee	211,770

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 22- MBA Entrepreneurship 1.5 Year

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2500	1500	44600	2200	2300	8000	61,100
2nd			44830	2200		8000	55,030
3rd			44600	2300		8000	54,900
						Total Fee	171,030

- Note:- 1) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 23- MS / M. Phil 2-Year (Business & Professional Programs)

### MS / M. Phil / LLM / Business Administration /Public Administration / Commerce / MBA 2-Years

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	55000	2200	2300	4500	69,000
2nd			55200	2200		4500	61,900
3rd			57000	2300		4500	63,800
4th			57000	2300		4500	63,800
						Total Fee	258,500

- Note:- 1) Thesis Fee @ Rs. 10000/- will be charged in final semester in addition to above.  
2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.  
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



## 24- Ph.D Business Administration

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	53100	2200	2300	8300	70,900
2nd			53370	2200		8300	63,870
3rd			53100	2300		8300	63,700
4th			55500	2300		8300	66,100
5th			55500	2400		8300	66,200
6th			57100	2400		8300	67,800
						<b>Total Fee</b>	<b>398,570</b>

Note:- 1) Thesis Fee @ Rs. 15000/- will be charged in final semester in addition to above.  
 2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.  
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 25- Master 2-Year (Business & Professional Programs)

### M.Sc. Computer Science, Information Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2500	1500	47300	2200	2300	8000	63,800
2nd			49650	2200		8000	59,850
3rd			50300	2300		8000	60,600
4th			50300	2300		8000	60,600
						<b>Total Fee</b>	<b>244,850</b>

Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Thesis submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



## 26- Master 2-Year (Business & Professional Programs)

### MS Computer Science, Software Engineering, Information Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	1500	57400	2200	2300	9500	76,400
2nd			58730	2200		9500	70,430
3rd			59100	2300		9500	70,900
4th			59100	2300		9500	70,900
						<b>Total Fee</b>	<b>288,630</b>

Note:- 1) Thesis Fee @ Rs. 10000/- will be charged in final semester in addition to above.  
2) Project Fee @ Rs. 4000/- will be charged at the time of project submission.  
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 27- Medical Science (Doctor of Physical Therapy)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	31100	2200	2300	7200	45,800
2nd			34470	2200		7200	43,870
3rd			34100	2300		7200	43,600
4th			34100	2300		7200	43,600
5th			35300	2400		7200	44,900
6th			35300	2400		7200	44,900
7th			35600	2500		7200	45,300
8th			35600	2500		7200	45,300
9th			37100	2600		7200	46,900
10th			37100	2600		7200	46,900
						<b>Total Fee</b>	<b>451,070</b>

Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



## 28- BEMS Program in Eastern Medicine

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	19500	2200	2300	7500	34,500
2nd			22090	2200		7500	31,790
3rd			21800	2300		7500	31,600
4th			21800	2300		7500	31,600
5th			22000	2400		7500	31,900
6th			22000	2400		7500	31,900
7th			22500	2500		7500	32,500
8th			22500	2500		7500	32,500
9th			23500	2600		7500	33,600
10th			23500	2600		7500	33,600
						<b>Total Fee</b>	<b>325,490</b>

- Note:-
- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.
  - 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.
  - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
  - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
  - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## 29- BS (H) Allied Health Professionals (Paramedics) MLT, OTT, RIT

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	19400	2200	2300	8100	35,000
2nd			20860	2200		8100	31,160
3rd			20400	2300		8100	30,800
4th			20400	2300		8100	30,800
5th			20400	2400		8100	30,900
6th			20400	2400		8100	30,900
7th			21400	2500		8100	32,000
8th			21400	2500		8100	32,000
						<b>Total Fee</b>	<b>253,560</b>

- Note:-
- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.
  - 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.
  - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
  - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
  - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 30- Master of Public Health (MPH)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	49000	2200		17800	72,000
2nd			49220	2200		20900	72,320
3rd			49000	2300		20900	72,200
4th			49000	2300		30800	82,100
						<b>Total Fee</b>	<b>298,620</b>

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

### 31- BS (H) Orthotics and Prosthetics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	1500	1500	30100	2200	2300	9700	47,300
2nd			31670	2200		9700	43,570
3rd			32100	2300		9700	44,100
4th			32100	2300		9700	44,100
5th			34100	2400		9700	46,200
6th			34100	2400		9700	46,200
7th			35600	2500		9700	47,800
8th			35600	2500		9700	47,800
						<b>Total Fee</b>	<b>367,070</b>

- Note:- 1) Replica Program Tution Fee Rs. 10000/- in addition per Semester.  
 2) Thesis Fee @ Rs. 3000/- will be charged in final semester in addition to above.  
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.  
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.  
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

## Faculty of Arts & Social Sciences

1. Department of Applied Linguistics
2. Department of Applied Psychology
3. Institute of Arts & Design
4. Department of Education
5. Department of English Literature
6. Department of History and Pakistan Studies
7. College of Law
8. Department of Library and Information Sciences
9. Department of Mass Communication
10. Department of Political Science & International Relations
11. Department of Sociology



**Prof. Dr. M. Asim Mahmood**  
**Dean**

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Prof. Dr Muhammad Asim Mahmood took up the charge of Dean, Faculty of Arts and Social Sciences, Government College University Faisalabad on 13-03-2019. He has been working as a chairperson of the Department of Applied Linguistics since 2012. He earned his PhD in Linguistics from the Bahauddin Zakariya University, Multan in 2012. He worked as a visiting research associate in University of Birmingham, UK from February 2008 to July 2008. He launched a research journal entitled "Pakistan Journal of Language Studies". He is the member of the GCUF Research Grant Applications, Institutional Performance Self-Evaluation. He is also the member of Curriculum Revision Committee, HEC, Pakistan, Board of Faculty of Arts and Humanities, University of Sargodha, Board of Studies, Department of English, Government College Women University Faisalabad, Board of Studies, Department of English University of Okara, subject specialist of assessment team, University of Gujrat and the Islamia university of Bahawalpur. He is the chief organizer of ICLAP-2019. He established the first Corpus Centre/ well-equipped Language Lab in the department of Applied Linguistics, Government College University, Faisalabad. He has the credit to start M Phil and PhD programs at his Department. Professor Mahmood's research interests include Pakistani English, World Englishes, Corpus Linguistics, Applied Linguistics, English Language Teaching and Teacher Education. He has publication of two national as well as international books on his credit. He is an HEC approved supervisor for research work and has supervised 70 M Phil and 10 PhD theses. He has 5 international research projects. Apart from his research theses at various levels, 95 research papers on language and linguistic issues have been published in national as well as international journals. He has presented some of valuable research articles in national and international conferences.

## Department of Applied Linguistics

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### Vision

The vision of the Department of Applied Linguistics is to make notable contribution to the national wealth by training a high-quality human resource in the form of skilled English language teachers, general and applied linguists, lexicographer, phoneticians, correspondents, syllabus designers, language researchers and analysts, and above all, thoughtful and useful human beings.

### Mission

The mission of the Department of Applied Linguistics is to give its students an in-depth and integrative understanding of the dynamics of language and its role in the construction of knowledge and values. In today's world of linguistic diversity, the importance of learning the foreign language (English) in its global perspective becomes even acuter.

### Introduction

The Department aims at serving the nation by filling the gap of expertise in language-related studies in the country, directing its special attention to qualitative improvement in the profession of language teaching/learning and language-analysis through field-specific research. The Department seeks to join hands with the HEC in paving the way towards the common goals of achieving excellence in language-related studies/research and embarks upon this enterprise in conjunction with the centers sharing similar aspirations.

In order to realize its aims, the Department offers specialized courses at different levels such as BS (Hons) in English Literature & Linguistics (Morning & Evening), MA English Linguistics & Literature (Morning & Evening), MPhil in Applied Linguistics and PhD in Applied Linguistics. Our spirited team aims at providing students with an understanding of the theoretical and empirical

foundations of various disciplines of linguistics and applied linguistics, enabling them to develop an informed and critical awareness of the issues of linguistic problems, their analyses and the solutions with innovative techniques. Above all, the students are trained to seek relevance and applications of theoretical perspectives in the national context. Alongside academics, the Department organizes various events to enhance its students' competencies in educational as well as social life. The students who are awarded degrees from the Department have a vast range of job opportunities at national and international levels.

The faculty members of the Department have contributed more than hundred research papers to academic journals in addition to presenting papers at various conferences across Pakistan. The Postgraduate Diploma in ELT is an evening programme, primarily intended for teacher training. The syllabus of this programme includes the latest models of grammar, and approaches and techniques of language teaching and testing.

### Co-Curricular Activity

To broaden the vision and keeping the student abreast with current affairs, the department conducts seminars weekly on emerging issues. The competent faculty of other departments are invited to acquaint the students with the basis of environmental, social, natural and management sciences as well. The students of the department are also provided with such platforms as to utilize their potential in various activities so they may explicitly enunciate their hidden talent in the extra credit hours of their course work.

### Programs Offered

1. BS English Literature & Linguistics
2. MA English Linguistics & Literature
3. MPhil Applied Linguistics
4. PhD Linguistics

Chairperson: Prof. Dr. Muhammad Asim Mahmood



## Faculty

### Prof. Dr. Muhammad Asim Mahmood

Chairman / Professor

PhD

Specialization: Corpus Linguistics, Pakistani English

### Dr. Aleem Shakir

Assistant Professor

PhD

Specialization: Corpus Linguistics, Multidimensional (MD)

### Dr. Syed Kazim Shah

Assistant Professor

PhD

Specialization: English Language Teaching (ELT), Critical Literacy

### Dr. Hafiz Muhammad Qasim

Assistant Professor (OPS)

PhD

Specialization: English Language Teaching (ELT), Systemic Functional Grammar, Lexicography

### Dr. Shahida Naz

Assistant Professor (OPS)

PhD

Specialization: English Language Teaching (ELT), Computer / Mobile Assisted Language Learning (CALL / MALL)

### Hafiz Muhammad Fazal-e-Haq

Lecturer (on study leave)

MPhil, PhD Scholar

Specialization: English for Specific Purposes (ESP)

### Ms. Rabia Yasmeen

Lecturer

MPhil, PhD Scholar

Specialization: Sociolinguistics, Testing and Evaluation

### Aisha Zulfiqar Choudhary

Lecturer

MPhil

Specialization: World Englishes, English Language Teaching (ELT), Corpus Linguistics, Stylistics

### Ansa Sattar

Lecturer (on study leave)

MPhil, PhD Scholar

Specialization: Phonetics & Phonology, ELT Discourse Analysis

### Wardah Azhar

Lecturer (on study leave)

MPhil, PhD Scholar

Specialization: English Language Teaching (ELT), Critical Literacy

### Muhammad Imran Shah

Lecturer

MPhil, PhD scholar at UUM Malaysia.

Specialization: EAP, Narratology, Discourse Analysis and Language Learning Research

## Scheme of Studies

### BS English Literature & Linguistics

Semester 1		
LNG-301	Introduction to Linguistics*	3(3-0)
LNG-303	Study Skills	3(3-0)
LNG-305	Sentence Analysis/Grammar	3(3-0)
LNG-307	Introduction to Literary Studies	3(3-0)
LNG-309	English For Academic Purposes	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
Semester 2		
LNG-302	Life Skills	3(3-0)
LNG-304	Phonetics and Phonology*	3(3-0)
LNG-306	Poetry-I	3(3-0)
LNG-308	History of English Literature	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
LNG-401	Sociolinguistics	3(3-0)
LNG-403	Advance English Grammar*	3(3-0)
LNG-405	ELT Methods and Approaches	3(3-0)
LNG-407	Drama -1	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for Non-Muslims only)	2(2-0)
Semester 4		
LNG-402	Stylistics-I	3(3-0)
LNG-404	World Englishes*	3(3-0)
LNG-406	Teaching Language Skills	3(3-0)

LNG-408	Drama-II	3(3-0)
LNG-410	Academic Communication	3(3-0)
PSY-422	Introduction to Psychology	3(3-0)
Semester 5		
LNG-501	Task based Language Teaching	3(3-0)
LNG-503	Psycholinguistics	3(3-0)
LNG-505	Language and Gender	3(3-0)
LNG-507	Stylistics-II	3(3-0)
LNG-509	CALL	3(3-0)
LNG-511	American Literature	3(3-0)
Semester 6		
LNG-502	Testing and Evaluation	3(3-0)
LNG-504	Literary Theory	3(3-0)
LNG-506	Pakistani Literature in English	3(3-0)
LNG-508	Semantics and Pragmatics	3(3-0)
LNG-510	Second Language Acquisition	3(3-0)
LNG-512	Corpus Linguistics	3(3-0)
Semester 7		
LNG-601	Research Methodology	3(3-0)
LNG-603	Literary Criticism	3(3-0)
LNG-605	Syllabus Design & Materials Development	3(3-0)
LNG-607	Discourse Analysis	3(3-0)
LNG-609	Forensic Linguistics	3(3-0)
LNG-611	English for Specific Purposes	3(3-0)
Semester 8		
LNG-602	Poetry-II	3(3-0)
LNG-604	Research Report	3(3-0)
LNG-606	Schools of Linguistics	3(3-0)
LNG-608	Novel	3(3-0)
LNG-610	English for Employment Purposes	3(3-0)
LNG-612	Translation Studies	3(3-0)

\* Compulsory courses for all BS students

## MA English Linguistics & Literature

Semester 1		
LNG-551	Introduction to Linguistics	3(3-0)
LNG-552	Study Skills	3(3-0)
LNG-553	Language skills	3(3-0)
LNG-554	Advance English Grammar I	3(3-0)
LNG-555	Language Learning Theories, Methods & Approaches	3(3-0)
LNG-556	Poetry	3(3-0)
Semester 2		
LNG-557	Translation Studies	3(3-0)
LNG-558	Research Methodology	3(3-0)
LNG-559	History of English Literature	3(3-0)
LNG-560	Sociolinguistics	3(3-0)
LNG-561	Testing and Evaluation	3(3-0)
LNG-562	Drama	3(3-0)
Semester 3		
LNG-651	Material Development & syllabus design	3(3-0)
LNG-652	Semantics and Pragmatics	3(3-0)
LNG-653	Corpus Linguistics	3(3-0)
LNG-654	Stylistics	3(3-0)
LNG-655	Schools of Linguistics	3(3-0)
LNG-656	Novel	3(3-0)
Semester 4		
LNG-657	Advance English Grammar-II	3(3-0)
LNG-658	Discourse Analysis	3(3-0)
LNG-659	Phonetics and Phonology	3(3-0)
LNG-660	World Englishes	3(3-0)
LNG-661	Computer Assisted Language Learning	3(3-0)
LNG-662	Literary theory	3(3-0)



## MPhil in Applied Linguistics / PhD in Linguistics

*LNG-701	Research Methodology-I	3(3-0)
*LNG-705	Research Methodology-II	3(3-0)
**LNG-709	Research Methods in Applied Linguistics-I	3(3-0)
**LNG-710	Research Methods in Applied Linguistics-II	3(3-0)
Other Mandatory Requirements for M.Phil		
LNG-728	Seminar General	1(0-1)
LNG-729	Seminar Research	1(0-1)
LNG-730	Thesis	6(0-6)
Other Mandatory Requirements for PhD		
LNG-758	Seminar General	1(0-1)
LNG-759	Seminar Research	1(0-1)
LNG-760	Thesis	
* Core Course for MPhil and 3 Elective Courses in Each Semester		
** Core Course for PhD and 2 Elective Courses in Each Semester		

### List of Elective Courses for MPhil and PhD

**LNG-702	Corpus Linguistics	3(3-0)
LNG-703	Multidimensional Analysis	3(3-0)
LNG-704	World Englishes	3(3-0)
LNG-724	Materials Evaluation and Development	3(3-0)
LNG-706	Applied Lexicology	3(3-0)
LNG-707	Advanced Stylistics	3(3-0)
LNG-708	Syntactic Theory	3(3-0)
LNG-712	Language and Gender	3(3-0)
LNG-713	Language, Culture and Identity	3(3-0)
LNG-714	Translation Studies	3(3-0)
LNG-715	Discourse Analysis	3(3-0)
LNG-716	Contrastive Rhetoric	3(3-0)
LNG-717	Systemic Functional Grammar	3(3-0)
LNG-718	Language in Social Context	3(3-0)
LNG-719	Stylistics	3(3-0)
LNG-720	Genre Analysis	3(3-0)
LNG-721	Language Testing	3(3-0)
**LNG-722	Applied Linguistics	3(3-0)
LNG-723	Syntax	3(3-0)
LNG-725	Semantics and Pragmatics	3(3-0)

LNG-726	Forensic Linguistics	3(3-0)
LNG-732	Advancement in Second Language Acquisition	3(3-0)
LNG-733	Bilingualism	3(3-0)
LNG-734	Computer Assisted Language Learning	3(3-0)
LNG-735	Language Teacher Education	3(3-0)
LNG-736	Class room Talk	3(3-0)
LNG-737	ELT Methodology	3(3-0)
LNG-738	Vocabulary	3(3-0)

### Note

\*\* Mandatory for PhD students if not studied in MPhil





## Department of Applied Psychology

Phone: 041-9200952  
Email: rabiakhawar@gcuf.edu.pk



### Vision

To develop and groom task orientated, trained and skilled professionals in the field of applied psychology. The Department also aims to spread awareness among students, professionals and public regarding mental health issues to make the nation mentally healthier and stronger.

### Mission

To provide the knowledge of human behavior in an effective and research oriented manner. The department is committed to meet the challenges of the modern age by producing researchers and professionals in the field, which will help to understand, resolve the problems of society and ultimately contribute to the society.

### Introduction

Psychology, being a scientific study of human behavior and mental processes, has not only achieved immense popularity with scholars of modern age but it has also helped in understanding the psychological problems of the society. Psychological knowledge is now applied to such diverse areas as assessment and screening, psychotherapy, counseling and guidance, hospital management, environment, industrial and organizational, school education, crimes linguistics, and critical evaluation of literature and fine arts. Department of Applied Psychology, Government College University Faisalabad offers BS-Applied Psychology, Master in Applied Psychology, MS in Clinical Psychology and PhD in Applied Psychology. The Department aims at producing high quality clinical psychologists and professionals with intensive training who are committed to pursue excellence and are endowed with vision,

courage and dedication. Our students, after completing their degrees, will make significant and meaningful contribution towards the socio-economic betterment of the country through the development of human resource. From time to time, the department organizes conferences, seminars, refresher course, training workshops etc. for the benefit of students, faculty and the community. Furthermore, Department of Applied Psychology provides counseling services to university students, teachers and non-teaching staffs and others.

### Faculty

#### Dr. Rabia Khawar

M.Sc., M. Phil, PhD (PAK)

Associate Professor/ Chairperson

(HEC Approved Supervisor)

Specialization: Cognitive Psychology , Developmental Psychopathology & Psychometrics

#### Dr. Khalid Mahmood Bhatti

M.Sc., M.Phil/PhD (PAK)

Assistant Professor

Specialization: Clinical Psychology & Psychometrics

#### Dr. Qasir Abbas

M.Sc., MS, PhD (PAK)

Assistant Professor-Clinical Psychology (TTS)

Specialization: Psychodiagnosis& Psychotherapy

### Programs Offered

1. BS Applied Psychology
2. MSc Applied Psychology
3. MS Clinical Psychology
4. PhD Applied Psychology

Coordinator: Dr. Rabia Khawar



**Dr. Muhammad Umar Khan**

M.Sc., (PAK) MS, PhD (Malaysia)  
Assistant Professor  
Specialization: Educational Psychology & Qualitative Research

**Dr. Shazia Habib**

M.Sc, MS (PAK), PhD (Pak)  
Assistant Professor  
Specialization: Forensic Psychology & Clinical Psychology

**Ms. Fozia Akram**

M.Sc, MS Clinical Psychology (PAK)  
Lecturer (On Study Leave for PhD)  
Specialization: Clinical Psychology & Personality Psychology

**Ms. Asma Riaz**

M.Sc, MS (PAK) PhD Scholar  
Lecturer  
Specialization: Clinical Psychology & Health Psychology

**Ms. Faeera Fatima**

M.Sc., MS Industrial Organizational Psychology (PAK)  
Lecturer  
Specialization: Industrial Organizational Psychology & Psychometrics,  
Research Methods Psychology, Human Recourse Management

**Ms. Rabia Maryam**

M.Sc., MS Clinical Psychology (PAK)  
Lecturer (On Study Leave for PhD)  
Specialization: Clinical Psychology & Educational Psychology

**Ms. Abida Kareem**

PMDCP, MS Clinical Psychology (PAK), PhD Scholar  
Lecturer (On Study Leave for PhD)  
Specialization: Clinical Psychology & Counseling Psychology

**Mr. Arif Nadeem**

MSc, PMDCP, MS Clinical Psychology (PAK), PhD Scholar  
Lecturer  
Specialization: Clinical Psychology & Psychometrics

**Ms. Saima Saeed**

M.Sc., M. Phil (PAK), PhD Scholar  
Lecturer  
Specialization: Clinical Psychology & Educational Psychology

**Ms. Zartashia Kynat Javaid**

M.Sc, MS Clinical Psychology (PAK)  
Lecturer  
Specialization: Clinical Psychology & Social Psychology

**Syed Muhammad Imran Haider Zaidi**

MS Clinical Psychology (PAK), PhD Scholar  
Lecturer  
Specialization: Clinical Psychology & Environmental Psychology

**Ms. Abida Ajid Ali**

BS, PMDCP MS (PAK)  
Teaching Assistant  
Specialization: Clinical psychology, Counseling Psychology

**Scheme of Studies  
BS Applied Psychology**

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslims Only)	2(2-0)
PSY-301	Introduction to Psychology-I	4(3-1)
MTH-321	Algebra and Trigonometry	3(3-0)
PSY-303	Tolerance	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
Semester 2		
ENG-322	Comprehension & Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PSY-302	Introduction to Psychology-II	4(3-1)
STA-321	Introduction to Statistical Theory	3(2-1)
CSI-321	Introduction to Computer Application	3(3-0)
Semester 3		
ENG-421	Communication Skills	3(3-0)
PSY-401	History & Systems in Psychology	3(3-0)
PSY-403	Personality Psychology	3(3-0)
PSY-405	Social Psychology	4(4-0)
EDU-503	Foundation of Education	3(3-0)
Semester 4		
ENG-422	Technical Writing	3(3-0)
PSY-402	Developmental Psychology	4(4-0)

PSY-404	Cognitive & Affective Processes	4(3-1)
PSY-406	Behavioral Neurosciences	4(4-0)
URD-701	Urdu Adab	3(3-0)
Semester 5		
PSY-501	Psychological Testing & Measurement-I	3(3-0)
PSY-503	Mental Health and Psychopathology-I	3(3-0)
PSY-505	Research Methodology-I	3(3-0)
PSY-507	Application of Statistics in Psychology	3(2-1)
PSY-509	Industrial/Organizational Psychology	4(4-0)
Semester 6		
PSY-502	Psychological Testing & Measurement-II	3(2-1)
PSY-504	Mental Health and Psychopathology-II	3(3-0)
PSY-506	Research Methodology-II	3(2-1)
PSY-508	Human Resource Management	3(2-1)
PSY-510	Health Psychology	4(3-1)
Semester 7		
PSY-601	Clinical Psychology-I	3(3-0)
PSY-603	Counseling Psychology-I	3(3-0)
PSY-605	Cross-cultural Psychology	4(4-0)
PSY-607	Educational Psychology	4(3-1)
Thesis (synopsis submission) OR any one optional subject		
PSY-611	Psychology of Emotions	3(3-0)
PSY-613	Trauma Psychology	3(3-0)
PSY-615	Consumer Behavior	3(3-0)
PSY-617	Media Psychology	3(3-0)
Semester 8		
PSY-602	Clinical Psychology-II	4(3-1)
PSY-604	Counseling Psychology-II	3(2-1)
PSY-606	Positive Psychology	3(3-0)
PSY-608	Forensic Psychology	3(3-0)
PSY-632	Internship	2(0-2)
PSY-630	Thesis (Final Draft and Oral Defense) OR any One Optional Subject	6(0-6)
PSY-610	Muslim Psychology	3(3-0)
PSY-612	Sports Psychology	3(3-0)
PSY-614	Gender Issues in Psychology	3(3-0)
PSY-616	Environmental Psychology	3(3-0)



## MSc Applied Psychology

Semester 1		
STA-321	Introduction to Statistical Theory	3(3-0)
PSY-551	History and Systems in Psychology	4(4-0)
PSY-553	Research Methodology-I	3(3-0)
PSY-555	Tolerance	3 (3-0)
PSY-557	Cognitive and Affective Processes	4(3-1)
PSY-559	Behavioral Neurosciences	4(4-0)
Semester 2		
CSI-321	Introduction to Computer Application	3(3-0)
PSY-554	Research Methodology-II	3(2-1)
PSY-556	Psychological Testing and Measurement	3(3-0)
PSY-558	Personality Psychology	3(3-0)
PSY-560	Social Psychology	4(4-0)
PSY-562	Abnormal Psychology	4(4-0)
Semester 3		
PSY-651	Developmental Psychology	3(3-0)
PSY-653	Psychometrics	3(2-1)
PSY-655	Clinical Psychology	4(3-1)
PSY-657	Industrial / Organizational Psychology	4(4-0)
PSY-659	Educational Psychology	4(3-1)
Semester 4		
PSY-652	Health Psychology	4 (3-1)
PSY-654	Counseling Psychology	4(3-1)
PSY-680	Thesis (OR) Two Optional Subjects	6(0-6)
PSY-682	Internship	2(0-2)
PSY-656	Gender Issues in Psychology (Optional)	3 (3-0)
PSY-658	Forensic Psychology (Optional)	3 (2-1)
PSY-660	Human Resource Management(Optional)	3 (2-1)
PSY-662	Positive Psychology (Optional)	3 (3-0)
PSY-664	Trauma Psychology (Optional)	3 (3-0)
PSY-666	Cross Cultural Psychology (Optional)	3 (3-0)

## MS Clinical Psychology

Core Courses for MS Clinical Psychology		
PSY-701	Quantitative Research Methods and Data Analysis in Clinical Psychology	3(3-0)
PSY-702	Psycho diagnosis and Assessment-I	3(3-0)
PSY-703	Psychotherapy –I	3(3-0)
PSY-704	Psychophysiology & Psychopharmacology-I	3(3-0)
PSY-705	Clinical Training and Placement-I	3(0-3)
PSY-711	Qualitative Research Methods and Data Analysis in Clinical Psychology	3(3-0)
PSY-712	Psychodiagnosis and Assessment-II	3(3-0)
PSY-713	Psychotherapy –II	3(3-0)
PSY-714	Psychophysiology & Psychopharmacology-II	3(3-0)
PSY-715	Clinical Training and Placement-II	4(0-4)
PSY-700	Clinical Training and Placement-III	3(0-3)
Mandatory Courses for MS Clinical Psychology		
STA-795	Statistics for Research	3(2-1)
PSY-730	Thesis	6(0-6)

## PhD in Applied Psychology

Core Courses for PhD Applied Psychology		
PSY-716	Advanced Research Designs and Data Analysis-I	3(3-0)
PSY-718	Advanced Methods of Assessment	2(2-0)
PSY-717	Advanced Research Designs and Data Analysis-II	3(2-1)
PSY-719	Instrument Development & Psychometric Evaluation	2(2-0)
Optional Courses for PhD Applied Psychology		
PSY-720	I. Clinical Psychology-I	2(2-0)
PSY-722	II. Educational Psychology-I	2(2-0)
PSY-724	III. Health Psychology-I	2(2-0)
PSY-726	IV. Forensic Psychology-I	2(2-0)
PSY-728	V. Industrial Organizational Psychology-I	2(2-0)
PSY-732	VI. Cognitive Psychology-I	2(2-0)
PSY-721	I. Clinical Psychology-II	2(2-0)
PSY-723	II. Educational Psychology-II	2(2-0)
PSY-725	III. Health Psychology-II	2(2-0)

PSY-727	IV. Forensic Psychology-II	2(2-0)
PSY-729	V. Industrial Organizational Psychology-II	2(2-0)
PSY-731	VI. Cognitive Psychology-II	2(2-0)
PSY-734	Internship-I /Practical	3(0-3)
PSY-733	I. Trauma Psychology	2(2-0)
PSY-735	II. Positive Psychology	2(2-0)
PSY-737	III. Psychology of Gender	2(2-0)
PSY-739	IV. Cross Cultural Psychology	2(2-0)
PSY-741	V. Psychology of Religion	2(2-0)
PSY-743	VI. Affective Aspects of Behavior	2(2-0)
PSY-745	VII. Cognitive Neuroscience	2(2-0)
PSY-747	Internship-II /Practical	3(0-3)
Mandatory Courses for PhD Applied Psychology		
PSY-746	Developing Research Proposal	1(0-1)
PSY-748	Seminar (General)	1(0-1)
PSY-759	Seminar ( Research )	1(0-1)
PSY-760	Dissertation	---



## Institute of Art & Design

Phone: 041-9201226  
Email: finearts@gcuf.edu.pk



### Vision

The vision of the Institute of Art & Design is to promote both art and aesthetic sense to fulfill the demand of national and international requirements. Our vision is to represent the diverse artistic traditions, for the inspiration and education of the public in accordance with our profession's ethical standards and practices.

### Mission

The mission of the Institute is to formulate an artistic and educational community that values creativity, innovation, and conceptual tracks. The institute craves to temper craftsmanship with discipline and knowledge in the field of Art & Design.

### Introduction

Institute of Art & Design offers 4-year degree programs in Textile Design, Fashion Design, Graphic Design, and Painting. We have also started a new program of M.Phil in Art & Design (Studio Practice), (Evening Program). Studio teaching at the institute is supported by well-equipped laboratories, broadband internet access, a sculpture workshop, photography and print-making studio, weaving lab, sewing lab, pattern lab, drawing lab, a library, and well-equipped computer lab.

### Textile Design

The objective of the Textile Design major is to introduce a broad range of Textile processes and theoretical perspectives on which to base the practice of textile design. It also develops the skills necessary for researching and originating contemporary textile themes and creating fabric prototypes and samples. Textile Design is concerned with understanding and creating

one of the most intimate and yet public aspects of the material world. As technological and cultural creations, textiles are fundamental to the way we clothe, shelter and represent ourselves. As aesthetic expressions, textiles construct and communicate individual and social identities. Since the weather pattern of Pakistan mostly remains hot & dry, the focus of the majority of the designer is turning to launch individual brands in the field of Textile Prints for apparel, bedding and furniture prints. Therefore, it is pertinent for us to divert our curriculum in introducing the latest and innovative textile prints to attract industrial factors & demands.

### Graphic Design

The term Graphic Design often refers to both the process (designing) by which the communication is created and the products (Designs) which are generated.

The faculty of Graphic Design at GC University Faisalabad focuses on number artistic and professional disciplines which lead to visual communication and presentation.

Various methods are thought to the students to create and combine symbols, images and words to create a visual representation of ideas & messages. Students use typography, visual arts and page layout techniques to produce the final result. To impart academic knowledge and give practical exposure to the students of Graphic Design to produce skilled manpower for advertising agencies and other sources of product promotion services.

### Fashion Design

The Faculty of Fashion Design maintains close ties and continuously collaborates with the fashion industry to provide current students with high-quality professional training in tune

## Programs Offered

1. BS Art and Design
  - BFA Fashion Design
  - BFA Textile Design
  - BFA Graphic Design
  - BFA Painting
2. M.Phil Art & Design Studio Practice

Teacher Incharge: Mr. Wajahit Ali



with the needs of the current international fashion scene and industry.

The objective of this course is the development of the creative talent of young people who plan to become professional fashion designers. It widens their abilities through research, observation and close examination of the methods for the creation of an innovation and individual fashion collection.

### Fine Arts (Painting)

The Faculty of Fine Arts committed to the study and practice of the visual arts as these relate to creative artmaking, educational practice and theory, and the understanding of art in its diverse historical and cultural backgrounds.

Institute of Art & Design produces well equipped graduates, to meet the numerous overlapping skills currently demanded within professional art practice and theoretical discourse.

## Faculty

### Mr. Wajahit Ali

Teacher Incharge Assistant Professor  
MA Hons Visual Arts (NCA)  
BFA Fine Arts (NCA)

### Ms. Tehmina Afzal

Assistant Professor  
M.Phil Textile & Clothing (GCWUF)  
MFA Graphic Design (PU)

### Mr. Faheem Tufail

Assistant Professor  
MA Hons Visual Arts (NCA)  
BFA Textile Design (NCA)

### Dr. Muhammad Asghar

Assistant Professor  
Ph.D in Design Sciences (Germany)  
MFA Graphic Design (PU)

### Mr. M. Shahid Anjum

Assistant Professor  
M.Phil Graphic Arts (PU)  
MFA Graphic Design (PU)

### Ms. Yousra Saleem

Assistant Professor  
M.Phil Textile & Clothing (GCWUF)

BFA Fashion Design (GCUF)

### Ms. Farwa Batool

Assistant Professor  
MA Multimedia (NCA)  
BFA Graphic Design (LCWU)

### Mr. Mirza Mohsin Latif

Lecturer  
M.Phil Studio Practice (PU)  
MFA Painting (PU)

### Mr. Rizwan Munir

Lecturer  
M.Phil Textile & Clothing (GCUF)  
B.Sc Textile Engineering (NTU)

### Ms. Aliya Shafqat

Lecturer  
MA Communication & Cultural Studies (NCA)  
BFA Textile Design (GCUF)

### Ms. Summara Shehzad

Lecturer (on study leave)  
BFA Textile Design (GCUF)

### Mr. Sajjad Ahmad Lakhnavi

Lecturer  
MA Interior Design (NCA)  
BFA Textile Design (GCUF)

### Ms. Sabeen Fatima

Lecturer (on study leave)  
M.Phil Textile & Clothing (GCWUF)  
MA Fine Arts (PU)

### Ms. Baneen Nazir

Lecturer  
MA Fine Art (UAF)

### Ms. Sadia Shafqat

Lecturer  
MA Interior Design (NCA)  
BFA Textile Design (GCUF)

### Mr. Abu Bakar Noorani

Lecturer  
M.Phil Textile & Clothing (UAF)  
BFA Fashion Design (GCUF)

### Ms. Sammar Anwar

Lecturer  
Bachelor's in Fine Arts (GCUF)

### Ms. Aneeza Saleem

Lecturer  
BFA Graphic Design (IU) Bhawalpur

### Mr. Muhammad Ali

Lecturer  
M.Phil Textile & Clothing (GCUF)  
MFA Graphics Design (PU)

### Urvah til Vusqa

Lecturer,  
M.Phil Textile & Clothing (GCUF)  
BFA Fashion Design (GCUF)

## Scheme of Studies

### BFA Fashion Design

Semester 1		
IAD-301	Basic Design I	2(0-2)
IAD-303	Basic Drafting I	2(0-2)
IAD-305	Basic Drawing I	3(0-3)
IAD-307	Basic Sculpture I	3(0-3)
IAD-309	History of Art and Culture	2(2-0)
CSI-321	Introduction to Computing Applications	3(0-3)
ENG-321	Functional English	3(3-0)
Semester 2		
IAD-302	Basic Design II	3(0-3)
IAD-304	Basic Drafting II	3(0-3)
IAD-306	Basic Drawing II	2(0-2)
IAD-308	Basic Sculpture II	2(0-2)
IAD-310	Basic Pattern Making	2(0-2)
IAD-312	Introduction to Visual Art	2(2-0)
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pak Studies	2(2-0)
Semester 3		
IAD-401	Fundamental of Pattern	2(0-2)
IAD-403	Draping I	2(0-2)

IAD-405	Sewing I	2(0-2)
IAD-407	Integrated Design I	2(0-2)
IAD-409	Fashion Drawing I	2(0-2)
IAD-411	CAD I (Digital Fashion Design)	2(0-2)
IAD-413	History of Fashion Costume I	2(2-0)
ENG-421	Communication Skills	2(2-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for non muslims)	2(2-0)
<b>Semester 4</b>		
IAD-402	Mathematics of Pattern I	2(0-2)
IAD-404	Draping II	2(0-2)
IAD-406	Sewing II	2(0-2)
IAD-408	Integrated Design II	2(0-2)
IAD-410	Fashion Drawing II	2(0-2)
IAD-412	CAD II (Digital Fashion Design)	2(0-2)
IAD-414	History of Fashion Costume II	2(2-0)
IAD-416	Fabric Aesthetics	2(2-0)
ENG-422	Technical Writing	3(3-0)
<b>Semester 5</b>		
IAD-501	Mathematic of Pattern II	2(0-2)
IAD-503	Advanced Draping I	2(0-2)
IAD-505	Sewing III	2(0-2)
IAD-507	Techniques of Textile	2(0-2)
IAD-509	Technical Fashion Drawing	3(0-3)
*	Elective I	2(0-2)
IAD-511	Fashion Marketing & Merchandising	2(2-0)
IAD-513	Fashion Trends and Forecast	2(2-0)
* Painting (IAD-401) * Installation Art (IAD-506) * Conceptual Art (IAD-605) Note: Student will opt. one subject (Offered by Painting Dept.)		
<b>Semester 6</b>		
IAD-502	Advance Pattern	2(0-2)
IAD-504	Advanced Draping II	2(0-2)
IAD-506	Advanced Sewing	3(0-3)
IAD-508	Technical Fashion Drawing II	3(0-3)
IAD-510	Matrimonial and Accessories Design	3(0-3)
*	Elective II	2(0-2)

IAD-512	Fashion Business Communication	1(1-0)
IAD -514	Textile & Fashion Technology	2(2-0)
* Computer Graphics II (IAD-406) * Photography I (IAD-407) * Graphic Arts (IAD-504) * Calligraphy Type Design (Elective) (IAD-411) Note: Student will opt. one subject (Offered by Graphic DesignDept.)		
<b>Semester 7</b>		
IAD-601	Pattern Collection	4(0-4)
IAD-603	Advanced Draping III	2(0-2)
IAD-605	Fashion Illustration	3(0-3)
IAD-607	Fabric Creation	2(0-2)
*	Elective III	2(0-2)
IAD-609	Research Methodology	2(2-0)
IAD-611	Visual Merchandising	2(2-0)
IAD-613	Apparel Technology	2(2-0)
* Techniques of Textile Printing I (IAD-403) * Digital Textiles I (IAD-503) * Weaving II (IAD-506) Note: Student will opt. one subject (Offered by Textile Design Dept.)		
<b>Semester 8</b>		
IAD-602	Project + Report	6(0-6)
IAD-604	Report Writing	2(2-0)

## BFA Graphics Design

<b>Semester 1</b>		
IAD-301	Basic Design I	2(0-2)
IAD-303	Basic Drafting I	2(0-2)
IAD-305	Basic Drawing I	3(0-3)
IAD-307	Basic Sculpture I	3(0-3)
IAD-309	History of Art and Culture	2(2-0)
CSI-321	Introduction to Computing Applications	3(0-3)
ENG-321	Functional English	3(3-0)
<b>Semester 2</b>		
IAD-302	Basic Design II	3(0-3)
IAD-304	Basic Drafting II	3(0-3)
IAD-306	Basic Drawing II	2(0-2)
IAD-308	Basic Sculpture II	2(0-2)
IAD-310	Basic Pattern Making	2(0-2)
IAD-312	Introduction to Visual Art	2(2-0)

ENG-322	English Comprehensive and Composition	3(3-0)
PST-321	Pak Studies	2(2-0)
<b>Semester 3</b>		
IAD-401	Graphic Design I	3(0-3)
IAD-403	Drawing I	3(0-3)
IAD-405	Computer Graphics I	3(0-3)
IAD-407	Basic Photography I	3(0-3)
IAD-409	History of Design I	2(2-0)
ENG-421	Communication Skills	2(2-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for non Muslims)	2(2-0)
<b>Semester 4</b>		
IAD-402	Graphic Design II	3(0-3)
IAD-404	Drawing II	3(0-3)
IAD-406	Computer Graphics II	3(0-3)
IAD-408	Basic Photography II	3(0-3)
IAD-410	Typography	2(0-2)
IAD -412	History of Design II	2(2-0)
ENG-422	Technical Writing	3(3-0)
<b>Semester 5</b>		
IAD-501	Graphic Design (Major) I	6(0-6)
IAD-503	Illustrative Drawing I	2(0-2)
IAD-505	Digital Photography	3(0-3)
*	Elective I	2(0-2)
IAD-509	Print and Publishing I	2(2-0)
IAD-511	Creative Copy Writing	2(2-0)
IAD-513	Contemporary Design Culture	2(2-0)
* Fundamental of Pattern (IAD-401) * Matrimonial & Accessories Design (IAD-510) * Sewing I (IAD-405) Note: Student will opt. one subject (Offered by Fashion DesignDept.)		
<b>Semester 6</b>		
IAD-502	Graphic Design (Major) II	6(0-6)
IAD-504	Graphic Arts	3(0-3)
IAD-506	Digital Media	2(0-2)
IAD-508	Illustrative Drawing II	2(0-2)
*	Elective II	2(0-2)
IAD-512	Print and Publishing II	2(2-0)



IAD-514	Marketing	2(2-0)
* Techniques of Textile Printing I (IAD-403) * Digital Textiles I (IAD-503) * Weaving II (IAD-506) Note: Student will opt. one subject (Offered by Textile Design Dept.)		
<b>Semester 7</b>		
IAD-601	Graphic Design (Major) III	6(0-6)
IAD-603	Interactive Design	3(0-3)
IAD-605	Animation	3(0-3)
*	Elective III	2(0-2)
IAD-607	Research Methodology	2(2-0)
* Painting (IAD-401) * Installation Art (IAD-506) * Conceptual Art (IAD-605) Note: Student will opt. one subject (Offered by Painting Dept.)		
<b>Semester 8</b>		
IAD-602	Project Report	6(0-6)
IAD-604	Report Writing	2(2-0)

## BFA Textile Design

<b>Semester 1</b>		
IAD-301	Basic Design I	2(0-2)
IAD-303	Basic Drafting I	2(0-2)
IAD-305	Basic Drawing I	3(0-3)
IAD-307	Basic Sculpture I	3(0-3)
IAD-309	History of Art and Culture	2(2-0)
CSI-321	Introduction to Computing Applications	3(0-3)
ENG-321	Functional English	3(3-0)
<b>Semester 2</b>		
IAD-302	Basic Design II	3(0-3)
IAD-304	Basic Drafting II	3(0-3)
IAD-306	Basic Drawing II	2(0-2)
IAD-308	Basic Sculpture II	2(0-2)
IAD-310	Basic Pattern Making	2(0-2)
IAD-312	Introduction to Visual Art	2(2-0)
ENG-322	English Comprehensive and Composition	3(3-0)
PST-321	Pak Studies	2(2-0)
<b>Semester 3</b>		
IAD-401	Textile Design I	4(0-4)

IAD-403	Techniques of Textile Printing I	4(0-4)
IAD-405	CAD Print Design I	3(1-2)
IAD-407	Drawing I	2(0-2)
IAD-409	History of Design I	2(2-0)
ENG-421	Communication Skills	2(2-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for non muslims)	2(2-0)
<b>Semester 4</b>		
IAD-402	Textile Design II	4(0-4)
IAD-404	Techniques of Textile Printing II	4(0-4)
IAD-406	CAD Print Design II	3(1-2)
IAD-408	Drawing II	2(0-2)
IAD-410	History of Design II	2(2-0)
ENG-422	Technical Writing	3(3-0)
<b>Semester 5</b>		
IAD-501	Textile Design (Major) I	6(0-6)
IAD-503	Digital Textiles I	3(1-2)
IAD-505	Weaving I	3(0-3)
IAD-507	Drawing for Design I	2(0-2)
*	Elective I	2(0-2)
IAD-511	History of Textile I	2(2-0)
IAD-513	Textile Printing I	1(1-0)
* Painting (IAD-401) * Installation Art (IAD-506) * Conceptual Art (IAD-605) Note: Student will opt. one subject (Offered by Painting Dept.)		
<b>Semester 6</b>		
IAD-502	Textile Design(Major II)	6(0-6)
IAD-504	Digital Textiles II	3(1-2)
IAD-506	Weaving II	3(0-3)
IAD-508	Drawing for Design II	2(0-2)
*	Elective II	2(0-2)
IAD-512	History of Textiles II	2(2-0)
IAD-514	Textile Printing II	1(1-0)
* Computer Graphics II (IAD-406) * Photography I (IAD-407) * Graphic Arts (IAD-504) * Calligraphy Type Design (Elective) (IAD-411) Note: Student will opt. one subject (Offered by Graphic Design Dept.)		

<b>Semester 7</b>		
IAD-601	Textiles Design Major III	6(0-6)
IAD-603	Surface Design	2(0-2)
IAD-605	Textile Art	2(0-2)
IAD-607	Elective III (Fashion Design)	2(0-2)
IAD-609	Research Methodology	2(2-0)
IAD-611	South Asian Crafts	2(2-0)
Fundamental of Pattern (IAD-401) * Matrimonial & Accessories Design (IAD-510) * Sewing I (IAD-405) Note: Student will opt. one subject (Offered by Fashion DesignDept.)		
<b>Semester 8</b>		
IAD-602	Project Report	6(0-6)
IAD-604	Report Writing	2(2-0)

## BFA Painting

<b>Semester 1</b>		
IAD-301	Basic Design I	2(0-2)
IAD-303	Basic Drafting I	2(0-2)
IAD-305	Basic Drawing I	3(0-3)
IAD-307	Basic Sculpture I	3(0-3)
IAD-309	History of Art and Culture	2(2-0)
CSI-321	Introduction to Computing Applications	3(0-3)
ENG-321	Functional English	3(3-0)
<b>Semester 2</b>		
IAD-302	Basic Design II	3(0-3)
IAD-304	Basic Drafting II	3(0-3)
IAD-306	Basic Drawing II	2(0-2)
IAD-308	Basic Sculpture II	2(0-2)
IAD-310	Basic Pattern Making	2(0-2)
IAD-312	Introduction to Visual Art	2(2-0)
ENG-322	English Comprehensive and composition	3(3-0)
PST-321	Pak Studies	2(2-0)
<b>Semester 3</b>		
IAD-401	Textile Design I	4(0-4)
IAD-403	Techniques of Textile Printing I	4(0-4)
IAD-405	CAD Print Design I	3(1-2)
IAD-407	Drawing I	2(0-2)

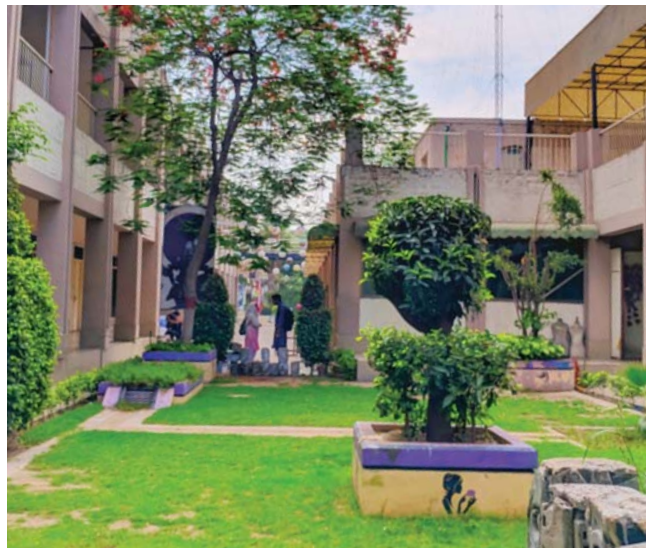
IAD-409	History of Design I	2(2-0)
ENG-421	Communication Skills	2(2-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for non-Muslims)	2(2-0)
<b>Semester 4</b>		
IAD-402	Sculpture	6(0-6)
IAD-404	Miniature Painting	5(0-5)
IAD-406	Drawing II	3(0-3)
IAD-408	Muslim Art	2(2-0)
ENG-422	Technical Writing	3(3-0)
<b>Semester 5</b>		
IAD-501	Painting Major I	6(0-6)
IAD-503	Drawing III	3(0-3)
IAD-505	Landscape and Portrait Painting	3(0-3)
IAD-507	Creative Photography	2(0-2)
*	Elective I	2(0-2)
IAD-510	History of Art I	2(2-0)
* Fundamental of Pattern (IAD-401) * Matrimonial & Accessories Design (IAD-510) * Sewing I (IAD-405) Note: student will opt. one subject (Offered by Fashion Design Dept.)		
<b>Semester 6</b>		
IAD-502	Painting Major II	6(0-6)
IAD-504	Advance Drawing I	3(0-3)
IAD-506	Installation Art	3(0-3)
*	Elective II	2(0-2)
IAD-508	History of Art II	2(2-0)
IAD-510	Contemporary Art of Pakistan	2(2-0)
* Techniques of Textile Printing I (IAD-403) * Digital Textiles I (IAD-503) * Weaving II (IAD-506) Note: Student will opt. one subject ((Offered by Textile Design Dept.)		
<b>Semester 7</b>		
IAD-601	Painting Major III	6(0-6)
IAD-603	Advance Drawing I	3(0-3)
IAD-605	Conceptual Art	3(0-3)
IAD-607	Art Criticism	2(2-0)
*	Elective III	2(0-2)
IAD-611	Research Methodology	2(2-0)

\* Computer Graphics II (IAD-406)  
\* Photography I (IAD-407)  
\* Graphic Arts (IAD-504)  
\* Calligraphy Type Design (Elective) (IAD-411)  
Note: student will opt. one subject (Offered by Graphic Design Dept.)

<b>Semester 8</b>		
IAD-602	Project Report	6(0-6)
IAD-604	Report Writing	2(2-0)

## MPhil in Art and Design (Studio Practice)

<b>Semester 1</b>		
IAD-711	Critical Theory in Art and Design (Theory)	3(3-0)
IAD-712	Studio Practice 1 (Studio)	3(0-3)
IAD-715	Research Methodology (Theory)	3(3-0)
IAD-716	Creative Visual Practice I (Studio)	3(0-3)
<b>Semester 2</b>		
IAD-717	Sociology of Culture and Arts (Theory)	3(3-0)
IAD-718	Studio Practice II (Studio)	3(0-3)
IAD-721	Contemporary Art and Design Practices (Studio)	3(0-3)
IAD-722	Creative Visual Practice II (Studio)	3(0-3)
<b>Mandatory Requirements</b>		
STA-795	Statistics for Research	3(2-1)
IAD 730	Thesis	6(0-6)



## Department of Education

Phone: 041-9201556  
Email: education@gcuf.edu.pk



### Vision

To prepare reflective educators who possess theoretical knowledge as well as practical mastery of pedagogical techniques and who can face future challenges in the education sector with confidence. The department intends to develop in its graduates a critical understanding of the core areas of education by providing quality education.

### Mission

To provide flexible, multi-method learning opportunities with a variety of approaches including lectures, tutorial group discussions, seminars, presentations, research work, teaching practice, fieldwork etc.

### Introduction

The department of Education was established in 2003 with an idea of providing quality education to the individuals interested in adopting teaching as a profession. The department has been evolving and flourishing according to the social and technological changes in the society in general and the educational environment in particular. The department aims to provide quality education and research to prepare reflective educators who can meet future challenges in the education sector. The department intends to develop in its graduates a critical understanding of the core issues of education and research aptitude. So that after completing the programmes, the graduates can serve different fields of education and research.

### Faculty

#### Dr. Shafqat Hussain

Associate Professor / Chairman  
PhD, Post Doc (UK)

Specialization: Educational research, Assessment & Evaluation, Teacher Education

#### Dr. Muhammad Naeem Mohsin

Associate Professor  
PhD, Post Doc (Austria), (HEC Approved PhD Supervisor)

Specialization: Special Education & Training, Distance Education

#### Dr. Bushra Naoreen

Assistant Professor (TTS)  
PhD, (HEC Approved PhD Supervisor)

Specialization: Teacher Education & Research in Education

#### Dr. Shumaila Shahzad

Assistant Professor (TTS)  
PhD

Specialization: Educational Psychology, Educational Measurement & Evaluation

#### Dr. Muhammad Ayub Buzdar

Assistant Professor (TTS) (On study leave for Post Doc)  
PhD, (HEC Approved PhD Supervisor)

Specialization: Critical Pedagogy, Educational Psychology

#### Dr. Khuda Bakhsh Malik

Assistant Professor (TTS)

### Programs Offered

1. BEd (Hons) Elementary
2. BEd 1.5 Year
3. MA Education
4. MPhil Education
5. PhD Education

Chairman: Dr. Shafqat Hussain



PhD (HEC Approved PhD Supervisor)  
Science Education, Educational Leadership & Management

**Dr. Hamid Ikram**

Assistant Professor  
PhD (USA),  
Specialization: Science Education, Curriculum, Policy Studies

**Dr. Muhammad Shabbir**

Assistant Professor  
PhD  
Specialization: Administration & Management, TQM

**Dr. Shafqat Rasool**

PhD, Post Doc (UK)  
Lecturer, (HEC Approved PhD Supervisor)  
Specialization: Educational Administration, TQM

**Ms. Hina Gull**

Lecturer  
MA  
Specialization: Educational Administration

**Ms. Shamaieela Mehboob**

Lecturer  
MPhil  
Specialization: Educational Administration

**BEd (Hons) Elementary**

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
EDU-305	Child development	3(3-0)
URD-321	Urdu	3(3-0)
EDU-307	General Science	3(3-0)
EDU-311	General Methods of Teaching	3(3-0)
Semester 2		
ENG-322	Comprehensive and Composition	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
EDU-306	Classroom Management	3(3-0)
MTH-111	Basic Mathematics-I	3(3-0)

PST-321	Pakistan Studies	2(2-0)
EDU-312	Methods of teaching Islamic Studies	3(3-0)
Semester 3		
ENG-421	Communication Skills	3(3-0)
EDU-403	Teaching literacy Skills	3(3-0)
BGD-317	Art, Craft and Calligraphy	3(3-0)
EDU-407	Teaching of Urdu/Regional Languages	3(3-0)
EDU-409	Teaching of General Science	3(3-0)
EDU-431	Teaching Practice-1 (Internal)	3(0-3)
Semester 4		
ENG-422	Technical Writing	3(3-0)
EDU-402	Classroom Assessment	3(3-0)
EDU-404	Teaching of English	3(3-0)
EDU-406	Teaching of Mathematics	3(3-0)
EDU-410	Teaching of Social Studies	3(3-0)
EDU-432	Teaching Practice-II	3(0-3)
Semester 5		
EDU-501	School, Community and Teacher	3(3-0)
EDU-503	Foundations of Education	3(3-0)
PHY-321	Applied Physics-I	3(3-0)
MTH-112	Basic Mathematics-II	3(3-0)
EDU-509	Curriculum Development	3(3-0)
EDU-511	Comparative Education	3(3-0)
Semester 6		
EDU-502	Contemporary Trends and issues in Education	3(3-0)
BOT-303	Functional Biology-I	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
EDU-508	Educational Psychology	3(3-0)
EDU-510	Introduction to guidance and counseling	3(3-0)
EDU-512	Instructional and Communication Technology (ICT) in Education	3(3-0)
Semester 7		
CHM-321	Introductory Chemistry	3(3-0)
MTH-322	Introduction to Calculus	3(3-0)
EDU-607	Data Analysis in Education	3(3-0)
EDU-609	Research Methods in Education	3(3-0)
EDU-633	Teaching Practice-III	3(0-3)

Semester 8		
EDU-602	School Management	3(3-0)
EDU-604	Test development and evaluation	3(3-0)
EDU-634	Teaching Practice-IV(Long Term)	6(0-6)
EDU-632	Research project	3(0-3)

**BEd 1.5 years/3 semesters**

Semester 1		
EDU-551	Philosophy of Education	3(3-0)
EDU-553	Introduction to Educational Psychology	3(3-0)
EDU-555	Sociology of Education	3(3-0)
EDU-557	Educational Management & Supervision	3(3-0)
EDU-559	Curriculum Development & Implementation	3(3-0)
EDU-561	Research Methods in education	3(3-0)
Semester 2		
EDU-552	Educational Technology	3(3-0)
EDU-556	Educational Measurement & Evaluation	3(3-0)
	Area of Specialization (Course-I)	3(3-0)
	Area of Specialization (Course-II)	3(3-0)
	Area of Specialization (Course-III)	3(3-0)
	Area of Specialization (Course-IV)	3(3-0)
Semester 3		
EDU-611	Teaching Practice	6(0-6)
EDU-613	General Methods of Teaching	3(3-0)
EDU-615	Inclusive Education	3(3-0)
EDU-631	Project	3(0-3)
ENG-421	Communication Skills	3(3-0)
Elective Courses		
Group 1: Leadership and Management		
EDU-562	Management Strategies in Educational Institutions	3(3-0)
EDU-564	School Administration and Supervision	3(3-0)
EDU-561	Human Resource Management	3(3-0)
EDU-568	School Leadership	3(3-0)
Group 2: Information and Communication Technology in Education		
EDU-570	Educational Technology	3(3-0)



EDU-572	Computers in Education	3(3-0)
EDU-574	Education and Media	3(3-0)
EDU-576	Education and Social Media	3(3-0)
<b>Group 3: Teacher Education</b>		
EDU-578	Elementary Education	3(3-0)
EDU-580	Secondary Education	3(3-0)
EDU-582	Higher Education	3(3-0)
EDU-584	Teacher Education in Pakistan	3(3-0)
<b>Group 4: Science Education</b>		
EDU-586	Foundations of Science Education	3(3-0)
EDU-588	Assessment in Science Education	3(3-0)
EDU-589	Laboratory Organization, Management and Safety Methods	3(3-0)
EDU-590	General Science in Schools	3(3-0)
<b>Group 5: Inclusive Education</b>		
EDU-592	Foundations of Inclusive Education	3(3-0)
EDU-594	Psychology of Special Children	3(3-0)
EDU-596	Socialization of Children with Special Needs	3(3-0)
EDU-598	Assessment of Children with Special Needs	3(3-0)

EDU-657	Report Writing in Educational Research	3(3-0)
EDU-659	Statistical Application in Education OR	3(3-0)
EDU-680	Thesis	6(0-6)
<b>Group I: Educational Management</b>		
EDU-660	Planning & Financing of Education	3(3-0)
EDU-661	Human Resource Management	3(3-0)
<b>Group II: Educational Psychology</b>		
EDU-662	Psychology of Exceptional Children	3(3-0)
EDU-663	Psychological Testing	3(3-0)
<b>SEMESTER-4</b>		
EDU-654	Educational Change	3(3-0)
EDU-656	Teaching Profession	3(3-0)
EDU-658	Comparative Education	3(3-0)
EDU-682	Teaching Practice	6(0-6)
<b>Group I: Educational Management</b>		
EDU-664	Personnel Management	3(3-0)
EDU-665	Educational Law	3(3-0)
<b>Group II: Educational Psychology</b>		
EDU-666	Theory and Application of Psychological Testing	3(3-0)
EDU-667	Human Development	3(3-0)

EDU-738	Emerging trends in Educational Research **	3(3-0)
EDU-739	Comparative Education **	3(3-0)
<b>* Students will choose any two courses from Specialization</b>		
<b>Group 1: Educational Administration</b>		
EDU-707	Organizational Theory and Behavior in Education	3(3-0)
EDU-708	Total Quality Management (TQM) in Education	3(3-0)
EDU-709	Human Resource Management in Education	3(3-0)
EDU-710	Educational Leadership and Supervision	3(3-0)
<b>Group 2: Educational Psychology</b>		
EDU-711	Psychology of Exceptional Children	3(3-0)
EDU-712	Learning and Instructions	3(3-0)
EDU-713	Psychological Testing	3(3-0)
EDU-714	Social Psychology	3(3-0)
<b>Group 3: Curriculum Studies</b>		
EDU-715	Trends and Issues in Curriculum	3(3-0)
EDU-716	Curriculum Theories and Practices	3(3-0)
EDU-717	Curriculum Evaluation and Assessment	3(3-0)
EDU-718	Curriculum Change and Innovation in Education	3(3-0)
<b>Group 4: Educational Assessment and Evaluation</b>		
EDU-719	Test theories and Designs	3(3-0)
EDU-720	Trends and Issues in Educational Assessment	3(3-0)
EDU-721	Test Development	3(3-0)
EDU-722	Methods and techniques of Classroom Assessment	3(3-0)
<b>*Courses for MPhil program</b>		
<b>** Core courses for PhD students; They will have to take three core courses as and when offered by the department.</b>		
<b>Mandatory Requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
EDU-728	Seminar (General)	1(0-1)
EDU-729	Seminar (Research)	1(0-1)
EDU-730	Thesis	6 (0-6)
<b>Mandatory Requirements for PhD</b>		
EDU-758	Seminar (General)	1(0-1)
EDU-759	Seminar (Research)	1(0-1)
EDU-760	Thesis	---

## MA Education

<b>Semester 1</b>		
EDU-551	Philosophy of Education	3(3-0)
EDU-553	Introduction to Educational Psychology	3(3-0)
EDU-555	Sociology of education	3(3-0)
EDU-557	Educational Management & Supervision	3(3-0)
EDU-559	Curriculum Development & Implementation	3(3-0)
EDU-561	Research Methods in education	3(3-0)
<b>Semester 2</b>		
EDU-552	Educational Technology	3(3-0)
EDU-554	Education in Pakistan	3(3-0)
EDU-556	Educational Measurement & Evaluation	3(3-0)
EDU-558	Computer Application in Education	3(3-0)
EDU-560	Content improvement course in English	3(3-0)
<b>Semester 3</b>		
EDU-653	Contemporary Trends & Issues in Education	3(3-0)
EDU-655	Methods of teaching English	3(3-0)

## MPhil and PhD Education

EDU-701	Advanced Educational Administration and Management *	3(3-0)
EDU-702	Advanced Educational Psychology *	3(3-0)
EDU-703	Curriculum Planning and Development *	3(3-0)
EDU-704	Advanced Research Methods in Education *	3(3-0)
STA-795	Statistics for Research *	3(2-1)
EDU-705	Assessment and Evaluation in Education *	3(3-0)
EDU-731	Research Methodology (Qualitative, Quantitative and Mixed Method)	3(3-0)
EDU-732	Data Analysis Techniques	3(3-0)
EDU-733	Academic Writing Skills	3(3-0)
EDU-734	Philosophical Paradigms of Education **	3(3-0)
EDU-735	Emerging Trends in Teacher Education **	3(3-0)
EDU-736	Policy Studies in Education **	3(3-0)
EDU-737	Technology in Education **	3(3-0)

## Department of English Literature

Phone: 041-9201413

Email: engliteration@gcuf.edu.pk



### Vision

The vision of the Department of English Literature at Government College University is to enable the students to cope with the radical changes taking place in the field of knowledge. The Department aims to stimulate humanistic learning and the capacity to respond rationally and imaginatively to literature and life. Through the advancement of knowledge, skills and human creativity, the Department prepares students to be independent, enlightened thinkers aiming to work as professionals and opinioned leaders of tomorrow.

### Mission

The mission of the Department of English Literature at Government College University is to inspire an appreciation for the English language and its literatures, and to cultivate its effective use in creative expression and day-to-day life. The Department strives to enhance student success by fostering an environment conducive to intellectual and personal growth and aims to preserve and protect academic freedom and intellectual independence. It provides a forum for critical inquiry and debate. Our mission is to instil in the students a spirit of critical inquiry with a capability to look beyond their parochial surroundings and analytical vision to place and define themselves in the wider social, cultural, political and ideological environment. Through our extensive curriculum, we aim at the development of an educated and enlightened population capable of informed judgment and responsible citizenship and the availability of persons who have the knowledge, skills and adaptability required by public and private enterprise.

### Introduction

The Department of English Literature is one of the leading departments of the University with a rich history of excellence, quality teaching and research spanning over decades. The Department has always been committed to the symbiotic relationship of teaching, research and the larger concerns of society. The Department of English seeks to provide to the diverse needs of its students by offering them the opportunity to read widely, understand and enjoy what they read, and to express themselves both orally and in writing with ease, force and clarity. The English Department maintains its strong commitment to traditional areas of study, while also supporting groundbreaking research and teaching in new and interdisciplinary approaches to literary studies.

The Department grants BS, MA, M Phil and PhD degrees. We are one of the largest departments in the university with 30 faculty members. The Department of English caters for the needs of other departments related to English language, hence maintaining close ties with other departments. English Department teaches across the whole range of English literature and language studies including English Translation Studies. Our aim is to provide students with a stimulating environment in which to develop skills in all areas of English.

### Programs Offered

1. BS English Literature
2. MA English Literature
3. MPhil English Literature
4. PhD English Literature

Chairperson: Prof. Dr. Mazhar Hayat



## Faculty

### Prof. Dr. Mazhar Hayat

Chairman / Professor PhD (IIUI)  
Specialization: Comparative Literature, Critical Theory, Literary Stylistics

### Dr. Ghulam Murtaza

Associate Professor  
PhD (NUML Islamabad)  
Specialization: Native American Literature, Foucauldian Studies, Critical Discourse Analysis

### Dr. Muhammad Asif

Assistant Professor PhD  
Specialization: Postcolonial Studies, Pakistani Literature in English, Literary Theory

### Dr. Ali Usman Saleem

Assistant Professor  
PhD (University Bedfordshire, England)  
Specialization: 9/11 and War on Terror Discourse, Pakistani Literature in English

### Dr. Asma Aftab

Assistant Professor  
PhD (NUML)  
Specialization: Feminist Literary Criticism, Literary Theory, Pakistani Literature in English

### Ms. Sofia Dildar Alvi

Lecturer (on EOL)  
M.Phil (UMT Lhr)  
Specialization: Classical Literary Theory, Pakistani Literature, Halliday's Functional Linguistics

### Mr. Aamer Shaheen

Lecturer  
M.Phil (GCUF), PhD (Scholar)  
Specialization: Novel in "englishes", Pakistani literature in English, Literary theory

### Ms. Sadia Qamar

Lecturer  
L.L.B, M.Phil (IUB), PhD (Scholar)  
Specialization: Modern English Poetry, Novel in "englishes", Pakistani literature in English

### Mr. Noor-ul-Qamar Qasmi

Lecturer (On study leave)  
M.Phil (IIUI) PhD (Scholar)  
Specialization: Popular Narratives, Post Colonialism

### Ms. Uzma Asmat

Lecturer (On Study Leave)  
M.Phil (UMT Lhr), PhD (Scholar)  
Specialization: Discourse Analysis

### Ms. Saddaf Rashid

Lecturer  
M.Phil, PhD Scholar PhD (Scholar)  
Specialization: Feminist Literary Criticism

### Ms. Safana Hashmat

Lecturer  
M.Phil (GCUF), PhD (Scholar)  
Specialization: Psychoanalysis, Literary Criticism

### Mr. Muhammad Afzal Janjua

Lecturer  
M.Phil (GCUF)  
Specialization: Post-colonial Literature, History of Literature, Novel, Criticism

### Mr. Tasawar Abbas Shah

Lecturer (On Study Leave)  
PhD (Scholar)  
Specialization: Syntax, Semantics, Classical Drama

### Ms. Sahar Javaid

Lecturer  
M.Phil (IUB), PhD (Scholar)  
Specialization: English Literature, Novel, Communication Skills

### Ms. Nosheen Yousaf

Lecturer  
M.Phil (FC College, Lhr)  
Specialization: Postcolonial Studies, Transcultural Studies, Literary Criticism, Novel, Stylistics

### Ms. Sajjida Iqbal

Lecturer  
M.Phil (GCUF)  
Specialization: Stylistics, Literary Theory- Marxism, New Historicism, Psychoanalysis

### Ms. Kanza Umer Khan

Lecturer  
M.Phil (GCUF), PhD (Scholar)  
Specialization: Communication Skills, Leadership Skills, Project-Designing & Report-writing

### Mr. Muhammad Hassan Lali

Lecturer (On Deputation)  
M.Phil, PhD Scholar  
Specialization: Drama & Poetry

### Ms. Hina Kanwal

Lecturer  
M.Phil (GCUF)  
Specialization: American Literature

### Ms. Sadia Akram

Lecturer (On Study Leave)  
M.Phil (GCUF) PhD (Scholar)  
Specialization: Research Methodology, Comparative Literature, Literary Theory, World Literature

### Ms. Anum Javed

Lecturer  
M.Phil  
Specialization: Post Historicism

### Ms. Farkhanda Nazir

Lecturer (On study leave)  
M.Phil (GCUF), Diploma in TEFL, PhD (Scholar)  
Specialization: Literary Theory, Research Methodology & Novel

### Ms. Aneela Azhar

Lecturer  
M.A (PU Lhr)  
Specialization: Research Methodology, Poetry, Novel

### Ms. Sonia Rafique

Lecturer  
M.Phil (UMT)  
Specialization: General Linguistics, Classical Poetry

### Ms. Sabeen Nadeem

Lecturer  
M.Phil (GCUF)  
Specialization: Modern Novel, Communication Skills

**Ms. Zahida Rehman**

Lecturer (on Contract)

M.Phil

Specialization: Modern Novel, Communication Skills

**Ms. Tabassum Maqbool**

Lecturer (on Contract)

M.Phil (GCUF)

Specialization: Feminism, Creative Writing, Literary Theory

**Ms. Samreen**

Lecturer (On contract)

M.Phil (GCUF)

Specialization: Communication Skills

## Scheme of Studies

### BS English Literature

Semester 1		
ENG-301	English (I)	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENG-305	History of English Literature (I)	3(3-0)
ENG--303	Introduction to Literary Studies	3(3-0)
ENG-307	Classical Poetry (I)	3(3-0)
ENG-309	Prose	3(3-0)
PSY-407	Social Psychology	3(3-0)
Semester 2		
ENG-302	English (II)	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ENG-304	Classical Poetry (II)	3(3-0)
ENG-306	History of English Literature (II)	3(3-0)
ENG-308	Greek Literature	3(3-0)
ENG-310	Philosophy	3(3-0)
Semester 3		
ENG-401	English (III)	3(3-0)
CSI- 321	Introduction to Computing Applications	3(3-0)
ENG-403	Introduction to Linguistics	3(3-0)
ENG-405	Novel (I)	3(3-0)
ENG-407	Elizabethan and Restoration Drama	3(3-0)
GEO-302	Physical Geography	3(3-0)

Semester 4		
ENG-402	Advanced Academic Reading and Writing	3(3-0)
ENG-404	Media Studies	3(3-0)
ENG-406	Literary Criticism	3(3-0)
ENG-408	Romantic and Victorian Poetry	3(3-0)
ENG-409	Victorian Novel	3(3-0)
ENG-410	Shakespearean Studies	3(3-0)
Semester 5		
ENG-501	Modern Poetry	3(3-0)
ENG-503	Pakistani Literature in Translation	3(3-0)
ENG-505	TESOL	3(3-0)
ENG-507	Literary Theory (I)	3(3-0)
ENG-509	American Literature (I)	3(3-0)
ENG-511	Modern Novel	3(3-0)
Semester 6		
ENG-502	Literary Theory (II)	3(3-0)
ENG-504	American Literature (II)	3(3-0)
ENG-506	Modern Drama	3(3-0)
ENG-508	Russian Literature	3(3-0)
ENG-510	Pakistani Literature in English (I)	3(3-0)
Semester 7		
ENG-601	Short Stories	3(3-0)
ENG-603	Postcolonial Studies	3(3-0)
ENG-605	Pakistani Literature in English (II)	3(3-0)
ENG-607	Literature of War and Conflict	3(3-0)
ENG-609	Theatre of the Absurd	3(3-0)
Semester 8		
ENG-602	Research Methodology	3(3-0)
ENG-604	Women's Writings	3(3-0)
ENG-606	World Literature	3(3-0)
ENG-608	Postcolonial Literature	3(3-0)
ENG-610	Critical Theory	3(3-0)

## MA English Literature

Semester 1		
ENG-551	Classical Poetry	3(3-0)
ENG-553	Elizabethan and Restoration Drama	3(3-0)
ENG-555	History of English Literature	3(3-0)
ENG-557	Prose	3(3-0)
ENG-559	Academic Reading & Writing	3(3-0)
ENG-561	Greek Literature	3(3-0)
Semester 2		
ENG-552	Literary Criticism	3(3-0)
ENG-554	Novel-1	3(3-0)
ENG-556	Romantic & Victorian Poetry	3(3-0)
ENG-558	American Literature	3(3-0)
ENG-560	Literary Theory	3(3-0)
ENG-562	General Linguistics	3(3-0)
Semester 3		
ENG-651	Research Methodology	3(3-0)
ENG-653	Modern Drama	3(3-0)
ENG-655	Modern Poetry	3(3-0)
ENG-657	Postcolonial Studies	3(3-0)
ENG-659	Literature Around the World	3(3-0)
ENG-661	Theatre of Absurd	3(3-0)
Semester 4		
ENG-652	Modern Novel	3(3-0)
ENG-654	Pakistani Literature in English	3(3-0)
ENG-656	Short Stories	3(3-0)
ENG-658	Women's Writings	3(3-0)
ENG-660	Literature of War and Conflict	3(3-0)
ENG-662	Shakespearean Studies	3(3-0)

## MPhil / PhD

## English Literature

Core Courses		
*ENG-701	Literary Theory	3(3-0)
*ENG-704	Research Methodology	3(3-0)
*ENG-705	Postcolonial Studies	3(3-0)
*ENG-706	Pakistani Literature in English	3(3-0)
**ENG-711	Advanced Research Methods	3(3-0)
**ENG-712	Literary and Critical Studies	3(3-0)
Other Mandatory Requirement for M.Phil		
STA-795	Statistics for Research	3(2-1)
ENG-730	Thesis	6(6-0)
Other Mandatory Requirement for Ph.D		
STA-795	Statistics for Research	3(2-1)
ENG-760	Thesis	
* Core course for M.Phil and 2 elective courses in each semester		
** Core course for Ph.D and 2 elective courses in each semester		
List of Elective Courses for Mphil / Phd English		
ENG-702	20th Century Drama and Poetry	3(3-0)
ENG-703	20th Century Fiction	3(3-0)
ENG-707	American Literature	3(3-0)
ENG-708	World Literature in Translation	3(3-0)
ENG-709	Classical Rhetorical Studies	3(3-0)
ENG-710	South Asian Literature	3(3-0)
ENG-713	Contemporary Pakistani Literature	3(3-0)
ENG-714	Literatures Across Time and Cultures	3(3-0)
ENG-715	Postcolonial Theory and Literature	3(3-0)
ENG-716	Gender Studies	3(3-0)
ENG-717	Native American Literatures n Shakespearean Studies	3(3-0)
Seminars for PhD		
ENG-758	Seminar General	1(0-1)
ENG-759	Seminar Research	1(0-1)



## Department of History and Pakistan Studies

Phone: 041-9201428  
Email: history@gcuf.edu.pk

### Programs Offered

1. BS History
2. BS Pakistan Studies
3. MSc Pakistan Studies
4. MA History
5. MPhil Pakistan Studies
6. MPhil History
7. PhD History

Chairman: Dr. Rizwan Ullah Kokab



### Vision

Aim to be a leader of the disciplines of social sciences by developing analytical tools excelling in teaching, scholarship and exploiting opportunities for academic research.

### Mission

The Department of History and Pakistan Studies is dedicated to the pursuit of academic excellence and diversity. The department strives to polish the students' intellectual curiosity with a focus on tools to assess and solve complex problems and inculcate skills to become independent and motivated decision-makers.

### Introduction

The Department of Pakistan Studies was established in 2003 but after the launching of the discipline of History, it was renamed as the Department of History & Pakistan Studies in 2011. The Department offers various programmes, such as BS History, BS Pakistan Studies (Morning + Evening), MSc in both disciplines (Morning + DLE), M.Phil in both disciplines (Evening + Executive) and Ph.D History (Morning). The Department is committed to impart learning and understanding of philosophical, social, cultural, political and economic counters of the discipline of the History as well as various aspects of the state and society of Pakistan. It also commits to orientate the students towards the strengths and the weaknesses of social, political and economic institutions in order to enable them to correct deficiencies.

Our goal is to make the Department a center of excellence by producing capable experts and by carrying out quality research in both the disciplines of History and Pakistan Studies. History as a social subject is quite vast and It deals with human actions in

past happened in various periods, epochs, events, regions, areas and continents. It has a multi disciplinary nature and almost all the subjects dealing with society came out from its lap. Pakistan Studies is also an inter-disciplinary subject which mainly focuses on geography, economy, religion, politics, language, literature and society of Pakistan. The Department mainly aims at, the promotion of national integration, peace, harmony, progress and prosperity, and violence free social behavior among the students. In its pursuit to enhance conceptual and intellectual capabilities and activities, the Study Circle and Society of Department is established this year. That is why the Department excelled as the best in the block and one of the top ten 'Clean and Green' departments of University.

### Faculty

#### Dr. Rizwan Ullah Kokab

Associate Professor/Chairman  
PhD History, Post Doc (Edinburgh UK).  
Specialization: Movements Leadership, Separatism

#### Mr. Ghulam Ghous

Assistant Professor/Registrar  
M.Phil (History) QAU, Islamabad  
Specialization: Freedom movements, Party Politics

#### Dr. Abdul Qadir Mushtaq

Assistant Professor  
PhD History  
Specialization: Constitutional and Political History of Pakistan

**Dr. Muhammad Dilshad Muhabbat**

Assistant Professor  
PhD History  
Specialization: Education in Colonial Punjab

**Dr. Azmat Ullah**

Assistant Professor  
PhD History  
Specialization: Pastun's Struggle for Power in Afghanistan

**Dr. Najeeb-U-Rehman**

Assistant Professor  
PhD History  
Specialization: History of Judiciary and the Parliament

**Dr. Muhammad Waris Awan**

Assistant Professor  
PhD History  
Specialization: Historiography & Philosophy of History Power Politics and politics of Biradarism Modern Europe

**Dr. Mansoor Ahmed**

Assistant Professor (OPS)  
PhD History (France)  
Specialization: Religion and Politics in Pakistan

**Ms. Zil-e-Huma Rafique**

M.Phil (Pakistan Studies) GCUF  
Lecturer  
Specialization: Pak-US Relations Political History of Pakistan

**Ms. Somia Tasneem**

M.Phil (Pakistan Studies), GCUF  
Lecturer (FDP)  
Specialization: Culture and Tourism

**Ms. Asma Naureen**

M.Phil (History), PU Lahore.  
Lecturer (on Study Leave)  
Specialization: Pakistan Movement

**Ms. Iffat Tahira**

Lecturer (on Study Leave)  
M.Phil. (Pakistan Studies), GCUF  
Specialization: Local Self Government in Pakistan

**Mr. Muhammad Hassan Sanwal**

Lecturer (Gold Medalist)  
M.Phil (History) GCUF, LLB.

Specialization: History of Medieval India, Pakistan Movement, History of Modern Pakistan, Constitutional & Political History, Electoral studies, Research Methodology and Historiography

**Mr. Zaighum Sarfraz Kamoka**

Lecturer (on Study Leave)  
M.Phil (History) QAU, Islamabad  
Specialization: Modern south Asia and governance crises in Pakistan

**Mr. Mazhar Abbas**

Lecturer (on Study Leave)  
M.Phil (History) QAU, Islamabad  
Specialization: Landed Aristocracy in Pakistan

**Mr. Umer Yaqoob**

Lecturer  
M.Phil (Pakistan Studies) QAU, Islamabad  
Specialization: Gender Issues, Sufism, Constitutional Development in Pakistan

**Ms. Bushra Shaukat**

Lecturer (On Deputation)  
M.Phil (Pakistan Studies) GCUF  
Specialization: Religion and Nationalism

**Ms. Farah Naz**

Lecturer (On Deputation)  
M.Phil (Pakistan Studies) GCUF  
Specialization: Economy

**Mr. Tohid Ahmad Chattha**

Teaching Assistant  
M.Phil (Pakistan studies)  
Specialization: History of Punjab and Religious extremism in Pakistan



## Scheme of Studies

### BS History

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies for Muslims only	2(2-0)
ISL-322	Ethics for Non-Muslims only	2(2-0)
MCM-555	Media History	3(3-0)
PST-406	Major Problems of Pakistan	3(3-0)
POL-301	Introduction to Political Science	3(3-0)
HIS-301	Introduction to History	3(3-0)
Semester 2		
ENG-322	English Comprehension & Composition	3(3-0)
PST-322	Pakistan Studies	2(2-0)
HIS-302	History of Ancient India (Earliest to 712 AD)	3(3-0)
HIS-304	Study of Archives	3(2-1)
HIS-306	Basics of Research Methodology	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
Semester 3		
ENG-421	Communication Skills	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ECO-408	Issues in Pakistan's Economy	3(3-0)
HIS-401	History of the Punjab (712-1849 AD)	3(3-0)
HIS-403	Muslim Struggle for Independence in India (1857-1947)	3(3-0)
Semester 4		
PST-301	Historical Geography of Pakistan	3(2-1)
HIS-404	Introduction to Archaeology	3(2-1)
HIS-406	Europe: From Renaissance to World War I	3(3-0)
HIS-408	Historiography	3(3-0)
URD-301	Urdu Zaban: Tashkil-o-Ertiqa	3(3-0)
HIS-412	History of USA	3(3-0)
Semester 5		
HIS-501	History of Islam (571-750 AD)	3(3-0)
HIS-503	Political History of Pakistan (1947-2018 AD)	3(3-0)
	<b>Elective-I</b>	
HIS-505	Muslims in South Asia (712-1526 AD)	3(3-0)



HIS-507	Electoral Politics in Pakistan	3(3-0)
HIS-509	History of Ancient Civilizations	3(3-0)
<b>Semester 6</b>		
HIS-502	Advanced Methods of Historical Research	3(3-0)
HIS-504	History of Afghanistan	3(3-0)
HIS-506	Muslims in South Asia (1526-1707 AD)	3(3-0)
HIS-508	History of Abbasids	3(3-0)
	Elective-II	
<b>Semester 7</b>		
HIS-601	History of Khyber Pakhtunkhwa	3(3-0)
HIS-603	Muslims in South Asia (1707-1857 AD)	3(3-0)
HIS-605	History of Ottomans (1299-1924)	3(3-0)
HIS-707	History of Literary Movements in South Asia	3(3-0)
	Elective-III	
<b>Semester 8</b>		
HIS-602	History of the Punjab (1849-1947 AD)	3(3-0)
HIS-604	Europe: From World War I to War on Terrorism (1914-2001)	3(3-0)
HIS-606	History of Muslim Political Thought/ Research Project	3(3-0)
	Elective-IV	
	Elective-V	
<b>Elective I, II, III, IV will be selected from the list below</b>		
HIS-511	International Organizations	3(3-0)
HIS-513	Contemporary Issues of the World	3(3-0)
PST-403	Foreign Policy of Pakistan	3(3-0)
HIS-512	Constitutional History of Pakistan	3(3-0)
HIS-608	History of Sufism in India	3(3-0)
HIS-610	Religion and Politics in Pakistan	3(3-0)
HIS-514	Civil-Military Relations in Pakistan	3(3-0)
HIS-612	Political Parties in Pakistan	3(3-0)
HIS-609	Migration and Rehabilitation in Punjab	3(3-0)
HIS-614	State and Society in Pakistan	3(3-0)
HIS-515	History of Colonialism	3(3-0)
HIS-611	Federalism in Pakistan	3(3-0)
HIS-613	Women Empowerment in Pakistan	3(3-0)
HIS-615	History of Arts in Pakistan	3(2-1)

## MA History

<b>Semester 1</b>		
HIS-501	History of Islam (571-750 AD)	3(3-0)
HIS-503	Political History of Pakistan (1947-2018 AD)	3(3-0)
	Elective-I	
HIS-505	Muslims in South Asia (712-1526 AD)	3(3-0)
HIS-507	Electoral Politics in Pakistan	3(3-0)
HIS-509	History of Ancient Civilizations	3(3-0)
<b>Semester 2</b>		
HIS-502	Advanced Methods of Historical Research	3(3-0)
HIS-504	History of Afghanistan	3(3-0)
HIS-506	Muslims in South Asia (1526-1707 AD)	3(3-0)
HIS-508	History of Abbasids	3(3-0)
HIS-403	Muslim Struggle for Independence in India (1857-1947)	3(3-0)
	Elective-II	
<b>Semester 3</b>		
HIS-601	History of Khyber Pakhtunkhwa	3(3-0)
HIS-603	Muslims in South Asia (1707-1857 AD)	3(3-0)
HIS-605	History of Ottomans (1299-1924)	3(3-0)
HIS-707	History of Literary Movements in South Asia	3(3-0)
HIS-408	Historiography	3(3-0)
	Elective-III	
<b>Semester 4</b>		
HIS-602	History of the Punjab (1849-1947 AD)	3(3-0)
HIS-604	Europe: From World War I to War on Terrorism (1914-2001)	3(3-0)
HIS-606	History of Muslim Political Thought/ Research Project	3(3-0)
	Elective-IV	
	Elective-V	
<b>Elective I, II, III, IV will be selected from the list below</b>		
HIS-511	International Organizations	3(3-0)
HIS-513	Contemporary Issues of the World	3(3-0)
HIS-510	Foreign Policy of Pakistan	3(3-0)
HIS-512	Constitutional History of Pakistan	3(3-0)
HIS-608	History of Sufism in India	3(3-0)
HIS-610	Religion and Politics in Pakistan	3(3-0)

HIS-514	Civil-Military Relations in Pakistan	3(3-0)
HIS-612	Political Parties in Pakistan	3(3-0)
HIS-609	Migration and Rehabilitation in Punjab	3(3-0)
HIS-614	State and Society in Pakistan	3(3-0)
HIS-515	History of Colonialism	3(3-0)
HIS-611	Federalism in Pakistan	3(3-0)
HIS-613	Women Empowerment in Pakistan	3(3-0)

## MPhil/PhD History

<b>Core Courses for MPhil</b>		
HIS-701	Methods of Historical Research	3(3-0)
HIS-703	Trends in Historiography	3(3-0)
HIS-702	Philosophy of History	3(3-0)
<b>Core Courses for PhD</b>		
HIS-705	Applied Historical Research	3(3-0)
HIS-706	Issues in Philosophy of History	3(3-0)
<b>Optional Courses for MPhil &amp; PhD</b>		
HIS-732	Foreign Policy Analysis	3(3-0)
HIS-708	Study of Archives	2(2-0)
HIS-710	Primary Sources on Freedom Movement, 1857-1947	2(2-0)
HIS-712	Regional History (Punjab, Sindh, KPK, Baluchistan, AJK, Tribal Areas, etc.)	3(3-0)
HIS-714	History of Colonialism in India	3(3-0)
HIS-716	River Valley Civilizations	2(2-0)
HIS-718	History of Migrations	3(3-0)
HIS-720	Sufism in South Asia	3(3-0)
HIS-707	Contemporary issues of Pakistan	3(3-0)
HIS-709	Kashmir/any other contemporary issue	3(3-0)
HIS-711	Study of Leadership	2(2-0)
HIS-713	Study of a Historical Movement(s)	2(2-0)
HIS-715	Study of an Institution(s)	2(2-0)
HIS-717	Study of Personalities in History	3(3-0)
HIS-719	Study of an Era (specific period in History)	3(3-0)
HIS-721	Study of a Region	3(3-0)
HIS-723	Modern Trends in Historiography	2(2-0)
HIS-725	Problems of History Writing in Pakistan	3(3-0)
HIS-727	History of Muslim Nationalism in South Asia	2(2-0)



HIS-722	Human Rights	3(3-0)
HIS-724	Politics of Political Parties in Pakistan	2(2-0)
HIS-726	Islam in South Asia	3(3-0)
HIS-734	Persian as Historical Source	3(3-0)
HIS-731	History of Electoral Politics in Pakistan	2(2-0)
<b>Mandatory Requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
HIS-728	Seminar (General)	1(0-1)
HIS-729	Seminar (Research)	1(0-1)
HIS-730	Thesis	6(0-6)
<b>Mandatory Requirements for PhD</b>		
HIS-758	Seminar (General)	1(0-1)
HIS-759	Seminar (Research)	1(0-1)
HIS-760	Thesis	

## BS Pakistan Studies

<b>Semester 1</b>		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies OR	2(2-0)
ISL-322	Ethics for Non-Muslims	2(2-0)
MTH-321	Algebra and Trigonometry	3(3-0)
EDU-503	Foundation of Education (in Pakistan)	3(3-0)
PST-303	Pakistani Society and Culture	3(3-0)
PST-301	Historical Geography of Pakistan	3(2-1)
<b>Semester 2</b>		
ENG-322	English Comprehension & Composition	3(3-0)
PST-322	Pakistan Studies	2(2-0)
HIS-403	Muslim Struggle for Independence in India (1857-1947)	3(3-0)
URD-301	Urdu Zaban: Tashkil-o-Ertiqā	3(3-0)
HIS-306	Basics of Research Methodology	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
<b>Semester 3</b>		
ENG-421	Communication Skills	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ECO-408	Issues in Pakistan's Economy	3(3-0)
PST-401	Foreign Policy of Pakistan	3(3-0)

HIS-503	Political History of Pakistan (1947-2018 AD)	3(3-0)
<b>Semester 4</b>		
MCM-302	Mass Media in Pakistan	3(2-1)
PST-404	Tolerance and Harmony in Pakistani society	3(3-0)
PST-406	Major Problems of Pakistan	3(3-0)
PST-402	Pakistani Languages and Literature	3(3-0)
POL-301	Introduction to Political Science	3(3-0)
PST-412	The Rise and Fall of British Raj in Subcontinent	3(3-0)
<b>Semester 5</b>		
PST-501	Human Rights in Pakistan	3(2-1)
PST-503	Federalism in Pakistan	3(3-0)
	Elective-I	
PST-505	Local Self Government in Pakistan	3(2-1)
HIS-507	Electoral Politics in Pakistan	3(3-0)
HIS-509	History of Ancient Civilizations	3(3-0)
<b>Semester 6</b>		
PST-502	Advanced Methods of Research	3(3-0)
PST-504	Political Parties and Pressure Groups in Pakistan	3(3-0)
HIS-512	Constitutional and Political History of Pakistan	3(3-0)
PST-508	Cultural Heritage of Pakistan	3(2-1)
	Elective-II	
<b>Semester 7</b>		
PST-601	Sufism in South Asia	3(3-0)
PST-603	Urbanization in Pakistan	3(3-0)
PST-605	Disaster Management in Pakistan	3(2-1)
PST-607	Pakistan's Relations with Muslim World	3(3-0)
	Elective-III	
<b>Semester 8</b>		
HIS-602	History of the Punjab (1849-1947 AD)	3(3-0)
PST-604	Pakistan's Relations with USA	3(3-0)
PST-606	Pakistan in International and Regional Organizations/ Research Project	3(3-0)
	Elective-IV	
	Elective-V	
Elective I, II, III, IV will be selected from the list below		
PST-511	Religion and Politics in Pakistan	3(3-0)

PST-513	Civil-Military Relations in Pakistan	3(3-0)
PST-510	Migration and Rehabilitation in Pakistan	3(2-1)
PST-512	State and Society in Pakistan	3(3-0)
PST-514	Environmental issues of Pakistan	3(2-1)
PST-610	Women's Role in Pakistani Society	3(2-1)
HIS-613	Study of Leadership	3(3-0)
PST-611	Parliamentary Studies in Pakistan	3(2-1)
HIS-612	Policy Making and Governance in Pakistan	3(3-0)
PST-515	Mystical Heritage in Pakistan	3(3-0)
PST-614	Muslim Political Thought in India	3(3-0)
PST-615	Study of Archives	3(3-0)
HIS-615	History of Arts in Pakistan	3(2-1)

## MSc Pakistan Studies

<b>Semester 1</b>		
PST-501	Human Rights in Pakistan	3(2-1)
PST-503	Federalism in Pakistan	3(3-0)
	Elective-I	
PST-505	Local Self Government in Pakistan	3(2-1)
HIS-507	Electoral Politics in Pakistan	3(3-0)
HIS-509	History of Ancient Civilizations	3(3-0)
<b>Semester 2</b>		
PST-502	Advanced Methods of Research	3(3-0)
PST-504	Political Parties and Pressure Groups in Pakistan	3(3-0)
HIS-512	Constitutional and Political History of Pakistan	3(3-0)
HIS-403	Muslim Struggle for Independence in India (1857-1947)	3(3-0)
PST-303	Pakistani Society and Culture	3(2-1)
	Elective-II	
<b>Semester 3</b>		
HIS-503	Political History of Pakistan (1947-2018 AD)	3(3-0)
PST-601	Sufism in South Asia	3(3-0)
PST-603	Urbanization in Pakistan	3(3-0)
PST-605	Disaster Management in Pakistan	3(2-1)
PST-607	Pakistan's Relations with Muslim World	3(3-0)
	Elective-III	
<b>Semester 4</b>		

HIS-602	History of the Punjab (1849-1947 AD)	3(3-0)
PST-401	Foreign Policy of Pakistan	3(3-0)
PST-604	Pakistan's Relations with USA	3(3-0)
PST-606	Pakistan in International and Regional Organizations/ Research Project	3(3-0)
	Elective-IV	
	Elective-V	
<b>Elective I, II, III, IV will be selected from the list below</b>		
PST-511	Religion and Politics in Pakistan	3(3-0)
PST-513	Civil-Military Relations in Pakistan	3(3-0)
PST-510	Migration and Rehabilitation in Pakistan	3(2-1)
PST-512	State and Society in Pakistan	3(3-0)
PST-514	Environmental issues of Pakistan	3(2-1)
PST-610	Women's Role in Pakistani Society	3(2-1)
HIS-613	Study of Leadership	3(3-0)
PST-611	Parliamentary Studies in Pakistan	3(2-1)
HIS-612	Policy Making and Governance in Pakistan	3(3-0)
PST-515	Mystical Heritage in Pakistan	3(3-0)
PST-614	Muslim Political Thought in India	3(3-0)
PST-615	Study of Archives	3(3-0)
ECO-408	Issues in Pakistan's Economy	3(3-0)

### MPhil/PhD Pakistan Studies

PST-701	Methods of Research	3(3-0)
PST-703	Politics and Constitutions of Pakistan	3(3-0)
PST-702	Philosophy of Social Sciences	3(3-0)
	Core Courses for PhD	
PST-705	Advanced Research Methodology	3(3-0)
PST-706	Philosophy of Political and Social Sciences (Pakistan Studies)	3(3-0)
	Optional Courses for MPhil & PhD	
PST-704	Historiography in Pakistan	2(2-0)
PST-706	Pakistan's Economy: Challenges and Responses	2(2-0)
PST-708	Contemporary Issues in Pakistan's Foreign Policy	2(2-0)
PST-712	Social Change and Cultural Transformation	3(3-0)
PST-714	Pakistani Society as Reflected in Pakistani Literature (1947-till date)	3(3-0)
PST-716	Study of Archives	3(3-0)

PST-718	Study of Leadership	2(2-0)
PST-720	Sufism in South Asia	2(2-0)
PST-721	Film Industry in Pakistan	3(3-0)
PST-719	Industrial Development in Faisalabad/Pakistan	2(2-0)
PST-717	Folk Music of Sandal Bar	3(3-0)
PST-715	Elections in Pakistan	2(2-0)
PST-713	Population Welfare in Pakistan	3(3-0)
PST-711	Extremism and Tolerance in Pakistan	3(3-0)
PST-709	Study of Culture and Heritage of Pakistan	3(3-0)
PST-707	Civil Society in Pakistan	3(3-0)
PST-723	Human Rights in Pakistan	3(3-0)
PST-724	Geography of Pakistan	3(3-0)
PST-725	Legal System of Pakistan	3(3-0)
PST-726	Language and Literature in Pakistan	3(3-0)
PST-727	Defence and Strategic Studies	3(3-0)
PST-732	Study of Parliament in Pakistan	2(2-0)
PST-733	Policy Making and Governance in Pakistan	3(3-0)
<b>Mandatory Requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
PST-728	Seminar (General)	1(0-1)
PST-729	Seminar (Research)	1(0-1)
PST-730	Thesis	6(0-6)
<b>Mandatory Requirements for PhD</b>		
PST-758	Seminar (General)	1(0-1)
PST-759	Seminar (Research)	1(0-1)
PST-760	Thesis	



## College of Law

Phone: 041-9200152  
Email: law@gcuf.edu.pk



### Vision

The College of Law envisions a society which is just, democratic, and law abiding.

### Mission

To prepare legal practitioners with sound theoretical background and commitment to ethics and fair play. These professionals will play their role in upholding the sanctity of the constitution and the courts of law. They will become torch bearers of human rights, child rights, women rights and minority rights, contributing immensely to the cause of social justice and just society.

### Introduction

The Faculty of Law was established in 2003. The Faculty has its own distinction among other faculties of the University. The programmes offered by the College aim at satisfying academic and professional requirements of the students, so that they may enter the arena of legal practice with all the requisite legal and professional skills. The dynamic teaching faculty of law provides legal education with an Islamic and Pakistani perspective that is relevant to the structure of Pakistani state and society. The students are encouraged to develop critical and analytical skills by involving themselves in the research activities. Owing to the commitment and efforts of highly professional teaching staff, the Law College has made its name in the legal education. Five Years Law Programme is in accordance with the approved curriculum of HEC and Pakistan Bar Council and is designed to cater to all the professional and legal requirements of the students.

- Academic Programmes are recognized by HEC as well as by Pakistan Bar Council
- LL.B program contains latest laws which are not included in the curriculum of other colleges.
- Pakistan law site to consult latest case laws
- On line library of College of Law
- Faculty consists of young and experienced faculty members who are highly committed.

### Faculty

**Dr. Muhammad Amir Manj**  
Assistant Professor/ Incharge  
Specialization: Jurisprudence & International Law

**Dr. Ghulam Murtiza**  
Assistant Professor  
Specialization: Intellectual Property Law

**Dr. Aamir Abbas Haral**  
Assistant Professor  
Specialization: Company & Corporate Law

**Ms. Fozia Naseem**  
Assistant Professor  
PhD Scholar  
Specialization: Human Rights Law

### Programs Offered

1. LLB (5 Years)
2. LLM

Incharge : Dr. Muhammad Amir Manj

**Mr. Mirza Shahid Rizwan Baig**

Assistant Professor  
PhD Scholar (On Study Leave)  
Specialization: Corporate Law

**Mr. Khalil ur Rehman Tariq**

Lecturer  
LL.M  
Specialization: Criminal Law

**Mr. Shahid Sultan**

Lecturer  
PhD Scholar (On Study Leave)  
Specialization: International Law

**Mr. Muhammad Waqas Sarwar**

Lecturer  
PhD Scholar (On Study Leave)  
Specialization: Constitutional & Commercial Law

**Ms. Noreen Akhtar Butt**

Lecturer  
PhD Scholar  
Specialization: Corporate Law

**Mr. Najam Ameer**

Lecturer  
LL.M  
Specialization: Criminal Law

**Mr. Babar Shaheen Haral**

Research & Teaching Assistant  
LL.M  
Specialization: Criminal Law, Human Rights Law

**Scheme of Studies  
LLB (5 Years)**

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
SOC-307	Introduction to Sociology	3(3-0)
ECO-408	Fundamental of Economics	3(3-0)
LAW-301	Introduction to Law	3(3-0)
CSI-321	Skill Development	3(3-0)
LAW-303	Tolerance and Law	3(3-0)

Semester 2		
ENG-322	English Comprehensive and Composition	3(3-0)
PST-321	Pakistan studies	2(2-0)
ISL-322	Ethics for Non-Muslims	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
LAW- 302	Legal System of Pakistan	3(3-0)
HIS-404	History (1857-till date)	3(3-0)
LAW-304	Law of Torts-I	3(3-0)
MTH-421	Mathematics	3(3-0)
Semester 3		
ENG-422	Technical Writing	3(3-0)
LAW-401	Islamic Jurisprudence I	3(3-0)
LAW-403	Law of Torts II	3(3-0)
LAW- 405	Law of Contract I	3(3-0)
LAW-407	Constitutional Law I (UK)	3(3-0)
PSY-305	Introduction to Psychology	3(3-0)
Semester 4		
LAW-402	Human Rights Law	3(3-0)
LAW-404	Constitutional Law II (USA)	3(3-0)
LAW-406	Islamic Jurisprudence II	3(3-0)
LAW-408	Jurisprudence I	3(3-0)
LAW-410	Law of Contract II	3(3-0)
LAW-412	Consumer Protection Laws	3(3-0)
Semester 5		
LAW-501	Jurisprudence II	3(3-0)
LAW-503	Constitutional Development In Pakistan	3(3-0)
LAW-505	Islamic Personal Law I	3(3-0)
LAW-507	Criminal Law I	3(3-0)
LAW-509	Law of Property	3(3-0)
LAW-511	Environmental Laws	3(3-0)
Semester 6		
LAW-502	Introduction to Logic and Legal Reasoning	3(3-0)
LAW-504	Law of Business Organizations	3(3-0)
LAW-506	Islamic Personal Law II	3(3-0)
LAW-508	Criminal Law II	3(3-0)
LAW-510	Special and Local Laws	3(3-0)
LAW-512	Banking Laws	3(3-0)

Semester 7		
LAW-601	Public International Law I	3(3-0)
LAW-603	Constitutional Law III (Pakistan)	3(3-0)
LAW-605	Civil Procedure I	3(3-0)
LAW-607	Criminal Procedure I	3(3-0)
LAW-609	Law of Evidence I	3(3-0)
LAW-611	Legal Drafting I	3(3-0)
Semester 8		
LAW-602	Public International Law II	3(3-0)
LAW-604	Equity and Specific Relief Act	3(3-0)
LAW-606	Civil Procedure II	3(3-0)
LAW-608	Criminal Procedure II	3(3-0)
LAW-610	Law of Evidence II	3(3-0)
LAW-612	Legal Drafting II	3(3-0)
<b>Internship:</b> After completion of 8th semester and before 10 semester (During Summer Vacations)		
Semester 9		
LAW-651	Research Methods	3(3-0)
LAW-653	Minor Acts	3(3-0)
LAW-655	Elective I	3(3-0)
LAW-657	Elective II	3(3-0)
LAW-659	Moot cases and Professional Ethics	3(3-0)
LAW-661	Labour Laws	3(3-0)
Semester 10		
LAW-652	Administrative Law	3(3-0)
LAW-654	Interpretation of Statutes and Legislative Drafting	3(3-0)
LAW-656	Elective III	3(3-0)
LAW-658	Elective IV	3(3-0)
LAW-660	Research Project	3(3-0)
LAW-662	Public Interest Litigation	3(3-0)
List of Elective Subjects		
LAW-663	Alternate Dispute Resolution	3(3-0)
LAW-664	Banking Laws	3(3-0)
LAW-665	Conflict of Laws	3(3-0)
LAW-666	Consumer Protection Laws	3(3-0)



LAW-667	Custom and Tariff Laws	3(3-0)
LAW-668	e-Commerce Law	3(3-0)
LAW-669	Election Laws	3(3-0)
LAW-670	Environmental Laws	3(3-0)
LAW-671	Gender and Law	3(3-0)
LAW-672	Insurance laws	3(3-0)
LAW-673	Intellectual Property Laws	3(3-0)
LAW-674	International Economic Law	3(3-0)
LAW-675	International Humanitarian Law	3(3-0)
LAW-676	International Institutions	3(3-0)
LAW-677	International Trade Law	3(3-0)
LAW-678	Islamic Commercial Laws	3(3-0)
LAW-679	Labour Laws	3(3-0)
LAW-680	Land Laws	3(3-0)
LAW-681	Law and Development	3(3-0)
LAW-682	Law and Energy	3(3-0)
LAW-683	Local and Special Laws	3(3-0)
LAW-684	Media Laws	3(3-0)
LAW-685	Medical and Forensic Law	3(3-0)
LAW-686	Mergers and Acquisitions	3(3-0)
LAW-687	Minor Acts	3(3-0)
LAW-688	Islamic Legal Maxims	3(3-0)
LAW-689	Public Interest Litigation	3(3-0)
LAW-690	Securities Regulation	3(3-0)
LAW-691	Shipping and Admiralty Laws	3(3-0)
LAW-692	Taxation Laws	3(3-0)
LAW-693	Telecommunication Laws	3(3-0)

LAW-706	Criminology	3(3-0)
LAW-708	Law of Evidence	3(3-0)
LAW-709	Comparative Human Rights Law	3(3-0)
LAW-710	Commercial / Business Laws	3(3-0)
LAW-711	Constitutionalism and Constitutional Law	3(3-0)
LAW-712	Comparative Environmental Law	3(3-0)
LAW-713	Comparative Study of Islamic and Western Jurisprudence	3(3-0)
LAW-714	Legal History of Pakistan and India	3(3-0)
LAW-715	International Economic Law	3(3-0)
LAW-716	Company & Corporate Law	3(3-0)
LAW-717	International Trade Law	3(3-0)
LAW-718	Islamic Laws	3(3-0)
LAW-719	Labour Laws	3(3-0)
LAW-720	Law and Politics	3(3-0)
LAW-721	Law and Society in South Asia	3(3-0)
LAW-722	Law of International Institutions	3(3-0)
LAW-723	Law of Taxation	3(3-0)
LAW-724	Shipping Law	3(3-0)
LAW-725	Western Jurisprudence and Legal Theory	3(3-0)
<b>Thesis</b>		
LAW-730	Thesis	6(0-6)

## LLM

<b>Compulsory Course</b>		
LAW-707	Legal Research Methodology and Writing	3(3-0)
<b>Optional Courses</b>		
LAW-701	Administrative Law.	3(3-0)
LAW-702	Alternate Dispute Resolution	3(3-0)
LAW-703	International Law	3(3-0)
LAW-704	Intellectual Property Laws	3(3-0)
LAW-705	Banking Laws	3(3-0)



## Department of Library & Information Science

Phone: 041-9201563



### History

Faisalabad is the third largest city of Pakistan. There was no general university in Faisalabad division since 2002. Government College University was established in 2002, and programme of Master of Library and information was approved in 2012 and admissions in MLIS were started in spring 2015, under the Distance Learning Education (DLE) Programme. Uptill now, two batches of MLIS students has completed their studies.

### Introduction

The Department of Library & Information Science, Government College University, Faisalabad offers quality education to meet the needs of an emerging information and knowledge society in Pakistan. LIS has the services of MPhil qualified and experienced faculty.

As we all know that, this is the era of knowledge explosion, now e-resources have got equal importance along with the print sources. Therefore, syllabus has not only emphasis on how to manage the physical resources (books, journals, newspapers etc.), but also consists of methods and techniques enabling the students how to use e-resources.

Keeping in view all these developments, the nature of this discipline and the profession has also been changed. Now the discipline and the profession have the capacity to meet both the environments of print and electronic media.

As in modern era information is considered oxygen to the society, the dream of a prosperous and useful society cannot be achieved without an informed society. Economy of a country cannot grow without providing updated and latest information to the masses. We are endeavoring to produce information

managers who can acquire, manage, store and disseminate information to the target audience without limitations of time and space.

### Faculty

**Mr. Sakhawat Ali**  
Lecturer / Coordinator  
MPhil

**Mr. Muhammad Tariq Latif**  
Sr. Librarian  
MPhil

**Mr. Muhammad Ashfaq**  
Sr. Librarian  
MLIS

**Ms. Anila Shamim**  
Sr. Librarian  
MLIS

### Programs Offered:

MA Library and Information Science

Coordinator: Mr. Sakhawat Ali



## MA Library and Information Science

Semester 1		
LIS-551	Foundations of Information Based Organizations	3(3-0)
LIS-553	Applied classification	3(3-0)
LIS-555	Information Services and Source	3(3-0)
LIS-557	Information Technology: Concepts and applications	3(3-0)
LIS-559	Management of Libraries and Information Centers	3(3-0)
LIS-561	Personality Development & Communication Skills	3(3-0)
Semester 2		
LIS-552	Online Information Retrieval	3(3-0)
LIS-554	Human Resource Management	3(3-0)
LIS-556	Bibliography: Theory & Practice	3(3-0)
LIS-558	Information Literacy Instruction	3(3-0)
LIS-560	Applied Cataloguing	3(3-0)
LIS-562	Collection Development and Management	3(3-0)
Semester 3		
LIS-651	Marketing of Library and Information Services	3(3-0)
LIS-653	Library Automation: Concepts and applications	3(3-0)
LIS-655	Research Methods in Library & Information Science	3(3-0)
LIS-657	Humanities, Social Sciences and Science & Technology Information sources	3(3-0)
LIS-659	Archives and records management	3(3-0)
LIS-661	Organization of Information	3(3-0)
Semester 4		
<b>Any 6 courses from the following list</b>		
* LIS-652	Practicum	0(0-0)
LIS-654	Networking and Resource Sharing	3(3-0)
LIS-656	Digital Libraries	3(3-0)
LIS-658	Information Policy	3(3-0)
LIS-660	Knowledge Management	3(3-0)
LIS-662	Financial Management of Information Organizations	3(3-0)
LIS-664	Information Seeking and Use	3(3-0)
LIS-666	Project Management	3(3-0)

LIS-668	Advanced Cataloguing and Classification	3(3-0)
LIS-670	Indexing and Abstracting	3(3-0)
LIS-672	Preservation Management in Libraries and Archives	3(3-0)
LIS-674	Electronic resources Management	3(3-0)
LIS-676	Serials Management	3(3-0)
LIS-680	Thesis	6(0-6)

\* Students who will opt thesis can select any four courses from the above mentioned list, whereas, students who opt without thesis will select any six courses. Two months internship is compulsory for all students for the award of degree. However it bears no credit hours.





## Department of Mass Communication

Phone: 041-9201415  
Email: masscom@gcuf.edu.pk



### Vision

To groom the students for career oriented approaches in the field of Media studies and prepare them to be true professionals and researchers. The department seeks to inculcate the values of truth, objectivity and impartiality among the students so that they may perform their roles as disseminators of knowledge and makers of opinion without any bias and prejudice.

### Mission

To promote healthy and positive approach towards the better understanding of information, knowledge and opinion building.

### Introduction

Communication and media studies have gained vital importance in this age of science and information technology. A nation cannot safeguard its domestic and foreign interests, and get its due status in the globe without using its communication channels effectively. Advancement in information technology has made the world a global village. So, it is the need of the hour to give special focus on mass media education. Although Mass Communication is an emerging discipline, yet, it has got paramount importance in recent times. Media is playing a vital role in promoting different ideologies both in the domestic arena and around the globe. It is a reality, that a plenty of factors influence the production and consumption of the message for effective communication. The productions of media contents have to pass through different phases. Therefore, in-depth

understanding of covert and overt pressures on the production of the media contents is indispensable for the students of Mass Communication. Public Relations, Communication Strategy, Advertising Campaign, Media Policy, Image Building and Public Opinion Formation are the basic tools of communication in media studies. The department has an excellent academic environment. All the faculty members are experienced and qualified. Students are also being benefited from the expertise of media educators and known professionals. All University facilities; transport, hostel residence, main library membership, study, excursion tours and sports facilities are available for the students.

Vision of Department of Mass Communication is to be a leader in Pakistan by providing communication excellence in visual, verbal and written competencies for the 21st century. Shortly, a print production house, a broadcasting house and TV studio will be set to impart practical skills to the working journalists and students alike. After the completion of their courses, students will be able to become professionals in public relations, advertising agencies, print and electronic media, as reporters, editors, anchors persons, radio producers, TV producers, media managers, public relation officers, publicity officers and copy writers.

A well-equipped and technical video lab has been established for practical work of the course.

### Programs Offered

1. BS Mass Communication
2. MA Mass Communication
3. MS Mass Communication

Incharge: Dr. Ashraf Iqbal



## Faculty

### Dr. Ashraf Iqbal

Incharge/Assistant Professor  
PhD (Pak)

Specialization: Theory and Research, International Communication

### Dr. Salma Umer

Assistant Professor PhD (Pak)

Specialization: Media and Conflict resolution, International Communication

### Dr. Irem Sultana

Assistant Professor  
PhD (Pak)

Specialization: Research methodology, Health communication

### Dr. Sobia Shahzad

Assistant Professor (OPS)  
PhD (Malaysia)

Specialization: New Media, Mass Communication Theories

### Dr. Imran Muslim

Assistant Professor(OPS)  
PhD (Pak)

Specialization: Political Communication

### Mr. Sarfraz Ahmad

Lecturer (On Study Leave)  
MPhil Scholar (USA)

Specialization: Theory and Research

### Mr. Rehan Tariq

Lecturer (On Study Leave)  
MPhil (PU), PhD Scholar (Malaysia)

Specialization: Political Communication, South Asian Media

### Ms. Fakhta Zeib

Lecturer (On Study Leave)  
PhD Scholar (Germany)

Specialization: International Communication, Theory and Research

### Mr. M. Majid Hamid Nasir

Lecturer  
MPhil (Pak)

Specialization: Research Methods, Public Relations

### Ms. Sana Haroon

Lecturer  
PhD Scholar (Pak)

Specialization: TV Production, Media Theories

### Ms. Noshaba Nargis

Lecturer  
MPhil (Pak).

Specialization: TV Production, Opinion Writing

### Mr. Ahmad Zuhair Khan

Lecturer  
MPhil (Pak),

Specialization: Print Media, Communication Theories

## Scheme of Studies

### BS Mass Communication

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
MCM-301	Introduction to Communication	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
POL-301	Introduction to Political Science	3(3-0)
MCM-303	News Writing & Reporting	3(3-0)
Semester 2		
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MCM-302	Mass Media in Pakistan	3(3-0)
MCM-304	Statistics Cum Mathematics	3(3-0)
MCM-306	Mass Media & Tolerance	3(3-0)
MCM-308	Sub Editing & Page Designing (T&P)	3(3-0)
Semester 3		
ENG-421	Communication Skills	3(3-0)
URD-419	Functional Urdu	3(3-0)
MCM-305	National & International Affairs	3(3-0)
MCM-307	Introduction to Public Relations	3(3-0)
MCM-309	Introduction to Broadcast & Visual Media	3(3-0)
MCM-311	Basic Concepts in Social Sciences	3(3-0)
Semester 4		

ENG-422	Technical Writing	3(3-0)
MCM-310	Contemporary World Media	3(3-0)
MCM-312	Feature, Column & Editorial Writing (T&P)	3(2-1)
MCM-314	Advertising: Theory & Practice	3(2-1)
MCM-316	Introduction to Video & Photography	3(3-0)
Semester 5		
MCM-313	Research Methods-I	3(3-0)
MCM-315	International communication	3(3-0)
MCM-317	Online Journalism	3(3-0)
MCM-319	Media Seminar	3(2-1)
MCM-321	Theories of Communication-I	3(3-0)
Semester 6		
MCM-318	Media Society & Culture	3(3-0)
MCM-320	Development Communication	3(3-0)
MCM-322	Research Methods-II	3(3-0)
MCM-324	Writing Workshop	3(3-0)
MCM-326	Theories of Communication-II	3(3-0)
Compulsory Papers		
MCM-323	Statistic for Social Sciences	3(3-0)
MCM-325	Media Psychology	3(3-0)
MCM-327	Media Ethics & Laws	3(3-0)
One group of specialization from the following		
1. Print Media		
MCM-329	Advanced Reporting	3(3-0)
MCM-331	Newspaper Production	3(3-0)
2. Broadcast Media		
MCM-333	Radio News Reporting & Production	3(3-0)
MCM-335	TV News Reporting & Production	3(3-0)
3. Advertising & Public Relations		
MCM-337	Advertising-I	3(3-0)
MCM-339	Public Relations-I	3(3-0)
4. Organizational Communication		
MCM-341	Organizations & Organizational Behavior	3(3-0)
MCM-343	Business & Marketing Communication	3(3-0)
Semester 8		
Compulsory Subjects		
MCM-328	Research Report	3(3-0)

MCM-330	Media Management & Marketing	3(3-0)
MCM-332	Specialized Journalism	3(3-0)
MCM-334	Internship	3(0-3)
<b>Specialization (one group of the specialization from the following)</b>		
<b>1. Print Media</b>		
MCM-336	Advanced Sub-editing	3(3-0)
MCM-338	Magazine & Book Production	3(3-0)
<b>2. Broadcast Media</b>		
MCM-340	Radio Program Production	3(3-0)
MCM-342	TV Program Production	3(3-0)
<b>3. Advertising &amp; PR</b>		
MCM-344	Advertising-II	3(3-0)
MCM-346	Public Relations-II	3(3-0)
<b>4. Organizational Communication</b>		
MCM-348	Business Writings (Practical Exercise)	3(3-0)
MCM-350	Managerial Communication	3(3-0)

## MA Mass Communication

<b>Semester 1</b>		
MCM-551	News Gathering Techniques (T&P)	3(3-0)
MCM-553	Introduction to Mass Communication	3(3-0)
MCM-555	Media History	3(3-0)
MCM-557	National\International Affairs and Globalization of Media	3(3-0)
ENG-559	Language and Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
<b>Semester 2</b>		
MCM-552	Basic Concepts in Social Sciences	3(3-0)
MCM-554	Sub Editing & Page Designing (T&P)	3(3-0)
MCM-556	Research Methods in Mass Communication	3(3-0)
MCM-558	Communication Theories	3(3-0)
MCM-560	Opinion Writing	3(3-0)
MCM-562	Mass Media & Tolerance	3(3-0)
<b>Semester 3</b>		
Only those students who will be able to maintain their CGPA 3.4 at the end of the 2nd semester would be eligible to opt the thesis while all other students in lieu of thesis would take any one of the following optional courses along with the Project in the 4th semester.		

MCM-559	Advertising Theory & Practice	3(3-0)
MCM-561	Public Relations Theory & Practice	3(3-0)
MCM-563	Radio Journalism	3(3-0)
MCM-565	Media Laws & Ethics	3(3-0)
MCM-567	Statistics for Social Sciences Research	3(3-0)
MCM-569	Magazine Journalism	3(3-0)
<b>Semester 4</b>		
MCM-564	TV Journalism	3(3-0)
MCM-566	Media Management & Marketing	3(3-0)
MCM-568	Development Support communication	3(3-0)
MCM-680	Thesis	6(0-6)
MCM-681	Project	3(0-3)
MCM-682	Internship	3(0-3)
<b>Optional Courses</b>		
MCM-570	Health Communication/ Advocacy Campaign	3(2-1)
MCM-572	Media Psychology	3(3-0)
MCM-574	Media Society & Culture	3(3-0)
MCM-576	Political communication	3(3-0)

## MS Mass Communication

MCM-701	Communication Theories-1	3(3-0)
MCM -702	Research Methods-1	3(3-0)
MCM -703	Pakistani Media: Issues and Challenges	3(3-0)
MCM -704	Media, Culture and Society	3(3-0)
MCM -705	Communication Theories-2	3(3-0)
MCM -706	Research Methods-2	3(3-0)
MCM -707	International Communication	3(3-0)
MCM -708	Proposal Writing	3(3-0)
<b>Mandatory Requirements for MS</b>		
STA-795	Statistics for Research	3(2-1)
MCM-728	Seminar (General)	1(0-1)
MCM-729	Seminar (Research)	1(0-1)
MCM-730	Thesis	6(0-6)





## Department of Political Science & International Relations

Phone: 041-9201211  
Email: [political.science@gcuf.edu.pk](mailto:political.science@gcuf.edu.pk)



### Vision

To committed for excellence in teaching, scholarship and mentoring. By offering a distinctive program that includes opportunities for independent research, experiential learning and off-campus study, the Department promotes scholarship in the political science discipline, civic participation and leadership.

### Mission

To promote scholarship, leadership and responsible citizenship among students at Government College University, Faisalabad. The Department provides a solid liberal arts curriculum that exposes students to the principal subfields of the discipline and develops transferable skills of liberal learning. Actively involved in research, teaching and applied scholarship, the political science faculty serves as mentors to students seeking academic challenge and civic involvement.

### Introduction

Great emphasis is being laid on Political Science as an academic discipline since 20th century. In the wake of globalization, free-trade and increasing influence of supra-state institutions world over, Political Science has gained all the attributes of dominating the world-scene in the 21st Century. The Department of Political Science & International Relations deals in the area of study which encompasses the global as well as domestic affairs. It examines some of the critical issues of modern times, including the changing nature of international cooperation and conflict,

the new character of warfare, the impact of globalization upon states and societies and the persistence of world problems such as poverty, migration and drug trafficking. The roles of state and non-state actors in shaping world politics in the new millennium are central to the study of Political Science, as is an understanding of how different visions of world order affect the prospects for peace and security. In the era of globalization and regionalism, national survival is now premised on international orientation for which the nations strive not only to equip themselves with modern technologies in all fields but also with competencies in the management of trans-national relations. To achieve this objective and to build future national leaders who are capable of playing effective roles in government, political institutions and international organizations the Department has designed broad based Programs in Political Science & International Relations. The main objective is to provide the students with an education that develops an understanding of the national and international community socio-political and economic spheres. The department of Political Science and International Relations has successfully launched the programmes of PhD in Political Science, M.Phil. in Political Science, M.Phil. in International Relations, BS Political Science, BS in Politics and Parliamentary Studies and BS International Relations. In the near future, the department aims at introducing PhD in International Relations.

### Programs Offered

1. BS Political Science
2. BS Politics & Parliamentary Studies
3. BS International Relations
4. MA Political Science
5. MA International Relations
6. MPhil Political Science
7. MPhil International Relations
8. PhD Political Science

**Chairman: Dr. Ali Shan Shah**

## Faculty

### Dr. Ali Shan Shah

Assistant Professor/Incharge  
PhD (Pakistan)

Specialization: Interest Groups, Pressure Groups, Local Self-Government, International Law

### Dr. Ghulam Mustafa

Assistant Professor  
(HEC Approved Supervisor)  
PhD (South Korea)

Specialization: Inter-Korean Relations, Pak-Bangladesh Relations,  
Conflict and Peace Studies

### Dr. Mian Muhammad Azhar

Assistant Professor (TTS)  
(HEC Approved Supervisor)  
PhD (Pakistan)

Specialization: Electoral Politics, Voting Behaviour, Dynamics of Politics in Pakistan

### Dr. Abdul Basit Khan

Assistant Professor  
PhD (Pakistan)

Specialization: Conflict Issues, Ethnicity

### Miss. Raheela Asfa Cheema

Lecturer  
MPhil (Pakistan)

Specialization: International Relations, Security Studies

### Mr. Adnan Nawaz

Lecturer (Study Leave)  
MPhil (Pakistan)

Specialization: Globalization, Foreign Policy, Security Studies

### Mr. Imran Wakil

Lecturer  
MPhil (Pakistan)

Specialization: International Law, Sovereignty, State & Politics

### Mr. Bilal Bin Liaqat

Lecturer  
MPhil (Pakistan)

Specialization: International Relations, Pak-China Relations, Foreign Policy,  
International Security, International Organizations

### Miss. Sadia Naz

Lecturer  
MPhil (Pakistan)

Specialization: Political System, Western Political Thoughts

### Mr. Anwar Ali

Lecturer  
MPhil (Pakistan),

Specialization: Energy Security, Energy Politics, Middle East Politics

## Scheme of Studies

### BS Political Science

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics for Non-Muslims	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
BOT-616	Everyday Science	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
GEO-321	Introduction to Geography	3(3-0)
Semester 2		
ENG-322	English Comprehension & Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
POL-302	Principles of Political Science	3(3-0)
HIS-305	Introduction to World Civilization	3(3-0)
PPS-301	Introduction to Parliamentary Studies	3(3-0)
POL-310	Political Tolerance	3(3-0)
Semester 3		
ENG-421	Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
POL-401	Political Systems (Developed)	3(3-0)
ECO-301	Principles of Micro-Economics	3(3-0)
MCM-301	Introduction to Mass Communication	3(3-0)
MTH-321	Mathematics-I (Algebra and Trigonometry)	3(3-0)
Semester 4		
ENG-422	Technical Writing	3(3-0)
POL-402	Political Systems (Developing)	3(3-0)
POL-404	Pakistan Movement	3(3-0)

POL-406	Introduction to International Relations	3(3-0)
IRS-504	Strategic Studies	3(3-0)
Semester 5		
POL-501	Western Political Philosophy-I	3(3-0)
POL-503	Muslim Political Philosophy-I	3(3-0)
POL-505	Comparative and Developmental Politics-I	3(3-0)
POL-509	Public Administration	3(3-0)
POL-511	Diplomacy	3(3-0)
POL-513	Contemporary Politics of Central Asia	3(3-0)
Semester 6		
POL-502	Western Political Philosophy-II	3(3-0)
POL-504	Muslim Political Philosophy-II	3(3-0)
POL-506	Comparative and Developmental Politics-II	3(3-0)
POL-508	History of International Relations	3(3-0)
POL-510	Introduction to Local Government	3(3-0)
POL-512	Constitutional Development and Pakistan's Politics	3(3-0)
Semester 7		
POL-601	Research Methodology	3(3-0)
POL-603	Foreign Policy Analysis	3(3-0)
POL-605	Public International Law-I	3(3-0)
POL-611	Ideology and Dynamics of Pakistan's Politics	3(3-0)
POL-613	Politics of Federation in Pakistan	3(3-0)
POL-615	Conflict and Peace Studies	3(3-0)
Semester 8		
POL-602	Public International Law-II	3(3-0)
POL-604	International Organizations	3(3-0)
POL-606	Political Economy of Pakistan	3(3-0)
POL-612	Foreign Policy of Pakistan	3(3-0)
POL-631	Research Report	3(0-3)

## BS Politics & Parliamentary Studies

Semester 1		
ENG-321	Functional English	3(3-0)
PPS-301	Introduction to Parliamentary Studies	3(3-0)
POL-301	Introduction to Political Science	3(3-0)
MTH-321	Mathematics-I (Algebra and Trigonometry)	3(3-0)



ISL-321	Islamic Studies OR	2(2-0)
ISL-322	Ethics for Non-Muslims	2(2-0)
COM-301	Principles of Accounting	3(3-0)
<b>Semester 2</b>		
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PPS-302	Role of Legislature in Non-Democratic Regimes	3(3-0)
PPS-304	Principles of Management and Leadership	3(3-0)
PPS-306	Constitutional Development in Pakistan	3(3-0)
PPS-308	Budget Security at the Parliament	3(3-0)
<b>Semester 3</b>		
ENG-421	Communication Skills	3(3-0)
PPS-401	The Pakistan State Federalism and State Institutions	3(3-0)
PPS-403	Evolution of Parliamentary Democracy	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
PPS-405	Parliamentary Authority and Functions	3(3-0)
ECO-301	Principles of Micro-Economics	3(3-0)
<b>Semester 4</b>		
ENG-422	Technical Writing	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
PPS-402	Parliamentary Ethics and Values	3(3-0)
PPS-404	Principles of Parliamentary Research	3(3-0)
PPS-406	Introduction to Legislative Process	3(3-0)
PPS-408	Introduction to Western Thought	3(3-0)
<b>Semester 5</b>		
PPS-501	Research Methods and Skills	3(3-0)
PPS-503	Comparative Politics: Political Systems of different countries: UK, USA, France, Russia, India, Malaysia, China, Iran and Turkey	3(3-0)
PPS-505	Muslim Political Thought	3(3-0)
PPS-507	Parliamentary History of Pakistan: Pakistan Movement and Democratic Ideals of Pakistan	3(3-0)
PPS-509	Structure and Functions of Parliament	3(3-0)
PPS-511	International Parliamentary Organizations	3(3-0)
<b>Semester 6</b>		
PPS-502	Local Government in Pakistan	3(3-0)
PPS-504	Civil and Military Bureaucracy in Pakistan	3(3-0)

PPS-506	Political Parties and Elections in Pakistan	3(3-0)
PPS-508	International and Regional Organizations	3(3-0)
PPS-510	International Relations Since 1945	3(3-0)
PPS-512	Contemporary International Relations	3(3-0)
<b>Semester 7</b>		
PPS-601	Comparative Ideologies	3(3-0)
PPS-603	Federalism and Regionalism	3(3-0)
PPS-605	Foreign Policy of Pakistan	3(3-0)
PPS-607	Parliamentary Committees	3(3-0)
PPS-609	Theories and Principles of Legislative Drafting	3(3-0)
PPS-611	Legislation for Social Change	3(3-0)
<b>Semester 8</b>		
PPS-602	Negotiation Skills and Conflict Management	3(3-0)
PPS-604	Advanced Legislative Drafting	3(3-0)
PPS-606	Provincial and Legislative Assemblies	3(3-0)
PPS-608	Comparative Parliamentary Models: UK, India, German Bundestag, Turkey and Pakistan	3(3-0)
PPS-610	Role of Women Parliamentarians in Pakistan: 1947 to date	3(3-0)
PPS-612	Public Policy and Role of Legislators	3(3-0)

## BS International Relations

<b>Semester 1</b>		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies OR	2(2-0)
ISL-322	Ethics for Non-Muslims	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
IRS-301	Introduction to International Relations	3(3-0)
BOT-616	Everyday Science	3(3-0)
<b>Semester 2</b>		
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
STA-301	Introduction to Statistics	4(3-1)
IRS-302	Evolution of State	3(3-0)
MCM-301	Introduction to Mass Communication	3(3-0)
GEO-321	Introduction to Geography	3(3-0)

<b>Semester 3</b>		
ENG-421	Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
IRS-303	Approaches And Theories of International Relations	3(3-0)
MTH-321	Mathematics-I (Algebra and Trigonometry)	3(3-0)
POL-615	Conflict and Peace Studies	3(3-0)
IRS-305	International Relations: 1648-1945	3(3-0)
<b>Semester 4</b>		
ENG-422	Technical Writing	3(3-0)
IRS-402	Globalization and International Relations	3(3-0)
POL-314	Constitutional Development in Pakistan	3(3-0)
IRS-404	International Relations since 1945	3(3-0)
IRS-406	Geo-Political Structure of the World	3(3-0)
IRS-408	Public International Law-I	3(3-0)
<b>Semester 5</b>		
IRS-501	Foreign Policy Analysis	3(3-0)
IRS-503	Central Asia and Caucasus	3(3-0)
IRS-505	Regional and International Organizations	3(3-0)
IRS-507	Public International Law-II	3(3-0)
IRS-509	International Political Economy	3(3-0)
<b>Semester 6</b>		
IRS-502	Foreign Policy of Pakistan	3(3-0)
IRS-504	Strategic Studies	3(3-0)
IRS-506	International Politics of Human Rights	3(3-0)
IRS-508	Diplomacy	3(3-0)
IRS-510	Conflict Management And Resolution	3(3-0)
IRS-512	Comparative Politics	3(3-0)
<b>Semester 7</b>		
IRS-601	Comparative Foreign Policies of US, Russia and China	3(3-0)
IRS-603	Regional Connectivity and CPEC	3(3-0)
IRS-605	Research Methodology	3(3-0)
IRS-607	Contemporary Political Ideologies	3(3-0)
IRS-609	International Politics of Environment	3(3-0)
IRS-611	Arms Control, Disarmament and Nuclear Non-Proliferation	3(3-0)
<b>Semester 8</b>		

IRS-604	Dynamics of Kashmir Conflict	3(3-0)
IRS-606	Terrorism and Counter-Terrorism	3(3-0)
IRS-608	Middle East and North Africa (MENA)	3(3-0)
POL-610	Government and Politics of Pakistan	3(3-0)
IRS-631	Research Report	3(0-3)

## MA Political Science

Semester 1		
POL-551	Ideology and Dynamics of Politics in Pakistan	3(3-0)
POL-553	Western Political Thought - I	3(3-0)
POL-555	Theory Comparative and Developmental Politics –I	3(3-0)
POL 557	Introduction to International Relations	3(3-0)
POL-561	Political Parties & Pressure Groups	3(3-0)
Semester 2		
POL-552	Western Political thought-II	3(3-0)
POL-554	Muslim Political Thought	3(3-0)
POL-556	Theory Comparative and Developmental Politics –I	3(3-0)
POL-562	Conflict & Peace Studies	3(3-0)
POL 558	Research Methodology	3(3-0)
Semester 3		
POL-651	Political System of USA and UK	3(3-0)
POL-653	The Muslim World: Dynamics and Issues	3(3-0)
POL-655	Foreign Policy of Major Powers	3(3-0)
POL-657	Political Economy	3(3-0)
Optional Subjects		
POL-659	International Law	3(3-0)
POL-661	Public Administration	3(3-0)
Semester 4		
POL-652	Political Sociology	3(3-0)
POL-654	International Organization	3(3-0)
Optional Subjects (Any Four of the Following)		
POL 658	Local Self Government	3(3-0)
POL 660	Defence and Strategic Studies	3(3-0)
POL 662	Central Asia and its Politics	3(3-0)
POL 664	South Asian Political system	3(3-0)
POL 680	Research Thesis (Optional)	6(0-6)

## MA International Relations

Semester 1		
IRS -551	Introduction and Issues of International Relations-I	4(4-0)
IRS-553	International Relations Since 1945-I	3(3-0)
IRS -555	Theories of International Relations	4(4-0)
IRS -557	Foreign Policy Analysis	4(4-0)
IRS -559	International law	3(3-0)
Semester 2		
IRS-552	International Regional Organizations	3(3-0)
IRS-554	Foreign Policy of Pakistan	4(4-0)
IRS-556	International Political Economy	4(4-0)
IRS-558	Introduction and Issues of International Relations-II	4(4-0)
IRS-560	International Relations Since 1945-II	3(3-0)
Semester 3		
IRS- 651	Research Methodology (Compulsory)	3(3-0)
IRS-653	Conflict Management and Resolution (Compulsory)	3(3-0)
IRS-655	Theory and Practice of Diplomacy (Compulsory)	3(3-0)
IRS-657	Foreign Policy of Neighbouring Countries (China, India, Afghanistan & Iran) (Optional)	3(3-0)
IRS-659	Defence and Strategic Studies (Optional)	3(3-0)
IRS-661	Terrorism and Counter Terrorism (Optional)	3(3-0)
IRS-677	Seminar Course on Contemporary Issues (Optional)	3(3-0)
Semester 4		
IRS-652	Nuclear Proliferation (Compulsory)	3(3-0)
IRS-654	Foreign Policy of Major Powers (U.S.A, China, Russia) (Compulsory)	3(3-0)
IRS-656	Strategic Dynamics of Central Asia (Optional)	3(3-0)
IRS-658	Contemporary Issues of Middle East (Optional)	3(3-0)
IRS-660	Political Geography (Optional)	3(3-0)
IRS-678	Seminar Course New Paradigm in International Security(Optional)	3(3-0)
IRS-679	Seminar Course War & Conduct of War (Optional)	3(3-0)
IRS-680	Research Project / Thesis (Optional)	6(0-6)

## M.Phil International Relations

Semester 1		
IRS-701	International Relations Advanced Theory and Practice (Compulsory)	3(3-0)
IRS-702	Advanced Research Methodology (Compulsory)	3(3-0)
IRS-703	Traditional and Non-traditional Security Paradigms (Compulsory)	3(3-0)
IRS-704	An Analysis of Pakistan's Foreign Policy (Optional)	3(3-0)
Semester 2		
IRS-705	International Organizations(Optional)	3(3-0)
IRS-706	Politics of South Asia (Optional)	3(3-0)
IRS-707	International Security, Arms Control and Nuclear Non-Proliferation(Optional)	3(3-0)
IRS-708	Major Issues of Muslim World(Optional)	3(3-0)
Optional Courses		
IRS-709	International Law and Use of Force	3(3-0)
IRS-710	Global Political Economy	3(3-0)
IRS-711	Ethnic Conflict in Global Perspective	3(3-0)
IRS-712	Politics of Middle East	3(3-0)
IRS-714	Contemporary Trends in International Law	3(3-0)
IRS-715	Comparative Analyses of Foreign Policy of Major Powers (any two)	3(3-0)
IRS-716	Foreign Policy Analysis	3(3-0)
IRS-717	Role of International Financial Institutions in International Relations	3(3-0)
IRS-718	Politics and Security of Asia-Pacific Region	3(3-0)
IRS-719	National Security Issues in Contemporary Pakistan	3(3-0)
IRS-720	Contemporary Environmental Issues	3(3-0)
IRS-721	Conflict and Cooperation in South Asia	3(3-0)
IRS-722	Peace Building in Post-conflict Societies	3(3-0)
IRS-723	Power Sharing in Multiethnic States	3(3-0)
IRS-724	Chemical, Biological, Nuclear, and Radiological Terrorism	3(3-0)
IRS-725	Maritime Security in the Indian Ocean	3(3-0)
IRS-726	Kinetic and Non-Kinetic Warfare	3(3-0)
IRS-732	Central Asian and Caucasus Regions	3(3-0)
IRS-733	Contemporary Political Theories	3(3-0)
IRS-734	Politics of Human Rights	3(3-0)

Mandatory Requirements		
STA-795	Statistics for Research	3(2-1)
IRS-730	Thesis	6(0-6)

## M.Phil Political Science

Semester 1		
POL-701	Research Methodology (Compulsory)	3(3-0)
POL-703	Comparative Politics (Compulsory)	3(3-0)
POL-705	Ideology and Dynamics of Pakistan Politics (Optional)	3(3-0)
POL-707	Politics of Federalism in Pakistan (Optional)	3(3-0)
Semester 2		
POL-702	Foreign Policy of USA and China (Optional)	3(3-0)
POL-704	Major Issues in the Muslim World (Optional)	3(3-0)
POL-706	Political Parties and Pressure Groups (Optional)	3(3-0)
POL-708	Political Ideologies (Optional)	3(3-0)
Mandatory Requirements		
STA-795	Statistics for Research	3(2-1)
POL-730	Thesis	6(0-6)
Optional Courses		
POL-715	Western Political Philosophy	3(3-0)
POL-716	Theories of International Relations	3(3-0)
POL-717	Advanced Political Theories	3(3-0)
POL-718	Public Policy Analysis	3(3-0)
POL-719	Social Change and Political Development	3(3-0)
POL-720	Muslim Political Philosophy	3(3-0)
POL-721	Muslim Political Institutions	3(3-0)
POL-722	Pre-partition Political Actors, Issues and Legislation	3(3-0)
POL-723	Local Government: Theory and Practice	3(3-0)
POL-724	Local Governance in Pakistan	3(3-0)
POL-725	Politics of Ethnicity and Nationalism	3(3-0)
POL-726	Politics of Inclusion and Exclusion	3(3-0)
POL-732	Gender and Politics	3(3-0)
POL-733	Public Administration	3(3-0)
POL-734	Constitutional Development in Pakistan	3(3-0)
POL-735	Electoral Politics	3(3-0)
POL-736	Democracy and Governance	3(3-0)

POL-737	Area/Regional Studies (any one region)	3(3-0)
POL-738	Politics & Parliamentary Studies	3(3-0)
POL-739	Foreign Policy of Pakistan	3(3-0)
POL-740	Defence and Strategic Studies	3(3-0)
POL-741	Human Rights	3(3-0)
POL-742	Globalization	3(3-0)
POL-743	Political Psychology	3(3-0)
POL-744	Political Geography	3(3-0)
POL-745	Political Sociology	3(3-0)
POL-746	Media and Politics	3(3-0)
POL-747	Conflict Management and Resolution	3(3-0)
POL-748	Foreign Policy Analysis	3(3-0)
POL-749	Political Economy	3(3-0)



## PhD Political Science

Semester 1		
POL-709	Pakistan's Foreign Policy (Compulsory)	3(3-0)
POL-711	Domestic Politics of Pakistan (Compulsory)	3(3-0)
POL-713	Democracy & Authoritarianism in South Asia (Optional)	3(3-0)
Semester 2		
POL-710	Issues in Global Politics (Optional)	3(3-0)
POL-712	Thinkers of Political Science (Optional)	3(3-0)
POL-714	Research Methods in Political Science(Compulsory)	3(3-0)
Other Mandatory Requirements for PhD Political Science		
STA-795	Statistics for Research	3(2-1)
POL-760	Thesis	6(0-6)
Optional Courses		
POL-750	Theories and Dimension of Strategy	3(3-0)
POL-751	Developmental Politics	3(3-0)
POL-752	Issues in South Asian Region	3(3-0)
POL-753	Issues in Central Asian Region	3(3-0)
POL-754	New Paradigm in International Security	3(3-0)
POL-755	Foreign Policies of neighboring states	3(3-0)
POL-763	Nuclear Proliferation	3(3-0)
POL-764	Conflict Resolution	3(3-0)
POL-765	Theories of International Relations	3(3-0)



## Department of Sociology

Phone: 041-9201412  
Email: sociology@gcuf.edu.pk  
farooqkharal@gcuf.edu.pk



### Programs Offered

1. BS Sociology
2. MSc Sociology
3. MA Social Work
4. MSc Criminology
5. MPhil Sociology
6. PhD Sociology
7. Post Graduate Diploma

Chairperson: Dr. Muhammad Farooq



### Mission

Sociology is systematic study human behavior in a society. Moreover, sociological knowledge provides social and cultural guide line to the students in their practical life. This is being achieved by imparting knowledge and skills to young sociologists-social engineers and social workers. Moreover, efforts are made to discover the broad pattern of interaction of social life that influences the social behavior. This is further strengthened by carrying out research on socio-economic, cultural, social, demographic, environmental and political problems of Pakistani Society.

### Introduction

Sociological knowledge is applicable in every field, in every day personal interactional situation and in all aspects of life. Sociology is the scientific study of the human relationships and their consequences. It is the study of collective human behavior and social forces. It is committed to provide research skills to students that can be integrated usefully with relevant practical experience. Sociologist seeks to discover the broad patterns of interaction of social life that influences social behaviors. We provide students with a coherent introduction to core themes and issues of the discipline in a stimulating environment. Moreover, we offer graduate and post graduate level education in social sciences with a strong emphasis on communicative process and technologies within institutional settings, drawing on the active research interest of faculty and students. We also offer education in social sciences within an interdisciplinary context which highlights the continuities and differences among a number of scientifically social prospective. Training in a range

of methodologies and research skills appropriate to these disciplines provides rigorous foundation for this distinctive feature. In addition, internship opportunity with international and national organizations working in the field of social development is provided to the students in order to blend the academic knowledge with practical skills.

This department was established in 2005 at Government College University Faisalabad. The faculty of the Department includes highly qualified and experienced teachers who have a track record of academic and research experience and relevant field experience in national or international organizations. In addition, short certificate courses on different social development aspects like Poverty Alleviation, Gender and Development, Human Development and Sociology, Communication and Presentation Skills, Community Management Skills, Urban Transportation Management, Urban Renewal, Participatory Relax/Rapid Approach (PAR), Project Planning and Logical Framework, Population Studies, and Social Problems of Pakistan etc. are being planned to be launched very soon.

### Faculty

#### Prof. Dr. Zahira Batool

Professor / Warden HC-II  
PhD (UAF), Post Doc (UC-Australia)  
HEC Approved PhD Supervisor

#### Dr. Muhammad Farooq

Associate Professor / Chairperson  
PhD (UAF)

**Dr. Babak Mahmood**

Associate Professor/Director QEC  
PhD (UAF)

**Dr. Muhammad Shabbir Ch.**

Assistant Professor  
PhD (UOP)  
HEC Approved PhD Supervisor

**Dr. Nazia Malik**

Assistant Professor  
PhD (UAF)

**Dr. Ayesha Ch.**

Assistant Professor  
PhD (UAF)

**Dr. Sadaf Mahmood**

Assistant Professor  
PhD (Germany)  
HEC Approved PhD Supervisor

**Mr. Sajid Mehmood Sajid**

Lecturer,  
MPhil (PU, Lahore)

**Ms. Saira Siddiqui**

Lecturer,  
MPhil (PU, Lahore)

**Ms. Sana Ejaz**

Lecturer, MPhil (PU, Lahore)  
PhD (Result waiting, GCUF)

**Mr. Basharat Ali**

Lecturer  
MPhil (UAF)

Ms. Paris ZakaUllah

Lecturer (Contract), MPhil (Riphah)  
Ms. Ammara Asghar  
Lecturer (Contract), MPhil (Riphah)

**Ms. Yasmeen Akhtar**

Lecturer  
MPhil (AAUR)

**Mr. Muhammad Atif**

Research Officer

MPhil (UOS)

**Mr. Muhammad Idrees**

Teaching Assistant  
MPhil (GCUF)

**Ms. Fozia Mumtaz**

Teaching Assistant  
MSc (UAF)

## Scheme of Studies BS Sociology

Semester 1		
ENG-321	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-321	Algebra & Trigonometry	3(3-0)
SOC-301	Introduction to Psychology	3(3-0)
SOC-305	Social Work	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
Semester 2		
ENG-322	English Comprehension and Composition	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim)	2(2-0)
STA-321	Introduction to Statistical Theory	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
SOC-302	Social Tolerance	3(3-0)
SOC-308	Social Thought	3(3-0)
Semester 3		
ENG-421	Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
SOC-403	Introduction to Industrial Sociology	3(3-0)
SOC-405	Organizational Behavior and HRD	3(3-0)
SOC-407	Community Development	3(3-0)
Semester 4		
ENG-422	Technical Writing	3(3-0)
POL-406	Introduction to International Relations	3(3-0)
SOC-404	Rural Sociology	3(3-0)
SOC-406	Pakistani Society & Culture	3(3-0)
SOC-408	Gender Studies	3(3-0)

Semester 5		
SOC-501	Principles of Sociology	3(3-0)
SOC-503	Research Methodology	4(3-1)
SOC-505	Sociology of Education	3(3-0)
SOC-507	Comparative Social Institutions	3(3-0)
SOC-509	Classical Sociological Theories	3(3-0)
SOC-511	Criminology	3(3-0)
Semester 6		
SOC-502	Research Design & Socio-metry	3(3-0)
SOC-504	Anthropology	3(3-0)
SOC-506	Population Studies	4(3-1)
SOC-508	Contemporary Sociological Theories	3(3-0)
SOC-510	Urban Sociology	3(3-0)
Semester 7		
ENG-611	English for Employment	3(3-0)
SOC-603	Sociology of Health & Medicine	3(3-0)
SOC-605	Project Planning & Management	4(3-1)
SOC-607	Sociology of Development	3(3-0)
	Elective-I	
	Elective-II	
Semester 8		
SOC-602	Social Change & Transformation	3(3-0)
SOC-604	Sociology of Religion	3(3-0)
SOC-606	Sociology of Globalization	3(3-0)
	Elective-III	
	Elective-IV	
SOC-631	Project OR	3(0-3)
SOC-632	Internship	3(0-3)



## MSc Sociology

Semester 1		
SOC-501	Principles of Sociology	3(3-0)
SOC-503	Research Methodology	4(3-1)
SOC-505	Sociology of Education	3(3-0)
SOC-507	Comparative Social Institutions	3(3-0)
SOC-509	Classical Sociological Theories	3(3-0)
SOC-511	Criminology	3(3-0)
Semester 2		
SOC-502	Research Design & Socio-metry	3(3-0)
SOC-504	Anthropology	3(3-0)
SOC-506	Population Studies	4(3-1)
SOC-508	Contemporary Sociological Theories	3(3-0)
SOC-510	Urban Sociology	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
Semester 3		
ENG-611	English for Employment	3(3-0)
SOC-603	Sociology of Health & Medicine	3(3-0)
SOC-605	Project Planning & Management	4(3-1)
SOC-607	Sociology of Development	3(3-0)
	Elective-I	
	Elective-II	
Semester 4		
SOC-602	Social Change & Transformation	3(3-0)
SOC-604	Sociology of Religion	3(3-0)
SOC-606	Sociology of Globalization	3(3-0)
	Elective-III	
	Elective-IV	
SOC-631	Project OR	3(0-3)
SOC-632	Internship	3(0-3)

## Optional Subject of BS and MSc

SOC-608	Clinical Sociology	3(3-0)
SOC-609	Impact Assessment	3(3-0)
SOC-610	Governance in Social Policy	3(3-0)
SOC-611	Conflict and Alternative Dispute Resolution	3(3-0)
SOC-612	Corporate Social Responsibilities	3(3-0)

SOC-613	Electronic Media and Virtual Society	3(3-0)
SOC-614	Sociology of Law and Human Rights	3(3-0)
SOC-615	Islamic Sociology	3(3-0)
SOC-616	Rural Development	3(3-0)
SOC-661	Social Problems of Pakistan	3(3-0)
SOC-665	Sociology of Human Rights	3(3-0)
SOC-671	Gerontology	3(3-0)

## MA Social Work

Semester 1		
SOW-551	Social Case Work	3(2-1)
SOW-553	Social Group work	3 (3-0)
SOW-555	Community Development and Organization	3 (3-0)
SOW-557	Social Research Methods	3 (3-0)
SOW-559	History and Philosophy of Social Work	2 (2-0)
SOW-571	Social Problems of Pakistan	3 (3-0)
SOW-573	Human Growth and Behavior	3 (3-0)
Semester 2		
SOW-552	Sociology of Culture and Social Institutions	3 (3-0)
STA-321	Introduction to Statistical Theory	3 (3-0)
CSI-321	Introduction to Computing Applications	3 (2-1)
SOW-554	Gender and Development	3 (3-0)
SOW-556	Field work-I	1 (0-1)
SOW-558	Social Policy, Planning and Welfare Administration	3 (3-0)
SOW-560	Population Planning	2 (2-0)
Semester 3		
SOW-651	Social Legislation	3 (3-0)
SOW-653	NGO Management and Leadership	3 (3-0)
SOW-655	Human Rights	3 (3-0)
SOW-657	Social Development	3 (3-0)
SOW-659	Social Action	3 (3-0)
SOW-661	Medical and Psychiatric Social Work	2 (2-0)
Semester 4		
SOW-652	Juvenile Delinquency	2 (2-0)
SOW-654	Poverty Reduction	2 (2-0)
SOW-656	Social Gerontology	3 (3-0)
SOW-658	Social Defense and Correlation Services	3 (3-0)

SOW-660	Child Protection	3 (3-0)
SOW-662	Social Rehabilitation	3 (3-0)
SOW-664	Field work-II	1 (0-1)

## MSc Criminology

Semester 1		
CRM-551	Introduction to Criminology	3(3-0)
CRM-553	Methods of Social Research	4(3-1)
CSI-321	Introduction to Computing Applications	3(2-1)
CRM-555	Theoretical Perspectives on Crime and Criminal Behavior	3(3-0)
CRM-557	Social Psychology	3(3-0)
ENG-421	Communication skills	3(3-0)
Semester 2		
CRM-552	Criminal Investigation and Methods of Assessment	3(2-1)
CRM-554	Drug Abuse and Related Crimes	3(3-0)
CRM-556	Islamic Perspective on Crime and Punishment	3(3-0)
CRM-558	Correctional Institutions and Policing	3(3-0)
CRM-560	Forensic Science and Cyber Crime	3(2-1)
CRM-562	Terrorism and Gender Violence	3(3-0)
Semester 3		
CRM-651	Criminality and Criminal Justice system	3(3-0)
CRM-653	Community justice and crime prevention in Pakistan	3(3-0)
CRM-655	Psychological Interventions for Criminal Behaviour	3(3-0)
CRM-657	Demographic Hazards	3(3-0)
CRM-659	Juvenile Delinquency	3(3-0)
CRM-661	Organizational and Human Resource Management	3(3-0)
Semester 4		
CRM-652	Sociology of Human rights	3(3-0)
CRM-656	Organized Crime and Money Laundering	3(3-0)
CRM-631	Project OR	2(0-2)
CRM-632	Internship	2(0-2)
CRM-680	Thesis OR two optional subjects from the list below	6(0-6)

Optional Subjects		
CRM-654	Penology	3(3-0)
CRM-662	Crime and security	3(3-0)
CRM-664	Crime and mental health issues	3(3-0)
CRM-666	Procedures of evidence in criminal law	3(3-0)
CRM-668	Sentencing-as a post-conviction	3(3-0)

SOC-729	Seminar (Research)	1(0-1)
SOC-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
SOC-758	Seminar (General)	1(0-1)
SOC-759	Seminar (Research)	1(0-1)
SOC-760	Thesis	---

## MPhil / PhD Sociology

Core Courses for MPhil		
SOC-702	Contemporary Sociological Theory	3(3-0)
SOC-703	Gender and Development	4(3-1)
SOC-704	Population Dynamics	3(3-0)
SOC-705	Criminology	4(3-1)
SOC-709	Research Methods in Social Sciences	4(3-1)
Core Courses for PhD		
SOC-701	Advance Research Methods and Design	4(3-1)
SOC-713	Sociological Theory	3(3-0)
SOC-715	Techniques of Population Analysis	4(3-1)
SOC-720	Sociology of Health	3(3-0)
SOC-722	Criminology and Criminal Justice	3(3-0)
SOC-723	Sociology of Human Development	3(3-0)
Optional Courses for MPhil & PhD		
SOC-706	Rural Social Organization	3(3-0)
SOC-707	Community Organization and Development	3(3-0)
SOC-708	Population Issues and Problems	3(3-0)
SOC-710	Qualitative Research Methods and Techniques	4(3-1)
SOC-711	Advance Research Methodology	3(3-0)
SOC-712	Social Paradigms	3(3-0)
SOC-716	Sociology of Development	3(3-0)
SOC-717	Social Change	3(3-0)
SOC-718	Human Resource Development	3(3-0)
SOC-719	Gender Studies	3(3-0)
SOC-714	Contemporary Social Problems of Pakistan	3(3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
SOC-728	Seminar (General)	1(0-1)





# Faculty of Engineering & Technology

1. Department of Chemical Engineering Technology
2. Department of Civil Engineering Technology
3. Department of Electrical Engineering
4. Department of Electrical Engineering Technology
5. Department of Environmental Sciences & Engineering
6. Department of Mechanical Engineering Technology



## Prof. Dr. Muhammad Kaleem Khosa Incharge Officer

Ph: 041-9203015

Email: mkaleemkhosa@gcuf.edu.pk

Prof. Dr. Muhammad Kaleem Khosa has taken up the charge of Faculty of Engineering and Technology as an Incharge Officer on 24-10-2019 in addition to member of several important administrative forums of the university. Prof. Khosa has completed his PhD from the Quid-e-Azam University Islamabad and later joined Government College University Faisalabad in January 2006. After that he went to University of Cambridge (UK) as a Postdoctoral Research Fellow where he stayed till December 2007. He is an HEC approved supervisor for research work and has supervised M. Phil and PhD theses. He has successfully completed NRP research project awarded by HEC. Apart from his research theses at various levels, more than 90 research papers have been published in national as well as international journals. He has presented some of valuable research articles in national and international conferences and an author of many book chapters published internationally. Under the leadership of Dr Khosa, the faculty has seen huge progress.

## Department of Chemical Engineering Technology

Phone : 041-9203027

Email: cet@gcuf.edu.pk



### Vision

To become a premier hub of Chemical Engineering Technology and being recognized for diverse and high-quality technical education.

### Mission

To produce skillful chemical engineering technologists to employ technical knowledge and practical skills to solve industrial problems with professional ethics.

### Introduction

Pakistan is a land of opportunities. Recently, as a result of CPEC project, Pakistan has gained a vital Geo-strategic location in the region. This impact will increase the demand of technical professionals in the field of Chemical Engineering Technology in the near future.

The department of Chemical Engineering Technology at GCUF started its journey in 2016 and is the first government sector unit in Faisalabad, which initiate the degree course in B.Sc. Chemical Engineering Technology under the umbrella of National Technology Council (NTC).

### Faculty

#### Dr. Muhammad Ammar

Assistant Professor  
Ph.D. Chemical Engineering (UCAS, China)

#### Engr. Muddasar Safdar

Lecturer  
M.Sc. Chemical and Energy Engineering (OvGU Magdeburg, Germany)

#### Engr. Bilal Akbar

Lecturer  
M.Sc. Chemical Engineering (PU, Pakistan)

#### Engr. Sana Jamal

Lecturer  
M.Sc. Chemical Engineering (PU, Pakistan)

#### Engr. Baber Saeed

Lecturer  
M.Sc. Petroleum Engineering (TU Clusthal, Germany)

#### Engr. Maria Jafer Khan

Lecturer  
M.Sc. Chemical Engineering (UET Lahore, Pakistan)

#### Engr. Syed Ejaz Haider

Lecturer  
M.Sc. Chemical and Energy Engineering (OvGU Magdeburg, Germany)

### Programs Offered

B.Sc. Chemical Engineering Technology

Incharge: Dr. Muhammad Ammar

**Engr. Muhammad Ali Jamal**

Research Officer

M.Sc. Chemical Engineering and Technology (BUCT, China)

**Program Educational Objectives (PEOs)**

Few years after graduation, students are expected to:

**PEO-01:** Establish a basic understanding of core domains of chemical engineering technology to resolve problems of industry, environment, and society by applying technical knowledge and skills.

**PEO-02:** Take the initiative in developing innovative ideas for the technological and professional growth of the process industry.

**PEO-03:** Perform effectively as an individual or part of a team with leadership skills while adhering to professional ethics and social values for the sustainable growth of society.

**Scheme of Studies for  
BSc Chemical Engineering Technology**

Semester 1		
ACH-321	Applied Chemistry	3(2-1)
PST-321	Pakistan Studies	2(2-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)
PHY-321	Fundamentals of Mechanics	3(2-1)
MET-301	Technical Drawing	3(2-1)
Semester 2		
CHT-302	Industrial Materials	2(2-0)
CHT-304	Chemical Process Industries-I	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
MTH-322	Introduction to Calculus	3(3-0)
ENG-321	Functional English	2(2-0)
MET-304	Workshop Practice	2(1-1)
FST-301	Introduction to Food Science and Technology	3(2-1)
Semester 3		
CHT-401	Particle Technology	3(2-1)
CHT-403	Chemical Process Industries-II	3(3-0)
CHT-405	Basic Thermodynamics	3(2-1)
CHT-407	Basic Process Calculation-I	3(3-0)
ENG-421	Communication Skill	2(2-0)

EET-431	Electrical Technology	3(2-1)
Semester 4		
CHT-402	Fluid Flow Operations	3(2-1)
CHT-404	Mechanical Separation Operations	3(2-1)
CHT-406	Basic Process Calculations-II	3(3-0)
CHT-408	Renewable Energy Technology	3(3-0)
CHT-410	Petroleum and Petrochemical Technology	3(2-1)
ENG-422	Technical Writing	2(2-0)
Semester 5		
CHT-501	Mass Transfer Operations	3(2-1)
CHT-503	Heat Transfer Operations	3(2-1)
CHT-505	Safety, Health and Environment	3(3-0)
CHT-507	Industrial Instrumentation	3(2-1)
CHT-509	Process Plant Utilities	2(2-0)
MGT-625	Project Management	3(3-0)
Semester 6		
CHT-502	Chemical Reactor Technology	3(2-1)
CHT-504	Chemical Process Control	3(2-1)
CHT-506	Equipment Maintenance	2(2-0)
CHT-508	Chemical Process Design and Simulation	3(2-1)
CHT-510	Chemical Process Economics	3(3-0)
CHT-512	Project	3(0-3)
Semester 7		
CHT-631	Supervised Industrial Training/ Field Training*	16(0-16)
Semester 8		
CHT-632	Supervised Industrial Training/Field Training*	16(0-16)

\* One week's training @ 8 hours daily for 5 days per week will be counted as 1 credit hour. Accordingly, 16 weeks/semester x 5 working days / week x 8 hours/ Day = 640 Contact hours/ semester.





## Department of Civil Engineering Technology

### Programs Offered

**B.Sc. Civil Engineering Technology**

**Incharge: Engr. Waqas Akhtar**



### Vision

Emerge as a Center of Excellence in Civil Engineering Technology, fostering a generation of globally competent and socially committed civil engineering technologists who will contribute to the nation building process

### Mission

To provide a comprehensive education and training at the levels and to equip the graduate with strong ethical and moral values and make them socially committed.

### Introduction

The department of Civil Engineering Technology started offering BSc Civil Engineering Technology program in the year 2015. The objective of the BSc Civil Engineering Technology program is to provide the students good understanding of civil engineering solutions in a global, societal and environmental context, in consistent with the principles of sustainable development. The programme will make the students capable of identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs. BSc Civil Engineering Technology program emphasizes on industry standard and research based projects to enhance the students' skills for becoming successful professionals in the field of Civil Engineering and Technology.

### Faculty

#### Engr. Waqas Akhtar

Teacher Incharge / Lecturer  
MS in Geotechnical & Highway Engineering

#### Engr. Talha Aslam

Research Officer  
MS Scholar

#### Faizan Ashraf

Focal Person Affiliated Colleges / Research Officer  
MS in Construction & Engineering Management

#### Engr. Atta Mehroz

Exam-Coordinator / Research Officer  
MS in Geotechnical & Highway Engineering

### Scheme of Studies for BSc Civil Engineering Technology

Semester 1		
CET-301	Applied Mechanics	3(2-1)
CET-303	Engineering Geology	2(2-0)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)

CET-305	Materials and Method of construction	3(2-1)
PST-321	Pakistan Studies	2(2-0)
<b>Semester 2</b>		
EET-304	Electrical Machines –I	3(2-1)
CET-302	Fluid Technology	3(2-1)
ISL-321	Islamic Studies OR	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
CET-304	Mechanics of Materials	3(2-1)
CET-306	Surveying	3(1-2)
CET-308	Technical Drawing	3(1-2)
<b>Semester 3</b>		
CET-401	Advance Surveying and Application of GIS	3(1-2)
CET-403	Concrete Technology -1	3(2-1)
ENG-322	English Comprehensive and Composition	2(2-0)
CET-405	Hydraulic Machinery	3(2-1)
CET-407	Structural Technology	3(3-0)
CET-409	Soil Mechanics-I	3(2-1)
<b>Semester 4</b>		
CET-402	Introduction to Architecture and Town Planning	3(3-0)
CET-404	Quantity Surveying	2(2-0)
CET-406	Soil Mechanics-II	3(2-1)
CET-408	Transportation Technology	3(2-1)
CET-410	Water Supply and Waste Water Management	3(2-1)
CET-412	Professional Ethics	2(2-0)
<b>Semester 5</b>		
CET-501	Concrete Technology –II	3(2-1)
CET-503	Contract Management	3(2-0)
CET-505	Foundation Technology	3(2-1)
CET-507	Hydrology	3(2-1)
CET-509	Irrigation and Hydraulic Structures	3(3-0)
CET-511	Occupational Health and Safety	2(2-0)
<b>Semester 6</b>		
CET-502	Building Codes	2(2-0)
CET-504	Construction Management	3(3-0)
ENV-506	Environmental Management	3(2-1)
CET-508	Pavement Technology	3(2-1)

CET-510	Renewable Energy Technology	3(2-1)
CET-512	Steel Structures	3(2-1)
<b>Semester 7</b>		
CET-631-A	Project	3(0-3)
CET-632-A	Internship *	16(0-16)
<b>Semester 8</b>		
CET-631-B	Project	3(0-3)
CET-632-B	Internship *	
* The industrial training/Internship performance assessment will be based on;		
1. On the job Trainer, Report (20%)		
2. Training Advisor report through visit or survey (10%)		
3. Industrial Training Report (50%)		
4. Viva Voce (20%)		



## Department of Electrical Engineering

Phone: 041-9203009  
Email: ee@gcuf.edu.pk



### Programs Offered

1. BS Electrical Engineering
2. MS Electrical Engineering
3. PhD Electrical Engineering

Chairman: Dr. Abdul Rauf Bhatti



### Vision

The vision of the Electrical Engineering Department is not only to embrace the rapid changes taking place in the Electrical Engineering sector but also to contribute to its sustainable development goals through education, research and innovations.

### Mission

The mission of the Electrical Engineering Department is to prepare individuals capable of responding to the rapidly changing field of Electrical Engineering. It is imperative that our students develop the necessary intellectual ability alongside moral and ethical values to successfully grasp this change. The department meets this challenge through implementation of a dynamic and versatile engineering education system.

### Introduction

The Department of Electrical Engineering, since its formulation in 2004, has been imparting quality Electrical Engineering knowledge and skills to its Undergraduate students. Over the years, the department has gradually been evolving into its current state with advanced teaching methods, modern laboratory facilities, highly qualified faculty including PhDs and an efficient administrative/organizational setup. These advancements have resulted in the successful launch of MS and PhD programs from fall 2019.

The adoption of Outcome Based Education (OBE) has been a major step forward for engineering education in Pakistan. Since the accreditation of Pakistan Engineering Council (PEC) with the Washington Accord, this system has transformed our education system from the conventional input-based systems to an internationally accepted OBE system. This allows all stakeholders of the education system to contribute in the development of the engineering curricula. Based on recommendation of PEC and

in line with university's mission and vision, the department of Electrical Engineering, GCUF is adopting this system with effect from spring 2019.

In line with OBE system guidelines, university's vision, mission and industrial needs, the Program Educational Objectives (PEOs) have been developed by the department of electrical engineering for BS Electrical Engineering program.

### Program Educational Objectives (PEOs)

- PEO-1:** Apply Engineering Knowledge to resolve the technical/Engineering problems of the society.
- PEO-2:** Enhance the intellectual and analytical abilities in taking initiative and/or developing innovative ideas for technological and professional growth in Electrical Engineering field.
- PEO-3:** Work effectively as a team member or lead multidisciplinary teams while determining/demonstrating the interpersonal and management skills and ethical responsibilities.

To fully implement the OBE system in Department of Electrical Engineering and to incorporate stakeholders into the system, the department has established a Placement Bureau/ Industrial Liaison Office and an Industrial Advisory board. The Placement Bureau/ Industrial Liaison Office maintains close collaboration with the industry and facilitates internship/job placement of the students/graduates and also organizes industrial visits to bridge the gap between theory and practice. The Industrial Advisory Board, comprising representatives from power and telecom sectors including Faisalabad Chamber of Commerce & Industry (FCCI), advises the department on strengthening industry academia linkages and curriculum revisions in line with industrial needs.



## Faculty

### Dr. Abdul Rauf Bhatti

Chairman/ Associate Professor  
Ph.D. Electrical Engineering (UTM Malaysia)  
Specialization: Electrical Power Engineering

### Dr. Arslan Dawood Butt

Assistant Professor  
Ph.D. IT (Electronics Engineering) (Polimi Italy)  
Specialization: Electronic System Design

### Dr. Yawar Ali Sheikh

Assistant Professor  
Ph.D. Electrical Engineering (USTC, China)  
Specialization: Signal & Information Processing

### Dr. Muhammad Farhan

Assistant Professor/ Coordinator Post Graduate Studies  
Ph.D. Electrical Engineering (BIT China)  
Specialization: Control Science & Engineering

### Dr. Kashif Nisar Paracha

Assistant Professor  
Ph.D. Electrical Engineering (UTM Malaysia)  
Specialization: Communication and Signal Processing

### Dr. Umer Ijaz

Assistant Professor  
PhD Electronics & Communication Engineering  
(Polytechnic Di Torino)  
Specialization: Electronics & Communication

### Engr. Muhammad Ibrahim Khan

Assistant Professor  
PhD Scholar (GCUF)  
MSc. Electrical Engineering (UET Lahore)  
Specialization: Power Systems

### Engr. Muhammad Ubaidullah

Lecturer/Industrial Liaison Officer  
MSc. Electrical Engineering (UET Taxila)  
Specialization: Communication and Signal Processing

### Engr. Taufeeq Liaquat

Lecturer  
MSc. Electrical Engineering (UET Taxila)  
Specialization: Computer Engineering

### Engr. Nouman Safdar

Lecturer/Academic Coordinator  
PhD Scholar (GCUF)  
MSc. Electrical Engineering (UOL LHR)  
Specialization: Electrical Power Engineering

### Engr. Ali Iqbal

Lecturer  
MSc. Electrical Engineering (NUST ISB)  
Specialization: Images Processing

### Engr. Ali Raza

Lecturer (On study leave for PhD)  
Ph.D Scholar (China)  
Specialization: RF and Antenna Design

### Engr. Muhammad Malik

Lecturer (On study leave for PhD)  
Ph.D Scholar (China)  
Specialization: RF and Antenna Design

### Engr. Abu Baker Sharif

Lecturer (On study leave for PhD)  
Ph.D Scholar (China),  
Specialization: RF and Antenna Design

### Engr. Rehan Liaquat

Lecturer (On study leave for PhD)  
Ph.D Scholar (UET Taxila)  
Specialization: Electrical Power Engineering

### Engr. Ahsan Noor Khan

Lecturer (On study leave for PhD)  
Ph.D Scholar (England)  
Specialization: Electrical Engineering

### Engr. Mirza Hussain Raza Qasim

Lecturer (On study leave for PhD)  
Ph.D Scholar (Korea)  
Specialization: Electrical Engineering

### Engr. Waqar Aziz

Lecturer (On study leave for PhD)  
Ph.D Scholar (New Zealand)  
Specialization: Signal Processing

## Laboratory Staff

### Engr. Aleem Hussain

Lab Engineer  
MS Scholar (GCUF), BSc Electrical Engineering  
Specialization: Electrical Power Engineering

### Engr. Muzammil Hayat

Lab Engineer  
MSc Electrical Engineering (TOF FSD)  
Specialization: Telecommunication

### Engr. Mariam Naseem

Lab Engineer  
BSc Electrical Engineering  
Specialization: Telecommunication

### Engr. Maria Hanif

Research Officer/Lab Engineer  
PhD Scholar (GCUF)  
MSc Electrical Engineering (UET Lahore)  
Specialization: Electronics & Communication

### Engr. Hassan Rasheed

Lab Assistant  
MSc Electrical Engineering (TUF FSD)  
Specialization: Telecommunication

### Engr. Muhammad Abrar

Lab Assistant  
BSc Electrical Engineering (GCUF FSD)  
Specialization: Telecommunication

### Mr. Muhammad Ijaz Bhatti

Lab Assistant/Technician

### Mr. Waqar Ali

Lab Assistant

### Mr. Ali Kausar

Lab Assistant

### Mr. Muhammad Bilal

Lab Attendant

### Mr. Muhammad Najeeb Ullah

Lab Attendant

**Mr. Umar Draz**  
Lab Attendant

**Mr. Shah Nawaz**  
Lab Attendant

**Mr. Azhar Hayat**  
Lab Attendant

## Allied Staff

**Engr. Irfan Riaz Shohab**  
Teaching Assistant/ Exam Coordinator

## Departmental Laboratory/Library Facilities

- Communication and Signal Processing lab
- Electronics Lab
- Control and Instrumentation Lab
- Machines Lab
- Optical Communication Lab
- Microwave & Antenna Lab
- Embedded Systems Lab
- Computer Communication and Networks Lab
- Computer Lab
- Research & Development Lab (in progress)
- Final Year Project Lab (in progress)
- Departmental Library (over 6200 books)

## Scheme of Studies BS Electrical Engineering

Semester 1		
PHY-321	Applied Physics-I	3(3-0)
ELE-301	Workshop Practice	1(0-1)
ELE-303	Linear Circuit Analysis	4(3-1)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-323	Calculus and Analytical Geometry	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 2		
ELE-302	Engineering Drawing	1(0-1)
CSI-301	Programming Fundamentals	3(2-1)
ELE-304	Electronic Devices and Circuits	4(3-1)
MTH-423	Differential Equations and Transforms	3(3-0)
ACH-321	Applied Chemistry	2(2-0)
MET-407	Thermodynamics for Technologists	3(3-0)
ISL-321 / ISL 322	Islamic Studies / Ethics (For Non-Muslims)	2(2-0)
Semester 3		
MTH-424	Linear Algebra	3(3-0)
ENG-421	Communication Skills	3(3-0)
ELE-401	Digital Logic Design	4(3-1)
ELE-403	Electromagnetic Field Theory	3(3-0)
ELE-405	Electrical Network Analysis	4(3-1)
Semester 4		
ELE-402	Electronic Circuit Design	4(3-1)
MTH-601	Numerical Analysis-I	3(3-0)
ELE-404	Instrumentation and Measurements	4(3-1)
ELE-406	Probability Methods in Engineering	3(3-0)
ELE-408	Electrical Machines	4(3-1)
Semester 5		
ELE-501	Engineering Economics and Management	3(3-0)
ELE-503	Signals and Systems	3(3-0)
ELE-505	Introduction to Power systems	3(3-0)
ELE-507	Power Electronics	4(3-1)
ELE-509	Introduction to Embedded Systems	4(3-1)

Semester 6		
ELE-502	Communication Systems	4(3-1)
ELE-504	Digital Signal Processing	4(3-1)
ENG-422	Technical Writing	3(3-0)
ELE-506	Linear Control Systems	4(3-1)
ELE-5XX	RESTRICTIVE ELECTIVE-I	4(3-1)
Semester 7		
ELE-601	Industrial Electronics	4(3-1)
ELE-6XX	ELECTIVE -II	4(3-1)
ELE-6XX	ELECTIVE -III	4(3-1)
ELE-615-A	Final Year Project-I	3(0-3)
Semester 8		
MGT-601	Entrepreneurship	3(3-0)
ELE-6XX	ELECTIVE-IV	4(3-1)
ELE-6XX	ELECTIVE-V	4(3-1)
ELE-615-B	Final Year Project-II	3(0-3)
Electives		
ELE-602	VLSI Design	4(3-1)
ELE-603	Wave Propagation and Antenna	4(3-1)
ELE-604	RF and Microwave Engineering	4(3-1)
ELE-605	Digital Communications	4(3-1)
ELE-606	Wireless and Mobile Communications	4(3-1)
ELE-607	Optical Communication	4(3-1)
ELE-608	Computer Communication Networks	4(3-1)
ELE-609	Power Generation	3(3-0)
ELE-610	Electrical Power Transmission	4(3-1)
ELE-611	Power System Protection	4(3-1)
ELE-612	Power System Operation & Control	4(3-1)
ELE-613	Electrical Machine Design and Maintenance	3(3-0)
ELE-614	High Voltage Engineering	4(3-1)
Restrictive Elective		
ELE-508	Integrated Electronics	4(3-1)
ELE-510	Power System Analysis	4(3-1)



## MS/PhD Electrical Engineering

ELE-701	Linear System Theory	3(3-0)
ELE-702	Optimization Theory	3(3-0)
ELE-703	Simulation Modeling and Analysis	3(3-0)
ELE-704	Stochastic Processes	3(3-0)
ELE-705	Scientific writing and research methodology	3(3-0)
ELE-706	Advanced Power Electronics	3(3-0)
ELE-707	Advanced Electrical Machine Design	3(3-0)
ELE-708	Control of Electric Machine Drives	3(3-0)
ELE-709	Advanced topics in power system	3(3-0)
ELE-710	Advanced Power System Protection	3(3-0)
ELE-711	Advanced High Voltage Engineering	3(3-0)
ELE-712	Power Quality	3(3-0)
ELE-713	Power System Planning	3(3-0)
ELE-714	Advanced Renewable Energy Systems	3(3-0)
ELE-715	Insulation Coordination in Power Systems	3(3-0)
ELE-716	Power System Transients	3(3-0)
ELE-717	Energy Management	3(3-0)
ELE-718	Advanced Smart Grid	3(3-0)
ELE-719	Advanced Control System	3(3-0)
ELE-720	Digital Control Systems	3(3-0)
ELE-721	Nonlinear Control Systems	3(3-0)
ELE-722	Adaptive Control Systems	3(3-0)
ELE-723	Guidance Navigation and Control	3(3-0)
ELE-724	Optimal & Robust Control	3(3-0)
ELE-725	Control System with Embedded Implementation	3(3-0)
ELE-726	Distributed Control Systems	3(3-0)
ELE-727	Advanced VLSI System Design	3(3-0)
ELE-731	Advanced Digital Signal Processing	3(3-0)
ELE-732	Antenna Theory and Design	3(3-0)
ELE-733	Wireless and Mobile Communications	3(3-0)
ELE-734	Microwave Devices and Circuits	3(3-0)
ELE-735	RF Circuits Design	3(3-0)
ELE-736	Embedded System Design	3(3-0)
ELE-737	Advanced Digital System Design	3(3-0)
ELE-739	Advanced Linear System Theory & Design	3(3-0)
ELE-740	Optimization Theory & Algorithms	3(3-0)

ELE-741	Modeling & Simulation of Engineering Systems	3(3-0)
ELE-742	Stochastic Processes & Random Variable	3(3-0)
ELE-743	Research Methods	3(3-0)
ELE-744	Advanced Power Electronics Converters	3(3-0)
ELE-745	Dynamics & Control of Electric Machine Drive Systems	3(3-0)
ELE-746	Advances in High Voltage Engineering	3(3-0)
ELE-747	Electrical Power System Quality Analysis	3(3-0)
ELE-748	Power System Planning & Reliability	3(3-0)
ELE-749	Renewable Electric Power Systems	3(3-0)
ELE-750	Insulation Coordination for Power Systems	3(3-0)
ELE-751	Analysis of Transient in Electrical Power Systems	3(3-0)
ELE-752	Advanced Control & System Engineering	3(3-0)
ELE-753	Advanced Digital Control Systems	3(3-0)
ELE-754	Network Security	3(3-0)
ELE-755	Networked & Embedded Control Systems	3(3-0)
ELE-756	Advanced Electrical Power System Analysis	3(3-0)
STA-795	Statistics for Research	3(2-1)

### Mandatory Requirements for MS

ELE-728	Seminar (General)	1(0-1)
ELE-729	Seminar (Research)	1(0-1)
ELE-730	Thesis	6(0-6)

In addition to 6 credit hours of thesis, the students must take 26 credit hours in total (13 each during first and second semesters). General and research seminars to be also enrolled during First & Second semesters, respectively. Total credit hours for degree are 32.

### Mandatory Requirements for PhD

ELE-758	Seminar (General)	1(0-1)
ELE-759	Seminar (Research)	1(0-1)
ELE-760	Thesis	

The students must qualify 20 credit hours in total (10 each during first and second semesters). General and research seminars to be enrolled during first and second semesters, respectively to be eligible for sitting in comprehensive examination during the third semester (after passing all 20 credit hours).



## Department of Electrical Engineering Technology

Phone: 041-9203035  
Email: eet@gcuf.edu.pk

### Programs Offered

#### 1. BSc Electrical Engineering Technology

Incharge: Dr. Haifz Muhammad Kamran Ishfaq



### Mission

The mission of the Department of Electrical Engineering Technology is to produce professional technologists who are not only capable of handling all the challenges of their field with intellectual expertise but are also aware of ethical and moral aspects of their work to adopt this change. Moreover to produce highly competent and sought-after technical professionals capable of bringing Pakistan into a new era of technological advancement through education based on industrial trainings, hands on experience and research.

### Faculty

**Dr. Hafiz Muhammad Kamran**  
Incharge/ Assistant Professor  
Ph.D. Electrical Engineering (UTM Malaysia)  
Specialization: RF and Antenna Design

**Engr. Muhammad Saad Sharif**  
IT Focal Person/Lecturer  
MSc. Electrical Engineering (University of Newcastle UK)  
Specialization: Electrical Power Engineering

**Engr. Farah Batool**  
Lecturer  
M.Sc Electrical Engineering Scholar  
Specialization: Electronics

**Engr. Syed Zeeshan Haider**  
Academic Coordinator/RO  
M.Sc Electrical Engineering (Sweden)  
Specialization: Signal Processing

**Engr. Muhammad Husnain Khalid**  
Lab Engineer  
B.Sc Electrical Engineering  
Specialization: Power Systems

**Engr. Anam Mughees**  
Research Officer/Lab Engineer  
M.S Engineering (UET Lahore)  
Specialization: Power Systems

**Engr. Muhammad Fraz Anwar**  
Teaching Assistant / Exam Coordinator  
MS Electrical Engineering  
Specialization: Power Systems



## BSc Electrical Engineering Technology

Semester 1		
CSI-321	Introduction to Computer Fundamentals	3(1-2)
ISL-321	Islamic Studies/ Professional Ethics (For Non-Muslims only)	2(2-0)
PHY-321	Applied Physics	3(2-1)
ENG-421	Communication Skills	3(3-0)
EET-307	Linear Circuit Analysis	3(2-1)
MTH-309	Applied Mathematics-1	3(3-0)
Semester 2		
EET-302	Engineering Drawing	3(1-2)
PST-321	Pakistan Studies	2(2-0)
MET-322	Fundamentals of Mechanics & Thermodynamics	3(2-1)
EET-304	AC Circuits Analysis	4(2-2)
EET-306	Electronic Devices & Circuits	4(2-2)
MTH-308	Applied Mathematics – II	3(3-0)
Semester 3		
EET-401	Digital Electronics	4(2-2)
EET-403	Electrical Machines-I	3(2-1)
EET-405	Electrical Instruments and Measurements	4(2-2)
EET-407	Power Generation Systems	2(2-0)
EET-409	Technical Report Writing	3(3-0)
Semester 4		
EET-402	Electrical Machines-II	4(2-2)
EET-404	Electro-Magnetic Fields	2(2-0)
EET-406	Electrical Power Transmission	3(2-1)
EET-408	Electrical Power Distribution and Utilization	3(2-1)
EET-410	Power Electronics	4(2-2)
Semester 5		
EET-501	Control Technology	3(2-1)
EET-503	Communications Technology	4(2-2)
EET-505	High Voltage Technology	3(2-1)
EET-507	Introduction to Embedded Systems	3(2-1)
EET-509	Switch Gear & Protective Devices	3(2-1)
MGT-511	Entrepreneurship	2(2-0)

Semester 6		
EET-502	Industrial Drives & PLC	4(2-2)
EET-504	Power System Analysis	2(2-0)
EET-506	Data & Computer Communication	4(2-2)
EET-508	Project Management	3(3-0)
EET-510	Renewable Energy Technologies	2(2-0)
EET-512	Project	3(0-3)
Semester 7		
EET-631	Supervised Industrial / Field Training	16(0-16)
Semester 8		
EET-632	Supervised Industrial / Field Training	16(0-16)

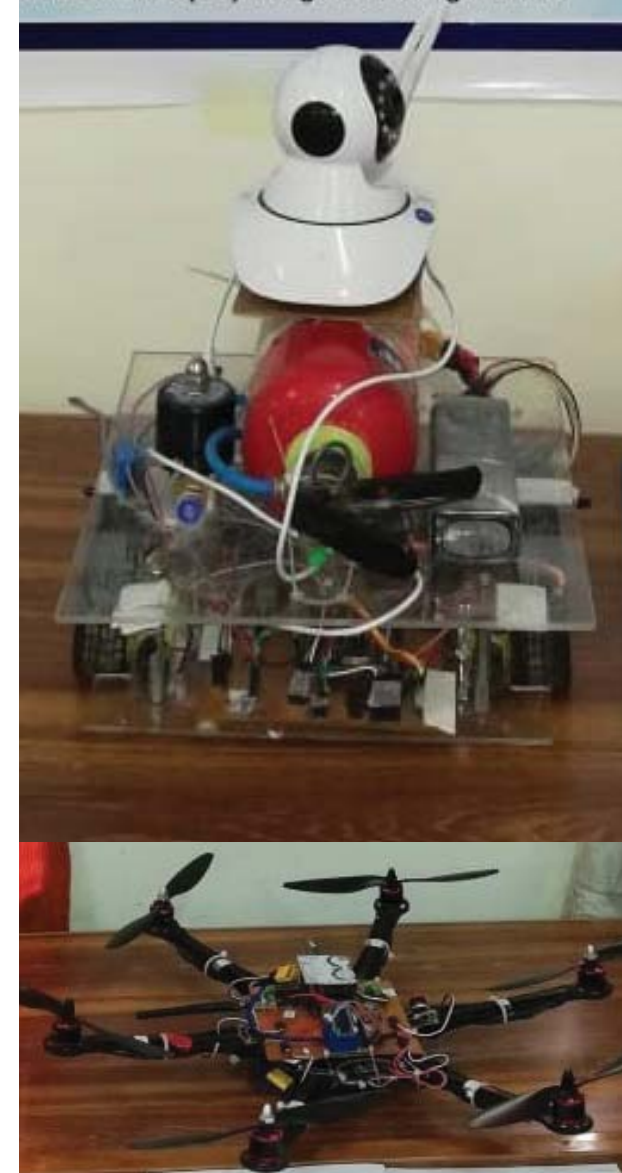
\*The Industrial training performance assessment will be based on

1. On the job Trainer's Report = 20%
2. Training Advisor Report through visit or survey = 10%
3. Industrial Training Report = 30%
4. Seminar/Presentation = 20%
5. Viva voce = 20%

### Program Educational Objectives (PEOs)

- PEO-1:** Apply Engineering Knowledge to resolve the technical/ Engineering problems of the society.
- PEO-2:** Enhance the intellectual and analytical abilities in taking initiative and/or developing innovative ideas for technological and professional growth in Electrical Engineering field.
- PEO-3:** Work effectively as a team member or lead multidisciplinary teams while determining/demonstrating the interpersonal and management skills and ethical responsibilities.

id valve and spray the gas to extinguish fire.





## Department of Environmental Sciences & Engineering

Phone: 041-9201566



### Vision

The department envisions that Environmental Science is a multi-disciplinary subject combining ecosystem processes and human activities. The understanding of knowledge and skills acquired through studying Environmental Science is critical to the attainment of sustainable development for sound environmental management.

### Mission

The mission of the department is to make people aware of the hazards of environmental pollution and offer viable solutions to these problems. The degree programs offered by the department are aimed to develop trained human resource having strong theoretical and practical knowledge with greater competency of basic and applied aspects of Environmental Science and Engineering. Courses for the degrees offered at the department include BS Environmental Science, MPhil Environmental Science and PhD Environmental Science have been designed to deliver a comprehensive theoretical knowledge and practical expertise of scientific principles that would enable graduates to effectively address the local to global environmental issues.

### Introduction

The degree programs offered at the Department of Environmental Sciences and Engineering bridge the gap between various basic and applied science disciplines to meet the challenges of 21st century which would require advance

research and training in the field of Environmental Sciences and Engineering. It is, therefore, necessary to develop the research facilities in order to cope with future demands by engaging in multidisciplinary research. Researchers of this department are exploiting the phenomena of phytoremediation, biodegradation, wastewater treatment, and climate change among others. Phytoremediation is a low cost cleanup technique comprising direct use of living green plants for in-situ (in place) removal of contaminants from soils and surface waters. Biodegradation is the chemical dissolution of materials by bacteria, fungi, or other biological means. Wastewater treatment is possible through UASB (Upflow Anaerobic Sludge Blanket Reactor). Climate change is variability in the statistical distribution of weather patterns when the change lasts for an extended period of time. In other words, it may refer to a change in average weather conditions. Odd weather patterns cause shifting of seasons, weather complexities, and resultantly high values of Heat Index.

For climate change research, development, and outreach (community awareness), GCUF collaborates with its national and international partners including PARC-Islamabad, ICIMOD (Nepal), TERI (India), BCAS (Bangladesh), Alterra of Wageningen University of the Netherlands. Heat stress has direct effects on human health. Health studies which derive a relation between health and heat usually make use of temperatures recorded at standardised locations outside city limits. In general, they do not cover the conditions in which the most vulnerable people, the urban and rural poor people, actually live in. Due to the Urban Heat Island effect, urban areas are exposed to higher levels

### Programs Offered

1. BS Environmental Science
2. MSc Environmental Science
3. MPhil Environmental Science
4. PhD Environmental Science

Chairman: Dr. Shafaqat Ali



of heat than the people living in surrounding rural areas. In addition, indoor temperatures can differ greatly from outdoor temperatures. In order to generate weather data for true urban environments, the temperatures must be recorded within the urban locations. The existing two weather stations in Faisalabad (one at the airport and the other at the University of Agriculture Faisalabad) do not generate true urban environmental data rather they produce agricultural scenarios.

Realizing the importance and need of a weather station in urban settings, the Vice Chancellor, Government College University Faisalabad inaugurated the automatic weather station at the old campus on March 02, 2016. This weather station is complete sets of instruments and measures wide range of climate and weather parameters. These instruments have been donated by the Alterra, Wageningen, the Netherlands under a joint regional project HI-AWARE. The researchers from the Netherlands, Dr. Christian Siderius and Ms Tanya elaborated the use and functions of this weather station in the scenario of heat waves in urban environments. The Vice Chancellor thanked the Wageningen University for their collaboration and discussed the use of data from weather station in various fields of life and natural sciences. There is insufficient knowledge regarding the role of potential risk factors and adaptation measure such as house building material type on heat-related mortality. The health benefits from interventions in housing and the outdoor built environment, such as increasing green spaces and using albedo (e.g. painting roofs white) are a research area offering significant potential for improving people's health, next to early warning systems. Researchers of the Department of Environmental Sciences & Engineering at GCU Faisalabad are exploiting threshold values of Heat Index in the slums of Faisalabad in order to be able to recommend to the city and district government for mitigation strategies including planting of good number of trees in vulnerable areas and recommending to the public the specific building materials to be used in their house construction. In continuation to the collaborative activities a "Stakeholders Consultation Workshop on Heat Stress in Faisalabad" was held on March 03, 2016 at GCU Faisalabad. The workshop was attended by the researchers from GCUF, UAF, PARC, ALTERA-Wageningen University, LEAD-Pakistan, representatives from Rescue 1122 - Faisalabad, Faisalabad Waste Management Company, Vice Principal Punjab Medical College, health professionals from Allied Hospital Faisalabad and civil society representatives and students. The Vice Chancellor welcomed the participants from various disciplines and offered every possible support for heat-stress related studies in Faisalabad. Participants of the stakeholders' workshop on the issues of heat stress and the related preemptive measures in Faisalabad. Organizing International Conference on "Global Environmental Change" is

an annual routine activity of the Department. The 4th conference in this sequence was organized at the New Campus of the University in 2017. Five hundred trees of various species were planted at New Campus as a field activity of this conference. During 2019, the department organized awareness walks and seminars in the wake of smog and to celebrate World Soil Day. Moreover, an International Seminar was jointly organized by the department with University of Agriculture Faisalabad and Centre for Agriculture and Biosciences International (CABI) on the issues of Parthenium (Parthenium Hysterophorus L.) as an invasive species. Through these research and outreach activities, Department of Environmental Sciences & Engineering is imparting significant environmental awareness among the public which has been appreciated by Prof. Dr. Shahid Kamal, Vice Chancellor and the community.

The researchers at the Department of Environmental Sciences and Engineering are also working on the issues of environmental degradation from agricultural activities and their mitigative options. Surface and groundwater contamination of surface and ground waters with nitrogen and phosphorus from diffused nutrient pollution are significant threats to environmental sustainability and ecosystems functions, and, therefore, holistic soil and water management practices are required to be identified to tackle such environmental issues. Evident from the academic and research outputs, the Department of Environmental Sciences & Engineering has actively engaged with national and international institutes to address local, regional and global environmental issues.



## Faculty

### Dr. Shafaqat Ali

Associate Professor / Chairman  
PhD (ZJU, China), Post Doc (CAS, China)  
Specialization: Phytotoxicity and Phytoremediation of Environmental Pollutants, Biochar, Stress Physiology

### Dr. Farhat Abbas

Professor  
PhD Agricultural Engineering (Newcastle, UK)  
Specialization: Climate Change Extremes, Resource Management, GIS Applications

### Dr. Tahira Yasmeen

Associate Professor  
PhD (QAU)  
Specialization: Plant Microbial Ecology and Biotechnology

### Dr. Sabir Hussain

Associate Professor  
PhD (France), Postdoc (Ireland)  
Specialization: Biotransformation and Bioremediation of Pollutants in Contaminated Soils and Wastewaters

### Dr. Muhammad Riaz

Associate Professor  
PhD (U.K.), Postdoc (Australia; Switzerland)  
Specialization: Soil biogeochemistry, Nutrient cycling in agroecosystems, Biochar, soil quality and C sequestration, Soil organic matter, Soil health

### Dr. Muhammad Adrees

Associate Professor  
PhD (Imperial College, London)  
Specialization: Nitrogen and Ozone Pollution, Climate change

### Dr. Muhammad Saleem Arif

Associate Professor  
PhD (UAF), Postdoc (UK, Switzerland)  
Specialization: Soil Biology and Biogeochemistry, Sustainability

### Dr. Muhammad Ibrahim

Associate Professor  
PhD (UAF), Postdoc (South Korea)  
Specialization: Soil and Environmental Sciences

**Dr. Muhammad Siddique**

Assistant Professor  
PhD (PU), Postdoc Kurume University, Japan  
Specialization: Biotechnology

**Dr. Tanvir Shahzad**

Assistant Professor  
PhD (France), Postdoc (France)  
Specialization: Soil Biochemistry, Biochar, Carbon Sequestration

**Dr. Faisal Mahmood**

Assistant Professor  
PhD (France)  
Specialization: Crop Modeling, Biochar

**Dr. Muhammad Iqbal**

Assistant Professor  
PhD (Austria)  
Specialization: Soil Microbiology & Biochemistry;  
Bioremediation and Metal immobilization in Environment

**Dr. Muhammad Rizwan**

Assistant Professor  
PhD (France); Specialization: Phytotoxicity & Phytoremediation

**Dr. Ghazala**

Assistant Professor  
PhD (GCUF); Specialization: Toxicology

**Dr. Zaib-un-Nisa**

Assistant Professor  
PhD (GCUF); Specialization: Biodiversity and Toxicology

**Ms. Shamaila Noreen**

Assistant Professor  
Mphil (GCUF); Specialization: Environmental Sciences

**Ms. Huma Saeed**

Lecturer (on Ex-Pakistan leave)  
MPhil(GCUF); Specialization: Environmental Sciences

**Ms. Saadia Hina**

Lecturer  
MPhil (GCUF)  
Specialization: Pollution Monitoring and EIA

**Ms. Aaifa Chaudhary**

Lecturer (on Ex-Pakistan leave)  
MS (PU); Specialization: Air Pollution and EMS

**Dr. Muhammad Kashif Irshad**

Lecturer  
PhD (China)  
Specialization: Heavy Metal Remediation

**Mr. Zaheer Abbas Virk**

Lecturer  
MSc (Hons) (UAF)  
Specialization: Soil Chemistry

**Scheme of Studies  
BS Environmental Science**

Semester 1		
ENV-301	Introduction to Environmental Science	3(3-0)
ENV-303	Basic Environmental Biology	3(2-1)
CHM-305	Basic Chemistry	3(2-1)
ENG-321	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-321	Algebra and Trigonometry	3(3-0)
Semester 2		
ENV-302	Introduction to Earth Sciences	3(2-1)
ENV-304	Applied Environmental Biology	3(2-1)
ENV-306	Environmental Anthropology	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ENG-322	English Comprehensive and Composition	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
Semester 3		
ENV-401	Environmental Chemistry	3(2-1)
ENV-403	Environmental Physics	3(2-1)
ENV-405	Philosophy	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
ENG-421	Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
Semester 4		
ENV-402	Fundamentals of Ecology	3(3-0)
ENV-404	Environmental Microbiology	3(2-1)
ENV-406	Environmental Pollution	3(3-0)
ENV-408	Climatology	3(3-0)

PSY-422	Introduction to Psychology	3(3-0)
ENV-410	Waste Management	3 (3-0)
Semester 5		
ENV-501	Applied Ecology	3(2-1)
ENV-503	Basics of Environmental Toxicology	3(2-1)
ENV-505	Environmental Profile of Pakistan	3(3-0)
ENV-507	Fundamentals of Environmental Economics	3(3-0)
ENV-509	Analytical Techniques in Environmental Science	3(1-2)
ENV-511	Energy and Environment	3(3-0)
Semester 6		
ENV-502	Fundamentals of Environmental Biotechnology	3(2-1)
ENV-504	GIS & Remote Sensing	3(2-1)
ENV-506	Basics of Environmental Management Systems	3(3-0)
ENV-508	Biodiversity & Conservation	3(3-0)
ENV-510	Environmental Monitoring	3(2-1)
ENV-512	Water Resources Management	3(3-0)
Semester 7		
ENV-601	Introduction to Climate Change	3(3-0)
ENV-603	Basics of Environmental Impact Assessment	3(3-0)
ENV-605	Natural Resource Management	3(3-0)
ENV-607	Research Methods in Environmental Science	3(3-0)
ENV-609	Urban Planning and Management	3(3-0)
ENV-611	Soil and Environment	3(3-0)
Semester 8		
ENV-602	Environmental Laws & Policies	3(3-0)
ENV-604	Health and Environment	3(3-0)
ENV-606	Pollution Control Technologies	3(2-1)
ENV-610	Atmospheric Science	3(3-0)
ENV-612	Disaster Management	3(3-0)
ENV-631	Research Project *	6(0-6)

Research projects will be offered to the students with 85% or above marks (till semester 6). Students securing less than 85% marks will study two additional elective courses ENV-610 & ENV-612 (each of 3 credit hours) instead of research work.



## M.Sc Environmental Science

Semester 1		
ENV-551	Introduction to Environmental Science	3(3-0)
ENV-553	Applied Environmental Biology	3(2-1)
ENV-555	Chemistry of Environment	3(2-1)
MTH-575	Basic Mathematics	3(3-0)
ENV-557	Soil Ecology	3(3-0)
ENV-559	Environmental Pollution, Measurement and Assessment	2(0-2)
ENV-408*	Climatology	3(3-0)
ENV-511*	Energy & Environment	3(3-0)
Semester 2		
ENV-552	Fundamentals of Earth Sciences	3(3-0)
ENV-554	Environmental Microbiology	3(2-1)
ENV-556	Physics of the Environment	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
ENV-560	Water and Wastewater Treatment	3(2-1)
ENV-562	Environmental Risk Assessment	2(2-0)
Semester 3		
ENV-651	Occupational Health and Safety	3(3-0)
ENV-653	Pollution Control Technologies	3(2-1)
ENV-655	Environmental Analytical Techniques	3(2-1)
ENV-657	Solid and Hazardous Waste Management	2(2-0)
ENV-659	Conservation of Natural Resources	2(2-0)
ENV-661	Social Theory of Environment	2(2-0)
ENV-663	Project Management	2(2-0)
Semester 4		
ENV-652	Environmental Biotechnology	3(2-1)
ENV-654	Environmental Impact Assessment	3(2-1)
ENV-656	Environmental Management	2(2-0)
ENV-658	Soil Contamination and Remediation	3(3-0)
ENV-679	Seminar	1(0-1)
ENV-680	Thesis	6(0-6)

\* the students from Associate Degree Program in Food Science can seek admission in MSc Environmental Science with the condition of studying deficiency courses in 1st semester

## MPhil/PhD Environmental Science

ENV-701	Environmental Governance	3(3-0)
ENV-702	Advanced Analytical Techniques	3(3-0)
ENV-703	Environment Impact Assessment: Practical Solutions	3(3-0)
ENV-704	Project Development & Management	3(3-0)
ENV-705	Occupational Safety and Environment	3(3-0)
ENV-706	Environmental Management Systems	3(3-0)
ENV-707	Energy Conservation and Environment	3(3-0)
ENV-708	Climate Change	3(3-0)
ENV-709	Advances in Plant Ecology	3(3-0)
ENV-710	Biological Conservation	3(3-0)
ENV-711	Wildlife Forestry, Wetland Conservation and Management	3(3-0)
ENV-712	Advanced Urban Ecology and Management	3(3-0)
ENV-713	Advanced Environmental Chemistry	3(3-0)
ENV-714	Applied Environmental Microbiology	3(3-0)
ENV-715	Freshwater Ecology (Limnology)	3(3-0)
ENV-716	Environmental Sociology	3(3-0)
ENV-717	Environmental Geology	3(3-0)
ENV-718	Marine Pollution	3(3-0)
ENV-719	Epidemiology	3(3-0)
ENV-720	Advances in Environmental Biotechnology	3(3-0)
ENV-721	Soil Ecology	3(3-0)
ENV-722	Watershed Management	3(3-0)
ENV-723	Environmental Auditing	3(3-0)
ENV-724	Vegetation Ecology	3(3-0)
ENV-725	Alternative Energy Sources	3(3-0)
ENV-726	Cleaner Production Technology	3(3-0)
ENV-727	Research Methods in Environmental Science	3(3-0)
ECO-714	Advanced Recourse and Environment Economics	3(3-0)
ENV-731	Management and Treatment of Wastewater	3(3-0)
ENV-732	Environmental Applications of Remote Sensing	3(3-0)
ENV-733	Environment Risk Assessment	3(3-0)
ENV-734	Principles and Applications of Bioremediation	3(3-0)
ENV-736	Sustainable Urban Planning and Management	3(3-0)
ENV-737	Natural Resource Conservation	3(3-0)

ENV-738	Sustainable Agriculture, Transport and Industrial Production	3(3-0)
ENV-739	Industrial Ecology	3(3-0)
ENV-740	Sustainable Development	3(3-0)
ENV-741	Solid and Hazardous Waste Management	3(3-0)
ENV-742	Soil Contamination and Remediation	3(3-0)
ENV-751	Environmental Degradation	3(3-0)
ENV-752	Agro Biodiversity & its Conservation	3(3-0)
ENV-753	Advanced Research Methodology in Environmental Science	3(3-0)
ENV-755	Environmental Toxicology	3(3-0)
ENV-756	Quality Assurance and Quality Control	3(3-0)
ENV-757	Special Topics in Environmental Science	3(3-0)
Mandatory Requirements for MPhil		
ENV-728	Seminar (General)	1(0-1)
ENV-729	Seminar (Research)	1(0-1)
ENV-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
ENV-758	Seminar (General)	1(0-1)
ENV-759	Seminar (Research)	1(0-1)
ENV-760	Thesis	



## Department of Mechanical Engineering Technology

### Programs Offered

BSc Mechanical Engineering Technology

Incharge: Dr. Muhammad Yasar Javaid



### Mission

To produce technologists and researchers with sound knowledge on fundamentals of traditional, modern and emerging areas of engineering together with innovative design abilities, IT and managerial skills, which are essential to achieve sustainable national development.

### Vision

The vision of Department of Mechanical Engineering Technology is towards outstanding education and research leading to well qualified engineers and technologists who are innovative entrepreneurial and successful in advanced fields of mechanical engineering to cater the ever-changing industrial demands and social needs.

### Introduction

Mechanical Engineering and the related technologies have developed today's world. We live in the era of constantly improving the existing and inventing the new technologies. Mechanical Engineering Technology has made it possible to convert our lives towards easier mode by making everything we use, more efficient. We provide students with a competitive education, hands-on experience, exposure to cutting-edge research, and support to pursue their dreams.

### Faculty

#### Dr. Muhammad Yasar Javaid

Assistant Professor / Incharge

PhD: Mechanical Engineering (Malaysia)

Specialization: Dynamic Modeling and simulation (CFD)

#### Engr. Imran Zahid

Lecturer

MS Thermal Power Engineering (UET LHR)

Specialization: Thermal Engineering

#### Engr. Muhammad Raza Lashari

Lecturer/Academic Coordinator

MS Intelligent Building Technology & Management (Hong Kong)

Specialization: HVAC

#### Engr. Fouzia Gillani

Lecturer

PhD Scholar (IST)

Specialization: Manufacturing Engineering

#### Engr. Abdul Ghafoor Bhatti

Lecturer

MS Thermal Power Engineering (UET LHR)

Specialization: Mechanical Engineering

#### Engr. Tahir Abbas

Lecturer

MSc (Malaysia)

Specialization: Impact Engineering

#### Engr. Aown Muhammad Shah

Research Officer

MS Scholar (UOL)

Specialization: Mechanical Design



## BSc Mechanical Engineering Technology

Semester 1		
ACH-321	Applied Chemistry	3(2-1)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MET-301	Technical Drawings	3(1-2)
Semester 2		
EET-302	Electrical Technology	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
MTH-322	Introduction to Calculus	3(3-0)
MET-304	Workshop Practice	3(1-2)
MET-306	Engineering Statics	4(3-1)
Semester 3		
ENG-322	English Comprehension and Composition	3(3-0)
MET-401	Fluid Flow Processes	3(2-1)
MET-403	Materials Technology	3(2-1)
MET-405	Engineering Dynamics	4(3-1)
MET-407	Thermodynamics for Technologists	4(3-1)
Semester 4		
MET-402	Basic Mechanics of Machines	3(2-1)
MET-404	Hydraulics Machinery	3(2-1)
MET-406	Industrial Thermal Utilities	3(2-1)
EET-408	Industrial Electronics Technology	3(2-1)
MET-410	Strength of Materials	3(2-1)
Semester 5		
MET-501	Design of Machine Elements	3(2-1)
MET-503	HVAC Technology	4(3-1)
MET-505	Inspection & Quality Control	3(2-1)
MET-507	Instrumentation Technology	3(2-1)
MET-509	Machining Technology	3(2-1)
Semester 6		
MET-502	Condition Monitoring and Maintenance	3(2-1)
MET-504	Heat and Mass Flow Processes	4(3-1)

MET-506	Health Safety and Environment	3(3-0)
MET-508	IC Engine Operation	4(3-1)
MET-510	Manufacturing Technology	3(2-1)
Semester 7		
MET-632	Internship *	16(0-16)
Semester 8		
MET-632	Internship *	16(0-16)

### Program Educational Objectives (PEOs)

The Department of Mechanical Engineering Technology is committed to provide the knowledge of international standard with high level of intellect and sense of responsibility, which help the students to perform well in professional as well as personal life. We are committed:

**PEO 1:** To develop a true understanding of Mechanical Engineering with knowledge-based study, modern techniques and value-added research projects.

**PEO 2:** To analyze, investigate and develop solutions of engineering problems while considering environmental and sustainability aspects of the solutions.

**PEO 3:** To grant students with a specialized experience that implants the intellect of professional morals in their career.

**PEO 4:** To understand and communicate solutions of engineering problems of society while working in a team environment.





## Faculty of Islamic & Oriental Learning

1. Department of Islamic Studies & Arabic
2. Department of Persian
3. Department of Punjabi
4. Department of Urdu



**Prof. Dr. Muhammad Asif Awan**  
Incharge Faculty  
Ph: 041-9200672  
Email: [masifawan62@yahoo.com](mailto:masifawan62@yahoo.com)

Professor Dr. Muhammad Asif Awan a Gold Medalist of Punjab University, Lahore did his PhD in Iqbal Studies from Allama Iqbal Open University, Islamabad. He has more than 30 years teaching experience. He joined the department of Urdu in GCUF in early 2006. He started service as Lecture in Urdu January 1988. He started M.Phil and PhD Programs in Urdu department. He got president award in 2009. In 2012, he was bestowed all Pakistan writers Guild Addabi Award on his literary achievements. He has published more than forty eight research papers in HEC recognized journals. He has also presented his papers in different national and international conferences. He attended numbers of national and international workshops. Furthermore, his area of research is Iqbalyaat and modern criticism. His total published books are seventeen.



## Department of Islamic Studies & Arabic

Phone: 041-9201559  
041-9201292

Email: islamic.st@gcuf.edu.pk  
arabic@gcuf.edu.pk

### Programs Offered

- |                          |                 |
|--------------------------|-----------------|
| 1. BS Islamic Studies    | 1. BS Arabic    |
| 2. MA Islamic Studies    | 2. MA Arabic    |
| 3. MPhil Islamic Studies | 3. MPhil Arabic |
| 4. PhD Islamic Studies   | 4. PhD Arabic   |

Chairman: Dr. Ghulam Shams-ur-Rehman



### Vision

To seek an advanced knowledge & understanding of classical and modern Islamic religious thoughts, Islamic textual traditions and to promote Arabic Language and literature of the contemporary world among the students.

### Mission

The aims of the programs offered in the Islamic Studies and Arabic are:

- To present Islam as a code of life based on the revealed knowledge of the Holy Quran & Sunnah.
- To be absorbed in a study of Islam as worldview, civilization & living reality.
- To engage students in exploring primary texts, history, global Muslim communities and the regional issues of the Islamic world.
- To provide the closer look at the various histories of Islam in places such as the middle east, Africa, south Asia and Europe
- To enable the students to understand the classical literature and poetry of Arabic language.
- To prepare the students to understand, speak and write the Arabic language

### Introduction

Govt. College University Faisalabad started its journey to deliver the education more than one hundred years ago. The subject of Islamic Studies was introduced in 1955-56 before the partition of subcontinent with the name "Deenyat" which was offered by Mr. M. Abdullah Kamil. Prof. Iftikhar Ahmad Chishti and Prof. Dr. Muhammad Ishaq Qurashi (a famous national personality)

played an important role as pioneer of the Department. Later on, in 1985, the department of Islamic Studies was established. Since its establishment, the alumni of this department have been serving in the various institutions in country and abroad. Presently, the department is offering four programs. Two research Journal "Zia-e-Tahqeeq" and Al-Ehsan (HEC Approved) have also been launched to highlight the intellectual efforts of the faculty members and students. Eighteen issues of the journal Zia-e-Tahqeeq and Twelve issues of Al-Ehsan have been published. Furthermore, "Seerah Chair" and Tasawwuf Study Centre" were established in this Department for promoting moral values, harmony and peace in all spheres of Human life. The Department has organized many national international Conferences and workshops on Seerat, Tasawwaf: Qiraat and visual culture of Islam. In 2013, the Department of Islamic Studies and the Department of Arabic were merged and renamed as "Department of Islamic Studies & Arabic" by the Competent Authority.

It is known that Arabic is an official language of the United Nations and a major language of the Middle East and North Africa, spoken by 280 million people around the world. Arabic is the living medium of vibrant contemporary literature and culture. Arabic is also the language of Holy Quran and Islamic world, the need of billions world's people and has a significant influence as a religion and a civilization in the culture and politics of the world history and the globalised context of the Modern world. The department intends to take effective measures to expand the vision of the status of Arabic language in Pakistan on the lines that the students will be made capable enough to have direct access to consult the original sources of Islamic sciences, Arabic language and literature.



## Faculty

### Dr. Ghulam Shams-ur-rehman

Professor  
PhD Islamic Studies (University of Exeter, UK)  
Post Doc (Chatham House, London, UK)  
Specialization: Sufism, Contemporary Muslim Thought, Afghan Studies

### Dr. Humayun Abbas

Professor  
PhD Islamic Studies  
Post Doc (Glasgow, U.K)  
Specialization: Tafseer, Hadith & Seerah, Tasawwuf

### Dr. Sher Ali

Assistant Professor  
PhD Islamic Studies (GCUF)  
Specialization: History of Islam, Tasawwuf & Seerah

### Dr. Muhammad Hamid Raza

Assistant Professor  
PhD Islamic Studies (PU, Lahore)

### Dr. Yasir Arfat Awan

Assistant Professor  
PhD Islamic Studies (PU, Lahore)

### Dr. Mahmood Ahmad Abdullah

Assistant Professor  
PhD (PU, Lahore)  
Specialization: Qur'anic & Hadith Studies, Arabic Grammar

### Dr. Hamid Hamad

Assistant Professor  
PhD Islamic Studies (PU, Lahore)  
Specialization: Islamic Economics, Fiqh-ul-Hadith

### Dr. Umar Hayat

Associate Professor  
PhD Islamic Studies (Islamia University, Bahawalpur)  
Specialization: Study of Civilization & Religion

### Saima Ashraf

Lecturer  
MPhil Islamic Studies (GCUF)

### Zia-Ur-Rehman Zia

Lecturer  
MPhil Islamic Studies

### Sobia Nosheen

Lecturer  
MPhil Islamic Studies (B.Z.U Multan)

### Hafiz Muhammad Asghar

Lecturer  
MPhil Islamic Studies (GCUF)

### Muhammad Usman Siddique

Lecturer  
MPhil Islamic Studies (GCUF)

### Dr. Saba Noor

Research Officer  
PhD Islamic Studies

### Dr. Muhammad Saleem Ismail

Assistant Professor  
PhD (PU, Lahore)

### Dr. Iftikhar Ahmad Khan

Assistant Professor  
PhD (PU, Lahore)

### Dr. Ghulam Ahmad

Assistant Professor  
PhD (GCUF)

### Dr. Asif Ali Raza

Assistant Professor  
PhD Arabic (GCUF)

### Dr. Muhammad Saleem

Research Officer  
PhD Arabic



## Scheme of Studies BS Islamic Studies

Semester 1		
ISL-301	Introduction to Topics of Holy Quran-I	3(3-0)
EDU-313	Introduction to Education	3(3-0)
PER-321	Persian Language	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENG-321	Functional English	3(3-0)
STA-322	Introduction to Statistical Theory-I	3(3-0)
Semester 2		
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ISL-304	Introduction to Topics of Holy Quran-II	3(3-0)
ISL-324	Arabic Language-I	3(3-0)
STA-323	Introduction to Statistical Theory-II	3(3-0)
ENG-322	English Comprehension & Composition	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
Semester 3		
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-401	Uloom-ul-Quran	3(3-0)
ENG-421	Communication Skills	3(3-0)
HIS-423	History of Ottoman	3(3-0)
ISL-425	Arabic Language-II	3(3-0)
Semester 4		
ISL-402	History and Compilation of Hadith	3(3-0)
ISL-406	Study of Islamic Fiqh	3(3-0)
POL-406	Introduction to International Relations	3(3-0)
HIS-424	History of Sub-Continent	3(3-0)
ARB-426	Arabic Poetry	3(3-0)
ISL-408	Islamic Literature in English	3(3-0)
Semester 5		
ISL-501	Study of Seerah of Holy Prophet	3(3-0)
ISL-503	History of Tafseer and its Principles	3(3-0)
ISL-505	Textual Study of Al-Quran-I	3(3-0)
ISL-507	Textual Study of Al-Hadith	3(3-0)
ISL-509	Advance Arabic Language	3(3-0)
Semester 6		

ISL-502	Uloom-ul- Hadith	3(3-0)
ISL-504	History of Fiqh	3(3-0)
ISL-506	Textual Study of Al-Quran-II	3(3-0)
ISL-508	Fiqh-Al-Sunnah	3(3-0)
ISL-510	Study of Religions	3(3-0)
ISL-512	Methodology of Research in Islamic Studies	3(3-0)
<b>Semester 7</b>		
ISL-601	Philosophy and Ilm-ul-Kalam	3(3-0)
ISL-603	Usool-ul-Fiqh	3(3-0)
ISL-605	Akhlaq-o-Tasawwuf	3(3-0)
ISL-607	Modern Islamic world: Resources and Problems	3(3-0)
ENG-611	English for Employment	3(3-0)
ISL-609	Al-Dawah-wal-Irshad OR Thesis (ISL-630)	3(3-0)
<b>Semester 8</b>		
ISL-602	Muslim Economical Thoughts	3(3-0)
ISL-604	Objectives and Philosophy of Shariah	3(3-0)
ISL-606	Textual Study of Muslim Family Law	3(3-0)
ISL-608	History of Islamic Culture and Civilization	3(3-0)
ISL-610	Ethics of Disagreement OR Thesis	3(3-0)
* ISL-630	Thesis	6(0-6)
* Two courses from optional OR Thesis		

## MA Islamic Studies

<b>Semester 1</b>		
ISL-501	Study of Seerah of Holy Prophet	3(3-0)
ISL-503	History of Tafseer and its Principles	3(3-0)
ISL-505	Textual Study of Al-Quran-I	3(3-0)
ISL-507	Textual Study of Al-Hadith	3(3-0)
ISL-509	Advance Arabic Language	3(3-0)
<b>Semester 2</b>		
ISL-502	Uloom-ul- Hadith	3(3-0)
ISL-504	History of Fiqh	3(3-0)
ISL-506	Textual Study of Al-Quran-II	3(3-0)
ISL-508	Fiqh-Al-Sunnah	3(3-0)
ISL-510	Study of Religions	3(3-0)
ISL-512	Methodology of Research in Islamic Studies	3(3-0)

<b>Semester 3</b>		
ISL-601	Philosophy and Ilm-ul-Kalam	3(3-0)
ISL-603	Usool-ul-Fiqh	3(3-0)
ISL-605	Akhlaq-o-Tasawwuf	3(3-0)
ISL-607	Modern Islamic world: Resources and Problems	3(3-0)
ENG-611	EFE (English for Employment)	3(3-0)
*ISL-609	Al-Dawah-wal-Irshad OR Thesis	3(3-0)
<b>Semester 4</b>		
ISL-602	Muslim Economical Thoughts	3(3-0)
ISL-604	Objectives and Philosophy of Shariah	3(3-0)
ISL-606	Textual Study of Muslim Family Law	3(3-0)
ISL-608	History of Islamic Culture and Civilization	3(3-0)
*ISL-610	Ethics of Disagreement OR Thesis	3(3-0)
*ISL-630	Thesis	6(0-6)
* Two courses from optional OR Thesis		

## MPhil / PhD Islamic Studies

<b>Core Courses</b>		
*ISL-701	Principles of research and editing	3(3-0)
*ISL-702	Methodological Principles and Foundations of Islamic Studies	3(3-0)
*ISL-703	Quranic Studies	3(3-0)
*ISL-704	Hadith Studies	3(3-0)
*ISL-705	Seerah Writing	3(3-0)
*ISL-706	Sources of Islamic studies	3(3-0)
*ISL-707	Islam and Oriental Research	3(3-0)
*ISL-708	Contemporary Ijtihadi Institutions	3(3-0)
*ISL-709	Muslim Thought of Sub-continent	3(3-0)
*ISL-710	Tasawwuf Studies	3(3-0)
*ISL-711	Studies of Religious Literature	3(3-0)
*ISL-712	Translation Studies	3(3-0)
ISL-713	Research Methods of Social Sciences	3(3-0)
ISL-714	Orientalism and Occidentalism	3(3-0)
ISL-715	Tafsir Methodology	3(3-0)
ISL-716	Methods of Hadith Compilation	3(3-0)
ISL-717	Methods of Seerah Writing	3(3-0)

ISL-718	Research Methods, its scope and Introduction to the topic of Research	3(3-0)
ISL-719	Methods of Ijtihad	3(3-0)
ISL-720	Study of Islamic Literature in English	3(3-0)
ISL-721	Methods of Tasawwuf	3(3-0)
ISL-722	Islam and Contemporary Civilization and Thoughts	3(3-0)
<b>Mandatory Requirements Mphil</b>		
ISL-728	Seminar (General)	1(0-1)
ISL-729	Seminar (Research)	1(0-1)
ISL-730	Thesis	6(0-6)
<b>Mandatory Requirements PhD</b>		
ISL-758	Seminar (General)	1(0-1)
ISL-759	Seminar (Research)	1(0-1)
ISL-760	Thesis	
* Courses for MPhil		

## Scheme of Studies BS Arabic

<b>Semester 1</b>		
ARB-303	Basic Arabic Grammar	3(3-0)
ENG-321	Functional English	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
POL-301	Introduction to Political Science	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
PST-321	Pakistan Studies	2(2-0)
<b>Semester 2</b>		
ARB-310	Functional Arabic (Listening)	3(3-0)
MTH-322	Introduction to Calculus	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ENG-322	English Comprehensive and Composition	3(3-0)
POL-406	Introduction to International Relations	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
<b>Semester 3</b>		
ARB-401	Functional Arabic - I (Speaking)	3(3-0)
PSY-422	Introduction to Psychology	3(3-0)
ISL-501	Study of Seerah of Holy Prophet	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)



ENG-421	Communication Skills	3(3-0)
<b>Semester 4</b>		
ARB-402	Arabic Composition & Dictation	3(3-0)
ARB-404	Applied Grammar	3(3-0)
ARB-406	Functional Arabic - III (Writing)	3(3-0)
PER-507	Pakistani Zubano ka Mutalia	3(3-0)
ISL-608	Akhlaq-o-Tasawaf	3(3-0)
ENG-422	Technical Writing	3(3-0)
<b>Semester 5</b>		
ARB-501	Arabic World	3(3-0)
ARB-503	Hadith Literature	3(3-0)
ARB-505	Quran Literature	3(3-0)
ARB-507	History of Arabic Literature- I (Ancient Period)	3(3-0)
ARB-509	Translation - I (Theory)	3(3-0)
<b>Semester 6</b>		
ARB-502	Translation - II (Practical)	3(3-0)
ARB-504	History of Arabic	3(3-0)
ARB-506	Language History of Arabic Literature - II	3(3-0)
ARB-508	Classical Arabic Prose	3(3-0)
ARB-510	Modern Arabic Prose	3(3-0)
ARB-512	Classical Arabic Poetry	3(3-0)
<b>Semester 7</b>		
ARB-601	Criticism	3(3-0)
ARB-603	Introduction to Linguistics	3(3-0)
ARB-605	Modern Arabic Poetry	3(3-0)
ARB-607	Methodology of Research in Arabic	3(3-0)
ARB-609	Comparative Literature	3(3-0)
ARB-611	Rhetoric & Prosody	3(3-0)
<b>Semester 8</b>		
ARB-630	Thesis	6(0-6)
ARB-604	Arabic Literature in the subcontinent	3(3-0)
ARB-606	Arabic Media	3(3-0)
ARB-608	Arabic Literature in Spain	3(3-0)

## MA Arabic

<b>Semester 1</b>		
ARB-551	Applied Morphology	3(3-0)
ARB-553	Written & Spoken Arabic	3(3-0)
ARB-555	Literary History of Arabs (I)	3(3-0)
ARB-557	Arabic Prose	3(3-0)
ARB-663	Islamic and Literary sources	3(3-0)
ARB-651	Functional Arabic-I	3(3-0)
<b>Semester 2</b>		
ARB-552	Applied Syntax	3(3-0)
ARB-554	Functional Arabic-II	3(3-0)
ARB-556	Literary History of Arabic II	3(3-0)
ARB-558	Arabic Prose II	3(3-0)
ARB-560	Principles of translation	3(3-0)
ARB-562	Arabic Poetry-(I)	3(3-0)
<b>Semester 3</b>		
ARB-651	Literary Study of Al-Quran	3(3-0)
ARB-653	Basics of Research Methodology & Editing	3(3-0)
ARB-655	Study of electronic and print media	3(3-0)
ARB-661	Arabic Poetry-II	3(3-0)
ARB-657	Study of Arabian world & its Culture	3(3-0)
ARB-659	Arabic Literature of Andalusia & Migrants	3(3-0)
<b>Semester 4</b>		
ARB-652	Literary Study of Al- Hadith	3(3-0)
ARB-654	Contemporary Arabic Literature	3(3-0)
ARB-656	History of Literary Criticism	3(3-0)
ARB-658	Arabic Literature in sub Continent	3(3-0)
ARB-663	History of Islam (Option I for non researchers)	3(3-0)
ARB-660	Linguistic (Option II for non researchers)	3(3-0)
ARB-680	Thesis	6(0-6)
Student will take Two optional subjects OR Thesis		

## MPhil / PhD Arabic

ARB-701	Methodology of research and editing	3(3-0)
ARB-702	Art of Translation	3(3-0)
ARB-703	Comparative Literature	3(3-0)
ARB-704	Arabic Rhetoric	3(3-0)
ARB-705	literary Criticism (ancient & modern)	3(3-0)
ARB-706	Arabic legacy in Pakistan	3(3-0)
ARB-707	Study of Primary Sources of Arabic Literature	3(3-0)
ARB-708	Methods of Literary Study	3(3-0)
ARB-710	Prosody	3(3-0)
ARB-711	Literary branches and their development	3(3-0)
ARB-731	Phonetics	3(3-0)
ARB-732	Contemporary Arabic literature	3(3-0)
ARB-733	Arabic Media	3(3-0)
ARB-734	New Trends in Arabic Literature	3(3-0)
ARB-735	Area Study	3(3-0)
ARB-736	Arabic rhetoric	3(3-0)
ARB-737	Contemporary critical school of thought	3(3-0)
ARB-738	Contemporary lingual issues	3(3-0)
<b>Mandatory Requirements Mphil</b>		
ARB-728	Seminar (General)	1(0-1)
ARB-729	Seminar (Research)	1(0-1)
ARB-730	Thesis	6(0-6)
<b>Mandatory Requirements PhD</b>		
ARB-758	Seminar (General)	1(0-1)
ARB-759	Seminar (Research)	1(0-1)
ARB-760	Thesis	



## Department of Persian

Phone: 041-9200672  
Email: persian@gcuf.edu.pk



### Programs Offered

1. BS Persian
2. MA Persian
3. MPhil Persian
4. Diploma in Persian (6 Months)



### Vission

To promote and spread Persian language that can act as a bridge between two countries Pakistan and Iran.

### Mission

To revive the glory of Persian language which is a store house of immense literary and philosophical literature.

### Introduction

Persian is spoken by 120 million people not just in Iran, but also in Afghanistan and Central Asia. Learning Persian language is not only a source of developing our relations with Iran, Afghanistan, Tajikistan and other Persian regional countries but also helps in fully understanding Urdu language, literature and Allama Iqbal's poetry. In addition, a great treasure of religious books is in Persian language and many other have been translated in Persian language. These books are an authority in religious and religious teachings too. The department of Persian is newly established in GCUF with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with particular emphasis on the literature produced in the Indo-Pak subcontinent during the last nine centuries, and to familiarize the younger generation of this country with the history, language and literature of Iran. Students of this Department continue to enter a variety of vocational fields, some of which are CSS, Advertising, Media, Banking, Business, Translation /Interpreting, Teaching, Educational Administration & Research, News agencies, Foreign Ministry, Central Asia Trading etc.

### Faculty

#### Dr. Sami Ullah

Assistant Professor  
PhD Persian (Tehran)

Specialization: Critical Editing, Criticism, Research, Translation, Rhetoric.

#### Ms. Sania Bashir

Lecturer (Visiting)  
MPhil Persian (Punjab)





## Scheme of Studies BS Persian

Semester 1		
PER-301	Farsi Nasam o Naser aur Dastoor	3(3-0)
PER-303	Farsi Nazar o Naser aur Alam e bayan	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
MTH-321	Algebra and Trigonometry	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
Semester 2		
PER-302	Farsi Nazar o Naser aur Dastoor e Farsi	3(3-0)
PER-304	Farsi Nazar o Naser aur Alam e Badi	3(3-0)
ENG-322	English Comprehensive and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ARB-310	Functional Arabic	3(3-0)
Semester 3		
PER-401	Iran mein classical farsi naser k irtaqa ka tanqadi jaiza	3(3-0)
PER-403	Iran mein classical farsi Shair ka irtaqa	3(3-0)
PER-405	Iranology	3(3-0)
PER-407	Iqbaliat	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ENG-421	Communications Skills	3(3-0)
Semester 4		
PER-402	Dastoor pysharafty zuban e Farsi	3(3-0)
PER-404	( Tarjma ) urdu abarat ka Farsi mein tarjma	3(3-0)
PER-406	Barsageer mein Iran mein classical farsi naser k irtaqa ka tanqadi jaiza	3(3-0)
PER-408	Urdu aur Farsi k Lissani Rawabit	3(3-0)
PER-410	Irfani Matan	3(3-0)
Semester 5		
PER-501	Barsageer mein Iran mein classical farsi shairy ka irtaqa	3(3-0)
PER-503	Alam e bayan wa baddi wa maini	3(3-0)
PER-505	Tahqeq o naqid adabi	3(3-0)
PER-507	Pakistani Zubano ka Mutalia	3(3-0)
PER-509	Maktoobat-e-Imam Rabbani	3(3-0)

Semester 6		
PER-502	Iran mein farsi adab ky irtqa ka tanqdi jaiza	3(3-0)
PER-504	Iran mein tasswaf ky irtqa ka tanqdi jaiza	3(3-0)
PER-506	Jadeed Farsi naser k irtaqa ka tanqadi jaiza	3(3-0)
PER-508	Farsi Ghuftari	3(3-0)
PER-510	Sabaq Shanasi	3(3-0)
PER-512	Persian Literature in Punjab	3(3-0)
Semester 7		
PER-601	Barsageer mein tassawaf ka irtaqa	3(3-0)
PER-603	Jadeed Farsi shair k irtaqa ka tanqadi jaiza	3(3-0)
PER-605	Barsageer mein Farsi adab ky irtaqa ka tanqadi jaiza	3(3-0)
PER-607	Criticism	3(3-0)
PER-609	Persian Research Methodology	3(3-0)
PER-611	Comparative Study of Persian and Urdu Literature	3(3-0)
Semester 8		
PER-602	Mysticism	3(3-0)
PER-604	Rhetoric	3(3-0)
PER-630	Tahqeeqi Maqala	6 (0-6)

## MA Persian

Semester 1		
PER-551	Classical Prose-I	3(3-0)
PER-553	Classical Poetry –I	3(3-0)
PER-555	Literary History of Persia-I	3(3-0)
PER-557	Literary History of Indo-Pak-I	3(3-0)
PER-559	Iranology-I	3(3-0)
PER-561	Persian Grammar-I	3(3-0)
PER-563	Linguistics	3(3-0)
Semester 2		
PER-552	Classical Prose-II	3(3-0)
PER-554	Classical Poetry-II	3(3-0)
PER-556	Literary History of Persia-II	3(3-0)
PER-558	Literary History of Indo-Pak-II	3(3-0)
PER-550	Iranology-II	3(3-0)
PER-552	Persian Grammar-II	3(3-0)
PER-554	Persian Literature in Punjab	3(3-0)

PER-556	Religious Literature	3(3-0)
Semester 3		
PER-651	Modern Persian Literature-I	3(3-0)
PER-653	Iqbaliat-I	3(3-0)
PER-655	Mysticism-I	3(3-0)
PER-657	Comparative Study of Persian and Urdu Literature	3(3-0)
PER-659	Persian Research Methodology	3(3-0)
PER-661	Persian Manuscript Studies	3(3-0)
PER-663	Rhetoric	3(3-0)
Semester 4		
PER-652	Modern Persian Literature-II	3(3-0)
PER-654	Iqbaliat-II	3(3-0)
PER-656	Mysticism-II	3(3-0)
PER-658	Criticism	3(3-0)
PER-660	Persian Literary Sources	3(3-0)
PER-662	Comparative Study of Arabic and Persian Literature	3(3-0)
PER-664	Translation and Spoken Persian	3(3-0)

## MPhil Persian

PER-711	Literary History of Persia	3(3-0)
PER-712	Classical & Modern Prose	3(3-0)
PER-713	Iqbaliyat	3(3-0)
PER-714	Research Methodology	3(3-0)
PER-715	Rhetoric, Translation & Spoken Persian	3(3-0)
PER-716	Historiography	3(3-0)
PER-721	Literary History of Sub-Continent	3(3-0)
PER-722	Classical & Modern Poetry	3(3-0)
PER-723	Persian Literary Criticism	3(3-0)
PER-724	Mysticism	3(3-0)
PER-725	Iranology	3(3-0)
PER-726	Linguistics	3(3-0)
Mandatory Requirements for MPhil		
PER-728	Seminar (General)	1(0-1)
PER-729	Seminar (Research)	1(0-1)
PER-730	Tahqeeqi Maqala	6(0-6)

## Department of Punjabi

Phone: 041-9200672

Email: punjabi@gcuf.edu.pk



### Vision

Our vision is to establish Punjabi Language, Literature and history as one of the oldest and richest literatures of the world favorably comparative with the literatures in other languages.

### Mission

The mission of the department of Punjabi is to promote Punjabi language and literature and highlight its rich history and diversity. Punjabi is a language of Sufis which imbibes the culture and values of its people. The department aspires to restore the Punjabi language and literature to its rightful place in academia and society.

### Introduction

Punjabi is the language of millions of people of Punjab and a means of communication through which they perform and execute the business of their daily life. For centuries Punjabi has been a medium of expression of the saints and other great poets of this region. Therefore the structure of the Punjabi classical poetry is erected on the foundations of mysticism and high moral values. The great mystics like Baba Fareed Gunj Shakkar, Shah Hussain, Sultan Bahoo, Syed Bulhey Shah, Ali Haider, Syed Hashmin Shah, Syed Waris Shah, Maulvi Ghulam Rasool, Mian Muhammad Bukhsh and Khwaja Ghulam Fareed presentd their striking ideas in Punjabi poetic form for the worldly as well as the religious guidance of the people. Punjabi language does not only reflect the realities and attitudes of life but is also a great source of social, cultural and historical identity.

### Faculty

#### Dr. Fayyaz Hussain

PhD

Assistant Professor/ Incharge  
Specialization:Prose & Poetry

#### Dr. Asma Ghulam Rasool

PhD

Assistant Professor  
Specialization:Prose & Poetry

#### Dr. Sobia Aslam

Ph.D

Assistant Professor  
Specialization: Prose& Poetry

### Programs Offered

1. BS Punjabi
2. MA Punjabi
3. MPhil Punjabi

Coordinator: Dr. Fayaz Hussain



## Scheme of Studies BS Punjabi

Semester 1		
PUN-301	Punjabi Bool Chaal	3(3-0)
PUN-303	Punjabi di Jadeed Nasar	3(3-0)
ENG-321	Functional English	3(3-0)
ISLA-321	Islamic Studies/ Ethics	2(2-0)
MTH-321	Mathematics-1	3(3-0)
POL-406	Introduction of International Politics	3(3-0)
Semester 2		
PUN-302	Punjabi Look Adab	3(3-0)
PUN-304	Punjabi Perrhai Likhai	3(3-0)
PUN-306	Sandal Bar da Nasri Adab	3(3-0)
PUN-308	Sandal bar da Sheri Adab	3(3-0)
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pakistan studies	2(2-0)
PER-408	Farsi Adab ki Rawait	3(3-0)
Semester 3		
PUN-401	Punjabi Immla tay Grammar	3(3-0)
PUN-403	Classicy Shairy tay Tassawaf	3(3-0)
ENG-421	Communication Skills	3(3-0)
ECO-480	Issues in Pakistan Economy	3(3-0)
CSI-321	Introduction to Computing Application	3(2-1)
Semester 4		
PUN-402	Jadeed Chonwan Punjab Adab	3(3-0)
PUN-404	Punjabi di Rizmiya Shairy	3(3-0)
URD-701	Urdu Adab	3(3-0)
HIS-416	Geografi Aloom	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
Semester 5		
PUN-501	Adbi Sinfan	3(3-0)
PUN-503	Qadeem Chonwan Punjabi Adab	3(3-0)
PUN-505	Nazri Tanqeed	3(3-0)
PUN-507	Jadeed Shairy	3(3-0)
PUN-509	Dastani Adab	3(3-0)
PUN-511	Punjabi Da Deeni tay Seerati Adab	3(3-0)
Semester 6		

PUN-502	Fun e Tarjma	3(3-0)
PUN-504	Gurmukhi: Parrhai Likhai	3(3-0)
PUN-506	Punjabi Adab di Tareekh (I)	3(3-0)
PUN-508	Qadeem Punjabi Nasar	3(3-0)
PUN-510	Amlri Tanqeed	3(3-0)
PUN-512	Chonwan Look Sinfan	3(3-0)
Semester 7		
PUN-601	War, Jang Nama	3(3-0)
PUN-603	Asool Tahqeeq	3(3-0)
PUN-605	Punjabi Lisaniat	3(3-0)
PUN-607	Look Geet	3(3-0)
PUN-609	Punjabi Adab di Tareekh (II)	3(3-0)
Semester 8		
PUN-602	Punjabi Lughat Navesi	3(3-0)
PUN-604	Pakistani Zaban Da Adab	3(3-0)
PUN-606	Punjabi Sahafat	3(3-0)
*PUN-608	Hath Likhay tay Rasmul Khat	3(3-0)
*PUN-610	Hindustan da Punjabi Adab	3(3-0)
PUN-630	Thesis	6(0-6)

Those student who will take thesis will not read course Code PUN-608 and PUN-610

## MA Punjabi

Semester 1		
PUN-501	Adbi Sinfan	3(3-0)
PUN-503	Qadeem Chonwan Punjabi Adab	3(3-0)
PUN-505	Nazri Tanqeed	3(3-0)
PUN-507	Jadeed Shairy	3(3-0)
PUN-509	Dastani Adab	3(3-0)
PUN-511	Punjabi Da Deeni tay Seerati Adab	3(3-0)
Semester 2		
PUN-502	Fun e Tarjma	3(3-0)
PUN-504	Gurmukhi: Parrhai Likhai	3(3-0)
PUN-506	Punjabi Adab di Tareekh (I)	3(3-0)
PUN-508	Qadeem Punjabi Nasar	3(3-0)
PUN-510	Amlri Tanqeed	3(3-0)
PUN-512	Chonwan Look Sinfan	3(3-0)

Semester 3		
PUN-601	War, Jang Nama	3(3-0)
PUN-603	Asool Tahqeeq	3(3-0)
PUN-605	Punjabi Lisaniat	3(3-0)
PUN-607	Look Geet	3(3-0)
PUN-609	Punjabi Adab di Tareekh (II)	3(3-0)
Semester 4		
PUN-602	Punjabi Lughat Navesi	3(3-0)
PUN-604	Pakistani Zaban Da Adab	3(3-0)
PUN-606	Punjabi Sahafat	3(3-0)
*PUN-608	Hath Likhay tay Rasmul Khat	3(3-0)
*PUN-610	Hindustan da Punjabi Adab	3(3-0)
PUN-630	Thesis	6(0-6)

Those student who will take thesis will not read course Code PUN-608 and PUN-610

## MPhil Punjabi

PUN-701	Tehqiq day asool tay soomay	3(3-0)
PUN-702	Sodhkari tay Ehday Asool	3(3-0)
PUN-703	Faarsi Grammer tay Zuban	3(3-0)
PUN-704	Hath Likhay, Rasmul Khat, Gurmukhi	3(3-0)
PUN-705	Punjabi Zuban di Grammer tay jarran	3(3-0)
PUN-706	Punjabi Lisaniat/Punjabi Sotiat	3(3-0)
PUN-707	Punjabi wih Tanqeed	3(3-0)
PUN-708	Punjabi Adab wih Tarjumay di rawaiat	3(3-0)
Mandatory Requirement for MPhil		
PUN-730	Tehqiqi Maqala	6(0-6)





## Department of Urdu

Phone: 041-9200672  
Email: urdu@gcuf.edu.pk



### Vision

The Department of Urdu has greatly contributed in the promotion and development of Urdu language and literature since its birth in 1963. The Department started M.Phil and Ph.D Programmers in 2004 and 2009 respectively.

### Mission

Urdu language has become a craze all over the world and it has connected us with the literary tradition and great works of cross cultural literary studies plus new critical theories, prevalent in the modern literature. This vision of the Department is being worked upon by implementing that frames of policies guide us to this direction.

### Introduction

The department of Urdu in GC-University, Faisalabad was established in 1963 at post graduate level and very illuminating teacher Mr. Manzoor Hussain Shoar became its first chairman and academic leader. After attaining the status of University, Professor Ishfaq Hussain Bukhari became the first Chairman of the department of Urdu. The department introduced its M.Phil programme in addition to its regular master programme. The M.Phil programme was started on 2004 and Ph.D. programme started on 2009.

The department has recently started B.S Urdu four years' programmes in 2010. The Department has designed various new courses, like, Computer Literacy, translation, communication skills, script writing Diploma Daftri Urdu. The department is making every effort to encourage and nourish creative talent as well as research aptitude of students. A Journal of Research 'Zuban-o-Adab' is being published by the department according to the parameters of HEC. Biannual literary magazine of the

department reflects also its endeavor to develop creative talents of our youth. The department of Urdu has also launched a newsletter by the name "Nawa-e-Urdu". Nawa-e-Urdu is actually monthly Khabar Nama of Urdu department.

Since 2006 the department has been publishing its Research Journal "Zuban-o-Adab" which has got wide recognition and approved by HEC in 2011. In order to have better introduction the Department has National & International Conferences and Seminars as under:

- 1- First International Urdu Conference "Urdu Tehqiq-o-Tanqeed Aalmi Tanazur Mein" held on 29th to 31st August 2006.
- 2- International Seminar on the topic of "QaumiTashkhus Main Zabano-AdabAurSaqafatkakirdar" held on March 7, 2008.
- 3- International Seminar Ghalib held on March 27, 2008,
- 4- National Seminar on Faiz Ahmed Faiz held on February 16, 2009.
- 5- Faiz Ahmed Faiz International Conference on 3 November, 2011.
- 6- AllamaIqbal International Conference 28 to 30 November, 2012.
- 7- One dayIqbal national seminar on 27-11-2014
- 8- One day MajeedAmjid national seminar on 11-12-14
- 9- One day Faiz Ahmad Faiz national seminar on 27-02-2015
- 10- Two literary originations, QalamQirtas, and Naqdo-o- Nazar are formed for the development of literary names.

Urdu has become a craze all over the world and it has connected us with the literary tradition and great works of cross cultural literary studies plus new critical theories, prevalent in the modern literature. This vision of the Department is being worked upon by implementing that frame of policies which guide us to this direction.

### Programs Offered

1. BS Urdu
2. MA Urdu
3. MPhil Urdu
4. PhD Urdu

Chairman: Prof. Dr. Muhammad Asif Awan



## Faculty

### Dr. Muhammad Asif Awan

M.A Urdu (Gold Medalist), M.Phil. ,Ph.D

Chairman / Professor

Specialization: Iqbal Studies & Criticism, Modern Criticism, prose

### Dr. Perveen Akhtar Kallu

M.Phil, Ph.D

Associate Professor

Specialization: Research and Fiction ranslation, Punjabi Language & Literature

### Dr. Rabia Sarfraz

M.Phil, Ph.D

Associate Professor

Specialization: Translation, Iqbal studies, Criticism

### Dr. Saeed Ahmad

M.Phil, Ph.D

Associate Professor

Specialization: Criticism, Classical & Modern Poetry

### Dr. Tariq Mehmood Hashmi

M.Phil ,Ph.D

Assistant Professor (TTS)

Specialization: Criticism of Poetry & Modern Trends

### Dr. Afzal Hameed

M.Phil, Ph.D

Associate Professor

Specialization: Iqbal Studies, Fiction & Modren Poetry

### Dr. Mamuna Subhani

M.Phil, Ph.D

Assistant Professor

Specialization: Research & Fiction

### Dr. Zafar Hussain Harral

M.Phil, Ph.D

Assistant Professor (TTS)

Specialization: Modern Criticism & Fiction

### Dr. Sumaira Akbar

M.A, M.Phil, Ph.D

Assistant Professor(OPS)

Specialization: Modern Criticism & Fiction

### Majid Mushtaq

M.A(Urdu, Education, Pol Science), M.Phil, Ph.D (Scholar)

Lecturer

Specialization: Translation ,Fiction & Poetry

### Hafiz Abdul Aziz

M.Phil,Ph.D (Scholar)

Lecturer

Specialization: Modern Criticism, Fiction & Editing

### Saima Iqbal

M.A Urdu (Gold Medalist), M.Phil, Ph.D (Scholar)

Lecturer

Specialization: Modern Criticism, Fiction & Editing

## Scheme of Studies

### BS Urdu

Semester 1		
ENG-321	English-1	3(3-0)
PST-321	Pakistan studies	2(2-0)
MTH-321	Math	3(3-0)
*PSY-321	Psychology	3(3-0)
*SOC-307	Sociology	3(3-0)
*ECO-408	Economics	3(3-0)
URD-301	Urdu Zaban: Tashkil-O-Ertiqa	3(3-0)
	*Any Two from optional	
Semester 2		
ENG-322	English II	3(3-0)
ISL-321	Islamiyat	3(3-0)
STA-321	Statistics	3(3-0)
*URD-306	Falsafa	3(3-0)
*URD-308	Muslim Tehzeeb-O-Saqafat	3(3-0)
*EDU-321	Education	3(3-0)
URD-302	Shairy Asnaf: Taaruf Aur Tafheem-I	3(3-0)
	*Any Two from optional	
Semester 3		
URD-421	Urdu sahafat aagaz o irtaqa	3(3-0)
CSI-321	Computer ka ilam-I	3(3-0)
*HIS-422	History	3(3-0)
*HIS-423	Pakistan: Sayasi tareekh	3(3-0)

*PER-408	Urdu aur farsi kay lisani ravabat	3(3-0)
*SOC-424	Basharyat	3(3-0)
URD-403	Shairy Asnaf: Taaruf Aur Tafheem-II	3(3-0)
	*Any Two from optional	
Semester 4		
CSI-422	Computer ka ilam II	3(3-0)
*PUN-414	Punjabi Zuban o Adab	3(3-0)
*GEO-416	Geographia Alam	3(3-0)
*NSC-425	Fitri aalom: Taarufi Mutalia	3(3-0)
*ENV-408	Maholiyat	3(3-0)
URD-401	Nasri Asnaf:Taaruf aur Tafheen - I	3(3-0)
URD-404	Tahreer o Insha(Amli tarbeat)	3(3-0)
	*Any Two from optional	
Semester 5		
URD-501	Urdu dastan aur nawal: fikri aru fanni mubahas	3(3-0)
URD-505	Classiki urdu ghazal ka fikri o fanni mutalia	3(3-0)
URD-503	Tareekh I adab urdu aur adbi tahrekain	3(3-0)
URD-507	Tanqeed: Mashrqi naqdeen aur Amli mashaq	3(3-0)
URD-508	Urdu zuban Quaid o Imla	3(3-0)
Semester 6		
URD-502	Urdu afsana aur drama: Fikri o fanni mutalia	3(3-0)
URD-504	Jadeed Urdu Ghazal	3(3-0)
URD-506	Urdu Nazm: Fikri o fanni mutalia	3(3-0)
URD-509	Urdu Nnasr kay Asaleeb	3(3-0)
URD-510	Bayan o Bade o Arooz	3(3-0)
URD-511	Tanqeed bunyadi mubahis, dabistan aur magarbi naqdeen	3(3-0)
Semester 7		
*URD-604	Aalmi classic	3(3-0)
*URD-605	Urdu Fiction main tareekhi o tahzeebi shour	3(3-0)
*URD-606	Naat navesi ka fan aur urdu main lughat navesi ki rawaet	3(3-0)
URD-607	Urdu adab ka taneesi mutalia	3(3-0)
*URD-608	Ghalib ki takhliqi o fikri jihat	3(3-0)
*URD-609	Maaser shairi adab	3(3-0)
URD-601	Lisaniyat	3(3-0)
URD-603	Asool I tahqeeq o tadveen	3(3-0)

URD-660	Research work	3(3-0)
	*Any Two from optional	
<b>Semester 8</b>		
*URD-612	Aadab aur samaji aalom	3(3-0)
*URD-613	Abad aur ablagiat	3(3-0)
*URD-614	Farooq I Urdu kay iham idary	3(3-0)
*URD-615	Urdu adab ka mabaad no abadiati mutalia	3(3-0)
*URD-616	Sir Syed ki fikri jahat	3(3-0)
*URD-617	Maaser Nasri adab	3(3-0)
URD-660	Research work	3(3-0)
URD-610	Nay tanqeedi mabahis	3(3-0)
URD-611	Iqbal ka khasoosi mutalia (Fikri o fanni aur tashreehi matan)	3(3-0)
	*Any Two from optional	

## MA Urdu

<b>Semester 1</b>		
URD-501	Urdu dastan aur nawal: fikri aru fanni mubahas	3(3-0)
URD-505	Classiki urdu ghazal ka fikri o fanni mutalia	3(3-0)
URD-503	Tareekh I adab urdu aur adbi tahrekain	3(3-0)
URD-507	Tanqeed: Mashrqi naqdeen aur AmlI mashaq	3(3-0)
URD-508	Urdu zuban Quaid o Imla	3(3-0)
<b>Semester 2</b>		
URD-502	Urdu afsana aur drama: Fikri o fanni mutalia	3(3-0)
URD-504	Jadeed Urdu Ghazal	3(3-0)
URD-506	Urdu nazm: Fikri o fanni mutalia	3(3-0)
URD-509	Urdu nasr kay asaleeb	3(3-0)
URD-510	Bayan o Bade o Arooz	3(3-0)
URD-511	Tanqeed bunyadi mubahas, dabistan aur magarbi naqdeen	3(3-0)
<b>Semester 3</b>		
*URD-604	Aalmi classic	3(3-0)
*URD-605	Urdu Fiction main tareekhi o tahzeebi shour	3(3-0)
*URD-606	Naat navesi ka fan aur urdu main lughat navesi ki rawaet	3(3-0)
URD-607	Urdu adab ka taneesi mutalia	3(3-0)
*URD-608	Ghalib ki takhliqi o fikri jihat	3(3-0)

*URD-609	Maaser shairi adab	3(3-0)
URD-601	Lisaniat	3(3-0)
URD-603	Asool I tahqeeq o tadveen	3(3-0)
URD-660	Research work	3(3-0)
	*Any Two from optional	
<b>Semester 4</b>		
*URD-612	Aadab aur samaji aalom	3(3-0)
*URD-613	Abad aur ablagiat	3(3-0)
*URD-614	Farooq I Urdu kay iham idary	3(3-0)
*URD-615	Urdu adab ka mabaad no abadiati mutalia	3(3-0)
*URD-616	Sir Syed ki fikri jahat	3(3-0)
*URD-617	Maaser Nasri adab	3(3-0)
URD-660	Research work	3(3-0)
URD-610	Nay tanqeedi mabahis	3(3-0)
URD-611	Iqbal ka khasoosi mutalia (Fikri o fanni aur tashreehi matan)	3(3-0)
	*Any Two from optional	

## MPhil / PhD Urdu

<b>M.Phil Courses</b>		
URD-701	Asool-E-Tehqeeq-O-Tadveen	3(3-0)
URD-702	Iqbaliat	3(3-0)
URD-703	Lisaniat	3(3-0)
URD-704	Terjima Asool-O- Masail	3(3-0)
URD-705	Tanqeed Aur AmlI Tanqeed	3(3-0)
URD-706	Jadeed Tanqeed	3(3-0)
URD-707	Ilm-E-Mani, Bian, Badeh, Arooz	3(3-0)
URD-708	Farsi Zaban-O-Adab Ka Mutala	3(3-0)
PER-709	Pakistani Media Taaruf-O-Irtiqa	3(3-0)
URD-710	Arbi Zaban-O-Adab	
<b>PhD Courses</b>		
URD-711	Tehqeed K Almi Rujhanat Aur Urdu Tehqeeq Ma Un Ka Istemal	3(3-0)
URD-712	Fikri Mubahis: Janoobi Asia Aur Urdu Zaban-O- Adab Per Un K Asrat	3(3-0)
URD-713	Urdu Zaban-O-Adab Per Un Ka Mahol: Lisani-O-Saqafti Mubahis	3(3-0)
URD-714	Tehqiqi Meyar K Masail	3(3-0)

URD-715	Taqabli Tehqiqat: Meyari Tadveen K Misali Namooone	3(3-0)
URD-716	Urdu Adabi Jaraid	2(2-0)
URD-717	taqabli Mutale: Urdu, Arabi, Farsi, Angrezi Adbiat	2(2-0)
PER-718	Jadeed Urdu Ghazal	2(2-0)
URD-719	Jadeed Urdu Nazm	2(2-0)
URD-720	Jadeed Urdu Tanqeed	2(2-0)
URD-721	Jadeed Urdu Afsana	2(2-0)
URD-722	Jadeed Urdu Novel	2(2-0)
URD-723	Lisaaniyat	2(2-0)
URD-724	Muntkhab Matoon Nazm-O- Nasar: Tafheem-O-Tadveen	2(2-0)
<b>Mandatory Requirements for MPhil</b>		
URD-728	Seminar (General)	1(0-1)
URD-729	Seminar (Research)	1(0-1)
URD-730	Thesis	6(0-6)
<b>Mandatory Requirements for PhD</b>		
URD-758	Seminar (General)	1(0-1)
URD-759	Seminar (Research)	1(0-1)
URD-760	Thesis	---



## Faculty of Economics & Management Sciences

1. College of Commerce
2. Department of Economics
3. Lyallpur Business School (LBS)
4. Department of Public Administration



### Prof. Dr. Hazoor Muhammad Sabir Dean

Ph: 041-9200431

Email: [hmsabir@gcuf.edu.pk](mailto:hmsabir@gcuf.edu.pk)

Prof. Dr. Hazoor Muhammad Sabir, Dean, Faculty of Management & Administrative Sciences, started his career in 1990 as Research Officer in University of Agriculture, Faisalabad. Worked as Head of the Department of Business Administration, University of Faisalabad, then served Government College University, Faisalabad as Principal, College of Management & Administrative Sciences, Lastly promoted to the position of Dean, Faculty of Management & Administrative Sciences. As an approved supervisor of HEC, has produced so many MPhil / MS and PhD scholars in the disciplines of Economics, Business and Finance.

## College of Commerce

Phone: 041-9203019  
Email: commerce@gcuf.edu.pk  
khalidlatif@gcuf.edu.pk

### Programs Offered

1. BS Commerce
2. BS Accounting & Finance
3. M.Com.
4. MPhil Commerce

Incharge: Dr. Khalid Latif



### Introduction:

Government College University, Faisalabad is located in the heart of Faisalabad which is a large industrial and commercial hub. To address the requirements of industry, College of Commerce is offering BS Commerce, M. Com, and MPhil Commerce programs in accordance with the HEC policies. To equip our students with contemporary business and employment opportunities as linked with the CPEC, College of Commerce is launching new academic programs, BS (Accounting & Finance) and MSc. (Accounting & Finance). Our programs are structured on team based interactive learning, class room lectures, presentations, case studies, field visits, and research reports.

### Vision

To generate commerce professionals with strong theoretical and practical knowledge of the field and to enable them to be successful managers for both public and private sectors.

### Mission

Commerce is the backbone of any business concern in today's world of cut throat competition in the volatile business environment, the role of commerce professionals has become highly demanding and challenging. The College aims to promote research in business and market to predict the emerging business trends thus ensuring a meaningful contribution to the Pakistani economy.

### Faculty

#### Dr. Khalid Latif

Assistant Professor/Teacher Incharge  
PhD. (Finance) IUI  
(HEC Approved PhD Supervisor)  
Specialization: Accounting & Finance.

#### Dr. Nadeem Sohail

Associate Professor/Director Students Affairs  
PhD. (Economics) UOS  
Specialization: Financial Economics

#### Dr. Khurram Ashfaq

Assistant Professor  
PhD. (Accounting), China  
(HEC Approved PhD Supervisor)  
Specialization: Accounting & Finance.

#### Dr. Raheel Mumtaz

Assistant Professor (OPS)  
PhD (Finance), COMSATS  
Specialization: Finance

#### Ms. Sabeen Masood

Lecturer  
MS Business Administration, NUML  
Specialization: Human Resource Management

#### Mian Muhammad Niaz Shakir

Lecturer  
M.Phil. in Management Sciences, LLU  
Specialization: Management

**Dr. Quaisar Ijaz Khan**

Lecturer  
PhD (HRM), Malaysia  
Specialization: Human Resource Management

**Mr. Sanaullah**

Lecturer  
MS in Management Sciences, NUML  
PIPFA, APA, LLB.  
Specialization: Law & Management

**Mr. Muhammad Adnan Afzal**

Lecturer  
M.Phil. in Commerce and Finance  
Specialization: Accounting & Finance

**Dr. Muhammad Farooq Rehan**

Lecturer  
PhD (Business Administration), Germany  
Specialization: Entrepreneurship

**Mr. Khalid Hussain**

Lecturer (On Study Leave)  
PhD Scholar, HCC  
Specialization: Accounting & Finance

**Mr. Gohar Mahmood**

Lecturer  
MPhil Commerce, BZU  
Specialization: Accounting & Finance

**Mr. Shoaib Masood Khan**

Lecturer (On Study Leave)  
PhD Scholar, BZU  
Specialization: Finance

**Ms. Khadija Zulfiquar**

Lecturer  
M.Phil. Economics, UAF  
Specialization: Economics

**Mr. Nasir Abbas**

Lecturer  
MS Business Administration, NUML  
Specialization: Finance

## Scheme of Studies

### BS Commerce

Semester 1		
COM-301	Principles of Accounting	3(3-0)
COM-303	Introduction to Business	3(3-0)
ECO-301	Principals of Micro Economics	3(3-0)
ENG-321	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-306	Business Mathematics	3(3-0)
Semester 2		
COM-302	Financial Accounting	3(3-0)
COM-304	Computer Applications in Business	3(3-0)
ECO-302	Principals of Macro Economics	3(3-0)
ENG-421	Business Communication Skills	3(3-0)
STA-322	Introduction to Statistical Theory I	3(3-0)
ISL-321	Islamic Studies / Ethics	2(2-0)
Semester 3		
COM-401	Advanced Accounting-I	3(3-0)
COM-403	Business Law	3(3-0)
COM-405	Introduction to Business Finance	3(3-0)
PSY-421	Business Psychology	3(3-0)
COM-409	Logic and Critical Thinking	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
Semester 4		
COM-402	Advanced Accounting-II	3(3-0)
COM-406	Cost Accounting	3(3-0)
COM-514	Principles of Auditing	3(3-0)
ENG-422	Technical Writing	3(3-0)
SOC-521	Business Sociology	3(3-0)
STA-323	Introduction to Statistical Theory II	3(3-0)
Semester 5		
MGT-401	Principles of Management	3(3-0)
FIN-501	Financial Management	3(3-0)
MGT-504	Research Methods in Business	3(3-0)
COM-509	Business Ethics and CSR	3(3-0)
COM-511	Leadership and Community Development	3(3-0)
ECO-512	Managerial Economics	3(3-0)

Semester 6		
COM-506	Managerial Accounting	3(3-0)
MGT-404	Human Resource Management	3(3-0)
MKT-401	Principles of Marketing	3(3-0)
COM-414	Accounting Information System	3(3-0)
COM-518	Corporate Law and Secretarial Practices	3(3-0)
FIN-619	Corporate Governance	3(3-0)
Semester 7		
MGT-602	Strategic Management	3(3-0)
COM-603	Business Taxation	3(3-0)
COM-605	E-Commerce	3(3-0)
COM-	Elective-1	3(3-0)
COM-	Elective-2	3(3-0)
Semester 8		
MGT-710	Entrepreneurship and SME Management	3(3-0)
COM-604	International Business	3(3-0)
COM-	Elective-3	3(3-0)
COM-	Elective-4	3(3-0)
COM-631	Internship and Viva Voce along with a course	6(0-6)
COM-732	(3+3)/Project and Viva Voce	6(0-6)
Field of Specialization		
Accounting		
COM-611	Financial Reporting	3(3-0)
COM-612	Industrial Accounting	3(3-0)
COM-613	Advanced Auditing Problems	3(3-0)
COM-614	Cost Accounting for Selected Sectors	3(3-0)
COM-615	Advance Auditing Problems	3(3-0)
COM-616	Government Accounting	3(3-0)
COM-617	Accounting for Decision Making	3(3-0)
Finance		
COM-618	Investment and Portfolio Management	3(3-0)
COM-619	International Finance	3(3-0)
FIN-736	Financial Modeling	3(3-0)
FIN-705	Corporate Finance	3(3-0)
FIN-738	Islamic Banking and Finance	3(3-0)
COM-620	Risk Management	3(3-0)
COM-621	Analysis of Financial Statements	3(3-0)
COM-622	Financial Markets and Institutions	3(3-0)

\* Student will opt two Elective courses from any one group in each semester.

## M.Com.

Semester 1		
MGT-401	Principles of Management	3(3-0)
FIN-501	Financial Management	3(3-0)
MGT-504	Research Methods in Business	3(3-0)
COM-509	Business Ethics and CSR	3(3-0)
COM-511	Leadership and Community Development	3(3-0)
ECO-512	Managerial Economics	3(3-0)
Semester 2		
COM-506	Managerial Accounting	3(3-0)
MGT-404	Human Resource Management	3(3-0)
MKT-401	Principles of Marketing	3(3-0)
COM-414	Accounting Information System	3(3-0)
COM-518	Corporate Law and secretarial practices	3(3-0)
FIN-619	Corporate Governance	3(3-0)
Semester 3		
MGT-602	Strategic Management	3(3-0)
COM-603	Business Taxation	3(3-0)
COM-605	E-Commerce	3(3-0)
COM-	Elective-1	3(3-0)
COM-	Elective-2	3(3-0)
Semester 4		
MGT-710	Entrepreneurship and SME Management	3(3-0)
COM-604	International Business	3(3-0)
COM-	Elective-3	3(3-0)
COM-	Elective-4	3(3-0)
COM-631	Internship and Viva Voce along with a course (3+3)/Project and Viva Voce 6(0-6)	6(0-6)
COM-732		
Field of Specialization		
Accounting		
COM-611	Financial Reporting	3(3-0)
COM-612	Industrial Accounting	3(3-0)
COM-613	Advance Auditing Problems	3(3-0)
COM-614	Cost Accounting for Selected Sectors	3(3-0)
COM-615	Advance Auditing Problems	3(3-0)

COM-616	Government Accounting	3(3-0)
COM-617	Accounting for Decision making	3(3-0)
Finance		
COM-618	Investment and Portfolio Management	3(3-0)
COM-619	International Finance	3(3-0)
FIN-736	Financial Modeling	3(3-0)
FIN-705	Corporate Finance	3(3-0)
FIN-738	Islamic Banking and Finance	3(3-0)
COM-620	Risk Management	3(3-0)
COM-621	Analysis of Financial Statements	3(3-0)
COM-622	Financial Markets and Institutions	3(3-0)
* Student will opt two Elective courses from any one group in each semester.		

## BS Accounting & Finance

Semester 1		
AAF-301	Principles of Accounting	3(3-0)
AAF-303	Introduction to Business	3(3-0)
ECO-301	Principles of Micro Economics	3(3-0)
ENG-321	Functional English	3(3-0)
MTH-321	Business Mathematics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 2		
AAF-302	Financial Accounting	3(3-0)
CSI-321	Computer Application in Business	3(3-0)
ECO-302	Principles of Macro Economics	3(3-0)
ENG-421	English for Academic Purposes	3(3-0)
STA-322	Business Statistics	3(3-0)
ISL-302	Islamic Studies	2(2-0)
Semester 3		
AAF-401	Advanced Accounting-I	3(3-0)
LAW-513	Business Law	3(3-0)
AAF-405	Introduction to Business Finance	3(3-0)
AAF-407	Business Taxation	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
PSY-305	Introduction to Psychology - I	3(3-0)
Semester 4		

AAF-402	Advanced Accounting-II	3(3-0)
AAF-404	Cost Accounting	3(3-0)
AAF-406	Principles of Auditing	3(3-0)
LAW-716	Corporate Law	3(3-0)
AAF-410	Custom and Sales Tax	3(3-0)
STA-607	Statistical Inference-I	3(3-0)
Semester 5		
MGT-401	Principles of Management	3(3-0)
MKT-401	Principles of Marketing	3(3-0)
FIN-504	Financial Management	3(3-0)
MGT-504	Research Methods in Business	3(3-0)
AAF-509	Financial Reporting I	3(3-0)
ECO-512	Managerial Economics	3(3-0)
Semester 6		
FIN-705	Corporate Finance	3(3-0)
AAF-504	Audit and Assurance	3(3-0)
AAF-506	Management Accounting	3(3-0)
MGT-703	Human Resource Management	3(3-0)
AAF-510	Financial Reporting II	3(3-0)
FIN-619	Corporate Governance	3(3-0)
Semester 7		
MGT-602	Strategic Management	3(3-0)
AAF-603	Investment Analysis and Portfolio Management	3(3-0)
FIN-738	Islamic Banking and Finance	3(3-0)
AAF-607	Computerized Accounting	3(3-0)
AAF-609	Analysis of Financial Statements	3(3-0)
ECO-504	Econometrics - I	3(3-0)
Semester 8		
MGT-601	Entrepreneurship	3(3-0)
FIN-620	Financial Risk Management	3(3-0)
AAF-606	Financial and Regulatory Institutes	3(3-0)
AAF-608	Advanced Cost and Management Accounting	3(3-0)
AAF-610	International Finance	3(3-0)
FIN-736	Financial Modeling	3(3-0)

## MPhil Commerce

Core Courses		
MGT-701	Advance Research Methods and Techniques	3(3-0)
ECO-703	Econometrics: Theory and Practices	3(3-0)
COM-	* Elective-I	3(3-0)
COM-	* Elective-II	3(3-0)
COM-700	Advanced Corporate Accounting/Reporting	3(3-0)
ECO-706	Applied Econometrics	3(3-0)
COM-	* Elective-III	3(3-0)
COM-	* Elective-IV	3(3-0)
STA-795	Statistics for Research	3(2-1)
COM-728	Seminar (General)	1(0-1)
COM-730	Thesis	6(0-6)
FIELD OF SPECIALIZATION		
Accounting and Finance		
FIN-745	Financial Modeling	3(3-0)
COM-706	Financial Institutions and Markets	3(3-0)
FIN-734	Advanced Financial Risk Management	3(3-0)
COM-709	Advance Auditing Issues	3(3-0)
COM-710	International Accounting	3(3-0)
COM-717	Advanced Management Accounting issues	3(3-0)
COM-718	Securities Analysis and Portfolio Management	3(3-0)
COM-719	Strategic Management Accounting Problems	3(3-0)
COM-720	Strategic Financial Management	3(3-0)
COM-721	Issues in Corporate Governance	3(3-0)
Management and Entrepreneurship		
MGT-703	Strategic Human Resource Management	3(3-0)
MGT-712	Compensation and Performance Management	3(3-0)
COM-713	Organizational Behavior & leadership	3(3-0)
COM-714	Entrepreneurship and Business Development	3(3-0)
COM-715	Strategic Human Resources Management	3(3-0)
COM-716	Contemporary Issues in Business	3(3-0)

\* Student will opt 4 Elective courses from any one group.





## Department of Economics

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sofia\_eco@gcuf.edu.pk



### Vision

To achieve broad and increasing recognition of the excellence of its programs among public and private institutions in the region and at international level; and to equip students with skills to implement theoretical and applied research work that will contribute to knowledge and resolve problems confronting the economy.

### Mission

To enable the students to exercise their intellectual capacity, to acquire disciplinary knowledge and analytical skills, to value diversity in people and ideas, and to develop ethical decision making abilities. To produce quality economists that will play their constructive role in different public, private sector organizations, policy making, and research. The learning environment is distinguished by admission on merit only, highly accessible faculty, teamwork, and information technology-supported education. The economics faculty places an emphasis on excellence in teaching through continuous professional development in instruction, as well as, in applied and theoretical economic research. Currently, the Department is offering graduate and postgraduate degree programs viz-a-viz BS, MSc, MPhil and PhD.

### Introduction

Economists deal with scarcity and choices. In a society where resources are limited and cannot meet the claims put upon it, economists suggest guidance for steering the economy to hit utmost desired goals utilizing limited means with a prime objective of social welfare in all decisions. Economic theory provides powerful and often surprising insights into individual

and social behaviors through providing a better understanding of a variety of contemporary issues.

The employment prospects for economists are very wide as the importance of economics is inevitable. Students who study economics here acquire problem solving skills that are valued by government and business employers, skills that can be used to examine a variety of economic policy issues e.g. problems of unemployment and inflation, policy and project evaluation, the impact of monopoly power and regulation, the impact of foreign trade, and public intervention to deal with social problems like environmental pollution. Our department is well-known for the excellence of its teaching and advising, with a strong reputation for producing innovative PhD graduates.

The Department of Economics has developed curricula to become competitive with the present day requirements. Formulation of policy alternatives by conducting solution oriented research to assist the decision makers for uniform growth and developing manpower in line with the demands of local and international markets are the priorities of the Department. In this context, the Department of Economics is playing a key role to fill the gap of availability of human resources that are required to improve the momentum of economic growth and eradicate socioeconomic evils.

### Objectives

The general goal of the Department is to serve for the public good and to make the knowledge of Economics accessible. All the academic programmes i.e. BS, MSc MPhil and PhD of the Department of Economics have been carefully designed to fulfill the following objectives of the Department and the market demands.

- To offer quality programs that Maintain high academic

### Programs Offered

1. BS Economics
2. MSc Economics
3. MPhil Economics
4. PhD Economics

**Chairperson: Prof. Dr. Sofia Anwar**

standards, include core components to foster critical thinking, communication, and commitment to lifelong learning.

- To provide the opportunity for higher education to students from diverse backgrounds.
- To assist students in developing, evaluating, and implementing employment decisions and plans by helping students to develop self-knowledge related to career choice and work preferences, providing educational and occupational information to guide students' career and educational planning.
- To develop their understanding of the world of work and linking students with alumni, employers, and professional organizations

In addition to imparting class room knowledge, department strives hard to engage students in research activities. Department has won many national and international projects in this regard. These projects are enhancing capacity building and providing employment opportunities to the students. Currently, three projects are running in the department. The project entitled ***“Estimation of transport energy demand and development of future pathways for greener Pakistan”*** under HEC NRPU 2017 was won by Prof. Dr. Sofia Anwar (PI) and Dr. Syed Asif Ali Naqvi (co-PI). In the 2018 NRPU by HEC Pakistan again a project entitled ***“Socio-economic impacts of extreme weather events on the livelihood and adaptations to offset vulnerabilities for improving living standard in Punjab”*** was won by Dr. Syed Asif Ali Naqvi (PI) and Dr. Sofia Anwar as co-PI. Department has the honor also to participate in an international project ***“Strengthening Vegetable Value Chains in Pakistan (SVVSP) for greater community livelihood benefits (2018-2022)”*** funded by Australian center for International Agricultural Research (ACIAR) Through CABI and UAF. In the Marketing team Dr. Sofia Anwar is working as Project Incharge -I along with Dr. Syed Asif Ali Naqvi and Dr. Abdul Majeed Nadeem as team members.



## Faculty

### Prof. Dr. Sofi a Anwar

PhD(Pak)  
Professor / Chairperson  
(HEC Approved PhD Supervisor)  
Specialization: Econometrics, Macro Economics, Research Methodology

### Dr. Zahoor Hussain Javed

PhD (Turkey)  
Assistant Professor  
Specialization: Monetary Policy

### Dr. Muhammad Rizwan Yaseen

PhD(France)  
Assistant Professor  
(HEC Approved PhD Supervisor)  
Specialization: Simulation and Food security

### Dr. Muhammad Sohail Amjad Makhdum

PhD (Germany)  
Assistant Professor  
Specialization: Econometrics & Microeconomics

### Dr. Syed Asif Ali Naqvi

PhD(Pak)  
Assistant Professor  
Specialization: Project Appraisal and climate change impacts

### Dr. Abdul Majeed Nadeem

PhD (China)  
Assistant Professor  
Specialization: Agriculture and Environmental Economics

### Dr. Asia Naseem

PhD (UAF)  
Assistant Professor (OPS)  
Specialization: International Trade

### Dr. Muhammad Umar Farooq

PhD (China)  
Assistant Professor (OPS)  
Specialization: Monetary Economics

### Dr. Sadia Ali

PhD (GCUF)  
Lecturer  
Specialization: Mathematical Economics

### Dr. Muhammad Faraz Riaz

PhD (Germany)  
Lecturer  
Specialization: Econometrics and Mathematical Economics

### Dr. Nazia Yasmin

PhD (Germany)  
Lecturer  
Specialization: Development Economics

### Dr. Imran Qaisar

PhD (Germany)  
Lecturer  
Specialization: Computer Applications, Statistics, Efficiency Analysis

### Dr. Abdul Quddoos

PhD (Germany)  
Lecturer  
Specialization: Mathematical Economics, Production Economics

### Mr. Qasim Ali

MPhil (Pak), PhD Scholar  
Lecturer  
Specialization: Micro Economics

### Ms. Anam Shahzadi

MPhil (Pak), PhD Scholar  
Lecturer  
Specialization: Macro Economics, Econometrics

### Ms. Saadia Narjis

MSc(Hons) (Pak), PhD Scholar  
Lecturer  
Specialization: Agriculture Economics

### Ms. Anisa Shamim

MPhil (Pak), PhD Scholar  
Lecturer  
Specialization: International Economics

### Mr. Muhammad Abubakar

BS (Hons) (Pak), MPhil Scholar  
Teaching Assistant

## Scheme of studies BS Economics

1st Semester		
ECO-301	Principles of Micro Economics	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
MTH-321	Algebra and Trigonometry	3(3-0)
CSI-321	Introduction to computing applications	3(2-1)
SOC-307	Introduction to Sociology	3(3-0)
Semester 2		
ECO-302	Principles of Macro Economics	3(3-0)
ENG-322	English Comprehensive and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-322	Introduction to Calculus	3(3-0)
GEO-305	Economic Geography	3(3-0)
MKT-401	Principals of Marketing	3(3-0)
Semester 3		
ECO-401	Intermediate Micro Economics	3(3-0)
ECO-403	Agricultural Economics	3(3-0)
ENG-421	Communication Skills	3(3-0)
STA-322	Introduction to Statistical theory – I	3(3-0)
COM-301	Principals of accounting	3(3-0)
MGT-401	Principles of Management	3(3-0)
Semester 4		
POL-406	Introduction to International Relations	3(3-0)
ECO-402	Intermediate Macroeconomics	3(3-0)
ECO-404	World Economic History	3(3-0)
ECO-406	International Trade Theory	3(3-0)
STA-323	Introduction to Statistical theory – II	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
Semester 5		
ECO-501	Microeconomic theory	3(3-0)
ECO-503	Macroeconomics theory	3(3-0)
ECO-505	Mathematical Economics I	3(3-0)
ECO-507	Population Economics	3(3-0)
ECO-509	International Finance	3(3-0)
ECO-511	Health Economics	3(3-0)

Semester 6		
ECO-502	Development Economics	3(3-0)
ECO-504	Econometrics I	3(3-0)
ECO-506	Mathematical Economics II	3(3-0)
ECO-508	Environmental and Natural Resource Economics	3(3-0)
ECO-510	General Equilibrium and Welfare Economics	3(3-0)
ECO-512	Managerial Economics	3(3-0)
Semester 7		
ECO-601	Research Methodology	3(3-0)
ECO-603	Public Sector Economics	3(3-0)
ECO-605	Econometrics-II	3(3-0)
ECO-607	Project Appraisal and Investment Analysis	3(3-0)
ECO-609	Labor Economics	3(3-0)
ECO-611	Energy economics	3(3-0)
Semester 8		
ECO-602	Institutional Economics	3(3-0)
ECO-604	Islamic Economics	3(3-0)
ECO-606	Monetary Economics	3(3-0)
ECO-631	Project	3(0-3)

## MSc Economics

Semester 1		
ECO-551	Microeconomics I	3(3-0)
ECO-553	Macroeconomics I	3(3-0)
ECO-555	Mathematical Economics	3(3-0)
ECO-557	Economics Statistics	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
Semester 2		
ECO-552	Microeconomics II	3(3-0)
ECO-554	Macroeconomics II	3(3-0)
ECO-556	Mathematical Economics II	3(3-0)
ECO-558	Statistical Inference and Decision Making	3(3-0)
ECO-560	Public Finance	3(3-0)
ECO-562	Monetary Economics	3(3-0)
Semester 3		
ECO-651	Islamic Economics	3(3-0)
ECO-653	Econometrics I	3(3-0)
ECO-655	Major Issues in Pakistan Economy	3(3-0)
ECO-657	Research Methodology	3(3-0)
ECO-659	Environmental Economics	3(3-0)
Semester 4		
ECO-652	Development Economics	3(3-0)
ECO-654	International Economics	3(3-0)
ECO-656	Econometrics II	3(3-0)
ECO-658	Computer Applications in Quantitative Analysis in Economics	3(3-0)
ECO-662	Agricultural Economics	3(3-0)
ECO-664	Managerial Economics	3(3-0)



## MPhil / PhD Economics

*ECO-701	Microeconomic Analysis	3(3-0)
*ECO-702	Macroeconomic Analysis	3(3-0)
*ECO-703	Econometrics: Theory and practices	3(3-0)
*ECO-704	Research Methodology	3(3-0)
*STA-795	Statistic for Research	3(2-1)
**ECO-705	Advanced Microeconomic Theory	3(3-0)
**ECO-706	Advanced Macroeconomic Theory	3(3-0)
ECO-707	Applied Econometrics	3(3-0)
ECO-708	Policy Analysis	3(3-0)
ECO-709	International Trade	3(3-0)
ECO-710	Production Economics	3(3-0)
ECO-711	Advanced Econometrics	3(3-0)
ECO-712	Advanced Development Economics	3(3-0)
ECO-713	Advanced Monetary Economics	3(3-0)
ECO-714	Advanced Resource and Environmental Economics	3(3-0)
ECO-715	Economic Analysis and Evaluation of Development Projects	3(3-0)
ECO-716	Computer Application for Social Sciences	3(3-0)
ECO-717	Advanced Research Methodology	3(3-0)
ECO-718	Advanced welfare Economics	3(3-0)
ECO-719	Advanced Labor Economics	3(3-0)
ECO-720	Mathematical Economics	3(3-0)
<b>Mandatory Requirements for MPhil</b>		
ECO-728	Seminar (General)	1(0-1)
ECO-729	Seminar (Research)	1(0-1)
ECO-730	Thesis	6(0-6)
<b>Mandatory Requirements for PhD</b>		
ECO-758	Seminar (General)	1(0-1)
ECO-759	Seminar (Research)	1(0-1)
ECO-760	Thesis	
*Core courses for MPhil program; the students will have to take four core courses as and when offered by the department.		
**Core courses for PhD students; the students will have to take three core courses as and when offered by the department.		
For the optional courses in PhD , students will opt that course which he has not studied in his Mphil		



## Lyallpur Business School (LBS)

Phone: 041-9203020

Email: directorlbs@gcuf.edu.pk



### Vision

To be a leading business school in the region with visible presence, marked excellence and exclusive traditions aspires to transforming graduates into competent, dedicated and skilled business professionals.

### Mission

To provide quality education to business graduates through inculcating in them the conceptual knowledge synergized with practical applications by utilizing the state-of-the-art equipment and infrastructure with experienced, trained and qualified faculty. The LBS is thriving to transform individuals into skilled professionals trimmed fine enough in catering to exclusive demand of top notch conglomerates and enabling them to contribute their drastic role in the development and prosperity of their families, society and overall country specifically.

### Introduction

Since its inception, Lyallpur Business School is exerting painstaking efforts to build marked reputation for producing business graduates fully equipped with professional excellence and excelled moral values. At LBS, the students are inculcated knowledge and skills through exceptionally talented and experienced faculty enriched in generating ideas coupled with experiential learning, exposure to real time problems and hands on leadership/team work experiences synergized with foreign exposure. The outgoing graduates are enriched with pivotal urge to lead, eager to explore and design the practical

solutions to everyday business problems/ opportunities. The prime focus of all programs at LBS is to groom the graduates into responsible personalities powered with devotion, practical and methodological skills and persistent enthusiasm towards goal accomplishments. The LBS management is very keen towards both co-curricular and extra-curricular initiatives/ activities and in order to accomplish it, a great emphasis is laid on conducting professional seminars, workshops and academic simulations throughout the semester. All offered programs at LBS are compatible to the guidelines and standards set by Higher Education Commission and Government College University, Faisalabad. After getting education, the graduates are motivated and determined to contributing their part in the development and progress of society in specific and the overall country in general.

### Faculty

**Prof. Dr. Hazoor Muhammad Sabir**

Professor / Dean

PhD (UAF)

**Dr. Muhammad Abrar**

Associate Professor / Director

PhD-Marketing (HUST. - P.R.China)

**Dr. Safdar Husain Tahir**

Associate Professor

PhD-Finance (GCUF), Post Doc (UWA-Australia)

### Programs Offered

1. BBA
2. MBA
3. Executive MBA (EMBA)
4. MS Business Administration
5. PhD Business Administration

Director: **Dr. Muhammad Abrar**

**Dr. Muhammad Shahid Tufail**

Assistant Professor  
PhD-Management (UoB-UK)

**Dr. Aamir Inam Bhutta**

Assistant Professor  
PhD- Finance (UNIROMA2-Italy)

**Dr. Ahsan Riaz**

Assistant Professor  
PhD- Finance (APU-Malaysia)

**Dr. Bashir Ahmad**

Assistant Professor  
PhD-Management (ITU-Turkey)

**Dr. Faiq Mahmood**

Assistant Professor  
PhD- Finance (HUST-P.R.China)

**Dr. Faiqa Kiran**

Assistant Professor  
PhD-Marketing (NCBA& E)

**Dr. Jahanzaib Sultan**

Assistant Professor  
PhD- Finance (WUT-P.R.China)

**Dr. Masood Nawaz Kalyar**

Assistant Professor  
PhD-Management Sciences (IU-Turkey)

**Dr. Mohsin Bashir**

Assistant Professor  
PhD-HRM (HUST- P.R.China)

**Dr. Muhammad Asim Nawaz**

Assistant Professor (OPS)  
PhD-Marketing (USTC, P.R.CHINA)

**Dr. Muhammad Fayyaz Sheikh**

Assistant Professor  
PhD-Finance (CIIT-ISB)

**Dr. Muhammad Ishtiaq**

Assistant Professor  
PhD-Finance (UoB-UK)

**Dr. Muhammad Waseem Bari**

Assistant Professor  
PhD-HRM (BIT-P.R.China)

**Dr. Qamar Ali**

Assistant Professor (OPS)  
PhD-Management (UIBK-Austria)

**Dr. Rizwan Kamran**

Assistant Professor  
PhD-Finance (USTC, P.R.CHINA)

**Dr. Rizwan Shabbir**

Assistant Professor  
PhD-Marketing (HUST - P.R.China)

**Dr. Sadia Shaheen**

Assistant Professor  
PhD-Management (CUST)

**Dr. Sharjeel Saleem**

Assistant Professor  
PhD-Management (UNIVIE- Austria)

**Dr. Yasir Tanveer**

Assistant Professor (OPS)  
PhD-Management (BUPT-P.R.China)

**Dr. Muhammad Shahbaz**

Lecturer  
PhD-Marketing (HUST- P.R.China)

**Mr. Adnan Arshad**

Lecturer  
MS-Finance (CIIT-LHR)

**Mr. Ahmad Sohail Khan**

Lecturer  
MS-Marketing (ICBS)

**Ms. Aisha Saleem**

Lecturer  
M.Phil. Economics (NCBA&E)

**Mr. Arsalan Najeeb Khan**

Lecturer  
MBA-Management (UCP)

**Ms. Ayesha Attique**

Lecturer  
M.Com Finance (UAF)

**Ms. Ayesha Sohail**

Lecturer  
MS-Management (VU)

**Mr. Fayyaz Ahmad**

Lecturer  
MS-Engineering Management (NUST)

**Ms. Ghazala Beenish**

Lecturer  
M.Phil. Accounting & Finance (KCWU)

**Ms. Hadia Awan**

Lecturer  
MS-Management (UET)

**Ms. Irum Shahzadi**

Lecturer  
M.Phil. Business Administration

**Mr. Muhammad Ashar**

Lecturer  
MS-HRM (MAJU)

**Mr. Muhammad Waheed**

Lecturer  
MBA-Marketing (GCUF)

**Ms. Rabia Sarfraz**

Lecturer  
MBA-HRM (UCP)

**Ms. Rafia Kazmi**

Lecturer  
MS-Management

**Ms. Riffit Gill**

Lecturer  
MS-Management (NUML)

**Mr. Tayyab Kashif**

Lecturer  
MS-Marketing (NUML)

**Mr. Usama Anwar**  
Lecturer  
MBA Marketing (IBA)

**Mr. Azeem Ahmad Khan**  
Teaching Assistant  
MBA-Marketing (GCUF)

**Mr. Furqan Mushtaq**  
Teaching Assistant  
MBA-Marketing (GCUF)

**Mr. Syed Hassan Raza**  
Teaching Assistant  
MS-Finance (MAJU)

**Mr. Yasir Ali**  
Teaching Assistant  
MS-Finance (GCUF)

**Mr. Adnan Ashraf**  
Lecturer (On Study Leave)  
MS-Finance (PU)

**Mr. Ahsan Zubair**  
Lecturer (On Study Leave)  
MS-Marketing (NUML)

**Ms. Ambreen Zainab**  
Lecturer (On Deputation UE)  
MS-Management (UOL)

**Ms. Ayesha Sharif**  
Lecturer (On PhD Study Leave)  
MBA-Marketing (VU)

**Mr. Faisal Anees**  
Lecturer (On PhD Study Leave)  
MS-Finance (MAJU)

**Mr. Hamad Raza Zaidi**  
Lecturer (On PhD Study Leave)  
MBA-Finance (UK)

**Mr. Muhammad Sajid**  
Lecturer (On PhD Study Leave)  
MS-Finance (AU)

**Mr. Muhammad Saleem**  
Lecturer (On PhD Study Leave)  
MS-Finance (PU)

**Mr. Muhammad Salman Rasheed**  
Lecturer (On PhD Study Leave)

**Mr. Salman Arshad**  
Lecturer (On PhD Study Leave)  
MS-Management

**Mr. Syed Ahmed Hassan Gillani**  
Lecturer (On PhD Study Leave)

**Mr. Syed Hamad Hassan Shah**  
Lecturer (On PhD Study Leave)  
MBA (QAU)

**Mr. Usman Zafar**  
Lecturer (On PhD Study Leave)  
MSBA (NCBA&E)

**Mr. Hafiz Sohrab Ali**  
Teaching Assistant (On PhD Study Leave)  
MS-Management

## Scheme of Studies Bachelor of Business Administration (BBA)

Semester 1		
COM-301	Financial Accounting-I	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ENG-321	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PSY-321	Human Psychology	3(3-0)
Semester 2		
COM -302	Financial Accounting-II	3(3-0)
ECO-302	Principles of Macroeconomics	3(3-0)
MTH-306	Business Mathematics	3(3-0)
MGT-401	Principles of Management	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ENG-322	English Comprehension and Composition	3(3-0)

Semester 3		
COM-554	Managerial Accounting	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
STA-304	Business Statistics	3(3-0)
MKT-401	Principles of Marketing	3(3-0)
FIN-402	Business Finance	3(3-0)
ENG-407	Oral Communication	3(3-0)
Semester 4		
STA-401	Statistical Inference	3(3-0)
ENG-421	Business Communication	3(3-0)
MKT-402	Marketing Management	3(3-0)
MGT-404	Human Resource Management	3(3-0)
FIN-405	Financial Management	3(3-0)
ENV-301	Introduction to Environmental Sciences	3(3-0)
Semester 5		
MGT-507	Organizational Behavior	3(3-0)
MGT-501	Operations Management	3(3-0)
MKT-501	Consumer Behavior	3(3-0)
MGT-503	Business Ethics & Corporate Social Responsibility	3(3-0)
LAW-513	Business Law	3(3-0)
MGT-504	Business Research Methods	3(3-0)
Semester 6		
FIN-604	International Business	3(3-0)
MGT-506	Language (Arabic/French/Chinese)	3(3-0)
POL-514	International Relations and Current Affairs	3(3-0)
ECO-512	Managerial Economics	3(3-0)
	Specialization I	
	Specialization II	
Semester 7		
CIT-508	Information Technology Innovations in Business	3(3-0)
MGT-601	Entrepreneurship	3(3-0)
	Specialization III	3(3-0)
	Specialization IV	3(3-0)
	Specialization V	3(3-0)
Semester 8		



MGT-602	Strategic Management	3(3-0)
	Specialization VI	3(3-0)
	Specialization VII	3(3-0)
	Specialization VIII	3(3-0)
	Specialization IX OR (Business Project)	3(3-0)
<p>Note: Students must take an internship (Non Credit) from any relevant industry / organization for a minimum period of 6-8 weeks after 6th semester for the award of degree. * Student will opt Elective courses from any one group.</p>		

#### i- Banking and Finance

LAW-611	Banking Law & Practices	3(3-0)
FIN-612	Islamic Banking	3(3-0)
FIN-613	Consumer Banking	3(3-0)
FIN-614	Banking Operation Management	3(3-0)
FIN-615	SME & Micro-finance	3(3-0)
FIN-616	International Banking	3(3-0)
FIN-617	Investment Banking	3(3-0)
FIN-618	Corporate Finance	3(3-0)
FIN-619	Corporate Governance	3(3-0)
FIN-620	Financial Risk Management	3(3-0)
FIN-621	Money & Capital Market	3(3-0)
FIN-622	Financial Derivatives	3(3-0)
FIN-623	Financial Statement Analysis	3(3-0)
FIN-624	Portfolio Management	3(3-0)
FIN-625	International Trade & Foreign Exchange	3(3-0)
FIN-626	Business Project	3(0-3)

#### ii- Marketing

MKT- 610	International Marketing	3(3-0)
MKT- 611	Brand Management	3(3-0)
MKT- 612	Retail Management	3(3-0)
MKT- 613	Services Marketing	3(3-0)
MKT- 614	Sales Management	3(3-0)
MKT- 615	Advertising Management	3(3-0)
MKT- 617	New Media Technology in Marketing	3(3-0)
MKT- 618	Pricing Strategies	3(3-0)
MKT- 619	Social Media Marketing	3(3-0)

*MKT- 620	*Marketing Business Simulation (*Marketing Business Simulation course will be offered to the students, however, they will be required to pay international fee (if any) at their own.)	3(3-0)
MKT- 621	Logistics and Supply Chain Management	3(3-0)
MKT- 622	Tourism and Hospitality Management	3(3-0)
MKT- 623	Marketing New Products	3(3-0)
MKT- 624	Customer Intelligence	3(3-0)
MKT- 625	Customer Relationship Management	3(3-0)
MKT- 626	Social Marketing	3(3-0)
MKT- 627	Marketing for Nonprofit Organizations	3(3-0)
MKT- 628	Industrial Marketing	3(3-0)
MKT- 629	Agricultural Marketing	3(3-0)
MKT- 630	Business Project	3(0-3)

#### iii- Supply Chain Management

MKT- 633	Supply Chain Performance	3(3-0)
MKT- 634	Managing Sustainability in Supply Chains	3(3-0)
MKT- 635	Decision Models for SCM	3(3-0)
MKT- 636	Seminar in Supply Chain Management	3(3-0)
MKT- 637	Procurement management	3(3-0)
MKT- 638	Transportation management	3(3-0)
MKT- 639	Warehousing Management	3(3-0)
MKT- 640	Routing management	3(3-0)
MKT- 641	Vendor Selection and Development	3(3-0)
MKT- 642	Inventory Management & Forecasting in Supply Chains	3(3-0)
MKT- 643	Supply Chain Risk Management	3(3-0)
MKT- 644	Global Supply Management	3(3-0)
MKT- 645	Business Project	3(0-3)

#### iv- Human Resource Management

MGT - 610	Organizational Development	3(3-0)
MGT - 611	Human Resource Development	3(3-0)
MGT - 612	Cases in HRM	3(3-0)
MGT - 613	Performance Management	3(3-0)
MGT - 614	Essentials of Training & Development	3(3-0)

MGT - 615	International HRM	3(3-0)
MGT - 616	Reward and Compensation Management	3(3-0)
MGT - 617	Conflict and Negotiation Management	3(3-0)
MGT - 618	Human Resource Planning	3(3-0)
MGT - 619	Change Management	3(3-0)
MGT - 620	Knowledge Management	3(3-0)
MGT - 621	Seminars in HRM	3(3-0)
MGT - 622	Business Project	3(0-3)

#### v- Industrial Management

MGT- 623	Principles of Industrial Engineering	3(3-0)
MGT- 624	Production Planning and control	3(3-0)
MGT- 625	Facility Planning and Layout	3(3-0)
MGT- 626	Manufacturing System Analysis	3(3-0)
MGT- 627	Project Management	3(3-0)
MGT- 628	Industrial engineering	3(3-0)
MGT- 629	Ergonomics	3(3-0)
MGT- 630	Work flow management	3(3-0)
MGT- 631	Total Quality Management	3(3-0)
MGT- 632	Six Sigma and Lean Manufacturing	3(3-0)
MGT- 633	Business Project	3(0-3)

## Master of Business Administration (MBA)

Semester 1		
ECO-721	BUSINESS ECONOMICS	3(3-0)
MGT-708	BUSINESS MATHS AND STATS	3(3-0)
FIN-746	FINANCIAL ACCOUNTING AND INFORMATION SYSTEMS	3(3-0)
MKT-701	MARKETING MANAGEMENT	3(3-0)
MGT-701	MANAGEMENT CONCEPTS AND PRACTICES	3(3-0)
Semester 2		
FIN-702	FINANCIAL MANAGEMENT	3(3-0)
MGT-703	HUMAN RESOURCE MANAGEMENT	3(3-0)
ECO-664	MANAGERIAL ECONOMICS	3(3-0)
MKT-702	MARKETING ANALYTICS	3(3-0)
MGT-704	APPLIED BUSINESS RESEARCH	3(3-0)
Semester 3		



FIN-747	MANAGERIAL ACCOUNTING	3(3-0)
	ELECTIVE / SPECIALIZATION 1	
	ELECTIVE / SPECIALIZATION 2	
	ELECTIVE / SPECIALIZATION 3	
	ELECTIVE / SPECIALIZATION 4	
<b>Semester 4</b>		
FIN-704	FINANCIAL STATEMENT ANALYSIS	3(3-0)
	ELECTIVE / SPECIALIZATION 5	
	ELECTIVE / SPECIALIZATION 6	
	ELECTIVE / SPECIALIZATION 7	
	ELECTIVE / SPECIALIZATION 8	
<b>ELECTIVE (GENERAL) COURSES</b>		
MGT-702	BUSINESS COMMUNICATION	3(3-0)
MGT-705	LEADERSHIP, ORGANIZATION AND BEHAVIORS	3(3-0)
MGT-706	STRATEGY IN PRACTICE	3(3-0)
MGT-707	OPERATIONS MANAGEMENT	3(3-0)
MGT-709	MANAGEMENT INFORMATION SYSTEM	3(3-0)
MGT-710	ENTREPRENEURSHIP	3(3-0)
MGT-711	INTERNATIONAL BUSINESS MANAGERMENTS	3(3-0)
MGT-712	ORGANIZATIONAL BEHAVIOR	3(3-0)
MGT-713	PERFORMANCE MANAGEMENT	3(3-0)
<b>MBA-SPECIALIZATION COURSES</b>		
<b>Banking and Finance</b>		
FIN – 721	Credit Analysis & Investment Banking	3(3-0)
FIN – 722	International Banking and Capital Markets	3(3-0)
FIN – 723	Insurance Strategies and Policies	3(3-0)
FIN – 724	Financial Derivatives	3(3-0)
FIN – 725	Financial Systems and Prudential Regulations	3(3-0)
FIN – 726	Financial Engineering	3(3-0)
FIN – 727	Portfolio Management	3(3-0)
FIN – 728	International Trade & Foreign Exchange	3(3-0)
FIN – 729	Behavioral and Experimental Finance	3(3-0)
FIN – 730	Financial Market and Institutions	3(3-0)
FIN – 731	Corporate Governance	3(3-0)
FIN – 732	Real Estate Finance	3(3-0)
FIN – 733	Financial Risk Management	3(3-0)
FIN – 734	Treasury and Fund Management	3(3-0)

FIN – 735	Finance Theory	3(3-0)
FIN – 736	Financial Modeling	3(3-0)
FIN – 737	Financial Econometrics	3(3-0)
<b>Marketing</b>		
MKT- 721	Integrated Marketing Communications	3(3-0)
MKT- 722	Marketing Research	3(3-0)
MKT- 723	Seminar in Marketing	3(3-0)
MKT- 724	Personal Selling	3(3-0)
MKT- 725	Business to Business Marketing	3(3-0)
MKT- 726	Societal Marketing	3(3-0)
MKT- 727	New Product Development	3(3-0)
MKT- 728	Supply Chain Management	3(3-0)
MKT- 729	Cases in Marketing	3(3-0)
MKT- 730	Intellectual Property Rights	3(3-0)
MKT- 731	*Business Games / Strategy and Marketing Business Simulation (*Business Games will be offered to the students, however, they will be required to pay fee (if any) at their own.)	3(3-0)
MGT- 732	Innovation Management	3(3-0)
<b>Human Resource Management</b>		
MGT- 721	Recruitment and selection	3(3-0)
MGT- 722	Change Management	3(3-0)
MGT- 723	Compensation and Reward Management	3(3-0)
MGT- 724	Conflict and Negotiation Management	3(3-0)
MGT- 725	Leadership	3(3-0)
MGT- 726	Seminar in Human Resource Management	3(3-0)
LAW- 727	Labor Laws	3(3-0)
MGT- 728	Human Resource Development	3(3-0)
MGT- 729	Knowledge Management	3(3-0)
MGT- 736	Workplace Diversity Management	3(3-0)
<b>Industrial Management</b>		
MGT-730	Engineering Cost calculations	3(3-0)
MGT-731	Industrial Solutions	3(3-0)
MGT-732	Energy and Environment	3(3-0)
MGT-733	Manufacturing process Design and Analysis	3(3-0)
MGT-734	Project Management	3(3-0)
MGT-735	Industrial Project	3(3-0)

**Note:** Students are encouraged to undertake an internship from any relevant industry / organization for a minimum period of 6-8 weeks after 2nd semester.

**Eligibility Criteria:** 16 years education with minimum 45% marks from any HEC recognized institution.

## Executive MBA

<b>Semester 1</b>		
ECO-721	BUSINESS ECONOMICS	3(3-0)
MGT-708	BUSINESS MATHS AND STATS	3(3-0)
FIN-746	FINANCIAL ACCOUNTING AND INFORMATION SYSTEMS	3(3-0)
MGT-702	BUSINESS COMMUNICATION	3(3-0)
MGT-701	MANAGEMENT CONCEPTS AND PRACTICES	3(3-0)
<b>Semester 2</b>		
FIN-702	FINANCIAL MANAGEMENT	3(3-0)
MGT-703	HUMAN RESOURCE MANAGEMENT	3(3-0)
ECO-664	MANAGERIAL ECONOMICS	3(3-0)
MKT-701	MARKETING MANAGEMENT	3(3-0)
MGT-704	APPLIED BUSINESS RESEARCH	3(3-0)
<b>Semester 3</b>		
FIN-748	ACCOUNTING FOR DECISION MAKING	3(3-0)
MKT-702	SERVICES MARKETING	3(3-0)
MGT-712	ORGANIZATIONAL BEHAVIOR	3(3-0)
MGT-713	PERFORMANCE MANAGEMENT	3(3-0)
FIN-704	FINANCIAL STATEMENT ANALYSIS	3(3-0)
<b>Semester 4</b>		
MGT-722	STRATEGIC MANAGEMENT	3(3-0)
MGT-707	OPERATIONS MANAGEMENT	3(3-0)
FIN-705	CORPORATE FINANCE	3(3-0)
MKT-703	CONSUMER BEHAVIOR	3(3-0)
MGT-710	ENTREPRENEURSHIP	3(3-0)
<b>Eligibility Criteria:</b>		
- 16 years education with minimum 45% marks from any HEC recognized institution.		
- 3 years work experience.		



## MS Business Administration

Semester 1		
FIN-701	Strategic Finance	3(3-0)
MGT-701	Advanced Research Methods	3(3-0)
MKT-701	Strategic Marketing	3(3-0)
MGT-703	Strategic Human Resource Management	3(3-0)
Semester 2		
STA-795	Statistics for Research	3(2-1)
	Specialization I	3 (3-0)
	Specialization II	3 (3-0)
	Specialization III	3 (3-0)
Semester 3 & 4		
	Specialization IV	3 (3-0)
BAM-728	General Seminar	1 (0-1)
BAM-729	Research Seminar	1 (0-1)
BAM-730	Research and Thesis	6 (0-6)
* Student will opt Elective courses from any one group. <b>Eligibility Criteria:</b> 16 years business education with minimum 45% marks from any HEC recognized institution.		

### i- Banking and Finance

FIN – 731	Financial Systems and Prudential Regulations	3(3-0)
FIN – 732	Financial Engineering	3(3-0)
FIN – 733	Financial Market and Institutions	3(3-0)
FIN – 734	Issues in Financial Risk Management	3(3-0)
FIN – 735	Corporate Finance Theory	3(3-0)
ECO-703	Econometrics Methods and applications	3(3-0)
FIN – 737	Insurance Management and Strategies	3(3-0)
FIN – 738	Mergers Acquisition & Corporation Restructuring	3(3-0)
FIN – 739	Issues in Islamic Banking	3(3-0)
FIN – 740	Issues in Corporate Finance	3(3-0)
COM-611	Financial Reporting & Business Valuation	3(3-0)
FIN – 742	Behavioral and Experimental Finance	3(3-0)
FIN – 743	Issues in Corporate Governance	3(3-0)
FIN – 744	Real Estate Finance	3(3-0)
FIN – 745	Financial Modeling and Analysis	3(3-0)

### ii- Human Resource Management

MGT-711	Change Management	3(3-0)
MGT-712	Compensation and Reward Management	3(3-0)
MGT-713	Conflict and Negotiation Management	3(3-0)
MGT-714	Leadership	3(3-0)
MGT-719	Learning Organizations	3(3-0)
MGT-720	Industrial/Organizational Psychology	3 (3-0)
MGT-721	Advances in HR Development	3 (3-0)
MGT-722	Performance Management and Appraisal	3 (3-0)
MGT-723	Leading Diversity in Organizations	3 (3-0)

### iii- Marketing

MKT- 710	Integrated Marketing Communications	3 (3-0)
MKT- 711	Marketing Research	3(3-0)
MKT- 721	Innovation Management	3(3-0)
MKT- 731	Product Pricing Decisions: Concepts and Application	3 (3-0)
MKT- 732	Distribution Strategy and Supply Chain Management	3 (3-0)
MKT- 733	Customer Relationship Management	3 (3-0)
MKT- 734	Applied Corporate Brand Management	3 (3-0)
MKT- 735	Managing Products and Brands	3 (3-0)
MKT- 736	Special Topics in Marketing	3 (3-0)
MKT- 737	Issues in Services Marketing	3 (3-0)
MKT- 738	Digital Marketing and Social Media	3 (3-0)

## PhD Business Administration

BAM-801	Philosophy of Management Science	3(3-0)
BAM-802	Advanced Techniques in Quantitative Research	3(3-0)
BAM-803	Dynamics of Academic Writing	3(3-0)
BAM-804	Advanced Techniques in Qualitative Research	3(3-0)
BAM-805	Research Strategy and Design	3(3-0)
	Elective Course - 1	3(3-0)
	Elective Course - 2	3(3-0)
	Elective Course - 3	3(3-0)
	Elective Course – 4	3(3-0)
BAM-758	Seminar (General)	1(0-1)
BAM-759	Seminar (Research)	1(0-1)

BAM-760	Thesis	
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\* Elective course are taken from any one of the following three groups

### i- Human Resource Management

BAM-806	Recruitment and Selection Issues	3 (3-0)
BAM-807	Dynamics of Learning and Development	3 (3-0)
BAM-808	Contemporary Issues in Performance Management	3 (3-0)
BAM-809	Challenges in Compensation Management	3 (3-0)
BAM-810	Strategic Reward Management	3 (3-0)
BAM-811	Human Resource Development Practices	3 (3-0)
BAM-812	Personality, Attitude and Behavior	3 (3-0)
BAM-813	Contemporary Theories in HRM	3 (3-0)
BAM-814	Dynamics of Leadership and Organizational Development	3 (3-0)
BAM-815	Current Perspectives on Equality, Diversity, and Inclusion	3 (3-0)

### ii- Marketing

BAM-816	Marketing Strategy and Management	3 (3-0)
BAM-817	Marketing Science Theory Construction	3 (3-0)
BAM-820	Behavioral Approaches to Decision Making and Negotiation	3 (3-0)
BAM-821	Brand and Product Management	3 (3-0)
BAM-822	Social Network Analysis (SNA)	3 (3-0)
BAM-823	Data Analytics for Marketing decisions	3(3-0)
BAM-824	Seminar in Services Marketing	3(3-0)
BAM-825	Issues in Marketing Communications	3(3-0)
BAM-826	Special Topics in Promotion Management	3(3-0)
BAM-827	Seminar in Innovation Management	3(3-0)

### iii- Banking & Finance

BAM – 828	Emerging Issues in Financial Markets	3 (3-0)
BAM – 829	Financial Derivatives and Risk Management	3 (3-0)
BAM – 830	Issues in Real Estate Finance	3 (3-0)
BAM – 831	Issues in Behavioral Finance	3 (3-0)
BAM – 832	Empirical Corporate Finance	3 (3-0)
BAM – 833	Special Topics in Finance	3 (3-0)
BAM – 834	Financial Risk Management	3 (3-0)
BAM – 835	Issues in Banking	3 (3-0)
BAM – 836	Seminar in Corporate Governance	3 (3-0)

## Department of Public Administration

Phone: 041-9203018  
Email: pubadmin@gcuf.edu.pk

### Programs Offered

1. BS Public Administration
2. Master Public Administration (MPA)
3. MS Public Administration

Incharge : Dr. Muhammad Imdadullah



### Vision

Developing conscientious and above board citizens having a passion, desire and thirst to serve the society.

### Mission

To inculcate ideologies, norms and practices of administration among our learning community for achieving the idea of state.

### Introduction

The Department of Public Administration is a dynamic association of scholars and pupils having a deep interest in improving the policy implementation in public sector organizations. As a discipline, it is often compared with Business Administration. In fact, it has the added advantage for the prospective students who will have extensive knowledge about effective and efficient methods for running public as well as private organizations after the completion of their respective programs.

### Faculty

#### Dr. Muhammad Imdad Ullah

Assistant Professor / Incharge  
PhD (Malaysia)

#### Dr. Bashir Ahmad

Assistant Professor  
PhD (Turkey)

#### Mr. Nadeem Nazir

Assistant Professor

#### Mr. Muhammad Zia ud Din

Lecturer (On Study Leave)  
PhD Scholar (China)

#### Ms. Saira Solat

Lecturer  
PhD Scholar (GCUF)

#### Mr. Syed Afraz Hassan Gillani

Lecturer/ Manager BIC  
PhD. Scholar (Germany)

#### Ms. Uzma Waseem

Lecturer  
MSPA (GCUF)

#### Mr. Bilal Hassan

Lecturer (on study leave)  
PhD Scholar (France)

#### Mr. Adeel Anjum

Lecturer (on study leave)  
PhD Scholar (Malaysia)

#### Ms. Samar Akbar

Lecturer (on study leave)  
PhD Scholar (PU)

#### Mr. Bilal Shahid Cheema

Lecturer  
M.Phil. (NDU)



**Ms. Fiza Sabir**  
Lecturer  
MSBA (NCBAE)

**Mr. Rai Shahid Munir**  
Lecturer  
M.Phil. (MU)

**Mr. Abdul Sattar**  
Teaching Assistant  
MS Finance (NUML)

**MS. Riffat Noureen**  
Teaching Assistant (on study leave)  
PhD Scholar (Germany)

## Scheme of Studies BS Public Administration

Semester 1		
ENG-321	Functional English	03(3-0)
CSI-321	Introduction to Computing Application	03(3-0)
POL-406	Introduction to International Relations	03(3-0)
ECO-301	Principles of Microeconomics	03(3-0)
PST-321	Pakistan Studies	02(2-0)
Semester 2		
ENG-322	English Comprehension and Composition	03(3-0)
SOC-307	Introduction to Sociology	03(3-0)
MTH-321	Mathematics – 1	03(3-0)
ECO-302	Principles of Macroeconomics	03(3-0)
MGT-401	Principles of Management	03(3-0)
ISL-321	Islamic Studies/Ethics	02(2-0)
Semester 3		
ECO-502	Introduction to Development Economics	03(3-0)
ENG-421	Communication Skills	03(3-0)
BPA-405	Environmental Issues & Management	03(3-0)
BPA-407	Principles of Public Finance	03(3-0)
BPA-403	Administrative Ethics	03(3-0)
PSY-422	Introduction to Psychology	03(3-0)
Semester 4		
ENG-422	Technical Writing	03(3-0)
MGT-406	Organizational Behavior	03(3-0)

BPA-402	Politics & Administration	03(3-0)
BPA-404	Introduction to Public Policy	03(3-0)
MKT-401	Principles of Marketing	03(3-0)
MGT-404	Human Resource Management	03(3-0)
Semester 5		
BPA-501	Government & Society in Pakistan	03(3-0)
COM-302	Financial Accounting	03(3-0)
BPA-507	Introduction to Public Administration	03(3-0)
BPA-505	Quantitative Techniques for Management	03(3-0)
BPA-503	Political & Constitutional Development in Pakistan	03(3-0)
BPA-509	International Marketing	03(3-0)
Semester 6		
BPA-504	Research Methods & Techniques	03(3-0)
BPA-506	Administrative Law & Accountability	03(3-0)
FIN-501	Financial Management	03(3-0)
BPA-502	Decentralization & Governance	03(3-0)
BPA-510	Social Entrepreneurship	03(3-0)
MGT-602	Strategic Management	03(3-0)
Semester 7		
MGT-611	Human Resource Development	03(3-0)
BPA-605	Industrial Relations & Labour Laws	03(3-0)
BPA-601	Local and Electronic Government	03(3-0)
BPA-607	Public Sector Management	03(3-0)
BPA-603	Contemporary Issues of Public Administration in Pakistan	03(3-0)
BPA-609	Theories of Government and Public Administration	03(3-0)
Semester 8		
BPA-602	Media, Politics and Public Policy	03(3-0)
BPA-608	Economics for Public Policy	03(3-0)
BPA-604	Project Management	03(3-0)
BPA-610	Comparative Public Administration	03(3-0)
BPA-612	Public Sector Reforms: Development and Social Changes	03(3-0)

## Master in Public Administration

Semester 1		
MPA-501	Government & Society in Pakistan	03(3-0)
COM-302	Financial Accounting	03(3-0)
MPA-507	Introduction to Public Administration	03(3-0)
MPA-505	Quantitative Techniques for Management	03(3-0)
MPA-503	Political & Constitutional Development in Pakistan	03(3-0)
MPA-509	International Marketing	03(3-0)
Semester 2		
MPA-504	Research Methods & Techniques	03(3-0)
MPA-506	Administrative Law & Accountability	03(3-0)
FIN-501	Financial Management	03(3-0)
MPA-502	Decentralization & Governance	03(3-0)
MPA-510	Social Entrepreneurship	03(3-0)
MGT-602	Strategic Management	03(3-0)
Semester 3		
MGT-611	Human Resource Development	03(3-0)
MPA-605	Industrial Relations & Labour Laws	03(3-0)
MPA-601	Local and Electronic Government	03(3-0)
MPA-607	Public Sector Management	03(3-0)
MPA-603	Contemporary Issues of Public Administration in Pakistan	03(3-0)
MPA-609	Theories of Government and Public Administration	03(3-0)
Semester 4		
MPA-602	Media, Politics and Public Policy	03(3-0)
MPA-608	Economics for Public Policy	03(3-0)
MPA-604	Project Management	03(3-0)
MPA-610	Comparative Public Administration	03(3-0)
MPA-612	Public Sector Reforms: Development and Social Changes	03(3-0)

## MS Public Administration

Core Courses		
MPA-701	Governance, Public Administration & Development	3(3-0)
MPA-702	Organizational Theory & Public Management	3(3-0)
MPA-703	Comparative public policy	3(3-0)
MGT-701	Advanced Research Methods	3(3-0)
ECO-703	Econometrics: Theory and Practices	3(3-0)
MPA-706	Modern Public Management	3(3-0)
MGT-703	Strategic HRM	3(3-0)
MPA-708	Political Economy of Pakistan	3(3-0)
Mandatory Requirements for MS		
STA-795	Statistics for Research	3(2-1)
MPA-728	Seminar (General)	1(0-1)
MPA-729	Seminar (Research)	1(0-1)
MPA-730	Thesis	6(0-6)



## Faculty of Pharmaceutical Sciences

- 1- Department of Pharmacology
- 2- Department of Pharmaceutics
- 3- Department of Pharmaceutical Chemistry
- 4- Department of Pharmacy Practice
- 5- Department of Pharmacognosy



**Prof. Dr. Shahid Kamal**  
**Dean**

Ph: 041-9200670  
Email: vc@gcuf.edu.pk

Prof. Dr. Shahid Kamal is a renowned, internationally acknowledged name in the field of statistics. A PhD, in Applied Biostatistics from the University of Exeter, Devon, UK, and he has a teaching, research and administrative experience spanning more than 30 years encompassing Applied Biostatistics, Design and Analysis of Experiments, Regression and Econometrics, Business Statistics, Computer Applications & Programming and in diverse fields of statistical applications. He served as Dean, Director, Principal, Professor at University of the Punjab, Lahore. He has developed many institutes and centres including Operation Research Centre and Statistical Databank. He has initiated many master degree programs at University of the Punjab. He is the author of two books and has contributed a great number of research articles in reputable national and international research journals. He has supervised many research scholars at MPhil and PhD levels. He hails from a well-known educational family of Pakistan. He has joined as 5th Vice Chancellor of Government College University Faisalabad on July 24, 2019.

## Faculty of Pharmaceutical Sciences

Phone: 041-9201036  
Email: pharmacy@gcuf.edu.pk



### Programs Offered

1. Doctor of Pharmacy (Pharm.D)
2. MPhil and PhD Pharmacology
3. MPhil and PhD Pharmaceutics
4. MPhil and PhD Pharmaceutical Chemistry

**Teacher Incharge:** **Dr. Malik Hassan Mehmood**  
PhD (KU), RPh  
Clinical Research Certified  
Associate Professor  
HEC Approved Supervisor  
Specialization: Ethno, cardiovascular and  
endocrine pharmacology



### Vision

Faculty of Pharmaceutical Sciences is a national model for excellence in pharmacy education, research and services by providing contemporary curriculum, evidence based practice and state of the art research facilities to our students.

### Mission

To develop future pharmacist who could better lead as educationist, regulatory affairs manager, researcher, industrial pharmacist, community, hospital and clinical practitioner in Pakistan and beyond.

### Introduction

Pharmacy is a lifesaving healthcare profession. In recent times, paradigm shift in the national and international healthcare systems have fuelled desire to upgrade the medical services in a modern healthcare system. This concept has also revolutionized the service providing approach of the pharmacy profession which has now developed into a multi-disciplinary profession. Currently, due to various health related issues there is need to develop new potent synthetic and biotech drugs as well as new drug delivery systems. This has substantially shifted the responsibility of Pharmacists towards appropriate use of modern medicines so as to ensure optimum drug therapy and protecting the public from associated adverse drug reactions. It is therefore necessary to prepare and groom pharmacists for future professional responsibilities and challenges. The Department of Pharmacy was established in the GC University, Faisalabad in the year 2005. It was upgraded to College of Pharmacy in 2010

and Faculty of Pharmaceutical Sciences in 2014. The Faculty of Pharmaceutical Sciences is offering Pharm.D (5 years), MPhil and PhD in Pharmacology and Pharmaceutics degree programs.

### Objectives

Provide quality education to students, who shall meet pharmaceutical and clinical needs of society and the globe.

Cultivate a conducive environment where faculty and students can carry out studies and research activities.

Actively participate in healthcare related activities in Pakistan and worldwide.

Understand how quality medicines are synthesized, developed, manufactured and delivered to patients in accordance with pharmaceutical knowledge, legislation and codes of professional conduct and practice.

### Future Plans

In future, we are planning to start MPhil and PhD in Pharmacy Practice and Pharmacognosy.



## Pharm-D

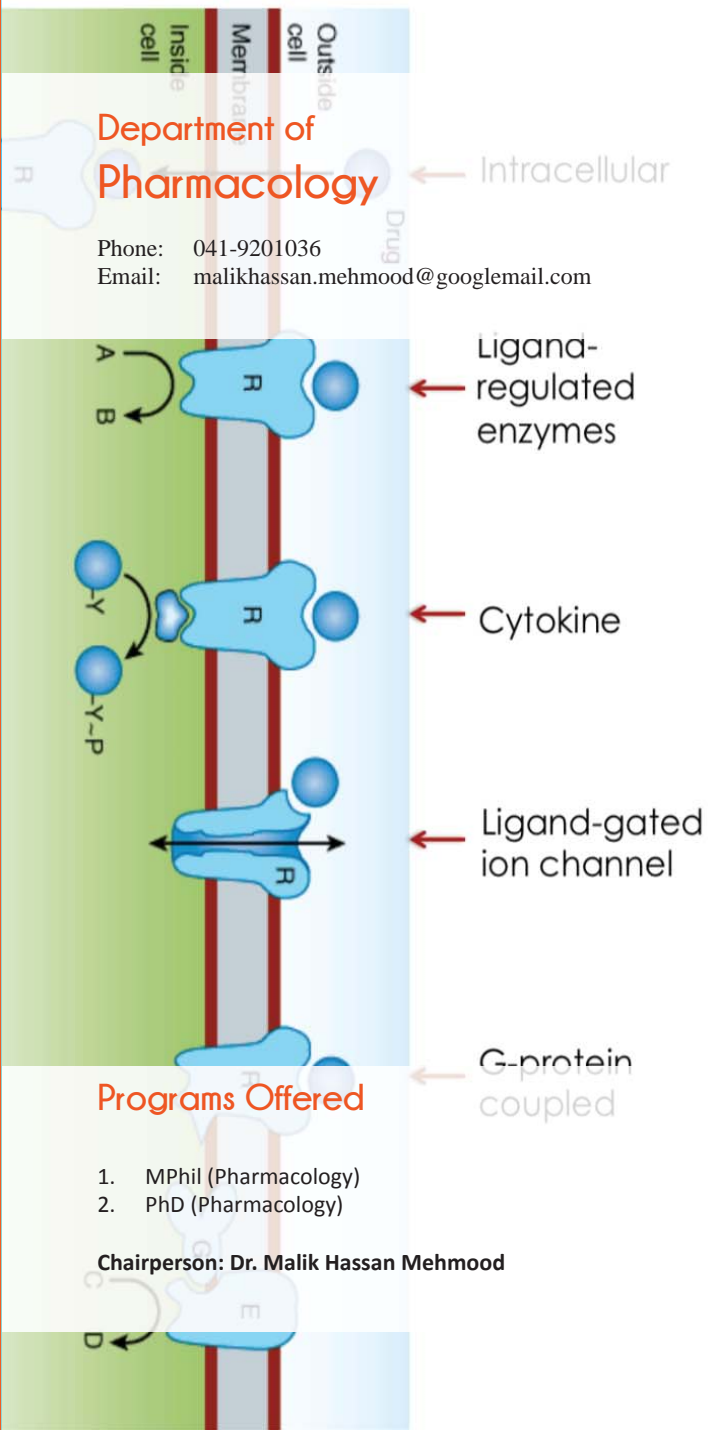
Semester 1		
ENG-321	Functional English	2(2-0)
PHM-310	Pharmaceutics-IA (Physical Pharmacy)	4(3-1)
PHM-311	Pharmaceutical Chemistry-IA (Organic)	4(3-1)
PHM-312	Pharmaceutical Chemistry-IIA (Biochemistry)	4(3-1)
PHS-301	Physiology A (Basic)	4(3-1)
AHP-301	Anatomy and Histology	4(3-1)
Semester 2		
ENG-322	English B (Communication and Writing Skills)	4(4-0)
PHM-315	Pharmaceutics-IB (Physical Pharmacy)	4(3-1)
PHM-316	Pharmaceutical Chemistry-IB (Organic)	4(3-1)
PHM-317	Pharmaceutical Chemistry-IB (Biochemistry)	4(3-1)
PHS-302	Physiology B (Applied)	4(3-1)
Semester 3		
ISL-321	Islamic Studies	3(3-0)
ISL-322	Ethics (For Non-Muslim only)	3(3-0)
PHM-410	Pharmaceutics-IIA (Dosage Form Science)	4(3-1)
PHM-411	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology)	4(3-1)
PHM-412	Pharmacology and Therapeutics-IA	4(3-1)
PHM-413	Pharmacognosy-IA (Basic)	4(3-1)
PHM-414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3(3-0)
Semester 4		
PST-403	Pakistan Studies	2(2-0)
PHM-415	Pharmaceutics-IIB (Dosage Form Science)	4(3-1)
PHM-416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	4(3-1)
PHM-417	Pharmacology and Therapeutics-IB	4(3-1)
PHM-418	Pharmacognosy-IB (Basic)	4(3-1)
PHM-419	Pharmacy Practice IB (Pharmaceutical Biostatistics)	3(3-0)
Semester 5		
PHM-510	Pharmacy Practice-IIA (Dispensing Pharmacy)	4(3-1)
PHM-511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	4(3-1)
PHM-512	Pharmacology and Therapeutics-IIA	4(3-1)

PHM-513	Pharmacognosy-IIA (Advanced)	4(3-1)
AHP-302	Pathology	4(3-1)
Semester 6		
PHM-515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3(3-0)
PHM-516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	4(3-1)
PHM-517	Pharmacology and Therapeutics-IIB	4(3-1)
PHM-518	Pharmacognosy-IIB (Advanced)	4(3-1)
CSI-321	Pharmacy Practice III (Computing Application in Pharmacy)	4(3-1)
Semester 7		
PHM-610	Pharmacy Practice-IVA (Hospital Pharmacy)	3(3-0)
PHM-611	Pharmacy Practice-VA (Clinical Pharmacy)	4(3-1)
PHM-612	Pharmaceutics-IVA (Industrial Pharmacy)	4(3-1)
PHM-613	Pharmaceutics-VA (Biopharmaceutic & Pharmacokinetics)	4(3-1)
PHM-614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	4(3-1)
Semester 8		
PHM-615	Pharmacy Practice-IVB (Hospital Pharmacy)	3(3-0)
PHM-616	Pharmacy Practice-VB (Clinical Pharmacy)	4(3-1)
PHM-617	Pharmaceutics-IVB (Industrial Pharmacy)	4(3-1)
PHM-618	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	4(3-1)
PHM-619	Pharmaceutics-VIB (Pharmaceutical Quality Management)	4(3-1)
Semester 9		
PHM-710	Pharmaceutics-VIIA (Pharmaceutical Technology)	4(3-1)
PHM-711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	4(3-1)
PHM-712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3(3-0)
PHM-713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3(3-0)
PHM-714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	4(3-1)
Semester 10		
PHM-715	Pharmaceutics- VIIB (Pharmaceutical Technology)	4(3-1)

PHM-716	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	4(3-1)
PHM-717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3(3-0)
PHM-718	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3(3-0)
PHM-719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	4(3-1)







### Vision

Sustainable state-of-the-art teaching and research facilities in pharmacology to address complex human diseases and to develop ethical clinical pharmacologists.

### Mission

To develop and train future pharmacologists in the field of gastrointestinal, cardiovascular, respiratory, endocrine, neuro, inflammo and ethnopharmacology by providing evidence-based curriculum and enabling learning environment.

### Introduction

Pharmacology is an essential element of Pharmacy, Medicine, Dentistry and allied health care disciplines. Department of Pharmacology was established as an independent entity in 2014 under the umbrella of Faculty of Pharmaceutical Sciences. This discipline also covers Physiology, Pathology, Anatomy and Histology to understand physiological, anatomical description of the body and the pathophysiological basis of diseases for rationale drug classifications, therapeutic uses, pharmacodynamics, pharmacokinetics, adverse effects and important drug-drug interactions. Department of Pharmacology is aimed to promote conducive learning environment, team work culture, ethical behavior and interdisciplinary research approach to address complex health related issues.

### Faculty

#### Dr. Malik Hassan Mehmood

PhD (KU), RPh  
Clinical Research Certified  
Associate Professor  
HEC Approved Supervisor  
Specialization: Ethno, cardiovascular and endocrine pharmacology

#### Dr. Uzma Saleem

PhD (PU), RPh  
Associate Professor  
HEC Approved Supervisor  
Specialization: Ethno and neuropharmacology

#### Dr. Liaqat Hussain

PhD (China), MPhil (BZU), RPH  
Assistant Professor  
Specialization: Pharmacology

#### Dr. Mohsin Ali

MPhil (GCUF), PhD, RPh  
Assistant Professor

#### Mr. Usman Arshad

MPhil (BZU), RPh  
Assistant Professor (On Ph.D Study leave)

**Dr. Ammara Saleem**

MPhil (UVAS), PhD (GCUF), RPh  
Lecturer

**Ms. Shumaila Mehdi**

MPhil (IUB), RPh  
Lecturer

**Mr. Muhammad Riaz**

MPhil (UAF), RPh  
Lecturer

**Ms. Umber Saleem**

MPhil (UVAS), RPh  
Lecturer (On Ph.D Study leave)

**Ms. Humaira Gul**

MPhil (GCUF), RPh

**MPhil / PhD Pharmacology**

PCL- 701	General Pharmacology	3(3-0)
PCL-702	Applied Pharmacology-I	3(3-0)
PCL-703	Biochemical and Molecular Pharmacology	3(3-0)
PCL-704	Advanced Pharmacology	3(3-0)
PCL- 705	Neuropharmacology	3(3-0)
PCL-706	Toxicology	3(3-0)
PCL-707	Biochemical Techniques in Pharmacology	3(3-0)
PCL-708	Battery of Pharmacological Test	3(3-0)
PCL-709	Toxicokinetics Studies & Metabolic Disorders	3(3-0)
PCL-710	Drug Screening Methods	3(3-0)
PCL-711	Ethnopharmacology	3(3-0)
PCL-712	Applied Pharmacology-II	3(3-0)
PCL-713	Research Methodology	3(3-0)
PCL-714	Uses of Animals in Research	3(2-1)
<b>Mandatory Requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
PCL-728	Seminar (General)	1(0-1)
PCL-729	Seminar (Research)	1(0-1)
PCL-730	Thesis	6(0-6)
<b>Mandatory Requirements for Ph.D</b>		
STA-795	Statistics for Research	3(2-1)
PCL-758	Seminar (General)	1(0-1)
PCL-759	Seminar (Research)	1(0-1)
PCL-760	Thesis	--



## Department of Pharmaceutics

Phone: 041-9201036

Email: akhtar.rasul@gcuf.edu.pk



### Vision

Department of Pharmaceutics will nurture future formulation scientists to integrate the multiple approaches of pharmaceutics in developing novel dosage forms and providing solution to the pharmaceutical industry to achieve the goals of sustainable development.

### Mission

To develop the character and skills in our professional and graduate students, necessary for the roles of the pharmaceutical industry, research & development, and betterment of health sector.

### Introduction

Pharmaceutics is major discipline of pharmacy profession which deals with dosage form development and relationships between drug formulation, delivery, disposition and their clinical responses. Department of Pharmaceutics was established in 2014 and since then committed to provide quality education and research at under and postgraduate level. Most of the faculty members of the department are Ph.D or pursuing their doctoral studies. We are actively involved in research and offering master and doctoral programs. Our faculty members have number of research projects and facilities to carry out quality research.

### Faculty

#### Dr. Akhtar Rasul

PhD (IUB), RPh  
Associate Professor  
HEC Approved Supervisor  
Specialization: Formulation Development & Drug Delivery

#### Dr. Muhammad Irfan

PhD (Germany), RPh  
Tenured Associate Professor  
HEC Approved Supervisor  
Specialization: Pharmaceutical Technology

#### Dr. Syed Haroon Khalid

PhD (Malaysia), RPh  
Assistant Professor  
HEC Approved Supervisor  
Specialization: Pharmaceutical Technology

#### Dr. Ikram Ullah Khan

PhD (France), RPh  
Assistant Professor  
HEC Approved Supervisor  
Specialization: Development of macro, micro and nanocarriers for drug delivery

### Programs Offered

1. MPhil (Pharmaceutics)
2. PhD (Pharmaceutics)

Chairperson: Dr. Akhtar Rasul

**Dr. Sajid Asghar**

PhD (China), RPh  
Assistant Professor  
HEC Approved Supervisor  
Specialization: Nanoformulations

**Dr. Ikrima Khalid**

PhD (IUB), RPh  
Assistant Professor  
Specialization: Polymeric composite for drug delivery

**Dr. Ghulam Abbas**

PhD (BZU), R.Ph.  
Assistant Professor  
Specialization: Pharmaceutics

**Ms. Sana Inam**

MPhil (GCUF), RPh  
Assistant Professor

**Mr. Asif Massud**

MPhil (BZU), RPh  
Lecturer (On Ph.D Study leave)

**Ms. Ayesha Sethi**

MPhil (IUB), RPh  
Lecturer

**Mr. Shams ul Hassan**

MPhil (IUB), RPh  
Lecturer

**Mr. Usman Saleem**

MPhil (PU), RPh  
Lecturer

**MPhil / PhD Pharmaceutics**

PCU-701	Current Pharmaceutical Technology	3(3-0)
PCU-702	Pharmaceutical Biotechnology	3(3-0)
PCU-703	Advanced Biopharmaceutics	3(3-0)
PCU-704	Nutraceuticals and Cosmetology	3(3-0)
PCU-705	Contemporary Pharmaceutics	3(3-0)
PCU-706	Pharmaceutical Quality assurance	3(3-0)
PCU-707	Pharmaceutical Statistics	3(3-0)
PCU-708	Advanced Pharmaceutical Technology	3(3-0)
PCU-709	Principles of Drug Delivery and Intrinsic factors	3(3-0)
PCU-710	Research Ethics and Biostatistical Techniques	3(3-0)
PCU-711	Modern Pharmaceutics	3(3-0)
PCU-712	Biologicals	3(3-0)
PCU-713	Cosmeceuticals and Nutraceuticals	3(3-0)
PCU-714	Research Methodology	3(3-0)
<b>Mandatory Requirements for MPhil.</b>		
STA-795	Statistics for Research	3(2-1)
PCU-728	Seminar (General)	1(0-1)
PCU-729	Seminar (Research)	1(0-1)
PCU-730	Thesis	6(0-6)
<b>Mandatory Requirements for Ph.D</b>		
STA-795	Statistics for Research	3(2-1)
PCU-758	Seminar (General)	1(0-1)
PCU-759	Seminar (Research)	1(0-1)
PCU-760	Thesis	----



## Department of Pharmaceutical Chemistry

Phone: 041-9200037  
Email: sajidakash@gcuf.edu.pk



### Vision

Department of Pharmaceutical Chemistry endeavors to be a recognized model for graduating students through innovative ideas and recent trends in the field of pharmaceutical chemistry along with drug design, and their development, to compete in and contribute to achieve sustainable development goals.

### Mission

To produce world class pharmaceutical chemists with competencies to meet the national pharmaceutical challenges with technical and scientific skills for appropriate drug discovery and development.

### Introduction

Pharmaceutical chemistry is one of the major disciplines of pharmaceutical sciences which deals with all chemical aspects of drugs and natural products, such as their structure, synthesis, isolation, and their structural activity in relationship with pharmacological activity. Department of Pharmaceutical Chemistry was established in 2014 and since then committed to provide quality education and research to its graduates which is based on the latest and most advanced trends in different fields of pharmaceutical chemistry.

### Faculty

**Dr. Muhammad Sajid Hamid Akash**  
PhD (China), R.Ph.

Associate Professor  
HEC approved supervisor  
Specialization: Pharmaceutical Analysis, Biochemical Pharmacology, Metabolic Disorders

**Dr. Noor Ul Amin Mohsin**  
PhD (Austria), R.Ph.

Assistant Professor  
Specialization: Drug design and synthesis

**Dr. Malik Saadullah**  
PhD (BZU), R.Ph.

Assistant Professor  
Specialization: Natural product chemistry

**Rizwan Rashid Bazmi**  
MPhil (BZU), R.Ph.  
Lecturer (On PhD Study leave)

**Abid Mahmood**  
MPhil (BZU), R.Ph.  
Lecturer (On PhD Study leave)

### Programs Offered

1. MPhil (Pharmaceutical Chemistry)
2. PhD (Pharmaceutical Chemistry)

**Chairperson: Dr. Muhammad Sajid Hamid Akash**



## MPhil / PhD Pharmaceutical Chemistry

PCH-701	Drug Discovery and Design	3 (3-0)
PCH-702	Drug Development	3 (3-0)
PCH-703	Phytochemistry	3 (3-0)
PCH-704	Biostatistics	3 (3-0)
PCH-705	Advanced Pharmaceutical Analysis	3 (3-0)
PCH-706	Isolation and Characterization of Drugs	3 (3-0)
PCH-707	Quantitative Structure Activity Relationship	3 (3-0)
PCH-708	Research Methodology	3 (3-0)
PCH-720	Structure Elucidation Techniques	3 (3-0)
PCH-721	Biotechnology and Drug Development	3 (3-0)
PCH-722	Drug Metabolism	3 (3-0)
PCH-723	Combinatorial Chemistry and Drug Synthesis	3 (3-0)
PCH-724	Natural Product Chemistry	3 (3-0)
PCH-725	Drug Likeness of New Molecules	3 (3-0)
<b>Mandatory Requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
PCH-728	General Seminar	1(0-1)
PCH-729	Research Seminar	1(0-1)
PCH-730	Thesis	6(0-6)
<b>Mandatory Requirements for PhD</b>		
STA-795	Statistics for Research	3(2-1)
PCH-758	General Seminar	1(0-1)
PCH-759	Research Seminar	1(0-1)
PCH-760	Thesis	---



## Department of Pharmacy Practice

Phone: 041-9201036  
Email: shahid.shah@gcuf.edu.pk

Teacher Incharge: Dr. Shahid Shah



### Vision

The Department of Pharmacy Practice at GCUF seeks to be a leader in pharmacy education, innovative basic and applied research, novel medication management models, and delivery of exemplary patient care.

### Mission

Enabling students to be a part of healthcare team as medicine experts by developing necessary skills for patient care, clinical research and pharmacy leaders.

### Introduction

Established in 2014, Pharmacy Practice is the major discipline of Pharm-D program which involves developing the professional roles of pharmacists in the healthcare system (hospitals, community pharmacies and health regulatory authorities). Clinical Pharmacy is a key area of the Pharmacy Practice in which pharmacist provides patient care through medication optimization and promotes health, and disease prevention. In future MPhil. in Pharmacy Practice will be offered.

### Faculty

**Dr. Shahid Shah**  
PhD (France), R.Ph.  
Assistant Professor  
HEC approved supervisor  
Specialization: Clinical Pharmacy

**Dr. Muhammad Yasir Ali**  
PhD (Germany), R.Ph.  
Assistant Professor



## Department of Pharmacognosy

Phone: 041-9201036  
Email: ajmalshah@gcuf.edu.pk



### Vision

To be renowned and prestigious department at national and international level by offering high quality education and research in the preparation, standardization, commercialization, effective and safe use of herbal medicines and natural products.

### Mission

Department of Pharmacognosy is determined to provide quality education and research. It is also deemed to promote safe and efficacious use of herbal medicines and nutraceuticals through innovative research and phytopharmaceutical development based on local resources.

### Introduction

Pharmacognosy is branch of pharmacy that deals with drugs obtained from plants or other natural sources. Pakistan is rich in natural fauna and flora and there is dire need to explore their medicinal potential to cure different diseases with minimum side effects. Department of Pharmacognosy was established in 2014 and since we are committed to provide quality education and research. In future we are planning to start MPhil. Pharmacognosy program.

### Faculty

#### Dr. Muhammad Ajmal Shah

PhD (Thailand), RPh  
Assistant Professor  
HEC Approved Supervisor  
Specialization: Green extraction and standardization of natural products

#### Ms. Amna Parveen

MPhil (GCUF), RPh  
Lecturer (On Ph.D Study leave)

Teacher Incharge: Dr. Muhammad Ajmal Shah







## Faculty of Life Sciences

1. Department of Biochemistry
2. Department of Bioinformatics & Biotechnology
3. Department of Botany
4. Institute of Home and Food Sciences
5. Department of Microbiology
6. Directorate of Medical Sciences
7. Department of Physical Education and Sports Sciences
8. Department of Physiology
9. Department of Zoology



**Prof. Dr. Farhat Jabeen**  
Dean

Prof. Dr. Farhat Jabeen holds a PhD from Quaid-i-Azam University, Islamabad and two Post Doctorates from Newcastle University, UK. Dr. Jabeen is HEC approved Supervisor and awardee of INSPIRE and SPEKE projects funded by the British Council (UK) and HEC (Pak). She has several International and National Research Projects on her credit. She got Excellent Leadership Awards from Islamic Development Bank, Saudi Arabia for the years 2011 and 2015.

She has attended more than 50 International conferences in USA, UK, Egypt, Dubai, Sri Lanka, Denmark, Turkey, Ireland, Malaysia and Saudi Arabia. Dr. Jabeen published over 100 articles in high impact science journals. Dr. Jabeen is the awardee of HEC University Best Teacher Award-2016. With an academic experience of more than 22 years, she enjoys a strong research outlook with many PhD and MPhil students to her credit.

## Department of Biochemistry

Phone: 041-9203031  
Email: [biochem@gcuf.edu.pk](mailto:biochem@gcuf.edu.pk)



### Vision

To induce the basic and modern knowledge of Biochemistry and to impart modern teaching methods in the student's learning process, so that they can lead the nation in this discipline.

### Mission

Nurturing a conducive environment of biochemistry in the nation as a whole to get a leading position by fulfilling the needs of skilled man powers of speeding emerging biotech industry.

### Introduction

Biochemistry is the science concerned with the chemical basis of life. Biochemistry incorporates everything in size between a molecule and a cell and all the interactions between them. The aim of biochemists is to describe in molecular terms the structures, mechanisms and chemical processes shared by all organisms, providing organizing principles that underlie life in all its diverse forms. So a biochemist would study about these molecules namely carbohydrates, lipids, proteins and nucleic acids. Biochemist also studies their reactions and what affects them and in what ways. Biochemistry is thus a study of the compounds found inside living beings, the processes involved with the focus on the role, function and structure of these molecules.

Biochemistry now encompasses all of the molecular and cellular life sciences. Scientific topics falling under the broad description of biochemistry include genetics, immunology, virology, developmental biology, neurobiology, cell biology and structural biology. A recent milestone in biochemistry was the completion of the Human Genome Project and stem cell therapy. There has never been a better time to study biochemistry. With the introduction of newer methods in science and technology, the scope of biochemistry is much greater than past. In fact, biochemistry is Fundamental discipline of life science that fulfill the requirements of all students. The challenging nature of the

subject and the leading jobs opportunities that can be got after the completion of studies in this field. There are quite a few fields where Biochemists can find employment which includes

#### Private Sector:

- Chemical manufacturing companies
- Food and Drink (includes brewing)
- Health and Beauty Care
- Medical Instrument companies
- Pharmaceutical firms
- Research Organizations

#### Public Sectors :

- Agriculture and fisheries
- Cancer research institutes
- Environmental Pollution Control
- Forensic Science
- Hospitals
- National Blood Services
- Overseas Development
- Public Health Entities
- Public Health Laboratories

### Objectives

- To produce the manpower, those are confident to apply biochemistry knowledge in different span of living beings.
- Applications of the above knowledge in the understanding of disease processes and drugs discovery with vaccination
- To provide fundamental knowledge in statistical concepts and regulatory approach in biochemistry
- To adopt multidisciplinary approach to equip the students for multidimensional carrier opportunities
- Experiments to demonstrate important bio-chemical, molecular and physiological concepts
- To encourage the student's capacity for self-learning by research work

### Programs Offered

1. BS Biochemistry
2. MPhil Biochemistry
3. PhD Biochemistry

**Chairperson: Prof. Dr. Shazia Anwer Bukhari**



## Faculty

### Prof. Dr. Shazia Anwer Bukhari

Chairperson  
PhD (PU)  
Specialization: Molecular and Clinical Biochemistry  
(HEC Approved Supervisor)

### Prof. Dr. Zahid Mehmood

PhD (UAF)  
Specialization: Molecular and Clinical Biochemistry  
(HEC Approved Supervisor)

### Dr. Abdul Ghaffar

Associate Professor  
PhD (QAU)  
Specialization: Molecular Biochemistry and Biotechnology  
(HEC Approved Supervisor)

### Dr. Sadia Javed

Associate Professor  
PhD (UAF)  
Specialization: Industrial Biotechnology  
(HEC Approved Supervisor)

### Dr. Nosheen Aslam

Associate Professor  
PhD (UAF)  
Specialization: Medical Biochemistry  
(HEC Approved Supervisor)

### Dr. Razia Noreen

Associate Professor  
PhD (France)  
Specialization: Analytical and Environmental Biochemistry  
(HEC Approved Supervisor)

### Dr. Shagufta Kamal

Associate Professor  
PhD (UAF)  
Specialization: Industrial Biotechnology  
(HEC Approved Supervisor)

### Dr. Muhammad Yameen

Assistant Professor  
PhD (China)  
Specialization: Biochemistry and Molecular Biology  
(HEC Approved Supervisor)

### Dr. Arruje Hameed

Assistant Professor  
PhD (UAF)  
Specialization: Plant Biochemistry and Biotechnology

### Dr. Mahwish Salman

Assistant Professor  
PhD (UAF)  
Specialization: Biotechnology

### Dr. Ghulam Mustafa

Assistant Professor  
PhD (UAF)  
Specialization: Bioinformatics and drug discovery from natural products  
(HEC Approved Supervisor)

## Scheme of Studies BS Biochemistry

Semester 1		
BCH-301	Introductory Biochemistry	4 (3-1)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
MTH-321	Algebra and Trigonometry	3 (3-0)
ACH- 301	Fundamentals of Inorganic Chemistry	3 (2-1)
SOC- 307	Introduction to Sociology	3 (3-0)
Semester 2		
BCH- 302	Biochemistry of Carbohydrates	4(3-1)
BCH-304	Biophysics	3(3-0)
ENG-322	English Comprehension and Composition	3 (3-0)
PST-321	Pakistan studies	2 (2-0)
STA-507	Biostatistics	3(3-0)
PSY-422	Introduction to Psychology	3 (3-0)
Semester 3		
BCH-401	Cell Biology	3(2-1)
BCH-403	Biochemistry of Nucleic acid	3(3-0)
ENG- 421	Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3 (3-0)
ACH- 302	Fundamentals of organic Chemistry	3 (2-1)

Semester 4		
BCH- 402	Human Physiology	3(3-0)
BCH- 404	Biochemistry of lipids	4(3-1)
BCH- 406	Molecular Biology	4(3-1)
ACH- 401	Fundamental of Physical Chemistry	3(2-1)
MIC-301	Introductory Microbiology	3(2-1)
Semester 5		
BCH-501	Amino Acids and Proteins	4(3-1)
BCH-503	Enzymology	3(2-1)
BCH-505	Biosafety & Ethics	2(2-0)
BCH-507	Biochemical Techniques	3(2-1)
BCH-509	Plant Biochemistry	3(3-0)
Semester 6		
BCH-502	Nutritional Biochemistry	3(2-1)
BCH- 504	Industrial Biochemistry	3(2-1)
BCH-506	Genetics	3(3-0)
BCH-508	Biomembranes & Cell Signaling	3(3-0)
BCH-510	Bioenergetics	2(2-0)
BNB-502	Proteomics	3(2-1)
Semester 7		
BCH-601	Current Trends in Biochemistry	3(3-0)
BCH-603	Biological Metabolism	4(4-0)
BCH-605	Fermentation Biotechnology	3(3-0)
BIN-402	Introduction to Biological Data Retrieval	3(2-1)
BNB-504	Genomics	3(3-0)
Semester 8		
BIT-405	Introduction to Biotechnology	3(3-0)
BCH-602	Immunochemistry	3(3-0)
BCH-604	Antimicrobials & Chemotherapy	3(3-0)
BCH-606	Research Planning and Report Writing	3(3-0)
BCH-628	Seminar	1(0-1)
BCH-631	Computational Methods for Biological Systems	3(2-1)
BCH-632	Internship	3(0-3)

## MPhil/PhD Biochemistry

BCH-701	Fundamentals of Biochemistry (Deficiency)	3(3-0)
BCH-702	Enzyme Production & Engineering	3(3-0)
BCH-703	Concepts in Genetic Engineering	3(3-0)
BCH-704	Environmental Biochemistry	3(3-0)
BCH-705	Hormones & Chemical Regulators	3(3-0)
BCH-706	Applied Biochemistry	3(3-0)
BCH-707	Advance Biochemical Techniques	3(1-2)
BCH-708	Advanced Medical Biochemistry	3(3-0)
BCH-709	Inherited Diseases & Molecular Medicines	3(3-0)
BCH-710	Biochemistry of drugs	3(3-0)
BCH-711	Advanced Cell Biology	3(3-0)
BCH-712	Proteomics & Protein Engineering	3(3-0)
BCH-713	Blood & Immunochemistry	3(3-0)
BCH-714	Advanced Fermentation & Biochemical Engineering	3(3-0)
BCH-715	Regulation of Metabolism in Health & Disease	3(3-0)
BCH-716	Gene Expression and Manipulation	3(3-0)
BCH-717	Biochemistry of Control System	3(3-0)
BCH-718	Biochemistry of Aging	3(3-0)
BCH-719	Bioremediation	3(3-0)
BCH-720	Research strategies & scientific writing	3(3-0)

BCH-721	Body fluids & Mineral metabolism	3(3-0)
BCH-722	Forensic Biochemistry	3(3-0)
BCH-723	Cell cycle, regulation and membrane trafficking	3(3-0)

### Mandatory Requirements for MPhil

STAT-795	Statistics for Research	3(2-1)
BCH-728	Seminar (General)	1(0-1)
BCH-729	Seminar (Research)	1(0-1)
BCH-730	Thesis	6(0-6)

### Mandatory Requirements for PhD

STAT-795	Statistics for Research	3(2-1)
BCH-758	Seminar (General)	1(0-1)
BCH-759	Seminar (Research)	1(0-1)
BCH-760	Thesis	---



## Department of Bioinformatics & Biotechnology

Phone: 041-9201553  
Email: bioinfo.biotech@gcu.edu.pk

### Biotechnology

Optimization of bioproducts  
Development of enzymes  
Diagnosis, prevention and control of diseases

### Genetic Engineering

Genome editing for improved crop varieties & animal breeds  
Genome editing to extend life  
Microbial modification for cleaner environment

### Biomaterials

Sustainable, eco-friendly and biodegradable biopolymers  
Development of bio-plastic, bio-ceramics, bio-nanomaterials and bio-composites



### Bioinformatics

Development of medicines  
Storage & processing of molecular data

### Artificial Intelligence

Sensor-based training  
Robust diagnosis and treatment  
Bioalgorithms and simulation to develop humanoid robots

### Data Science

Mapping to predict spread of diseases  
Data analysis, simulation, and prediction for a safer future  
GPS-based predictions for climatic changes

## Programs Offered

1. BS Bioinformatics
2. BS Biotechnology
3. MPhil Bioinformatics
4. MPhil Biotechnology
5. PhD Biotechnology

Chairperson: Dr. Muhammad Aamer Mehmood



## Vision

To develop Bioinformatics and Biotechnology professionals with interdisciplinary approaches to explore different areas of life sciences with the help of state-of-art technologies which are being applied around the globe. Introduction and promotion of Bioinformatics and Biotechnology in the country as emerging sciences is one of the primary objectives of the Department.

## Mission

To provide a collaborative learning environment that prepares students to reach the forefront of leadership by developing the sophisticated computational methods to conduct groundbreaking research in key areas of Bioinformatics and Biotechnology, to make fundamental discoveries, generate innovative solutions to practical problems and to develop new technologies for commercial applications. The Department is committed to provide an exceptional environment for specialized training and to mentor tomorrow's workforce through a challenging curriculum, exploration of scholarly research, design and implementation of original investigations and interactive partnerships.

## Introduction

We are witnessing the birth of a new era in biological sciences. The ability to decipher the genetic code of living organisms has opened limitless opportunities to improve the quality of human life and has dramatically changed the challenges that the biological and biomedical sciences can address. Bioinformatics and Biotechnology have become frontline applied science disciplines of the twenty-first century. Government College University Faisalabad (GCUF) is among the few institutions in the country to offer degree programs in these emerging fields of Science. Bioinformatics is an amalgamation of Life Sciences, Statistics, Mathematics and Computer Sciences. It is responsible for developing new computer programs (databases and

software) for their application in life sciences. Biotechnology is the technological application of biological systems (living organisms or derivatives thereof) to make or modify products or processes intended for "Human Welfare" or specific use. Department of Bioinformatics and Biotechnology (BNB) provides interdisciplinary learning and training that builds bridges across different disciplines and seamlessly integrates computational methodologies into biological education on the following lines:

- A broad understanding of the molecular processes of life.
- Understanding of the tools used for mapping and sequencing of genes/genomes.
- Training regarding DNA and protein sequence and structural analysis, gene expression and proteomics analysis, data mining, optimization and statistical methods, database development and algorithm design.
- A high level of skill in designing and usage of information techniques with emphasis on the organization, display, interpretation and analysis of complex data.
- Skill development and hands on training of basic and advanced laboratory techniques being utilized in the modern scientific world.

## Scope

Bioinformatics and Biotechnology is expected to substantially create an impact on scientific, engineering and economic development of the world. These are fast growing important disciplines for academic research and industrial applications. Career opportunities in Bioinformatics and Biotechnology will continue to expand on both the computer and biological science frontiers. For Computer Sciences, there are opportunities in academics, programming, database development, system analysis and software engineering. In the Biological Sciences, career opportunities exist in medical, agricultural, animal, environmental, microbial and industrial research as well as academia.

## Faculty

### Dr. Muhammad Aamer Mehmood

Associate Professor / Chairman  
PhD (NIBGE / QAU), Post doc (SJTU, China)  
Specialization: Microalgae/cyanobacteria, high-value products, metabolic pathway engineering, Biomass-Bioenergy  
HEC Approved PhD Supervisor

### Dr. Asma Haque

Associate Professor  
PhD (NIBGE / QAU)  
Specialization: Medical Biotechnology, Molecular Biology of Infectious Diseases, Drug Resistance Studies  
HEC Approved PhD Supervisor

### Dr. Muhammad Qasim

Associate Professor  
PhD (PU)  
Specialization: Cell and Molecular Biology, Human Molecular Genetics, Health Biotechnology, Bioinformatics, High Throughput Genome Analysis  
HEC Approved PhD Supervisor

### Dr. Usman Ali Ashfaq

Associate Professor  
PhD (PU)  
Specialization: Virology, Molecular Medicine, Molecular Biology, Bioinformatics, Computer Aided Drug Designing  
HEC Approved PhD Supervisor

### Dr. Tayyaba Shaheen

Associate Professor  
PhD (NIBGE / QAU)  
Specialization: Plant Biotechnology  
HEC Approved PhD Supervisor

### Dr. Muhammad Shareef Masoud

Associate Professor  
PhD (PU)  
Specialization: Molecular Biology, Stem Cell and Regenerative Medicine, Health Biotechnology  
HEC Approved PhD Supervisor

### Dr. Mahmood-ur-Rahman Ansari

Associate Professor  
PhD (PU)  
Specialization: Molecular Cell Biology, Plant Biotechnology, Bioinformatics  
HEC Approved PhD Supervisor

### Dr. Nazia Nahid

Assistant Professor  
PhD (NIBGE / QAU), Post doc (USA)  
Specialization: Molecular Biology, Molecular Virology

### Dr. Muhammad Zubair

Assistant Professor  
PhD (Sweden)  
Specialization: Medicinal Plants, Health Biotechnology  
HEC Approved PhD Supervisor

### Dr. Farrukh Azeem

Assistant Professor  
PhD (France), Post-Doc (China)  
Specialization: Plant Molecular Biology, Bioinformatics  
HEC Approved PhD Supervisor

### Dr. Mohsin Tariq

Assistant Professor  
PhD (NIBGE / QAU), Post doc (USA)  
Specialization: Plant-Microbe Interaction  
HEC Approved PhD Supervisor

### Dr. Muhammad Rizwan Javed

Assistant Professor  
PhD (NIBGE / QAU)  
Specialization: Enzyme Biotechnology, Genetic Engineering, Metabolic Pathway Engineering  
HEC Approved PhD Supervisor

### Dr. Muhammad Afzal

Assistant Professor  
PhD (Netherlands), Post-Doc (Sweden)  
Specialization: Bioinformatics, Molecular Biology, Gene Expression, Transcriptomics

### Dr. Muhammad Shahid

Assistant Professor  
PhD (NIBGE / PIEAS)  
Specialization: Plant-Microbe Interaction, Microbial Biotechnology, Environmental Biotechnology, Nano Biotechnology  
HEC Approved PhD Supervisor

### Dr. Irfan Manzoor

Assistant Professor  
PhD (The Netherlands)  
Specialization: Bioinformatics, Genomics, Gene Expression and Regulation  
HEC Approved PhD Supervisor

### Dr. Muhammad Hussnain Siddique

Assistant Professor  
PhD (France)  
Specialization: Microbial and Enzymatic Engineering, Molecular Biology, Biofuels, Bioinformatics  
HEC Approved PhD Supervisor

### Dr. Habib Ullah Nadeem

Assistant Professor  
PhD (NIBGE / QAU)  
Specialization: Enzyme Biotechnology, Protein Engineering  
HEC Approved PhD Supervisor

### Dr. Asad Ali Shah

Assistant Professor (On Study Leave)  
PhD (South Korea)  
Specialization: Metabolic Engineering, Antibiotic Resistance in Bacteria

### Dr. Sadia Liaquat

Assistant Professor  
PhD (NIBGE / PIEAS)  
Specialization: Genomics, Health Biotechnology

### Dr. Madiha Hamyat

Assistant Professor (On Leave)  
PhD (China), Specialization: Bioinformatics, Plant Biotechnology, Molecular Biology

### Dr. Ijaz Rasul

Assistant Professor  
PhD (The Netherlands)  
Specialization: Plant Molecular Biology, Plant Breeding and Genetics, Plant Virology

## Scheme of Studies

### BS Bioinformatics

Semester 1		
BIT-301	Cell Biology	3(2-1)
BIT-303	Fundamentals of Genetics	4(3-1)
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ENG-321	Functional English	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)



Semester 2		
BIT-302	Molecular Biology	4(3-1)
BCH-322	Elementary Biochemistry	3(2-1)
CSI-322	Introduction to Computer Programming	4(3-1)
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-322	Introduction to Calculus	3(3-0)
Semester 3		
MIC-301	Introductory Microbiology	3(2-1)
BIT-403	Molecular Genetics	4(3-1)
BIT-405	Introduction to Biotechnology	3(2-1)
CSI-421	Data Structure and Algorithms	4(3-1)
MTH-423	Differential Equations and Transforms	3(3-0)
CHM-305	General Chemistry	3(3-0)
Semester 4		
BIN-402	Introduction to Biological Data Retrieval	4(3-1)
BIT-404	Molecular Evolution	3(3-0)
STA-507	Biostatistics	4(3-1)
BIN-408	Applications of Biotechnology	2(2-0)
CSI-422	Object Oriented Programming	4(3-1)
MTH-424	Linear Algebra	3(3-0)
Semester 5		
BIN-501	Essentials of Biological Data Analysis	4(3-1)
BIN-503	Essential Laboratory Techniques	2(0-2)
CSI-521	Database Management Systems	4(3-1)
CSI-523	Discrete Structures	2(2-0)
CSI-525	Information Modeling	3(3-0)
MTH-521	Discrete Mathematics	3(3-0)
Semester 6		
BIT-502	Proteomics	3(3-0)
BIT-504	Genomics	3(3-0)
BIN-506	Advances in Biological Data Analysis	4(3-1)
BIN-508	Social, Ethical and Legal Issues in Bioinformatics	2(2-0)
CSI-522	Bioinformatics Software Development-I	3(1-2)
CSI-524	Computer Graphics and Visualization	3(2-1)
Semester 7		
BIN-601	Advances in Bioinformatics	3(2-1)

BIN-603	Bioinformatics Scripting	3(2-1)
BIN-605	Modeling and Simulations	3(2-1)
BIN-607	Systems Biology	3(3-0)
CSI-621	Bioinformatics Software Development-II	3(1-2)
CSI-623	Artificial Intelligence	2(2-0)
Semester 8		
BIN-602	Research Methodologies in Bioinformatics	3(0-3)
BIN-604	Recent Trends in Bioinformatics	3(3-0)
	OR	
BIN-631	Project	6(0-6)

## BS Biotechnology

Semester 1		
BIT-301	Cell Biology	3(2-1)
BIT-303	Fundamentals of Genetics	4(3-1)
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ENG-321	Functional English	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
Semester 2		
BIT-302	Molecular Biology	4(3-1)
BIT-304	Biophysics	3(3-0)
BIT-306	Biodiversity and Systematics	3(3-0)
BCH-322	Elementary Biochemistry	3(2-1)
ENG-322	English Comprehension and Composition	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
MIC-301	Introductory Microbiology	3(2-1)
BIT-403	Molecular Genetics	4(3-1)
BIT-405	Introduction to Biotechnology	3(2-1)
BIT-407	Essentials of Immunology	3(3-0)
BCH-421	Advanced Biochemistry	3(2-1)
CHM-305	General Chemistry	3(3-0)
Semester 4		
BIN-402	Introduction to Biological Data Retrieval	4(3-1)
BIT-404	Molecular Evolution	3(3-0)

STA-507	Biostatistics	4(3-1)
BIT-408	Biosafety	2(2-0)
BIT-410	Cell and Tissue Culture	3(2-1)
BIT-412	Microbial Biotechnology	3(2-1)
Semester 5		
BIN-501	Essentials of Biological Data Analysis	4(3-1)
BIT-503	Recombinant DNA Technology	4(3-1)
BIT-505	General Virology	3(3-0)
BIT-507	Techniques in Biotechnology	3(2-1)
BIT-509	Health Biotechnology	3(3-0)
BIT-511	Forensic Serology and DNA Typing	3(3-0)
Semester 6		
BIT-502	Proteomics	3(3-0)
BIT-504	Genomics	3(3-0)
BIT-506	Nanobiotechnology	3(3-0)
BIT-508	Agriculture Biotechnology	3(2-1)
BIT-510	Social, Ethical and Legal Aspects of Biotechnology	3(3-0)
BIT-512	Animal Biotechnology	3(3-0)
Semester 7		
BIT-601	Cell Signaling	3(3-0)
BIT-603	Industrial Biotechnology	4(3-1)
BIT-605	Food and Bioprocess Technology	3(2-1)
BIT-607	Literature Survey and Research Project Management	2(2-0)
BIT-609	Environmental Biotechnology	3(3-0)
BIT-611	Molecular Pathology	3(3-0)
Semester 8		
BIT-602	Research Methodologies in Biotechnology	3(0-3)
BIT-604	Recent Trends in Biotechnology	3(3-0)
	OR	
BIT-631	Project	6(0-6)

## MPhil Bioinformatics

Semester 1		
BIN-701	Advances in Molecular Biology	3(3-0)
BIN-703	Advances in Bioinformatics	3(2-1)
BIN-705	Advances in Artificial Intelligence	3(2-1)



BIN-707	Advances in Information Retrieval and Processing	3(2-1)
<b>Semester 2</b>		
Specialization-I, Specialization-II		
Elective-I, Elective-II		
Specialization-I, II will be chosen from the list below		
Elective-I, II will be chosen from the list below		
<b>Specialization Courses</b>		
BIN-702	Statistical Methods for Computational Biology	3(3-0)
BIN-704	Advances in Computational Algorithms	3(2-1)
BIN-706	Advances in Software Engineering	3(1-2)
BIN-708	Research Methods in Biological Sciences	3(3-0)
BIN-710	Advances in Genomics and Proteomics	3(3-0)
<b>Elective Courses</b>		
BIN-732	Modern Techniques in Molecular Biology	3(2-1)
BIN-734	Metabolomics	3(3-0)
BIN-736	DNA Microarrays and Integrative Genetics	3(3-0)
BIN-738	Nanotechnology	3(3-0)
<b>Mandatory requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
BIN-728	Seminar (General)	1(0-1)
BIN-729	Seminar (Research)	1(0-1)
BIN-730	Thesis	6(0-6)



## MPhil/PhD Biotechnology

BIT-701	Modern Biotechnology: Principles and Applications	3(3-0)
BIT-702	Modern Techniques in Biotechnology	3(3-0)
BIT-703	Genetic Engineering	3(3-0)
BIT-704	Bioresource Technology	3(3-0)
BIT-705	Advances in Cell and Molecular Biology	3(3-0)
BIT-706	Molecular Virology	3(3-0)
BIT-707	Molecular Data Analyses	3(3-0)
BIT-708	Plant Molecular Physiology	3(3-0)
BIT-710	Protein Engineering and Enzyme Technology	3(3-0)
BIT-712	Plant-Microbe Interaction	3(3-0)
BIT-714	Advances in Molecular Pathology	3(3-0)
BIT-716	Advances in Stem Cell Technology	3(3-0)
BIT-718	Advances in Medical Biotechnology	3(3-0)
BIT-720	Advances in Plant Biotechnology	3(3-0)
BIT-722	Metabolic Engineering and Biofuels	3(3-0)
BIT-724	Advances in Environmental Biotechnology	3(3-0)
BIT-781	Recent Trends in Biotechnology	3(3-0)
BIT-782	Project Planning, Maintenance and Evaluation	3(3-0)
BIT-783	Recent Trends in Cell and Molecular Biology	3(3-0)
BIT-784	Recent Methods in Biotechnology Research	3(3-0)
BIT-785	Recent Trends in Industrial Microbiology and Biotechnology	3(3-0)
BIT-786	Recent Trends in Medical Biotechnology	3(3-0)
BIT-787	Recent Trends in Environmental Biotechnology	3(3-0)
BIT-788	Recent Trends in Bio-Energy	3(3-0)
BIT-789	Recent Trends in Plant Biotechnology	3(3-0)
BIT-790	Recent Trends in Food Biotechnology	3(3-0)
BIT-791	Recent Trends in Virology	3(3-0)
BIT-792	Recent Trends in Immunology	3(3-0)
BIT-793	Molecular Toxicology	3(3-0)
BIT-795	Recent Trends in Cell and Tissue Culture Technology	3(3-0)
BIT-796	Modern Methods in Industrial Biotechnology	3(3-0)
<b>Mandatory requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
BIT-728	Seminar (General)	1(0-1)

BIT-729	Seminar (Research)	1(0-1)
BIT-730	Thesis	6(0-6)
<b>Mandatory requirements for PhD</b>		
STA-795	Statistics for Research	3(2-1)
BIT-758	Seminar (General)	1(0-1)
BIT-759	Seminar (Research)	1(0-1)
BIT-760	Thesis	



## Department of Botany

Phone: 041-9203024  
Email: botany@gcuf.edu.pk



### Vision

Exploration of natural world of plants and allied creature for unraveling vast untapped resources of nature for the benefit of human race as well as the glorification of knowledge

### Mission

We are committed to ordain human capital with excellence in the changing scientific scenario through innovative and interactive learning and research.

### Introduction

Being one of the oldest academic disciplines of this institution, the department is privileged to have a strong faculty and academic program. At present, this department is offering degree courses for BS (Hons), M.Sc, MPhil and PhD programs. Department of Botany has gained credence from the comity of global academic and research institutions. Currently the department has signed MoUs with WWF, Pakistan, North West A & F University, China and Tohoku University, Japan for research and academic collaboration.

Department aims to provide quality education in diverse areas of research. A well-knit research program with due liaison with relevant industries and partner national research organization exists at Department of Botany. We are striving to nurture our industry with trained and skilled manpower and with the development of "early bird" innovative production processes. Our research activities on medicinally important plant-derived constituents, nutritional fortification of edible grain crops, development of industrially important fungal enzymes and natural pigments, edibles free from biotic contaminants, etc. are being valued by national industrial enterprises. An all-out academia-industry linkage initiative has taken off from this forum and the relevant entrepreneurs are approaching us for collaborative research ventures of mutual interest.

A number of nationally and internationally funded research projects are also underway, and the academia is focusing on to broaden need-based research endeavors. Molecular Biology,

Plant Physiology, Integrative Biology, Environmental Biology, Economic Botany, Mycology, Microbiology and Biotechnology are some of the focal areas of research at this establishment. Currently research work is being carried out in the fields of plant molecular biology, fortification of cereal crops, medicinal plants and nutraceuticals, seed priming, enzymology, plant tissue culture, stress physiology, biochemistry, phytoremediation and heavy metal tolerance, improving crop acclimation to different agro-climatic zones and fungal taxonomy. Research on genetic basis of stress tolerance in different crops is also underway. The genomic resources are being utilized to enhance crop production by gene manipulation. Furthermore, research activities on seed metabolism, plant nutrition and plant growth regulators are in progress for different economically important crops and medicinal plants.

We are proud to be the host of 1st international symposium of this University in 2006. This department organized two (02) international conferences, five (05) international symposiums and national seminars. Besides active involvement in transferring knowledge to the students, the induction of high class academia is also upgrading the faculty profile of the department. Department of Botany at Government College University, Faisalabad is among the top choices of students for their learning needs throughout Pakistan and the numbers of enrolments are increasing every year. Until now 14 PhDs, 523 MPhil, 752 MSc and 543 BS(Hons) students have completed their studies. At present, 461 students are enrolled in BS (Hons), 403 in MSc, 271 in MPhil and 71 in PhD programs.

### Faculty

#### Dr. Naeem Iqbal

Professor & Chairperson  
PhD (UAF) Post Doc (USA)  
Specialization: Plant Physiology, Molecular Marker Analysis for Stress Tolerance, Economic Botany

### Programs Offered

1. BS Botany
2. MSc Botany
3. MPhil Botany
4. PhD Botany

**Chairperson: Prof. Dr. Naeem Iqbal**

**Dr. Muhammad Iqbal**

Professor  
PhD (UAF) Post Doc (UCR, USA)  
Specialization: Plant Ecophysiology, Stress Signalling and Chemical

**Dr. Rizwan Rasheed**

Associate Professor  
PhD (UAF)  
Specialization: Plant Physiology / Molecular Biology / Histology

**Dr. Saqib Mahmood**

Associate Professor  
PhD (UAF)  
Specialization: Stress Physiology, Metabolite Chemistry

**Dr. Iqbal Hussain**

Associate Professor  
PhD (UAF) Post Doc (Japan)  
Specialization: Plant Physiology, Gene Expression Analysis

**Dr. Syed Hammad Raza**

Associate Professor  
PhD (UAF) Post Doc (UK)  
Specialization: Plant Stress Physiology and Molecular Ecology/  
Environmental Biology

**Dr. Muhammad Saeed**

Associate Professor  
PhD (China)  
Specialization: Crop Genetics & Breeding

**Dr. Nudrat Aisha Akram**

PhD (UAF)  
Associate Professor  
Specialization: Plant Stress Physiology

**Dr. Shagufta Parveen**

Associate Professor  
PhD (UAF)  
Specialization: Plant Stress Physiology

**Dr. Muhammad Tariq Javed**

Associate Professor  
PhD (SU, Sweden)  
Specialization: Plant Stress Physiology, Plant Biochemistry, Fluorescence  
Microscopy

**Dr. M. Zulqurnain Haider**

Assistant Professor  
PhD (France)  
Specialization: Integrative Biology of Plants

**Dr. M. Arslan Ashraf**

Assistant Professor  
PhD (UAF), Post Doc. (USA)

Specialization: Plant Stress Physiology

**Dr. Qasim Ali**

Assistant Professor  
PhD (UAF)  
Specialization: Plant Physiology, Plant Nutrition

**Dr. Muhammad Azeem**

Assistant Professor  
PhD (France)  
Specialization: Plant Molecular & Cell Biology

**Dr. Sara Zafar**

Assistant Professor  
PhD (GCUF)  
Specialization: Plant Physiology

**Dr. Muhammad Nawaz**

Assistant Professor  
PhD (GCUF)  
Specialization: Plant Biotechnology and Plant Molecular Physiology,  
Bioinformatics

**Dr. Rohina Bashir**

Assistant Professor  
PhD (UAF)  
Specialization: Plant Biotechnology

**Dr. Nusrat Parveen**

Assistant Professor  
PhD (UAF)  
Specialization: Plant Physiology

**Dr. M. Sohail Akram**

Assistant Professor  
PhD (University of the Punjab)  
Specialization: Plant Transformation, Plant Molecular Biology

**Dr. Noman Habib**

Assistant Professor  
PhD (UAF)  
Specialization: Plant Physiology

**Dr. Abida Parveen**

Assistant Professor  
PhD (UAF)  
Specialization: Plant Stress Physiology

**Dr. Ali Noman**

Assistant Professor  
PhD (China)  
Specialization: Crop Biotechnology

**Ms. Bazgha Zia**

Lecturer

MPhil (UAF)

Specialization: Plant Tissue Culture

**Mr. Muhammad Akram**

Lecturer  
M. Phil (UAF)  
Specialization: Plant Tissue Culture

**Ms. Beenish Afzal**

Research Officer  
MPhil (GCUF)  
Specialization: Plant Physiology

**Ms. Zahida Perveen**

Teaching Assistant  
M. Phil (GCUF)  
Specialization: Plant Physiology

## Scheme of Studies

### BS Botany

Semester 1		
BOT-301	Diversity of Plants	4(3-1)
ENG-321	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-321	Mathematics (Math/Stat-I)	3(3-0)
ZOL-301	Principals in animal life-I	3(2-1)
CHM-301	Physical Chemistry-I	3(2-1)
Semester 2		
BOT-302	Systematic, Anatomy and Development	4(3-1)
ENG-322	English Comprehensive & Composition	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ZOL-302	Principals in animal life-II	3(2-1)
CHM-302	Inorganic Chemistry-II	3(2-1)
BIN-422	Introduction to Bioinformatics	3(2-1)
Semester 3		
BOT-401	Cell Biology, Genetics and Evolution	4(3-1)
ENG-421	Communication Skills	3(3-0)
CSI-421	Introduction to Computing Applications	3(2-1)
ZOL-401	Animal diversity-I	3(2-1)
CHM-401	Organic Chemistry -I	3(2-1)
Semester 4		
BOT-402	Plant Physiology and Ecology	4(3-1)



BOT-404	Biodiversity and Conservation	4(3-1)
STA-354	Applied Statistics Theory	3(3-0)
ZOL-402	Animal diversity-II	3(2-1)
CHM-402	Chemistry special topics	3(2-1)
<b>Semester 5</b>		
BOT-501	Bacteriology and Virology	3(2-1)
BOT-503	Phycology and Bryology	3(2-1)
BOT-505	Mycology and Plant Pathology	3(2-1)
BOT-507	Diversity of Vascular Plants	3(2-1)
BOT-509	Plant Systematics	3(2-1)
BOT-511	Anatomy of Vascular Plants	3(2-1)
<b>Semester 6</b>		
BOT-502	Genetics-I	3(2-1)
BOT-504	Plant Biochemistry-I	3(2-1)
BOT-506	Plant Ecology-I	3(2-1)
BOT-508	Plant Physiology-I	3(2-1)
BOT-510	Plant Molecular Biology	3(2-1)
POL-406	Introduction to International Relations	3(3-0)
<b>Semester 7</b>		
BOT-601	Plant Biochemistry-II	3(2-1)
BOT-603	Plant Ecology-II	3(2-1)
BOT-605	Plant Physiology-II	3(2-1)
BOT-607	Genetics-II	3(2-1)
BOT-609	Lab Techniques	2(1-1)
ENG-611	English for Employment	3(3-0)
<b>Semester 8</b>		
BOT-602	Environmental Biology	3(2-1)
BOT-604	Phytohormones	3(2-1)
BOT-606	Plant Metabolism	3(2-1)
BOT-608	Plant Tissue Culture	3(2-1)
BOT-610	Plant Stress Physiology	3(2-1)
BOT-612	Nitrogen Assimilation & Metabolism	3(2-1)
BOT-614	Plant Bioinformatics	3(2-1)
BOT-616	Career Counselling in Plant Sciences	1(1-0) *
BOT-630	Thesis	6(0-6)
	* Non Credit Hour Course	

## MSc Botany

Semester 1		
BOT-551	Diversity in Non-Flowering Plants-I (Viruses, Bacteria & Algal Protoctist)	3(2-1)
BOT-553	Plant Cell Biology	3(2-1)
BOT-555	Plant Biochemistry-I	3(2-1)
BOT-557	Plant Ecology-I	3(2-1)
BOT-559	Plant Physiology-I	3(2-1)
BOT-561	Molecular Genetics-I	3(2-1)
Semester 2		
BOT-552	Plant Anatomy	3(2-1)
BOT-554	Systematic and Plant Taxonomy	4(3-1)
BOT-556	Lab Techniques	2(1-1)
BOT-558	Environmental Biology	4(3-1)
BOT-560	Biodiversity and Conservation	3(3-0)
STA-507	Biostatistics	3(3-0)
Semester 3		
BOT-651	Diversity in Non-Flowering Plants-II	3(2-1)
BOT-653	Plant Ecology-II	3(2-1)
BOT-655	Plant Physiology-II	3(2-1)
BOT-657	Fungi and Plant Pathology	3(2-1)
BOT-659	Molecular Genetics-II	3(2-1)
BOT-661	Plant Biochemistry-II	3(2-1)
Semester 4		
BOT-652	Plant Metabolism	3(2-1)
BOT-654	Phytohormones	3(2-1)
BOT-656	Plant Tissue Culture	3(2-1)
BOT-658	Plant Stress Physiology	3(2-1)
BOT-660	Nitrogen Assimilation & Metabolism	3(2-1)
BOT-664	Career Counselling in Plant Sciences	0(0-0) *
BOT-630	Thesis	6(0-6)
	* Non Credit Hour Course	

## MPhil / PhD Botany

Theory Courses		
BOT-701	Enzymology and Metabolism	3(2-1)
BOT-702	Plant Growth Regulators	3(2-1)
BOT-703	Advanced Plant Physiology	3(2-1)

BOT-704	Enzyme Kinetics	3(2-1)
BOT-705	Environmental Biology and Legislation	3(2-1)
BOT-706	Molecular Ecology	3(2-1)
BOT-707	Signaling in Plants	3(2-1)
BOT-708	Gene Technology	3(2-1)
BOT-709	Plant Microtechniques	3(2-1)
BOT-710	Research and Project Management	3(2-1)
BOT-711	Pants and Global Changes	3(2-1)
BOT-712	Biological Engineering	3(2-1)
BOT-713	Bioenergetics	3(2-1)
BOT-714	Metabolic Engineering in Plants	3(2-1)
BOT-715	Economic Botany	3(2-1)
BOT-716	Seed Technology	3(2-1)
BOT-717	Plant Electrophysiology	3(2-1)
BOT-718	Cell Cycle Regulation	3(2-1)
BOT-719	New Trends in Phytosociology	3(2-1)
BOT-720	Plant Water and Nutrient Acquisition	3(2-1)
BOT-721	Allelopathy	3(2-1)
BOT-722	Phytoremediation of toxicants	3(2-1)
BOT-723	Plant – microbe interactions	3(2-1)
BOT-724	Computational Plant Biology	3(2-1)
BOT-725	Evolutionary Biology	3(3-0)
BOT-726	Plant Bio-fuels and Bio-energy	3(2-1)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
BOT-728	Seminar (General)	1(0-1)
BOT-729	Seminar (Research)	1(0-1)
BOT-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
BOT-758	Seminar (General)	1(0-1)
BOT-759	Seminar (Research)	1(0-1)
BOT-727	Career Counselling in Plant Sciences	0(0-0) *
BOT-760	Thesis	

## Institute of Home & Food Sciences

Phone: 041-9203032

Email: linknisa@gcuf.edu.pk



### Vision & Mission

To produce high caliber graduates in the field of Food Science, Nutrition & Home Economics who will be well equipped through the training they receive, to support the rapid changes in food industries and sustain the industrial and economic development of Pakistan. This vision is pursued in par with core values of the University which are integrity, excellence, teamwork, discipline and dedication to work. The Institute has pursued its teaching and research program in recognition of the fact that the food industry in Pakistan is still in its fledging state. Hence it is important that this program is offered to train the needed manpower and expertise that will help the industry and will produce the healthy community that will contribute to accelerate the economic development of country. The Institute selects courses that are aimed at offering the students a good understanding of the basic principles of Food Technology according to the growing and dynamic needs of food industry. According to the international education standards for degree program in Food Technology, the course content of any undergraduate syllabus should cover the following categories: Food Chemistry and Analysis, Food Safety and Microbiology, Food Processing and Engineering, Applied Food Science. Poor nutritional indicators for Pakistan demanded some initiatives to uplift the nutritional status and initiation of Human Nutrition and Dietetics degree is important mile stone in this context. This degree is not only produced skill nutritionist but also enhance the awareness regarding the issue that ultimately will uplift the nutritional status of the country. Home Economics is committed to be a leading academic center of excellence in teaching, research and skilled programs at national and international level. This field provides an

opportunity to study five major discipline of Home Economics i.e. Food and Nutrition, Textiles and Clothing, Applied Art and Design, Human Development & Family Studies, Interior and Environmental Design and Resource & Facility Management a unique blend of science and other related subjects opens future revenue for personnel professional, skilled income generating and social enhancement.

### Introcuction

The Department of Food Science, Nutrition and Home Economics at Government College University Faisalabad was established in 2013 and is one of the best food science departments in the country. The outstanding faculty, state-of-the-art building and laboratory facilities, and friendly and dedicated staff members make the Department a pleasant place to study and conduct research. Our undergraduate Major offers students' hands-on science dealing with real-world applications; small, friendly atmosphere; world-class internship experiences in collaboration with international institutions like:

- Laboratoire d'Ingénierie des Biomolécules (LIBio), Université de Lorraine, France
- Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University, USA
- Faisalabad Confectionary Association, Pakistan
- Engro Foods Limited, Karachi
- Halal Research Council, Pakistan
- The Halal Science Centre Chulalongkorn University, Thailand
- Pakistan Council for Scientific and Industrial Research
- The University of Gambia
- Kyungpook National University, South Korea
- Iowa State University, USA

### Programs Offered

1. BS Human Nutrition & Dietetics
2. BS Food Science & Technology
3. BS Home Economics
4. MS & Ph.D Food Science & Technology
5. MS & Ph.D Food & Nutrition
6. MS & Ph.D Human Nutrition and Dietetics
7. Post Graduate Diploma in Scientific and Regulatory Affairs (1 Year)
8. Post Graduate Diploma in Halal industry (1 Year)

Director: Dr. Mahr un Nisa



- Amanah Halal Research Centre, Germany

Our graduate program offers graduate study leading to Masters of Science and Doctor of Philosophy degrees. Graduate students receive in-depth training in the core disciplines of Food and Nutrition, Food Chemistry, Food Microbiology, Food Engineering and Processing, Food Safety, Food Service Management, Human Nutrition and Textile and Clothing.

## Objectives

1. To produce competent Food Scientists/Technologists with adequate scientific background to meet the needs of public and private sector, organization/industries
2. To provide professional leadership, services and outreach activities in the major areas of Home Economics
3. To develop cost effective appropriate technologies, helpful to boost up value addition in agriculture sector
4. To carry out problem oriented in the field of Nutrition and Food Technology
5. To meet the training needs of public and private sector
6. To produce competent nutritionists and Dietitians for different organizations
7. To understand the issues in different sectors of Food, Nutrition and Home Economics

## Faculty

### Dr. Mahr un Nisa

Ph.D (UAF)  
Associate Professor / Director  
Specialization: Nutrition, Micro Nutrient Metabolism

### Dr. Muhammad Umair Arshad

Ph.D (UAF), Postdoc (Canada)  
Associate Professor  
Specialization: Functional Foods and Nutraceuticals, Utilization of Bioactive Components of Agro-Industrial Waste

### Dr. Rabia Shabir Ahmad

Ph.D (UAF)  
Associate Professor / Incharge (Food Science)  
Specialization: Functional Foods, Human Nutrition, HACCP and Food Analysis

### Dr. Muhammad Tahir Nadeem

Ph.D (UAF)  
Assistant Professor  
Specialization: Food Biotechnology, Nutrition, Cereal Sciences, Fruits and Vegetables Processing

### Dr. Farhan Saeed

Ph.D (UAF)  
Postdoc. (Australia)  
Associate Professor  
Specialization: Cereal Science: Wheat Quality and Characterization, Starch Chemistry, Functional Foods, Food Analysis

### Dr. Zarina Mushtaq

Ph.D (UAF)  
Assistant Professor  
Specialization: Food Microbiology, Dietetic Food, Food Borne Illness and Its Prevention

### Dr. Muhammad Kamran Khan

Ph.D (France), Postdoc. (Australia)  
Assistant Professor  
Specialization: Food Chemistry and Analysis, Application of Ultrasound in Food Processing, Effect of Industrial Processes on Potential Bioactive Components

### Dr. Muhammad Imran

Ph.D (UAF)  
Assistant Professor  
Specialization: Food Ingredient Technology, Functional Foods Chemistry, Food Process Engineering

### Dr. Nazir Ahmad

Ph.D (France)  
Assistant Professor  
Specialization: Health Biotechnology, Nutrition and Food Metabolism

### Dr. Ali Imran

Ph.D (UAF)  
Assistant Professor  
Specialization: Human Nutrition, Dietary Cure for Metabolic Syndrome, Functional Foods and Nutraceuticals

### Dr. Muhammad Sajid Arshad

Ph.D (UAF), Postdoc. (South Korea)  
Assistant Professor  
Specialization: Meat Science and Nutrition, Functional Foods, Food Irradiations, Halal Foods

### Dr. Adeela Yasmin

Ph.D (UAF)  
Assistant Professor  
Specialization: Clinical Nutrition, Prebiotics, Dairy Technology

### Dr. Bushra Niaz

Ph.D (UAF)  
Assistant Professor  
Specialization: Food Microbiology and Biotechnology

### Dr. Aftab Ahmad

Ph.D (GCUF)  
Assistant Professor  
Specialization: Food and Nutrition, Nutritional biochemistry, Functional Foods and Nutraceuticals

### Dr. Muhammad Afzaal

Ph.D (GCUF)  
Assistant Professor  
Specialization: Food Microbiology and Biotechnology

### Dr. Muhammad Haseeb Ahmad

Ph.D (Germany)  
Assistant Professor  
Specialization: Food Science and Technology

### Dr. Huma Umbreen

Ph.D (GCUF)  
Assistant Professor  
Specialization: Food and Nutrition

### Ms. Hafiza Saima Tahir

M.Sc (Hons) (UAF)  
Lecturer  
Specialization: Dairy Technology

### Dr. Farhana Nosheen

PhD (UAF), Post-Doc (USA)  
Assistant Professor / Incharge Home Economics  
Specialization: Agriculture Extension, Gender and Development

### Ms. Uzma Khalid

M.Sc (UAF)  
Lecturer  
Specialization: Food and Nutrition

### Ms. Sumaira Rehman

M.Sc (PU)  
Lecturer  
Specialization: Management Studies

### Ms. Umaira Bilal

M.Sc (PU)  
Lecturer

Specialization: Textiles and Clothing

**Ms. Sabeen Rehman**

M.Sc (PU)

Lecturer

Specialization: Art and Design

**Ms. Sidra Shahzadi**

Bachelor in Fine Arts (GCUF)

Lecturer

Specialization: Fine Art and Textile Design

**Ms. Zunaira Tahir**

MS (GCUF)

Lecturer

Specialization: Food and Nutrition

**Ms. Unsa Noureen**

MS (UAF)

Lecturer

Specialization: Textiles and Clothing

**Ms. Humna Saleem**

MS (UAF)

Lecturer

Specialization: Food and Nutrition

**Mr. Haroon Munir**

M.Sc (Hons.) (UAF)

Teaching Assistant

Specialization: Fruits and Vegetable Processing

## Scheme of Studies

### BS Food Science & Technology

Semester 1		
MTH-321 BHS-316	Mathematics-I OR Biology-I	3(3-0) 3(2-1)
STA-322	Introduction to Statistical Theory – I	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
PST-321	Pakistan Studies	2(2-0)
ENG-321	Functional English	3(3-0)
BCH-306	Essentials of Biochemistry	3(3-0)
FST-301	Introduction to Food Science and Technology	3(2-1)
Semester 2		

MTH-322 BHS-317	Mathematics-II OR Biology-II	3(3-0) 3(2-1)
STA-323	Introduction to Statistical Theory – II	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for Non-Muslims only)	2(2-0)
ENG-322	English Composition and Comprehension	3(3-0)
FST-302	Food Production	3(2-1)
FST-304	Food Processing and Preservation	3(2-1)
HND-301	Principles of Human Nutrition	3(3-0)
Semester 3		
PHY-301	Mechanics-I	3 (3-0)
FST-403	Food Quality Management	2(2-0)
FST-405	Food Safety	3(3-0)
FST-407	Instrumental Techniques in Food Analysis	3(1-2)
FST-409	Food Chemistry	3(3-0)
MIC-301	General Microbiology	3(2-1)
Semester 4		
FST-402	Food Business Management	3 (2-1)
FST-404	Dairy Technology	3 (2-1)
FST-406	Unit Operation in Food Processing	3 (2-1)
PHY-302	Mechanics-II	3 (3-0)
FST-408	Fruits and Vegetables Processing	3 (2-1)
FST-410	Food Process Engineering	3 (2-1)
Semester 5		
FST-501	Cereal Technology	3 (2-1)
FST-503	Sugar Technology	3 (2-1)
FST-505	Technology of Fats and Oils	3 (2-1)
FST-507	Food Microbiology	3 (2-1)
FST-509	Beverage Technology	3 (2-1)
FST-511	Meat Technology	3 (2-1)
Semester 6		
HND-302	Community Nutrition	3 (2-1)
FST-504	Food Plant Layout and Sanitation	2 (2-0)
FST-506	Confectionery and Snack Foods	3 (2-1)
FST-508	Bakery Products Technology	3 (2-1)
FST-510	Postharvest Technology	3 (2-1)
FST-514	Food Product Development	3 (2-1)
FST-516	Research Projects and Scientific Writing	2 (1-1)

Semester 7		
FST-601	Extrusion Technology	3(2-1)
FST-603	Fundamentals of Halal Foods	3(3-0)
FST-605	Food Laws and Regulations	3(3-0)
FST-607	Food Biotechnology	3(2-1)
FST-609	Food Packaging	3(2-1)
FST-611	Poultry, Egg and Fish Processing	3(2-1)
Semester 8		
FST-632	Internship	6(0-6)

## BS Human Nutrition & Dietetics

Semester 1		
FST-301	Introduction to Food Science and Technology	3(2-1)
HND-301	Principles of Human Nutrition	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
PST-321	Pakistan Studies	2(2-0)
ENG-321	Functional English	3(3-0)
PSY-305	Introduction to Psychology	3(2-1)
BCH307	Essentials of Biochemistry	3(3-0)
Semester 2		
HND-302	Community Nutrition	3(2-1)
FST-304	Food Processing and Preservation	3(2-1)
HND-304	Fundamentals of Halal Foods	3(3-0)
FST-507	Food Microbiology	3(2-1)
ENG-322	English Composition and Comprehension	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
Semester 3		
HND-401	Dietetics I	3(2-1)
HND-403	Contemporary Nutrition	2(2-0)
HND-405	Metabolism of Nutrients	3(3-0)
HND-407	Analytical Tools in Food and Nutrition	3(1-2)
AHS-303	General Human Anatomy	3(2-1)
AHS-302	General Pathology	3(2-1)
BNB-405	Introduction to Biotechnology	3(2-1)
Semester 4		
HND-402	Dietetics II	3(2-1)
HND-404	Life Cycle Nutrition	3(3-0)



HND-406	Food Safety and Toxicology	3(3-0)
HND-408	Assessment of Nutritional Status	3(2-1)
AHS-404	Applied Anatomy	3(2-1)
STA-351	Introduction to Statistical Theory	3(3-0)
<b>Semester 5</b>		
HND-501	Nutrients Drugs Interaction	3(3-0)
HND-503	Functional Foods and Nutraceuticals	3(3-0)
HND-505	Meal Planning and Management	3(2-1)
HND-507	Nutrition in Emergency	3(3-0)
HND-509	Nutritional Biochemistry	3(3-0)
PHS-301	Functional Anatomy and Physiology-I	3(2-1)
<b>Semester 6</b>		
HND-502	Clinical and Therapeutic Nutrition	3(2-1)
HND-506	Diet Modeling and Counseling	3(2-1)
HND-508	Vitamins and Minerals in Nutrition	3(3-0)
BCH-602	Biochemistry of Diseases	3(2-1)
PHS-302	Functional Anatomy and Physiology-II	3(2-1)
PHM-701	General Pharmacology	3(3-0)
<b>Semester 7</b>		
HND-601	Medical Nutrition Therapy	3(2-1)
HND-603	Nutrition in Exercise and Sports	3(3-0)
HND-605	Nutritional Deficiency Disorders	3(2-1)
HND-607	Infant and Young Child Feeding	3(2-1)
HND-609	Research Projects and Scientific Writing	2(1-1)
HND-611	Nutrition Policy and Public Health	3(3-0)
<b>Semester 8</b>		
HND-632	Internship (Six month) and Report Writing	6(0-6)

## BS Home Economics

<b>Semester 1</b>		
HEC-301	Introduction to Home Economics	2(2-0)
HEC-303	Fundamentals of Food & Nutrition	3(2-1)
HEC-305	Introduction to Art and Design	3(2-1)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
BOT-303	Functional Biology	3(2-1)
PST-322	Pakistan Studies	2(2-0)

<b>Semester 2</b>		
HEC-302	Meal Management	3(2-1)
HEC-304	Textiles and Clothing	3(2-1)
HEC-306	Applied Art and Design	3(2-1)
ENG-322	English Comprehension and Composition	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
BCH-301	Introductory Biochemistry	4(3-1)
<b>Semester 3</b>		
HEC-401	Home Management & Housing	3(2-1)
HEC-403	Clothing and Consumer Education	3(2-1)
HEC-405	Life Span Development	3(2-1)
HEC-407	Family Economics	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ENG-421	Communication Skills	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
<b>Semester 4</b>		
HEC-402	Applied Housing & Home Management	3(2-1)
HEC-404	Family and Community Development	3(2-1)
HEC-406	Entrepreneurship Development	3(3-0)
PHY-424	Household Physics	3(2-1)
STA-507	Biostatistics	3(3-0)
<b>Semester 5</b>		
HEC-409	Home Economics Education, Administration & Supervision	3(3-0)
<b>Choose one of the major</b>		
<b>Food Nutrition and Dietetics</b>		
FND-501	Physiological Aspects of Nutrition	3(2-1)
FND-503	Experimental Foods	3(2-1)
FND-505	Advanced Nutrition	3(2-1)
FND-507	Dietetics I (Introduction to Dietetics)	3(2-1)
FND-509	Institutional Management	3(3-0)
<b>Textiles &amp; Clothing</b>		
TAC-501	Textile Chemistry I (Natural Fiber)	3(2-1)
TAC-503	Pattern Making	3(1-2)
TAC-505	Fashion Designing and Illustrations	3(1-2)
TAC-507	Advanced textile	3(2-1)
TAC-509	Marketing and merchandizing	3(3-0)
<b>Applied Art &amp; Design</b>		

AAD-501	Applied Art	3(3-0)
AAD-503	Art Education	3(2-1)
AAD-505	Essentials of Interior Design	3(1-2)
AAD-507	Art in Subcontinent	3(2-1)
AAD-509	Drawing and Painting	3(3-0)
<b>Human Development and Family Studies</b>		
HDF-501	Development from Prenatal to Infancy	3(3-0)
HDF-503	Childhood Care and Development	3(2-1)
HDF-505	Adolescent Development	3(2-1)
HDF-507	Adulthood and Aging	3(2-1)
HDF-509	Psychological Testing	3(3-0)
<b>Interior and Environmental Design</b>		
IED-501	Interior Space Planning I	3(2-1)
IED-503	Fundamentals of Interior Architecture I	3(2-1)
IED-505	Designing the Furniture	3(2-1)
IED-507	Interior Design Application (Perspective Drawing /Studio)	3(1-2)
IED-509	Environmental Aesthetic	3(3-0)
<b>Resources and Facility Management</b>		
RFM-501	Essentials of Management	3(3-0)
RFM-503	Entrepreneurship for home based Industry	3(2-1)
RFM-505	Management of household Affairs	3(2-1)
RFM-507	Fundamentals of Marketing	3(3-0)
RFM-509	Hotel Management	3(3-0)
<b>Semester 6</b>		
HEC-408	Methods in Research	3(3-0)
<b>Food, Nutrition and Dietetics</b>		
FND-502	Public Health Nutrition	3(2-1)
FND-504	Nutritional Biochemistry I	3(3-0)
FND-506	Food Microbiology	3(2-1)
FND-508	Dietetics II (Advanced Dietetics)	3(2-1)
FND-510	Applied Nutrition	3(3-0)
<b>Textiles &amp; Clothing</b>		
TAC-502	Textiles Computer aided Design	3(1-2)
TAC-504	Textile Chemistry II (Man Made Fiber)	3(2-1)
TAC-506	Textile testing	3(3-0)
TAC-508	Fundamentals of Drapping	3(1-2)
TAC-510	Textile dyeing and printing	3(2-1)



Applied Art & Design		
AAD-502	Applied Art	3(3-0)
AAD-504	Islamic Art	3(2-1)
AAD-506	Art Education II	3(1-2)
AAD-508	Painting & Printing Making	3(1-2)
AAD-510	Textile Design and Print Methods	3(3-0)
Human Development and Family Studies		
HDFS-502	Educational Psychology	3(2-1)
HDFS-504	Early Childhood and Guidance	3(2-1)
HDFS-506	Theories of Human Development	3(3-0)
HDFS-508	Communication in Human and Family Relations	3(2-1)
HDFS-510	Counseling and guidance	3(3-0)
Interior and Environmental Design		
IED-502	Interior Space Planning II	3(2-1)
IED-504	Fundamentals of Interior Architecture II	3(2-1)
IED-506	Designing For Soft Furnishing	3(2-1)
IED-508	Interior Environment( Physical Aspect	3(2-1)
IED-510	Interior design professional practice management	3(3-0)
Resources and Facility Management		
RFM- 502	Essentials of Communication	3(3-0)
RFM- 504	House Keeping Management	3(2-1)
RFM- 506	Home Management & Supervision	3(2-1)
RFM- 508	Organizational Behavior	3(3-0)
RFM-510	Small Business Management	3(3-0)
Semester 7		
HEC-631	Research Project	4(0-4)
Food , Nutrition and Dietetics		
FND-633	Preventive Nutrition	3(2-1)
FND-635	Nutritional Biochemistry II	3(3-0)
FND-637	Nutritional Immunology	3(2-1)
FND-639	Life Cycle Nutrition	3(3-0)
FND-641	Sports Nutrition	3(3-0)
Textiles & Clothing		
TAC-633	Dress Designing Through Draping	3(1-2)
TAC-635	Applied Textile Designing	3(2-1)
TAC-637	Experimental textile	3(3-0)

TAC-639	Textile and Clothing Industrial Management	3(2-1)
TAC-641	Economics Social and Psychological Aspects of Clothing	3(3-0)
Applied Art & Design		
AAD-633	Art Appreciation	3(3-0)
AAD-635	Weaving	3(2-1)
AAD-637	Graphic Communications	3(2-1)
AAD-639	Method of Art Education	3(1-2)
AAD-641	Commercial Art	3(3-0)
Human Development & Family Studies		
HDF-633	Abnormal Psychology	3(2-1)
HDF-635	Elementary Education and Administration	3(2-1)
HDF-637	Positive Psychology	3(2-1)
HDF-639	Exceptional children	3(2-1)
HDF-641	Family Problem and Intervention	3(2-1)
Interior & Environmental Design		
IED-633	Environmental Management	3(2-1)
IED-635	Designing Functional Spaces For Special Needs	3(2-1)
IED-637	Environmental Aesthetics	3(2-1)
IED-639	Interior Design Project	3(0-3)
IED-641	Consumer Marketing Strategies	3(2-1)
Resources & Facility Management		
RFM- 633	Human Resource Management	3(2-1)
RFM- 635	Consumer Economics	3(2-1)
RFM- 637	Consumer Behavior	3(2-1)
RFM- 639	Family Finance	3(3-0)
RFM- 641	Small Business Management	3(3-0)
Semester 8		
HEC-632	Internship	6(0-6)

## MS/PhD Food Science &amp; Technology

FST-701	Food Additives	3(2-1)
FST-702	Food Toxicology	3(3-0)
FST-703	Advanced Food Chemistry	3(2-1)
FST-704	Food Enzymology	3(2-1)
FST-705	Advanced Food Biotechnology	3(2-1)
FST-706	Advanced Food Microbiology	3(2-1)
FST-707	Recent Advances in Food Science and Technology	3(3-0)
FST-708	Advanced Beverage Technology	3(2-1)
FST-709	Food Quality Assurance Management	3(3-0)
FST-710	Food Chain Management	3(3-0)
FST-711	Milling of Cereals	3(2-1)
FST-712	Baking Science and Technology-I	3(2-1)
FST-713	Baking Science and Technology-II	3(2-1)
FST-714	Starch Chemistry and Technology	3(2-1)
FST-715	Dairy Processing-I	3(2-1)
FST-716	Dairy Processing –II	3(2-1)
FST-717	Chemistry of Edible Oils and Fats	3(2-1)
FST-718	Industrial Processing Technol. of Edible Oils and Fats Products	3(2-1)
FST-719	Technology of Spices and Condiments	3(3-0)
FST-720	Meat Science	3(2-1)
FST-721	Technology of Processed Meat	3(2-1)
FST-722	Prebiotics and Probiotics	3(3-0)
FST-723	Functional Foods and Nutraceuticals	3(2-1)
FST-724	Postharvest Management	3(3-0)
FST-725	Food Packaging	3(2-1)
FST-726	Physical Properties of Food	3(2-1)
FST-727	Food Industrial Waste Management	3(3-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
FST-727	Special Problem	1(1-0)
FST-728	Seminar (General)	1(0-1)
FST-729	Seminar (Research)	1(1-0)
FST-730	Research and Thesis	6(0-6)
Other mandatory requirements for PhD		
STA-795	Statistics for Research	3(2-1)



FST-757	Special Problem	1(1-0)
FST-758	Seminar I (General)	1(1-0)
FST-759	Seminar II (Research)	1(1-0)
FST-760	Research and Thesis	6(0-6)

**Minor Courses:** To be offered during Fall and Spring semesters as per departmental decision and selected from other Departments i.e. Biochemistry, Microbiology and Biotechnology

**Deficiency Courses:** Compulsory to fulfill the requirements of research based degree program (Statistics, Biochemistry)

## MPhil / PhD Food and Nutrition

FAN-701	Physiology and Biochemistry of Human Nutrition	3(3-0)
FAN-702	Principals of Nutritional Assessment	3(3-0)
FAN-703	Community Nutrition	3(3-0)
FAN-704	Dietetics and Applied Nutrition	3(2-1)
FAN-705	Food Toxicology	3(3-0)
FAN-706	Life Cycle Nutrition	3(3-0)
FAN-707	Macro Nutrient Metabolism	3(3-0)
FAN-708	Nutrition and Physical Fitness	3(3-0)
FAN-709	Analytical Techniques in Food and Nutrition	3(2-1)
FAN-710	Process in Clinical Nutrition	3(3-0)
FAN-711	Vitamins in Human Nutrition	3(3-0)
FAN-712	Human and Environmental Allergies	3(3-0)
FAN-713	Maternal and Child Nutrition	3(3-0)
FAN-714	Nutrition in Health and Disease	3(3-0)
FAN-715	Research Methods in Food and Nutrition	3(3-0)
FAN-716	Recent Advances in Food and Nutrition	3(3-0)
FAN-717	Nutritional Assessment and Health Care	3(2-1)
FAN-718	Food Deficiencies and Combating Strategies	3 (2-1)
FAN-719	Need Based Human Nutrition	3(2-1)
FAN-720	Nutraceutical Foods	3(2-1)
FAN-721	Nutritional Disorders and Diet Therapy	3(2-1)
FAN-722	Advanced Dietetics and Applied Nutrition	3(2-1)
FAN-723	Minerals in Human Nutrition	3(3-0)
FAN-724	Human Nutrition and Chronic Diseases	3(3-0)
FAN-725	Nutrition Immunology	3(3-0)
FAN-726	Nutrition Policies and Programmes	3(3-0)
FAN-727	Recent Advances in Human Nutrition	3(3-0)

FAN-728	Nutrition of Laboratory Animals	3(2-1)
FAN-729	Energy Metabolism	3(2-1)
FAN-730	Animal Nutrition for Community Health	3(3-0)
<b>Other mandatory requirements for MS</b>		
STA-795	Statistics for Research	3(2-1)
FAN-727	Special Problem	1(1-0)
FAN-728	Seminar (General)	
FAN-729	Seminar (Research)	1(1-0)
FAN-730	Research and Thesis	6(0-6)
<b>Other mandatory requirements for PhD</b>		
STA-795	Statistics for Research	3(2-1)
FAN-757	Special Problem	1(0-1)
FAN-758	Seminar (General)	1(0-1)
FAN-759	Seminar (Research)	1(0-10)
FAN-760	Research and Thesis	1(0-1)

## MS Human Nutrition and Dietetics

<b>Core Courses for MS</b>		
HND-701	Maternal and Child Nutrition	3(3-0)
HND-705	Clinical Nutrition and Dietetics	3(1-2)
HND-712	Public Health Nutrition	3(2-1)
HND-714	International Nutrition	3(3-0)
HND-716	Analytical techniques in Food and Nutrition	3(2-1)
<b>Optional Courses for MS</b>		
HND-702	Nutrigenomics and Proteomics	3(2-1)
HND-703	Physiology of Digestion and Metabolism	3(2-1)
HND-704	Recent Advances in Nutrition and Dietetics	3(3-0)
HND-706	Molecular Physiology and Immunology of Nutrition	3(2-1)
HND-707	Sports and Exercise Nutrition	3(2-1)
HND-708	Applied Dietetics	3(2-1)
HND-709	Pediatric and Geriatric Nutrition	3(3-0)
HND-710	Professional Dietetics Practices	3(3-0)
HND-711	Food and Nutritional Security: Policy to Practice	3(3-0)
HND-713	Nutritional Epidemiology & Research Methods	3(2-1)
HND-715	Colonic Microbiota and Public Health	3(2-1)

<b>Other mandatory requirements for MS</b>		
STA-795	Statistics for Research	3(2-1)
HND-728	Seminar General	1(0-1)
HND-729	Seminar Research	1(0-1)
HND-730	Thesis	6(0-6)

## PhD Human Nutrition and Dietetics

<b>Core Courses for PhD</b>		
HND-717	Advanced human nutrition	3(3-0)
HND-719	Advanced techniques in food analysis	3(1-2)
HND-718	Advanced medical therapy	3(2-1)
HND-720	Metabolic interrelationships: macronutrients	3(3-0)
HND-721	Clinical assessment of nutritional status	3(2-1)
HND-722	Nutritional epidemiology	3(3-0)
<b>Optional Courses for PhD</b>		
HND-723	Human immunology and nutrition	2(2-0)
HND-724	Biochemical, physiological, and genetic aspects of human nutrition	3(3-0)
HND-725	Cell biology and nutrition	3(3-0)
HND-726	Metabolism of bioactive nutrients	3(3-0)
HND-727	Processes in clinical nutrition	3(2-1)
HND-728	Pathophysiologic basis of metabolic diseases	3(3-0)
HND-729	Health benefits of functional foods	3(3-0)
HND-730	Dietary interventions in public health	3(2-1)
HND-731	Geriatric nutrition	3(3-0)
HND-732	Pre-therapy and allied health	3(3-0)
HND-733	Nutritional genomics	3(3-0)
HND-734	Pathophysiology of obesity	3(3-0)
HND-735	Project designing in nutrition	2(1-1)
<b>Other mandatory requirements for PhD</b>		
HND-758	Seminar General	1(0-1)
HND-759	Seminar Research	1(0-1)
HND-760	Thesis	

## Postgraduate Diploma in Halal Industry

Module 1 – Fundamentals of Halal		
HI-501	Halaal and Haraam in the Light of Quran and Sunnah	24
HI-502	Introduction to Islamic Fiqh about Foods & Beverages	24
HI-503	Introduction to Science of Halal	24
Module 2 – Halal Food Safety		
HI-504	Global Halal Issues	24
HI-505	Halal Products and Services	24
HI-506	Food Safety and Hygiene	24
Module 3 – Halal Inspection		
HI-507	Shariah Guidelines on Slaughtering & Halaal Meat	24
HI-508	Halal Economy, Trade & Finance	24
HI-509	Food Inspection	24
Module 4 – Project		
HI-510	Industry based case study	10

## Postgraduate Diploma in Food Regulatory Affairs

Module 1 (Regulatory Affairs)		
FRA-501	Introduction to Regulatory Affairs of Food and Food Industries	24
FRA-502	From Farm to Family Table: Understanding the Food Regulatory Life Cycle	24
FRA-503	Food Law, Management and Economics	24
Module 2 ( Food Safety)		
FRA-504	Food Safety and Surveillance: Concepts and Applications	24
FRA-505	Food Safety and Modernization	24
FRA-506	Risk Analysis and Hazard Analysis in the Food Industry	24
Module 3 (Food Product Marketing)		
FRA-507	Dossier preparation for novel food product in required international formats	24
FRA-508	Food Industry IPR, Patents, Copyrights and Trademarks	24
FRA-509	Food Product Marketing, Import and Export regulations	24

Module 4 (Project)		
FRA-510	Industry based case study	10



## Directorate of Medical Sciences

Phone: 041-9200876  
Email: dms@gcuf.edu.pk  
drabidrashid37@gmail.com



**Director:**  
**Prof. Dr. Abid Rashid**  
MBBS, FCPS, CMT, Ph.D.

### Field of Speciality

- Work on breast cancer risk factors & role of medicinal plants as chemotherapeutic agents against breast cancer.
- Anti-microbial susceptibility pattern of MRSA and pseudomonas on burn patient in Faisalabad.
- Nano particle role in promotion of non-healing chronic wounds on surgical flour.

### Vision

Educate, train quality induced health professionals and promote medical education at undergraduate, graduate and post graduate level to fill the gap in Public Sector University. With the ambition to established tertiary care health institute (Medical College) which can contribute to quality health services and provide a platform for internship of graduate and post graduate students.

### Mission

To promote and enhance quality health services at community level in Faisalabad. The Directorate of Medical Sciences comprises: **Institute of Allied Health Sciences:**

1. College of Allied Health Professionals
2. College of Physical Therapy
3. Department of Eastern Medicine
4. College of Public Health

### Departments & Programs

#### College of Allied Health Professionals

1. BS Medical Laboratory Technology (MLT)
2. BS Radiography & Imaging Technology (RIT)
3. BS Operation Theatre Technology (OTT)

#### College of Physical Therapy

Doctor of Physical Therapy (DPT)

#### Department of Orthotics & Prosthetics

BS Orthotics & Prosthetics

#### Department of Eastern Medicine

1. Bachelor of Eastern Medicine and Surgery (BEMS)
2. MPhil Phytomedicine
3. PhD Medicine (Mualajat)

#### Department of Public Health

Master of Public Health (MPH)

The above departments are affiliated with 3 well equipped hospitals for clinical training and internship.

## College of Allied Health Professionals

Email: cahp@gcuf.edu.pk, Ph: 041-9201129

### Vision:

To contribute to the field of Medical Sciences through producing the skilful, ethical, and compassionate Allied Health Professionals.

### Mission:

To trained allied health professionals dedicated to providing the best healthcare services for the patient and able to focus on high-quality research that extends beyond allied health sciences to all scientific disciplines that impact the health of patients and community.

### Introducation:

College of Allied Health professionals was established under the flagship of Directorate of Medical Sciences at Government College University, Faisalabad, Pakistan in 2012. We offer 4-Year undergraduate degree programs in the field of Medical Laboratory Technology (MLT), Radiography and Imaging Technology (RIT) and Operation Theatre Technology (OTT). The College of Allied Health professionals with its highly dedicated and experienced faculty members continue to maintain and cultivate its links with the hospitals and healthcare settings within the country. For students' professional training college has signed MoU's with hospitals i.e. National Hospital, Faisalabad, Suraya Majeed Hospital, Faisalabad and Faisal Hospital, Faisalabad, for student training and professional exposure.

### Faculty

#### Dr. Imtiaz Mahmood Tahir

PhD

Assistant Professor / In-Charge

Expertise: Human Diagnostics, Clinical Pharmacognosy, Pharmacogenomics, Pharmacognosy & Chemoresistance

#### Dr. Naheed Akhtar

PhD

Assistant Professor

Expertise: Clinical Chemistry, Pharmacogenomics, Pharmaceutical analysis



**Mr. Muhammad Naeem**

MPhil  
Lecturer  
Expertise: Surgical Technology, Clinical Microbiology, Operation Theatre, Sterilization

**Mr. Jahanzaib Tufail**

MPhil  
Lecturer  
Expertise: Surgical Technology, Clinical Microbiology, Operation Theatre Sterilization

**Ms. Anam Tanvir**

MPhil  
Lecturer  
Expertise: Immunology, Serology and Epidemiology

**Ms. Maria Rasool**

MPhil  
Lecturer  
Expertise: Microbiology & Immunology

**Mr. Abdul Waheed**

MPhil  
Lecturer  
Expertise: Immunology & Serology, Biosafety & Biosecurity, Infection Control

**Mr. Zia Ashraf**

MPhil  
Lecturer  
Expertise: Molecular Biology & Biotechnology, Biocontainment & Biorisk Management

**Ms. Naila Iftikhar**

Research Officer  
Expertise: Medical Imaging Sciences

**Ms. Sadia Sana**

Research Officer  
Expertise: Medical Imaging Sciences

**Ms. Mubashra Aslam**

Research Officer  
Expertise: Medical Imaging Sciences

**Mr. Hamad Rasul**

Research Officer  
Expertise: Operation Theater & CSSD Management

**Scheme of Studies :  
BS Operation Theater Technology**

Semester 1		
AHP-301	Basic and Applied Anatomy	4 (3-1)
PHS-301	Basic Physiology	4 (3-1)
PSY-407	Social Psychology	3 (3-0)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2 (2-0)
MTH-321	Algebra & Trigonometry	2(2-0)
Semester 2		
AHP-302	Pathology	4 (3-1)
PHM-412	Pharmacology and Therapeutics	4 (3-1)
BCH-301	Introductory Biochemistry	4 (3-1)

CSI-321	Introduction to Computing Applications	3 (2-1)
PST-321	Pakistan Studies	2 (2-0)
OTT-302	Fundamentals of Operation Theatre Technology	2(2-0)
Semester 3		
AHP-401	Community Medicine / Public Health	3 (2-1)
ENG-322	English Comprehensive and Composition	3(3-0)
MIC-301	Introductory Microbiology	3 (2-1)
OTT-401	Principles of Surgery	4 (3-1)
OTT-403	Operation Theatre Instruments & Techniques -I	3 (2-1)
OTT-407	Operating Room Skills-I	2(0-2)
Semester 4		
ENG-422	Technical Writing	3(3-0)
OTT-406	Surgical Procedures & Skills I	4(3-1)
OTT-408	Basic Anesthesia & Techniques	3 (2-1)
OTT-412	Operation Theatre Instruments & Techniques II	3(2-1)
OTT-414	Operating Room Skills II	2(0-2)
OTT-416	Surgical Pharmacology	3(2-1)
Semester 5		
OTT-501	Surgical Anatomy I	4 (3-1)
OTT-503	Clinical Pathology	3 (2-1)
PHY-321	Medical Physics	4 (3-1)
OTT-505	Operation Theater Technology – I	4 (3-1)
OTT-507	Operating Room Skills III	2 (0-2)
Semester 6		
OTT-502	Operation Theater Technology – II	4 (3-1)
OTT-504	Sterilization and Disinfection	4 (3-1)
OTT-506	Surgical Anatomy II	3 (2-1)
OTT-508	Advanced Diagnostic Techniques	4 (3-1)
OTT-510	Critical Care	3 (3-0)
Semester 7		
AHP-601	Forensic Medicine	3 (3-0)
STA-507	Biostatistics	3 (3-0)
OTT-603	Operation Theatre Management	3 (2-1)
OTT-605	Clinical & Applied Microbiology	3 (2-1)
OTT-607	Surgical Procedures & Skills II	3 (2-1)
OTT-609	Advanced Anesthesia & Techniques	3 (2-1)



Semester 8		
AHP-602	Epidemiology	3(3-0)
BNB-422	Bioinformatics I	3(2-1)
OTT-604	Biomaterials & Surgical Implants	3(2-1)
OTT-606	Operation Theatre Design & Reconstruction	3(2-1)
OTT-608	Research Project / Term paper	3(0-3)

## BS Radiography & Imaging Technology

Semester 1		
AHP-301	Basic and Applied Anatomy	4 (3-1)
PHS-301	Basic Physiology	4 (3-1)
PSY-407	Social Psychology	3 (2-1)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2 (2-0)
MTH-321	Algebra & Trigonometry	3(3-0)
Semester 2		
AHP-302	Pathology	4 (3-1)
PHM-412	Pharmacology & Therapeutics	4(3-1)
BCH-301	Introductory Biochemistry	4 (3-1)
CSI-321	Intyroduction to COmputiong Applications	3 (2-1)
PST-321	Pakistan Studies	2 (2-0)
RIT-302	Fundamentals of Radiography & Imaging Technology	2 (2-0)
Semester 3		
AHP-401	Community Medicine/ Public Health	3 (2-1)
ENG-322	English Comprehansive & Composition	3(3-0)
MIC-301	Introductory Microbiology	3 (2-1)
RIT-407	Regional & Imaging Anatomy-I	4 (3-1)
RIT-403	Radiation Science & Technology-I	4 (3-1)
RIT-405	Medicine-1	3 (2-1)
Semester 4		
ENG-412	Technical Writing	3(3-0)
RIT-404	General Radiology	4 (3-1)
RIT-406	Medicine-2	4 (3-1)
RIT-408	Radiation Science & Technology-II	4 (3-1)
RIT-410	Neuroanatomy	4 (3-1)
Semester 5		

RIT-501	Clinical Pharmacology	4 (3-1)
RIT-503	CT SCAN	4 (3-1)
RIT-505	Regional & Imaging Anatomy-II	4 (3-1)
RIT-507	Mammography	3 (2-1)
RIT-511	Diagnostic Imaging Skills	2 (0-2)
Semester 6		
RIT-502	Surgery-I	4 (3-1)
RIT-504	Nuclear Medicine-I	4 (3-1)
RIT-506	Special Radiological Techniques	3 (2-1)
RIT-508	Ultrasound/Doppler	4 (3-1)
RIT-510	Fluoroscopy	2 (2-0)
Semester 7		
AHP-601	Forensic Medicine	3 (3-0)
STA-507	Biostatistics	3 (3-0)
RIT-603	MRI-I	4 (3-1)
RIT-605	Angiography & Cardiac Imaging-I	4 (3-1)
RIT-607	Echocardiography	3 (2-1)
Semester 8		
RIT-602	Angiography & Cardiac Imaging-II	3 (2-1)
RIT-604	Nuclear Medicine-II	3 (2-1)
RIT-606	MRI-II	3 (2-1)
RIT-608	Surgery-II	3 (2-1)
RIT-610	Research Project	3 (0-3)

## BS Medical Laboratory Technology

Semester 1		
AHP-301	Basic and Applied Anatomy	4 (3-1)
PHS-301	Basic Physiology	4 (3-1)
PSY-407	Social Psychology	3 (3-0)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2 (2-0)
MTH-321	Algebra & Trigonometry	3(3-0)
Semester 2		
AHP-302	Pathology	4 (3-1)
AHP-304	Introductory Pharmacology	2 (2-0)
PHM-412	Pharmacology & Therapeutics	4(3-1)
BCH-301	Introductory Biochemistry	4 (3-1)

CSI-321	Introducaation to Computing Applications	3 (2-1)
PST-321	Pakistan Studies	2 (2-0)
MLT-302	Fundamentals of Medical Lab Technology	2 (2-0)
Semester 3		
AHP-401	Community Medicine/ Public Health	3 (2-1)
MIC-301	Introductory Microbiology	3 (2-1)
MLT-401	General Hematology	4 (3-1)
AHP-503	Clinical Pathology	3 (2-1)
ENG-322	English Comprehansive & Composition	3(3-0)
MLT-405	Clinical Lab Practice-I	3 (0-3)
Semester 4		
ENG-422	Technical Writing	3(3-0)
MLT-404	Clinical Biochemistry (I & II)	4 (3-1)
MLT-406	Immunology & Serology	4 (3-1)
MLT-408	Histopathology & Histotechnology	4 (3-1)
MLT-410	Clinical Lab Practice-II	3 (0-3)
Semester 5		
MLT-501	Clinical Parasitology	3 (2-1)
MLT-503	Immunohematology & Transfusion Medicine	3 (2-1)
MLT-505	Clinical Bacteriology	4 (3-1)
MLT-507	Biosafety and Hazards	2 (2-0)
MLT-509	Medical Instrumentations & Software Applications	3 (3-0)
MLT-511	Clinical Lab Practice-III	3 (0-3)
Semester 6		
MLT-502	Cytology & Cytotechnology	3 (2-1)
BNB-321	Molecular Biology	3 (2-1)
MLT-504	Clinical Virology & Mycology	3 (2-1)
MLT-506	Advanced Hematology	3 (2-1)
MLT-508	Advanced Immunology	3 (2-1)
MLT-510	Clinical Lab Practice-IV	3 (0-3)
Semester 7		
AHP-601	Forensic Medicine	3 (3-0)
STA-507	Biostatistics	3 (3-0)
MLT-603	Advanced Clinical Biochemistry*	4 (3-1)
MLT-605	Advanced Clinical Microbiology*	4 (3-1)
MLT-607	Advanced Molecular Biology*	4 (3-1)

MLT-609	Advanced Diagnostic & Biomedical Techniques	3 (2-1)
MLT-611	Quality Assurance Management	2 (2-0)
MLT-613	Clinical Genetics	3 (2-1)
* Student will opt any one from these elective subject		
<b>Semester 8</b>		
AHP-602	Epidemiology	3 (3-0)
BNB-422	Bioinformatics-I	3 (2-1)
PHS-503	Endocrinology	3 (2-1)
MLT-604	Clinical Laboratory Management	3 (3-0)
MLT-606	Research Project / Term Paper	3 (0-3)

## College of Physical Therapy

### Vision:

To be a leading College in transformative and innovative education for Rehabilitation (health) professionals, guided by National imperatives and a strong commitment to socially responsive education. We will strive for excellence in professional and teaching excellence, as well as in the development of National and global linkages in education, research and development of global health related to the concern areas

### Mission:

To developed quality health professionals that are practice-oriented, receptive and responsive to the rehabilitation related health care needs of the people of Pakistan and of world as a whole. This will be achieved by providing the highest standards of learning, teaching, and research and community engagement, underpinned by a commitment to creating space for students and staff to succeed.

### Introduction

Physical Therapy is an essential segment of modern health care system. It is a "science of healing and of caring". It pertains to the clinical examination, evaluation, assessment, diagnosis and treatment of musculoskeletal, Neurological, Cardio-Cascular and Respiratory systems' functional disorders including symptoms of pain, edema and physiological, structural and psychosomatic ailments. It deals with methods of treatment based on movement, manual therapy, Physical agents, and therapeutics modalities to relieve the pain and other complications. Hence,



Physical Therapy covers basic parameters of healing sciences i.e. Preventive, promotive, diagnostic, rehabilitative and curative.

### Faculty

**Dr. Muhammad Asif Saleem**

Lecturer / Incharge  
BS,PT (KEMU)T-DPT (MPhil)

**Dr. Awais Bin Inam**

Lecturer  
BS,PT (KEMU), T-DPT (TUF) MS-OMPT(RIU)

**Dr. Syed Rehan Bukhari**

Lecturer (on leave)  
DPT (RIU), MS-OMPT

**Dr. Muhammad Ans**

Lecturer  
PP-DPT (MPhil)

**Dr. Tamjeed Ghaffar**

Lecturer  
DPT (RIU), MS-OMPT (RIU), MS-SPT (RIU)

**Dr. Muhammad Abbas**

Lecturer  
BS,PT (KEMU), T-DPT (KEMU), MS-NMPT (RIU)

**Dr. Hira Mannan**

Lecturer  
BS,PT(UHS), PP-DPT(UHS), MS-OMPT (RIU), PGD(PE & TM)

**Dr. Rafia Imtiaz**

Lecturer  
BS,PT (UHS), TDPT (UHS), CIMT (UHS), MS-NPT (UOL)

**Dr. Muntaha Mushtaq**

Research Officer  
DPT(TUF), MS-OMPT(RIU)

**Dr. Samraiz Mughal**

Research Officer  
DPT (GCUF)

**Dr. Amna Khalid**

Research Officer  
DPT(GCUF)

**Dr. Samawiya Farooq**

Research Officer  
DPT (GCUF)

### Doctor of Physical Therapy (DPT)

<b>Semester 1</b>		
DPT-301	Upper Limb & General Anatomy	4(3-1)
DPT-303	Cardiovascular & Neuromuscular Physiology	3(2-1)
DPT-305	Introduction to Kinesiology	3(2-1)
ENG-321	Functional English	3(3-0)
STA-322	Introduction to Statistical theory-I	3(3-0)
PST-321	Pakistan Studies	2(2-0)
<b>Semester 2</b>		
DPT-302	Lower limb Anatomy & General Histology	4(3-1)
DPT-304	Visceral Physiology	3(2-1)
DPT-306	Clinical Kinesiology	3(2-1)
ENG-322	English Comprehension & Composition	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
<b>Semester 3</b>		
DPT-401	Head and Neck Anatomy& Human Embryology	3(2-1)
DPT-403	Physiology of Reproductive , Nervous & Renal system	3(2-1)
DPT-405	Introduction to Biomechanics & Ergonomics	3(3-0)
DPT-407	Biochemistry & Genetics I	2(2-0)



DPT-409	Introduction to Exercise Physiology	3(3-0)
STA-507	Biostatistics	3(3-0)
<b>Semester 4</b>		
DPT-402	Human Neuro Anatomy	3(2-1)
DPT-404	Advance techniques in Biomechanics & Ergonomics	3(2-1)
DPT-406	Behavioral Sciences (Psychiatry & Psychology)	3(3-0)
DPT-408	Biochemistry& Genetics II	2(2-0)
DPT-410	Advance Clinical Exercise Physiology	3(3-0)
DPT-412	Medical Physics in Rehabilitation	3(2-1)
ENG-422	Technical Writing	3(3-0)
<b>Semester 5</b>		
DPT-501	Pathology & Microbiology-I	2(2-0)
DPT-503	Pharmacology in Rehabilitation-I	3(3-0)
DPT-505	Physical Agents & Electrotherapy-I	3(2-1)
DPT-507	Therapeutic Exercises & Techniques	3(2-1)
DPT-509	Health & Wellness	2(2-0)
DPT-511	Supervised Clinical Practice-I	3(0-3)
SOC-307	Introduction to Sociology	2(2-0)
<b>Semester 6</b>		
DPT-502	Pathology & Microbiology-II	3(2-1)
DPT-504	Pharmacology in Rehabilitation-II	2(2-0)
DPT-506	Physical Agents & Electrotherapy –II	3(2-1)
DPT-508	Manual Therapy	3(2-1)
DPT-512	Supervised Clinical Practice-II	3(0-3)
<b>Semester 7</b>		
DPT-601	Clinical Medicine-I	3(3-0)
DPT-603	Orthopedic Surgery	3(3-0)
DPT-605	Radiology & Diagnostic Imaging	3(2-1)
DPT-607	Musculoskeletal Physical Therapy	3(2-1)
DPT-609	Human Growth, Development & Community Based Rehabilitation	2(2-0)
DPT-611	Supervised Clinical Practice-III	3(0-3)
<b>Semester 8</b>		
DPT-602	Clinical Medicine-II	3(3-0)
DPT-604	Advance techniques in General Surgery	3(3-0)
DPT-606	Neurological Physical Therapy	3(2-1)
DPT-608	Evidence Based Practice	3(2-1)

DPT-610	Introduction to Prosthetics & Orthotics	2(2-0)
DPT-612	Supervised Clinical Practice-IV	3(0-3)
<b>Semester 9</b>		
DPT-651	Cardiopulmonary Physical Therapy	3(2-1)
DPT-653	Emergency Procedures & Primary Care In Physical Therapy	2(2-0)
DPT-655	Clinical Decision Making & Differential Diagnosis	3(3-0)
DPT-657	Scientific Inquiry & Research Methodology	3(3-0)
DPT-659	Professional Practice (Laws , Ethics &Administration)	2(2-0)
DPT-661	Integumentary Physical Therapy	2(2-0)
DPT-663	Supervised Clinical Practice-V	3(0-3)
<b>Semester 9</b>		
DPT-652	Obstetrics & Gynecological Physical Therapy	2(2-0)
DPT-654	Pediatric Physical Therapy	2(2-0)
DPT-656	Gerontology & Geriatric Physical Therapy	2(2-0)
DPT-658	Sports Physical Therapy	2(2-0)
DPT-660	Supervised Clinical Practice-VI	4(0-4)
DPT-631	Project	6(0-6)

## Department of Orthotics & Prosthetics

Email: awaisbinanam@gcuf.edu.pk, Ph: 041-9201205

### Vision

To provide every person who needs a prosthesis (an artificial limb) or an orthosis (an orthopedic brace) access to that device, and, furthermore, they have the rehabilitation services needed to facilitate optimal recovery and functional independence.

### Mission

To provide rehabilitation care for people who need prosthetic and orthotic (P&O) services by developing, operating, or supporting P&O clinics; by networking with other NGO's; and by partnering individuals in need with service providers all over the world.

## Introduction

Rehabilitation of persons with loco-motor disabilities or neuromuscular disorder is a team work, where Centre of attention is the person with disabilities. The team usually comprises of the Physical medicine and Rehabilitation Specialist (Physiatrist) who is usually the leader, Prosthetist and Orthotist, Physiotherapist, Occupational therapist, Social worker and Rehabilitation Nurse. Depending upon the need, other professionals like Orthopedic Surgeons, engineer, psychologist, geriatrist and other related professionals are also included in the team. The role of Prosthetist and Orthotist is important. Prosthetists and orthotists deal with the assessment, diagnosis and management of the whole of the body. Prosthetists provide artificial limbs (prostheses) to people who have all or part of a natural limb missing. Orthotists provide supportive braces and splints (orthoses) to people with various conditions of the limbs or spine.

## Faculty

### Awais Bin Inam

Lecturer/ Incharge

Qualification: BSPT, MS-OMPT, DPT, PhD Scholar

Skills: Orthopedic Manual Physical Therapy, Dry Needling

### Armghan Anjum

Research Officer/ Acting Incharge

Qualification: B.Sc (Hons.) Orthotics & Prosthetics (KEMU), M.Phil Physiology

Skills: Assessment and device manufacturing, Fitting and gait training

### Benish Ali

Research Officer

Qualification: B.Sc (Hons.) Orthotics & Prosthetics (RMC), M.Phil (IU)

Skills: Assessment and device manufacturing, Fitting and gait training

## BS Orthotics & Prosthetics

<b>Semester 1</b>		
MTH-321	Algebra and Trigonometry(For Medical students)	3(3-0)
	OR	
BOT-303	Functional Biology-I (For Non-medical students)	3(3-0)



BOP-301	Introduction to Orthotics & Prosthetics and Workshop	3 (3-0)
DPT-406	Behavioral Sciences (Psychiatry & Psychology)	2 (2-0)
PHY-321	Fundamentals of Mechanics	3 (2-1)
CSI- 321	Introduction to Computing Applications	3 (3-0)
ISL- 321	Islamic Studies (for Muslims)	2 (2-0)
ISL- 322	Ethics (for non-Muslims)	2 (2-0)
<b>Semester 2</b>		
DPT- 301	Upper Limb & General Anatomy	3 (2-1)
PSH-301	Basic Physiology	3 (2-1)
BOP-302	Materials Technology	3 (3-0)
ENG- 321	Functional English	3 (3-0)
PST- 321	Pakistan Studies	2 (2-0)
BCH- 301	Introductory Biochemistry	3 (3-0)
<b>Semester 3</b>		
DPT- 302	Lower limb Anatomy	3 (2-1)
PSH- 409	Physiology of Nervous system, Neuro-muscular physiology	3 (2-1)
AHP- 302	Pathology	2 (2-0)
BOP- 401	Orthopaedic interventions in orthotics & Prosthetics	3 (3-0)
BOP- 405	Technical Drawing	3 (2-1)
BOP- 403	Introduction to Physiotherapy	2 (2-0)
ENG-322	English Comprehension and Composition	3 (3-0)
<b>Semester 4</b>		
DPT- 401	Anatomy of Head and Neck (vertebral column)	3 (2-1)
BOP- 402	Rehabilitation and Sports Medicine & Mobility aids	3 (2-1)
BOP- 404	Metal Work	3 (2-1)
BOP- 406	Electro Work	3 (2-1)
BOP- 408	Lathe Machine Work	3 (2-1)
STA-507	Biostatistics	2 (2-0)
<b>Semester 5</b>		
BOP- 501	Upper Limb Orthotics I	3 (2-1)
BOP- 503	Spinal Orthotics I	3 (2-1)
BOP- 505	Lower Limb Orthotics I	3 (2-1)
BOP- 507	Upper Limb Prosthetics I	3 (2-1)
BOP- 509	Lower Limb Prosthetics I	3 (2-1)



BOP- 511	Biomechanics I	3 (3-0)
<b>Semester 6</b>		
BOP- 502	Upper Limb Orthotics II	3 (2-1)
BOP- 504	Spinal Orthotics II	3 (2-1)
BOP- 506	Lower Limb Orthotics II	3 (2-1)
BOP- 508	Upper Limb Prosthetics II	3 (2-1)
BOP- 510	Lower Limb Prosthetics II	3 (2-1)
BOP- 512	Biomechanics II	3 (3-0)
<b>Semester 7</b>		
BOP- 601	Biomechanics III	3 (2-1)
BOP- 603	Lower Limb Prosthesis III	3 (2-1)
BOP- 605	Lower Limb Orthosis III	3 (2-1)
BOP-607	Scientific Inquiry & Research Methodology	3 (3-0)
BOP- 609	Workshop practices I	3 (0-3)
ENG-422	Technical writing	3 (3-0)
<b>Semester 8</b>		
MGT- 401	Principles of Management	2 (2-0)
ELT- 321	Fundamentals of Electricity and Electronics	3 (3-0)
CIT- 639	CAD-CAM Technology	3 (2-1)
BOP- 602	Workshop practices II	3 (0-3)
BOP-631	Project	6 (0-6)

## Department of Eastern Medicine

### Vision

To attain the highest level of glory and excellence in the field of Eastern Medicine through quality teaching and research to make this Department as model department for producing highly competent and skillful Clinicians to serve for the benefit of humanity and to contribute to the development of Nation.

### Mission

To provide the knowledge and infrastructure to develop Eastern Medicine. Department of Eastern Medicine aims to build capacity of the common people (society) and the professionals to understand Eastern Medicine. This mission of the Department of Eastern Medicine goes well together to execute advance studies and research.

### Introduction

The Department of Eastern Medicine and Surgery was established in 2013 at directorate of Medical Sciences, with a mandate to carry teaching and research on various aspects of modern as well as alternative medicine, suggesting measures for the conservation and improvement of population health by treatment and cure for the ailments and complications, especially focusing on utilization of local flora for alternative treatment. The department is offering graduate degree of BEMS in Eastern Medicine and surgery. The degree is approved from Higher Education Commission. The faculty members of this department have published more than 80 research papers (as senior author or co-author) during the last five years. An extensive scheme of studies (containing more than 59 graduate level courses in ten semesters) has been developed and



approved for graduate degree program in the field of Eastern Medicine and Surgery, to cope up with whole medical fraternity, all major aspects of modern and alternative medicine are included, such as Anatomy, Physiology, Biochemistry, Clinical methods and therapeutics, Pathology, Community medicine, Pharmacology, Pharmacognosy, Principles of Eastern medicine, Gynaecology and Obstetrics, Clinical Psychology and Psychiatry, Ophthalmology and ENT, Pediatrics etc. A number of latest books on the subject of Eastern Medicine and Surgery have been purchased and placed in the departmental library for ready reference to the students. In addition, students are encouraged to get electronic copies of latest research papers related their area of research by contacting relevant authors, institutions and publishers etc.

## Faculty

### Dr. Muhammad Akram

PhD (HU)

Associate Professor/Chairperson

Specialization: Clinical trials of herbal formulation in gouty arthritis & biological study of medicinal plants

### Dr. Syed Muhammad Ali Shah

PhD (HU)

Specialization: Enzyme inhibition study by medicinal plants, Clinical Comparative study of herbal formulation, Antioxidant activity by medicinal plants

### Dr. Sultan Ayaz

PhD (HU)

Assistant Professor

Specialization: Pre-clinical, Clinical and Post Clinical study of herbal formulations

### Dr. Sabira Sultana

Assistant Professor (OPS)

Specialization: Clinical evaluation of herbal medicine and clinical studies

### Dr. Muhammad Riaz ur Rehman

Lecturer

Specialization: Therapeutics, Comparative clinical study on obesity, Formulation and evaluation of herbal combinations

### Dr. Hamad Ahmed

Lecturer

Specialization: Endocrinology (Diabetes mellitus), Comparative

study in obese vs diabetics, Clinical study on diabetes using medicinal plant herbs

## Bachelor of Eastern Medicine and Surgery

Semester 1		
DEM-301	Anatomy-I	3(2-1)
DEM-303	History of Eastern Medicine-I	2(2-0)
PHS-307	Physiology (General Physiology)	3(2-1)
ENG-301	English-1 (Grammar)	3(3-0)
BCH-305	Biochemistry (Fundamental Biochemistry)	3(2-1)
ISL-321	Islamic Studies	2(2-0)
Semester 2		
DEM-302	Anatomy-II	3(2-1)
DEM-304	Principles of Eastern Medicine-I	4(3-1)
DEM-306	History of Eastern Medicine	2(2-0)
PHS-308	Physiology (Systemic Physiology)	3(2-1)
BCH-306	Biochemistry (Cell biology & Genetics)	3(2-1)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
DEM-401	Anatomy-III	3(2-1)
DEM-403	Principle of Eastern Medicine-II	4(3-1)
BNB-405	Bioinformatics (Fundamentals of Bioinformatics)	3(2-1)
ENG-321	English for Academic Purpose (EAP)	3(3-0)
PHS-409	Physiology (Physiology of Nervous System)	3(2-1)
BCH-502	Biochemistry (Metabolism)	3(2-1)
Semester 4		
DEM-402	Anatomy-IV	3(2-1)
DEM-404	Principles of Eastern Medicine-III	4(3-1)
DEM-406	Pharmacognosy-I	3(2-1)
DEM-408	MateriaMedica-I	3(2-1)
PHS-410	Physiology (Endocrine Physiology)	3(2-1)
BCH-405	Biochemistry (Clinical Biochemistry)	3(2-1)
Semester 5		
DEM-501	Herbal Pharmacy-I	4(3-1)
DEM-503	Community Medicine	3(3-0)
DEM-505	MateriaMedica-II	3(2-1)

DEM-507	Pharmacognosy-II	3(2-1)
DEM-509	Medicine-I	4(3-1)
MIC-301	Microbiology-I (General Microbiology)	3(2-1)
Semester 6		
DEM-502	Herbal Pharmacy-II	4(3-1)
DEM-504	Clinical Psychology	3(2-1)
DEM-506	MateriaMedica-III	3(2-1)
DEM-508	Pharmacognosy-III	3 (2-1)
DEM-510	Medicine-II	4(3-1)
MIC-601	Microbiology-II (Clinical Microbiology)	3(2-1)
Semester 7		
DEM-601	Pathology-I (General Pathology)	3(2-1)
DEM-603	Surgery-I	3(2-1)
DEM-605	Psychiatry	3(2-1)
DEM-607	Gynecology -I	3(2-1)
DEM-609	Medicine-III	4(3-1)
DEM-611	Materia Medica-IV	3(2-1)
Semester 8		
DEM-602	Pathology-II (Systemic Pathology)	3(2-1)
DEM-604	Surgery-II	3(2-1)
DEM-606	Clinical Diagnostics-I	3(2-1)
DEM-608	Gynecology -II	3(2-1)
DEM-610	Medicine-IV	4(3-1)
DEM-612	Forensic Medicine and Toxicology-I	3(2-1)
Semester 9		
DEM-701	Pediatrics-I	3(2-1)
DEM-703	Ophthalmology	3(2-1)
DEM-705	Obstetrics-II	3(2-1)
DEM-709	Medicine-V	4(3-1)
DEM-707	Surgery-III	3(2-1)
DEM-711	Clinical Diagnostics-II	3(2-1)
Semester 10		
DEM-702	Pediatrics-II	3(2-1)
DEM-704	ENT	3(2-1)
DEM-706	Obstetrics-II	3(2-1)
DEM-708	Medicine-VI	4(3-1)
DEM-710	Project	6(0-6)

## MPhil Phytomedicine

Semester 1		
DEM-801	*Phytomedicine-I	3(2-1)
DEM-803	Phytochemistry-I	3(2-1)
DEM-805	Medicinal Plants for Developing Eastern Medicine Drugs	3(2-1)
DEM-807	*Biostatistics	3(3-0)
Semester 2		
DEM-802	Phytomedicine-II	3(2-1)
DEM-804	Phytochemistry-II	3(2-1)
DEM-806	Designing Clinical Research	2(2-0)
DEM-809	Computer Applications in Clinical Research	2(2-0)
DEM-810	Principles and Practices of Drug Development	3(2-1)
Mandatory Requirements for MPhil		
DEM-812	Seminar	1(1-0)
DEM-813	Special Problem	2(0-2)
DEM-814	Research and Thesis	6(0-6)

## PhD Eastern Medicine

Semester 1		
DEM-701	Advance Studies in Principles of Eastern Medicine-I	3(2-1)
DEM-702	Computer Applications in Health Education	3(2-1)
DEM-703	Gastroenterology	3(2-1)
DEM-704	Biostatistics	3(2-1)
DEM-705	Fundamentals of Clinical Investigation	3(3-0)
Semester 2		
DEM-706	Advance Studies in Principles of Eastern Medicine-II	3(2-1)
DEM-707	Contemporary Practice of Drug Development	3(3-0)
DEM-708	Principle of Pharmacology	3(2-1)
DEM-709	Designing Clinical Research	3(3-0)
DEM-710	Contemporary Issues in Health Promotion	3(3-0)
Mandatory Requirements for PhD		
DEM-758	Seminar ( General)	1(0-1)
DEM-759	Seminar ( Research)	1(0-1)
DEM-760	Thesis	6



## Department of Public Health

## Faculty

### Vision

To be a leading College in transformative and innovative education in the field of Public Health, guided by National imperatives and a strong commitment to socially responsive education. We will strive for excellence in professional and teaching excellence, as well as in the development of National and global linkages in disease prevention, health education, medical research and development of global health related to the concern areas.

### Mission

To bring a qualitative and quantitative revolution in medical education by providing an environment geared towards promoting research and academic culture in order to improve the existing healthcare system.

### Introduction

Public Health Science is a multidisciplinary field that has changed over the years. However, an effective public health system is as urgent as it has ever been. A public health Professional receives education and training in a wide range of disciplines but aim at improving health through a population focus. Public Health education and training not only includes the five long-recognized core components of public health (i.e., epidemiology, biostatistics, environmental health, health services administration and social and behavioral sciences) but new areas are also considered these days as essentials of public health: disease-control, reproductive and child health, informatics, genomics, communication, cultural and social diversity, community-based participatory research, policy and law, global health and ethics. Public health professionals' education and preparedness should be of concern to everyone for this will improve the health of the populations.

### Prof. Dr. Abid Rashid

M.B.B.S, FCPS (Surgery), CMT (U.K),  
Ph.D. (clinical medicine and surgery)  
Director, Medical Sciences

### Dr Ali Siftain

Lecturer / Coordinator  
M.Phil Epidemiology and Public Health  
Specialization: Epidemiological approaches in disease surveillance, Active and passive surveillance.

### Dr. Muhammad Asif

MSPH (QAU), PhD (Scholar)  
Program Coordinator,  
Specialization: Infectious disease epidemiology, Data analysis, research methodology and environmental health

### Dr. Ume Habiba

MSPH (QAU), PhD (Scholar)  
Lecturer  
Specialization: Epidemiological Studies, Research Methods and Health Promotion

### Dr. M MazharIqbal

MPH (IPH)  
Visiting Lecturer



## Master of Public Health (MPH)

Semester 1		
MPH-601	Foundation of Public Health	3(3-0)
MPH-603	Basic Epidemiology	4(4-0)
MPH-605	Basic Biostatistics	3(3-0)
MPH-607	Communicable and Non communicable disease control	3(3-0)
MPH-609	Environmental Health and Disaster Management	3(3-0)
MPH-611	Computer applications in Public health	3(2-1)
Semester 2		
MPH-602	Applied Epidemiology and Biostatistics	4(3-1)
MPH-604	Child health and Preventive Pediatrics	3(3-0)
MPH-606	Health system analysis and health policy	3(3-0)
MPH-608	Health management and Information system	3(2-1)
MPH-610	Health education and Health Promotion	3(3-0)
MPH-612	Field visits and Seminar	3(2-1)
Semester 3		
MPH-613	Social and Behavioral Aspects of Public Health	3(3-0)
MPH-615	Reproductive Health	3(3-0)
MPH-617	Advanced Quantitative and Qualitative Research Methods in Public Health	4(3-1)
MPH-619	Demography and Population Dynamics	3(0-3)
MPH-621	Public Health Nutrition	3(3-0)
MPH-623	Hospital Management	3(2-1)
Semester 4		
MPH-612	Synopsis Writing	3(0-3)
MPH-616	Thesis/Research Project	6(0-6)



You are cordially invited to attend the



Speaker:

**Prof. Dr. Abid Rashid**

MBBS, FCPS (Surgery)  
Ph.D Clinical Medicine & Surgery  
Professor Of Surgery & Bio Medical Sciences  
Director Medical Sciences  
GC University, Faisalabad



Saturday 27th June 2020  
Timing: 11:30 AM

Join us @ zoom app  
Meeting ID : 874 1160 0143  
Password : Evion

Join Zoom Meeting : <https://us02web.zoom.us/j/87411600143?pwd=Qm5a59s5VWVU9ZTDJlL3NhcHhZdz09>

## Department of Microbiology

Phone: 041-9203023  
Email: microbiology@gcuf.edu.pk



### Vision

To attain the highest level of glory and excellence in the field of Microbiology through quality teaching and research.

### Mission

To create an environment conducive for learning through quality teaching and research.

To produce competent and skilled professionals in the field of Microbiology to full fill the future needs of educational institutes.

To prepare researchers to meet the challenges of industry, research organizations, science and technology.

To develop the department as a model department of Microbiology in the country for undergraduate and postgraduate teaching and research.

### Introduction

In spite of their very small size, the impact of microbes on the planet is so extensive that life without them is almost impossible. Microbiology is an exceptionally diverse science which deals with the study of microorganisms in relation to disease, industry, medicine, environment and modern biotechnology. The study of microorganisms cannot be overemphasized as they are necessary for the production of bread, cheese, antibiotics, vitamins, organic acids, enzymes, biologics, sera and vaccines. Over and above, microbes also serve as the basis and the major tools in the fields of Molecular Biology, Modern Biotechnology and Genetic Engineering. They are indispensable components of our ecosystem. Unfortunately some microbes cause all the known diseases in humans, animals and plants causing heavy morbidity and mortality.

Department is focusing on academic and research collaborations with different National and International teaching and research institutes as well as with local industries through internship programs and combined research projects. The key focus is to

conduct applied and problem solving research in different fields of Microbiology. In addition to academics and research, students of this department are equally bright and talented in extra-curricular and co-curricular activities and have won a number of laurels for the department.

Microbiology is a broad discipline which has both basic and applied aspects. Many microbiologists are interested primarily in the biology of the microorganisms themselves whereas others may be interested in particular functional processes. Some microbiologists may have an applied orientation and would be interested in practical problems in the fields of medical, pharmaceutical, food, dairy and public health Microbiology. With WTO agreement in offering, every agro-based industry and the industry involved in production and export of biopharmaceuticals, biologics, vaccines, sera and diagnostics will be required to hire a Microbiologist / Immunologist at its strength to satisfy ISO certification needs. Therefore the graduates and post graduate students from Department of Microbiology Government College University Faisalabad will have a very bright and attractive career ahead in public as well as in private sector.

Faculty members of Department of Microbiology have won three research projects under NRPU-2016-17, Ten under NRPU-2017-18 from HEC Islamabad and two under RSP-GCUF. About 50 Research papers have been published in Impact Factor Journals during 2019.



### Programs Offered

1. BS Microbiology
2. MPhil Microbiology
3. PhD Microbiology

**Chairman: Prof. Dr. Muhammad Hidayat Rasool**



## Faculty

### Dr. Muhammad Hidayat Rasool

Professor/ Chairman  
PhD (UAF)

Specialization: Immunology, Molecular Virology, Cell Culture  
(HEC Approved Supervisor)

### Dr. Muhammad Asif Zahoor

Assistant Professor  
PhD (Austria)

Specialization: Molecular Biology, Immunology, Virology  
(HEC Approved Supervisor)

### Dr. Muhammad Waseem

Assistant Professor  
PhD (France)

Specialization: Microbial Ecology, Mycorrhizosphere, Microbial Biodiversity

### Dr. Bilal Aslam

Assistant Professor  
PhD (UAF)

Specialization: Bacteriology, Immunology

### Dr. Saima Muzammil

Assistant Professor  
PhD (France)

Specialization: Agricultural Microbiology, Biotechnology  
(HEC Approved Supervisor)

### Dr. Muhammad Zeeshan Nawaz

Assistant Professor  
PhD (UAF)

Specialization: Epidemiology, Virology  
(HEC Approved Supervisor)

### Dr. Muhammad Shafique

Assistant Professor  
PhD (Netherlands)

Specialization: Biotechnology, Virology, Cell culture, Vaccinology  
(HEC Approved Supervisor)

### Dr. Abu Baker Siddique

Assistant Professor  
PhD (UAF)

Specialization: Bacteriology, Molecular Biology  
(HEC Approved Supervisor)

### Dr. Mohsin Khurshid

Assistant Professor  
PhD (GCUF)

Specialization: Medical Microbiology, Infectious Diseases,  
Molecular Biology, Microbial Pathogenesis

### Dr. Muhammad Usman Qamar

Assistant Professor  
PhD (UHS)

Specialization: Medical & Clinical Microbiology

### Mr. Muhammad Saqalein

Lecturer  
M. Phil. (UAF)

Specialization: Bacteriology, Immunology

### Mrs. Gul Naz

Lecturer  
M. Phil (UVAS) (Silver Medalist)

Specialization: Microbiology, Mycology

### Mr. Zeeshan Taj

Lecturer (on study leave)  
M. Phil. (UAF)

Specialization: Bacteriology, Molecular Biology

### Mr. Muhammad Atif Nisar

Lecturer (on study leave)  
M. Phil (PU)

Specialization: Molecular Biology, Proteomics

### Ms. Sumreen Hayat

Lecturer (on Deputation)  
M. Phil (PU)

Specialization: Medical Microbiology

### Mrs. Sara Mahmood

Lecturer  
M. Phil (NIBGE)

Specialization: Bioinformatics, Biotechnology, Genotoxicity

### Ms. Ayesha Sarwar

Lecturer  
M. Phil. (UAF)

Specialization: Bacteriology, Food Microbiology

## Scheme of Studies BS Microbiology

Semester 1		
MIC-301	Introductory Microbiology	3(2-1)
MIC-303	Microbial Taxonomy	3(3-0)
BCH-301	Introductory Biochemistry	4(3-1)
BOT-301	Diversity of Plants	4(3-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
PST-321	Pakistan Studies	2(2-0)
ENG-321	Functional English	3(3-0)
Semester 2		
MIC-302	Cell Biology	3(3-0)
MIC-304	Microbial Anatomy and Physiology	3(2-1)
MIC-306	Human Physiology	3(2-1)
ZOL-301	Principles in Animal Life-I	4(3-1)
ENG-322	English Comprehension and Composition	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
Semester 3		
MIC-401	Basic Pathology	3(2-1)
MIC-403	Bacteriology	3(2-1)
MIC-405	Mycology	3(2-1)
MIC-407	Biosafety and Risk Management	3(2-1)
ENG-422	Technical Writing	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
Semester 4		
MIC-402	General Virology	3(2-1)
MIC-404	Immunology	3(2-1)
MIC-406	Parasitology	3(2-1)
MIC-408	Epidemiology, Public Health and Bioethics	3(3-0)
MIC-410	Laboratory Animals and Model Organisms	2(0-2)
STA-507	Biostatistics	3(3-0)
Semester 5		
MIC-501	Systemic Virology	3(2-1)
MIC-503	Cell and Tissue Culture	3(2-1)
MIC-505	Microbial Genetics	3(3-0)
MIC-507	Molecular Biology and Biotechnology	3(2-1)

MIC-509	Food Microbiology	3(2-1)
MIC-511	Infectious Waste Management	3(2-1)
<b>Semester 6</b>		
MIC-502	Vaccinology	3(2-1)
MIC-504	Environmental Microbiology	3(2-1)
MIC-506	Medical Microbiology	3(2-1)
MIC-508	Veterinary Microbiology	3(2-1)
MIC-510	Microbial Enzymology	3(3-0)
BIN-422	Introduction to Bioinformatics	3(2-1)
<b>Semester 7</b>		
MIC-601	Diagnostic Microbiology	3(2-1)
MIC-603	Soil and Agricultural Microbiology	3(2-1)
MIC-605	Marine and Fresh Water Microbiology	3(2-1)
MIC-607	Pharmaceutical and Industrial Microbiology	4(3-1)
MIC-609	Genetic Engineering	3(2-1)
MIC-611	Research Methodology	2(2-0)
<b>Semester 8</b>		
MIC-632	Internship	6(0-6)

MIC-702	Advanced Bacteriology	3(2-1)
MIC-703	Advanced Mycology	3(2-1)
MIC-704	Advanced Virology	3(2-1)
MIC-705	Advanced Immunology	3(2-1)
MIC-706	Advanced Biorisk Management	3(2-1)
MIC-707	Tissue Culture Technology	3(2-1)
MIC-708	Vaccinology	3(2-1)
MIC-709	Advanced Medical Microbiology	3(2-1)
MIC-710	Advanced Parasitology	3(2-1)
MIC-711	Advanced Epidemiology and Public Health	3(2-1)
MIC-712	Public Health Microbiology	3(3-0)
MIC-713	Anaerobic Microbiology	3(2-1)
MIC-714	Microbial Physiology	3(3-0)
MIC-715	Advanced Microbial Genetics	3(3-0)
MIC-716	Molecular Biology of Bacterial Viruses	3(3-0)
MIC-717	Computational Biology and Bioinformatics	3(3-0)
MIC-718	Molecular Biology Techniques	3(2-1)
MIC-719	Recombinant DNA Technology	3(3-0)
MIC-720	DNA Damage, Repair and Carcinogenesis	3(3-0)
MIC-721	Molecular Mechanisms of Antimicrobial Agents	3(3-0)
MIC-722	Nano-Biotechnology	3(3-0)
MIC-723	Industrial and Pharmaceutical Microbiology	3(2-1)

MIC-724	Food and Dairy Microbiology	3(2-1)
MIC-725	Advanced Environmental Microbiology	3(3-0)
MIC-726	Research Methodology and Scientific Writing	2(2-0)
<b>Mandatory Requirements for MPhil</b>		
STA-795	Statistics for Research	3(2-1)
MIC-728	Seminar (General)	1(0-1)
MIC-729	Seminar (Research)	1(0-1)
MIC-730	Thesis	6(0-6)
<b>Mandatory Requirements for PhD</b>		
STA-795	Statistics for Research	3(2-1)
MIC-758	Seminar (General)	1(0-1)
MIC-759	Seminar (Research)	1(0-1)
MIC-760	Thesis	---

### MPhil/PhD Microbiology

MIC-700	Microbiological Techniques	3(2-1)
MIC-701	Advanced Microbiology	3(2-1)





## Department of Physical Education & Sports Sciences

Phone: 041-9200852  
Email: [physicaleducation@gcuf.edu.pk](mailto:physicaleducation@gcuf.edu.pk)



### Vision

We aim to be a leader of the disciplines of Physical Education and Sports Sciences by developing tools and excelling in Sports techniques, Scholarship and exploiting opportunities for academic research.

### Mission

The Mission of the Department is to provide a committed and professional skills, techniques and knowledge of different Sports, which may be recognized as exemplary by its users by behaving in an approachable and courteous manner using available technologies appropriately to achieve objectives effectively at National and International level in the field of Physical Education and Sports Sciences.

### Introduction

The study of Physical Education and Sports Sciences has been vital Importance in this age of science and technology. A nation cannot safe guard it's domestic and foreign interest and get its due status at National and International level without using the latest techniques of Physical Education and Sports Sciences in their professional and daily routine Life.

The Department will play a vital role in promoting different games at National and International level and is striving to sensitize and humanize its students in enabling them to become the leader in the field of Physical Education and Sports Science.



### Faculty

#### Dr. Abida Naseer

Assistant Professor /Incharge Department  
Ph.D.  
Specialization: Sports Science

#### Mr. Aamir Nawaz Qazi

Lecturer  
M.Phil.  
Specialization: Physical Education & Sports Science

#### Mr. Ishfaq Ali

Lecturer  
M.Phil.  
Specialization: Physical Education & Sports Science

#### Mr. Imran Ullah Khan

Coach  
M.Phil.  
Specialization: Physical Education & Sports Science

### BS Physical Education

Semester 1		
ENG-321	English I (Compulsory1) (Theory)	3(3-0)
PST-321	Pakistan Studies (Compulsory 2) (Theory)	2(2-0)
MTH-321	Mathematics I (Compulsory 3) (Theory)	3(3-0)
PHY-321	Fundamental Application of Physics (General1) (Theory)	2(2-0)
PES-301	Philosophical Basis of Physical Education (Foundation 1) (Theory)	3(3-0)
PES-303	Games Practical -I (Volleyball)	3(0-3)
PES-305	Athletics Practical -I (Sprint Races)	2(0-2)

### Programs Offered

1. BS Physical Education
2. MSc Physical Education & Sports Sciences

Incharge : Dr. Abida Naseer



Semester 2		
ENG-321	English II (Compulsory 4) (Theory)	3(3-0)
EDU-312	Introduction to Education / Univ. Optional (Compulsory 6) (Theory)	3(3-0)
PSY-614	Introduction to Psychology (General 2) (Theory)	3(3-0)
PES-302	Science of Track and Field (Foundation 2) (Theory)	3(3-0)
PES-304	Games Practical-II (Football)	3(0-3)
PES-306	Athletics Practical-II (Middle and Long Distance Races)	3(0-3)
Semester 3		
PES-321	English III (Compulsory 7) (Theory)	3(3-0)
CSI-321	Computer Applications in Sports (Compulsory 8) (Theory + Practical)	3(2-1)
PSY-614	Sports Psychology (Theory)	3(3-0)
AHP-301	Basics of Human Anatomy (Foundation 3) (Theory)	3(3-0)
PES-401	Games Practical-III (Basketball)	3(0-3)
PES-403	Athletics Practical-III (Throws)	3(0-3)
Semester 4		
PES-402	Introduction to Sociology / Univ. Optional (Compulsory 9) (Theory)	3(3-0)
PES-404	Theory of Games (General 3) (Theory)	3(3-0)
ECO-402	Economics (General 4) (Theory)	2(2-0)
PES-406	Administration and Management in Sports (Foundation 4) (Theory)	3(3-0)
PES-408	Games Practical-IV (Badminton)	3(0-3)
PES-410	Athletics Practical-IV (Jumps)	3(0-3)
Semester 5		
PES-501	Science of Sports Training (Major 1) (Theory)	3(2-1)
PES-503	Physical Education for Special Population (Elective-I) (Theory)	3(3-0)
HND-503	Sports Nutrition (Major 2) (Theory)	3(3-0)
PES-505	Science of Movement Education (General 5) (Theory)	3(3-0)
PES-507	Games Practical (Hockey)	3(0-3)
PES-509	Gymnastic (Practical)	3(0-3)
Semester 6		
PES-502	Research Methodology in Physical Education (Major 3) (Theory)	3(3-0)

PES-504	Measurement & Evaluation in Physical Education (Major 4) (Theory)	3(3-0)
PES-506	Sports Sociology (Major 5) (Theory)	3(3-0)
PES-508	Sports Biomechanics (Foundation 5) (Theory)	3(3-0)
PES-510	Games Practical (Table Tennis)	3(0-3)
PES-512	Scouting (Roaring) / Girl Guiding (Practical)	3(0-3)
Semester 7		
PES-601	Sports Injuries, Treatment & Rehabilitation (Major 6) (Theory)	3(3-0)
DPT-409	Exercise Physiology (Major 7) (Theory)	3(3-0)
PES-603	Scientific Sports Coaching (Foundation 6) (Theory + Practical)	3(2-1)
STA-301	Introduction to Statistics in Sports (Theory + Practical)	3(1-2)
PES-605	Specialization in One Game (Elective-II) (Theory + Practical) (1.Hockey; 2.Football; 3.Cricket; 4.Basketball; 5.Handball; 6.Badminton)	3(1-2)
Semester 8		
PES-602	Sports Medicine (Major 8) (Theory)	3(3-0)
PES-604	Curriculum Development in Physical Education (Major 9) (Theory)	3(3-0)
PES-606	Research Thesis / Project	4(4-0)
PES-608	Netball for Girls / Swimming for Boys (Practical)	3(0-3)
PES-610	Recreation, Hiking & Hill Trekking (Practical)	2(0-2)

## MSc. Physical Education & Sports Sciences

Semester 1		
PES-551	Sports Management	3(3-0)
PES-553	Concepts of Wellness and Fitness	2(2-0)
PES-555	Theory of Games	3(3-0)
PES-557	Games-I (Football, Badminton)	2(0-2)
PES-559	Athletics-I (Sprints Starts, Shot Put)	2(0-2)
HND-603	Nutrition in Exercise and Sports	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
Semester 2		
PES-552	Methods of Research in Sports	3(3-0)
PES-554	Methodology of Scientific Coaching	3(3-0)

PES-556	Science of Track & Field	3(3-0)
PES-558	Rovering / Girl Guide	2(0-2)
PES-560	Games-II (Volleyball, Table Tennis)	2(0-2)
PES-562	Athletics-II (Long Jump, Triple Jump, Discuss Throw)	2(0-2)
AHP-301	Basic and Applied Anatomy	3(3-0)
Semester 3		
PES-561	Physical Education for Special Person	2(2-0)
PES-563	Sports Biomechanics	3(3-0)
DPT-409	Exercise Physiology	3(3-0)
PES-567	Sports Psychology	3(3-0)
PES-569	Sports Medicine	3(3-0)
PSY-614	Games-III (Basketball, Hockey)	2(0-2)
DPT-409	Athletics-III (High Jump, Javelin Throw)	2(0-2)
Semester 4		
PES-564	Sports Sociology	3(3-0)
PES-566	Measurement and Evaluation in Sports	3(3-0)
PES-568	Swimming and Gymnastics	2(0-2)
PES-570	Hiking and Tracking and Physical Fitness Test	2(0-2)
PEC-681	Research Project	3(0-3)
	Elective*	3(1-2)

\* Select any one course from list of elective courses

PES-572	Specialization in Field Hockey	3(1-2)
PES-574	Specialization in Football	3(1-2)
PES-576	Specialization in Cricket	3(1-2)
PES-578	Specialization in Volleyball	3(1-2)
PES-580	Specialization in Basketball	3(1-2)





## Department of Physiology

Phone: 041-9203030  
Email: physiology@gcu.edu.pk



### Vision

To provide high standard education and research activities to aspire undergraduate and postgraduate students to couple up the international standards.

### Mission

To provide high-tech theoretical and practical knowledge/skills to the students through quality teaching and research.

### Introduction

- It's a recently established and comparatively rare department in other universities of the country, so BS Physiology is an emerging professional degree that needs enormous concentration, hard work as well as the space of growth as a professional career. And the department of Physiology is therefore established with the vision of giving the maximum output in teaching and research keeping in view the minimum available resources.
- The use of electronic media will be encouraged to teach the students so that learning capabilities could be further enhanced.
- Study tours in the national eminent research, as well as teaching institutes, will be planned for the healthy exposure of students.
- Target-based progress plans with a suggested time frame will be set to get the required progress in limited time.
- Along with academics the Physiologist has an enormous role in public health services including diagnostics, pharmaceuticals, health centers, food industry, Reagents, analytical kits, instrument manufacturers.
- Students will be encouraged to actively participate in the extracurricular activities of the University, which will be a healthy exercise to groom their mental capabilities.

### Achievements of the Department

- Organized international and national seminars
- Participation and oral presentations in international conferences
- Won a research grant worth 7.2 million from Punjab Agriculture Research Board
- Won a research grant worth 1.48 million from the Pakistan Agriculture Research Council.
- Submitted more than six projects to various funding agencies.
- Won eight travel grants to present the research work internationally.
- Won 2 NRPU research grants worth 3.5 and 3.1 million respectively

### Faculty

#### Dr. Haseeb Anwar

Incharge/Assistant Professor  
PhD (UAF) (HEC Approved Supervisor)  
Specialization: Bio-health markers/ Endocrinology

#### Dr. Ghulam Hussain

Assistant Professor  
PhD (France) (HEC Approved Supervisor)  
Specialization: Neurosciences

#### Dr. Shahzad Irfan

Assistant Professor  
PhD (QAU)  
Specialization: Reproductive Physiology

#### Dr Humaira Muzaffar

Assistant Professor  
PhD (UAF). Specialization: Health Biology

### Programs Offered

1. BS Physiology
2. MPhil Physiology
3. PhD Physiology

Incharge: Dr. Haseeb Anwar

**Dr. Arslan Iftikhar**

Lecturer  
PhD (France)  
Specialization: Molecular Biology, Pharmacognosy

**Mr. Arslan Shaukat**

Lecturer  
MPhil (UK)  
Specialization: Nanotechnology

**Mr. Imtiaz Mustafa**

Research Associate  
Specialization: Oxidative Stress

**Mr. Abdul Rauf**

Research Associate  
Specialization: Genetics, Neurophysiology

**Miss. Saima Malik**

Research Associate  
Specialization: Oxidative Stress

**BS Physiology**

Semester 1		
PHS-300	Functional Anatomy	4(3-1)
PHS-303	Cell and Molecular Biology	3(2-1)
BCH-301	Introductory Biochemistry	4(3-1)
MTH-321	Algebra and Trigonometry	3(3-0)
ENG-321	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
Semester 2		
ZOL-301	Principles of Animal Life-I	4(3-1)
PHS-302	Applied Physiology	3(2-1)
BOT-402	Plant Physiology and Ecology	3(3-0)
MIC-304	Microbial Anatomy and Physiology	3(2-1)
ENG-322	English Comprehensive and Composition	3(3-0)
ISL-321	Islamic Studies	2(2-0)
Semester 3		
PHS-401	Physiology of Digestion & Metabolism	3(2-1)
PHS-403	Physiology of Respiratory System	3(2-1)
PHS-405	Physiology of Blood and Extracellular Fluid	3(2-1)

PHS-407	Renal Physiology	3(2-1)
ENG-421	Communication Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
Semester 4		
PHS-402	Cardiovascular Physiology	4(3-1)
PHS-404	Nerve and Muscle Physiology	3(2-1)
PHS-406	Homeostasis	2(2-0)
PHS-410	General Immunology	3(2-1)
BIN-422	Introduction to Bioinformatics	3(2-1)
MTH-322	Introduction to Calculus	3(3-0)
Semester 5		
PHS-501	Neurophysiology	4(3-1)
PHS-503	Endocrinology	3(2-1)
PHS-505	General and Systemic Pharmacology	4(3-1)
PHS-507	Principles of Human Nutrition	3(3-0)
PHS-509	Human and Animal Behavior	3(2-1)
Semester 6		
PHS-502	Biology of Development	3(3-0)
PHS-504	Reproductive Physiology	3(2-1)
PHS-506	Physiology of Sensory System	3(2-1)
PHS-508	Comparative Physiology	3(2-1)
BIT-405	Introduction to Biotechnology	3(2-1)
SAT-507	Biostatistics	3(3-0)
Semester 7		
PHS-601	Electrophysiology	3(2-1)
PHS-603	Physiology of Health, Fitness and Exercise	3(2-1)
PHS-605	Physiological Techniques	3(1-2)
PHS-607	Pathophysiology	3(2-1)
PHS-609	Research Methods in Biosciences	3(3-0)
Semester 8		
PHS-631	Project	3(0-3)
PHS-632	Internship	6(0-6)
PHS-634	Seminar	1(0-1)

**MPhil/PhD Physiology**

PHS-701	Principles of Physiology and Homeostasis	3(3-0)
PHS-702	Physiology of Respiratory System	3(2-1)

PHS-703	Nerve and Muscle Physiology	3(2-1)
PHS-704	Physiology of Blood and Cardiovascular System	3(2-1)
PHS-705	Physiology of Nervous System	3(2-1)
PHS-706	Advanced Immunology	3(2-1)
PHS-707	Reproductive Physiology	3(2-1)
PHS-708	Physiology of Digestion and Metabolism	3(2-1)
PHS-709	Physiology of Sensory System	3(2-1)
PHS-710	Physiology of Kidney and Acid Base Balance	3(2-1)
PHS-711	Advanced Endocrinology	3(2-1)
PHS-713	Microbial Physiology	3(2-1)
PHS-714	Comparative Physiology	3(3-0)
PHS-715	Physiological Techniques	3(1-2)
PHS-716	Fermentation and Gut Physiology	3(2-1)
PHS-717	Research Methods in Biosciences	3(3-0)
PHS-718	Nutrition Physiology	3(2-1)
PHS-719	Functional Genomics and Proteomics	3(2-1)
PHS-720	Sports and Exercise Physiology	3(3-0)
PHS-721	Advances in Pathologic Physiology	3(2-1)
PHS-722	Advanced Avian Physiology	3(2-1)
PHS-723	Epigenetics and Gene Regulation	3(3-0)
PHS-724	Advanced Environmental Physiology	3(3-0)
PHS-725	Nanotechnology and its Applications in Physiology	3(2-1)
PHS-726	Advanced Cell Physiology	3(2-1)
Mandatory requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
PHS-727	Special Problem	1(0-1)
PHS-728	Seminar (General)	1(0-1)
PHS-729	Seminar (Research)	1(0-1)
PHS-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
PHS-757	Special Problem	1(0-1)
PHS-758	Seminar (General)	1(0-1)
PHS-759	Seminar (Research)	1(0-1)
PHS-760	Thesis	---

## Department of Zoology

Phone: 041-9201206  
Email: zoology@gcuf.edu.pk



### Programs Offered

1. BS Zoology
2. MSc Zoology
3. MPhil Zoology
4. PhD Zoology

**Chairperson: Prof. Dr. Tayyaba Sultana**



### Vision

To align multidisciplinary approaches towards wide areas of biological sciences. The department strives to be a centre of excellence in teaching as well as in diverse areas of research to promote knowledge, skills and expertise in students required to serve the society as educators, University/College teachers, research scientists and administrators.

### Mission

To meet the dire need of coming decades, the Department of Zoology is committed to impart most recent and updated education to students, to deliver society-oriented and need-based research, to promote academia-industry linkage, to hold regular seminars by invited speakers and subject specialists for the scientific grooming of students and faculty and to develop a collaboration both at national and international levels.

### Introduction

Department of Zoology was established in 1989 for the teaching of graduate and post graduate courses affiliated with University of the Punjab, Lahore, then took a mature turn after the up-gradation of Govt. College Faisalabad as Govt. College University Faisalabad in 2002. Later on launching of MPhil, PhD and Honors programs added to its status and it has come forth as one of the academically sound Department of the country. The high profile motivated faculty loaded with initiative and drive is key strength of the Department. The fully equipped laboratories,

well-furnished class rooms and updated spacious library provide the best possible facilities to the students in their academic pursuits. All the faculty members under the dynamic leadership of Prof. Dr. Tayyaba Sultana are striving hard and exercising their potentialities to the maximum extent focusing the activity based learning. University industry linkage program for the joint research ventures have been established. For this purpose the Department has established a linkage through signing MoUs with Newcastle University UK, WASA and Punjab Fisheries Department with an objective of sharing research facilities for educational and career development of the students coherent with professional requirements. The Department believes in its uplifting at world recognized level through imparting outstanding teaching and research by awarding degree in academic programs of BS, MSc, MPhil and PhD in Zoology. The department has recruited foreign qualified PhD faculty members to broaden the teaching and research horizon to face the modern challenges in the field of Life Sciences. Highly equipped labs of different fields such as Entomology, Paleontology, Tissue Culture, Fish nutrition, Biochemistry, Wildlife, Genetics, Molecular biology and Research lab have been established to extend its infrastructure. Department has successfully completed the research projects under JHELP-II and INSPIRE Program (British council-Higher Education Commission funded projects) and its two extension programs SPEKE and TNE. Moreover various other projects funded by Pakistan Science Foundation (PSF), Higher Education Commission NRP, TWAS-COMSTEC, The Nagai Foundation Tokyo, Japan, ICPSR-Kingdom of Morocco are

being conducting in the Department. Department of Zoology is pioneer in eLearning during the pandemic of COVID-19 to facilitate the students.

## Faculty

### Dr. Tayyaba Sultana

Professor / Chairperson

PhD (QAU), Post-Doc (QAU & UK)

Specialization: Fisheries, Cell and Molecular Biology, Genetics, Genetic Epidemiological Studies, Aquatic Toxicology (HEC Approved Supervisor)

### Dr. Farhat Jabeen

Professor

PhD (QAU), Post-Doc (UK)

Specialization: Fisheries, Human Molecular Genetics, Environmental Science, Aquatic Toxicology (HEC Approved Supervisor)

### Dr. Abdul Shakoor Chaudhry

Adjunct Professor (Newcastle University, UK)

PhD (Animal Science), Cambridge University UK,

Post-Doc (UK & Australia)

Specialization: Animal Nutrition, Toxicology, Freshwater Biology

### Dr. Salma Sultana

Professor

PhD (QAU), Post-Doc (UK)

Specialization: Fisheries, Human Molecular Genetics, Fish Nutrition, Proteomic, Genetic Epidemiological Studies, Aquatic Toxicology (HEC Approved Supervisor)

### Dr. Shabana Naz

Associate Professor

PhD (UAF)

Specialization: Vertebrate Pest Management, Wildlife Ecology, Reproductive Ecology (HEC Approved Supervisor)

### Dr. Asma Ashraf

Associate Professor (TTS)

PhD (GCUF)

Specialization: Microbiology, Immunology, Bioinformatics

### Dr. Syed Makhdoom Hussain

Associate Professor (TTS)

PhD (UAF)

Specialization: Fish Nutrition, Aquatic Toxicology

(HEC Approved Supervisor)

### Dr. Samina Qamar

Assistant Professor

PhD (PU), Post-Doc (USA)

Specialization: Entomology, Apiculture, Bee-economics

(HEC Approved Supervisor)

### Dr. Laiq Ahmad

PhD (QAU), Post Doc (USA)

Assistant Professor

Specialization: Reproductive Physiology, Endocrinology

(HEC Approved Supervisor)

### Dr. M. Kashif Zahoor

Assistant Professor (TTS)

PhD (France)

Specialization: Entomology, Genetics, Molecular Biology

(HEC Approved Supervisor)

Dr. Shabab Nasir

Assistant Professor (TTS)

PhD (UAF), Six months research training (Norway)

Specialization: Medical Entomology

(HEC Approved Supervisor)

### Dr. Farkhanda Asad

PhD (UAF)

Assistant Professor

Specialization: Limnology, Fish Nutrition

(HEC Approved Supervisor)

### Dr. Azhar Rafique

Assistant Professor (TTS)

PhD (UAF)

Specialization: Biodiversity, Vertebrate Pest Control

### Dr. Tayyaba Ali

Assistant Professor

PhD (QAU)

Specialization: Biotechnology, Genetic Toxicology, Recombinant

DNA Technology

### Dr. Muhamamd Asrar Chaudhary

Assistant Professor

PhD (GCUF)

Specialization: Entomology, Insect Pest Management

### Dr. Bilal Hussain

Assistant Professor

PhD (GCUF)

Specialization: Fisheries, Molecular Biology, Genomics

### Dr. Faiza Jabeen

Assistant Professor (TTS)

PhD (PU, Lahore)

Specialization: Microbial Biotechnology

### Dr. Javeria Altaf

Assistant Professor

PhD (GCUF)

Specialization: Biodiversity

### Dr. Amna Sajjad

Assistant Professor

PhD (Germany)

Specialization: Molecular Immunology

### Dr. Azhar Rasool

Assistant Professor (TTS)

PhD (NENU, China)

Specialization: Cell Biology, Cell Signaling pathways, Genetics

### Dr. Tahira Younis

Assistant Professor

PhD (QAU)

Specialization: Biochemistry

### Dr. Maleeha Manzoor

Assistant Professor

PhD (PU)

Specialization: Eco-toxicology

### Mr. Zahid Iqbal

Lecturer

PhD Scholar (GCUF)

Specialization: Fisheries

### Ms. Mussarrat Shaheen

Lecturer

PhD Scholar (QAU)

Specialization: Microbiology

### Ms. Iqra Sarfraz

Lecturer (on study leave)

PhD Scholar (GCUF)

Specialization: Cell and Molecular Biology



## Scheme of Studies BS Zoology

Semester 1		
ZOL-301	Principles of Animal Life-I	4(3-1)
BOT-301	Diversity of Plants	4(3-1)
CHM-321	Introductory Chemistry	4(3-1)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
Semester 2		
ZOL-302	Principle of Animal Life-II	4(3-1)
CHM-322	Inorganic Chemistry – I	4(3-1)
MTH-321	Algebra and Trigonometry	3(3-0)
ENG-322	English Comprehensive and Composition	3(3-0)
PST-322	Pakistan Studies	2(2-0)
Semester 3		
ZOL-401	Animal Diversity -I: Invertebrates	4(3-1)
ZOL-403	Animal Diversity -II : Chordates	4(3-1)
BOT-302	Systematics, Anatomy and Development	4(3-1)
CHM-421	Physical Chemistry –I	4(3-1)
ENG-421	Communication Skills	3(3-0)
Semester 4		
ZOL-402	Animal Form & Function –I	4(3-1)
ZOL-404	Animal Form & Function –II	4(3-1)
BOT-401	Cell Biology, Genetics and Evolution	4(3-1)
PSY-422	Introduction to Psychology	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
Semester 5		
ZOL-501	Structure and Functions of Macro molecules	3(2-1)
ZOL-503	Developmental Biology	4(3-1)
ZOL-505	Advanced Environmental Biology	3(2-1)
ZOL-507	Animal Physiology	4(3-1)
ZOL-509	Advanced Cell Biology	3(2-1)
ZOL-511	Research Methodology	1(1-0)
Semester 6		
ZOL-502	Metabolism	3(2-1)

ZOL-504	Physiology of Coordination and Animal Behavior	4(3-1)
ZOL-506	Evolution and Principles of Systematic	3(2-1)
ZOL-508	General and Molecular Genetics	4(3-1)
ZOL-510	Principles of Zoogeography	3(2-1)
MIC-301	Introductory Microbiology	3(2-1)
Semester 7		
STA-507	Biostatistics	3(3-0)
BIT-405	Introduction to Biotechnology	4(3-1)
ZOL-601	Principles of Paleontology	3(2-1)
ZOL-606	Aquatic Toxicology	3(2-1)
ZOL-605	Biological and Chemical Control of Pests	3(2-1)
To be offered	*Special paper 1 (in lieu of thesis)	3(2-1)
Semester 8		
BIN-422	Introduction to Bioinformatics	3(2-1)
ZOL-602	Wildlife of Pakistan	3(2-1)
ZOL-604	Bioremediation and Bio-processing	3(2-1)
ZOL-603	Fish Culture	3(2-1)
ZOL-608	Biodiversity	3(2-1)
To be offered	*Special paper 2 (in lieu of thesis)	3(2-1)

## MSc Zoology

Semester 1		
ZOL-501	Structure and Functions of Macro molecules	3(2-1)
ZOL-503	Developmental Biology	4(3-1)
ZOL-505	Advanced Environmental Biology	3(2-1)
ZOL-507	Animal Physiology	4(3-1)
ZOL-509	Advanced Cell Biology	3(2-1)
ZOL-511	Research Methodology	1(1-0)
Semester 2		
ZOL-502	Metabolism	3(2-1)
ZOL-504	Physiology of Coordination and Animal Behavior	4(3-1)
ZOL-506	Evolution and Principles of Systematic	3(2-1)
ZOL-508	General and Molecular Genetics	4(3-1)
ZOL-510	Principles of Zoogeography	3(2-1)

MIC-301	Introductory Microbiology	3(2-1)
Semester 3		
STA-507	Biostatistics	3(3-0)
BIT-405	Introduction to Biotechnology	4(3-1)
ZOL-601	Principles of Paleontology	3(2-1)
ZOL-603	Fish Culture	3(2-1)
ZOL-605	Biological and Chemical Control of Pests	3(2-1)
To be offered	*Special paper 1 in lieu of thesis	3(2-1)
Semester 4		
BIN-422	Introduction to Bioinformatics	3(2-1)
ZOL-602	Wildlife of Pakistan	2(1-1)
ZOL-604	Bioremediation and Bio-processing	3(2-1)
ZOL-606	Aquatic Toxicology	3(2-1)
ZOL-608	Biodiversity	3(2-1)
To be offered	*Special paper 2 in lieu of thesis	3(2-1)
<b>* Two courses Special Subject/Optional will be opted in lieu of research for BS and MSc</b>		
ZOL-660	Fundamentals of Entomology	3(2-1)
ZOL-670	Fundamentals of Limnology	3(2-1)
ZOL-674	Applied Microbiology	3(2-1)
ZOL-675	Fish Physiology and Breeding	3(2-1)
ZOL-676	Aquatic Biology	3(2-1)
ZOL-677	Integrated Aqua Culture	3(2-1)
ZOL-678	Sea Food Technology	3(2-1)
ZOL-680	Thesis	6(0-6)
ZOL-683	Principles of Fish Biology	3(2-1)
ZOL-684	Immunology and Hematology	3(2-1)
ZOL-685	Vector Biology	3(2-1)
ZOL-686	Aquatic Environmental Management	3(2-1)
ZOL-687	Molecular Biology	3(2-1)
ZOL-688	Fish Ecology	3(2-1)
ZOL-689	Ichthyology	3(2-1)
ZOL-690	Bio-Physical Methods in Life Sciences	3(2-1)
ZOL-691	Comparative Anatomy of Vertebrates	3(2-1)
ZOL-692	Advanced Biology of Birds and Mammals in Pakistan	3(2-1)
ZOL-693	Biotechnology	3(2-1)

## MPhil Zoology

ZOL-701	Quantitative Zoology	3(2-1)
ZOL-702	Advances in Biodiversity	3(2-1)
ZOL-703	Immunology	3(2-1)
ZOL-704	Applied Reproductive Physiology	3(2-1)
ZOL-705	Population Genetics	3(2-1)
ZOL-706	Comparative Vertebrate Endocrinology	3(2-1)
ZOL-707	Helminthology	3(2-1)
ZOL-708	Human Genetics	3(2-1)
ZOL-709	Human Embryology and Teratology	3(2-1)
ZOL-710	Environmental biotechnology	3(2-1)
ZOL-711	Advances in Aquatic Toxicology	3(2-1)
ZOL-712	Medical Microbiology	3(2-1)
ZOL-713	Principles of Toxicology	3(2-1)
ZOL-714	Applied Fisheries	3(2-1)
ZOL-715	Applied Fisheries	3(2-1)
ZOL-716	Fisheries Management	3(2-1)
ZOL-717	Nutrient Requirement and Metabolism in Fish	3(2-1)
ZOL-718	Fish Physiology and Breeding	3(2-1)
ZOL-719	Fish Hatchery Management	3(2-1)
ZOL-720	Animal Pest and Disease Producing Organisms	3(2-1)
ZOL-721	Advanced Integrated Pest Management-I	3(2-1)
ZOL-722	Advanced Integrated Pest Management-II	3(2-1)
ZOL-723	Biology and Control of Vertebrate Pests	3(2-1)
ZOL-724	Vector Biology	3(2-1)
ZOL-725	Mammalogy	3(2-1)
ZOL-730	Wildlife Conservation and Management	3(2-1)
ZOL-731	Terrestrial Wildlife Management	3(2-1)
ZOL-732	Protected Areas and their Management	3(2-1)
ZOL-733	Advances in Ichthyology	3(2-1)
ZOL-734	Ornithology	3(2-1)
ZOL-735	Herpetology	3(2-1)
ZOL-736	Molecular and Clinical Endocrinology	3(2-1)
ZOL-737	Conservation Biology	3(2-1)
<b>Mandatory Requirements for MS/M.Phil.</b>		
ZOL-738	Lab and Biosafety	1(0-1)

STA-795	Statistics for Research	3(2-1)
ZOL-728	Seminar (General)	1(0-1)
ZOL-729	Seminar (Research)	1(0-1)
ZOL-760	Thesis	6(0-6)

## PhD Zoology

ZOL-740	Advances in Biodiversity	3(2-1)
ZOL-741	Quantitative Zoology	3(2-1)
ZOL-742	Advances in Reproductive Physiology	3(2-1)
ZOL-743	Advanced Immunology	3(2-1)
ZOL-744	Advances in Aquatic Toxicology	3(2-1)
ZOL-745	Advances in Population Genetics	3(2-1)
ZOL-746	Fish Biotechnology	3(2-1)
ZOL-747	Advances in Fish Genetics	3(2-1)
ZOL-748	Advanced Eco- Toxicology	3(2-1)
ZOL-749	New Trends and Techniques in Aquaculture	3(2-1)
ZOL-750	Wildlife Techniques and Data Analysis	3(2-1)
ZOL-751	Advances in Physiological Genetics	3(2-1)
ZOL-752	Advanced Animal Pest and Disease producing organisms	3(2-1)
ZOL-753	Restoration Ecology and sustainable Development	3(2-1)

### Mandatory Requirements for PhD

ZOL-738	Lab and Biosafety	1(0-1)
STA-795	Statistics for Research	3(2-1)
ZOL-728	Seminar (General)	1(0-1)
ZOL-729	Seminar (Research)	1(0-1)
ZOL-760	Thesis	6(0-6)



## Faculty of Physical Science

1. Department of Applied Chemistry
2. Department of Chemistry
3. Department of Computer Science
4. Department of Geography
5. Department of Information Technology
6. Department of Mathematics
7. Department of Physics
8. Department of Software Engineering
9. Department of Statistics



**Prof. Dr. Shahid Kamal**  
**Dean**

Ph: 041-9200670

Email: vc@gcuf.edu.pk

Prof. Dr. Shahid Kamal is a renowned, internationally acknowledged name in the field of statistics. A PhD, in Applied Biostatistics from the University of Exeter, Devon, UK, and he has a teaching, research and administrative experience spanning more than 30 years encompassing Applied Biostatistics, Design and Analysis of Experiments, Regression and Econometrics, Business Statistics, Computer Applications & Programming and in diverse fields of statistical applications. He served as Dean, Director, Principal, Professor at University of the Punjab, Lahore. He has developed many institutes and centres including Operation Research Centre and Statistical Databank. He has initiated many master degree programs at University of the Punjab. He is the authore of two books and has contributed a great number of research articles in reputable national and international research journals. He has supervised many research scholars at MPhil and PhD levels. He hails from a well-known educational family of Pakistan. He has joined as 5th Vice Chancellor of Government College University Faisalabad on July 24, 2019.



## Department of Applied Chemistry

Phone: 041-9203040  
Email: appchem@gcuf.edu.pk

### Programs Offered

1. BS Applied Chemistry
2. MSc Applied Chemistry
3. MPhil Applied Chemistry
4. PhD Applied Chemistry

**Chairperson: Dr. Fazal-ur-Rehman**



### Vision

To integrate modern teaching and learning methods in the curriculum to provide training to students in interdisciplinary programmes for the academics and industries.

### Mission

To provide nurturing and conducive environment for imparting skill in basic and applied chemistry. The Department of Applied chemistry is responding to the needs of chemical industries by preparing skilled manpower.

### Introduction

Government College University is situated in the center of Faisalabad which is the hub of the textile industry because of its vast industrial network and textile based structure. More than 500 textile units in the city are utilizing chemistry to manufacture value added products according to world standards. In addition to textile sector, Faisalabad is also well known for different industries; such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, foods, oils and fats, soaps and detergents. Keeping in view the industrial need for highly qualified, skilled, visionary and trained manpower that could meet international standards, the Department of Applied Chemistry was established at the Government College University Faisalabad in 2004 to meet industrial challenges. The faculty of the Department is strolling hard with full devotion and dedication to produce dynamic students of high calibre with clear cut aims and market oriented objectives. The idea behind these activities is to train our students as entrepreneurs for creating the jobs rather than looking for the jobs themselves. All the faculty members of

Applied Chemistry are PhD or enrolled in PhD.

### Objectives

- To produce applied chemists who can efficiently manage the working of industries and be able to motivate and adopt new technologies to meet the international standards
- To produce students who are confident of applying the knowledge of chemistry and skills which they acquire in understanding the problems of the local industry and the world at large. Thereby making useful contributions towards resolving industry linked problems.
- To produce chemists who can work as quality control managers (from raw material and intermediate product to final product) in every sector of the industry.
- To provide skill in handling chemicals, managing chemical laboratories and scientific instruments.

### Achievements:

Department of Applied Chemistry has established working research collaboration with industry such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, foods, oils and fats, soaps and detergents. All faculty members of Applied Chemistry are working on different projects funded by HEC out of these seven are NRPU research grants. Moreover, our faculty members have also won research grants from international research organizations such as ISF, ISESCO and UNESCO/IUPAC project for green chemistry. The department of Applied Chemistry organizes International conferences, workshops, symposia and hand on trainings for students, staff and faculty members wherein eminent scientists of international fame are often invited.



The department of Applied Chemistry is not only progressing in research activities but also has success stories in Business and won prizes in Business Incubation Centre, other interdepartmental and sports competitions. The department of Applied Chemistry is also enhancing its activities by launching different short courses and associate degree programs which are designed in collaboration with the Chamber of Commerce and Industries of Faisalabad. The different areas are

- Textile Industries
- Natural Product Isolation
- Natural and Synthetic Polymers
- Polymer composite materials
- Paints and Coatings
- Adhesives and Sealants
- Pharmaceuticals and Nutraceuticals
- Natural and Synthetic Rubber
- Dyes and Pigments
- Glass/ceramics
- Oils and Fats Industries

## Faculty

### Dr. Fazal-ur-Rehman

Chairperson/Associate Professor  
PhD (UAF)

Specialization: Physical Chemistry/ Polymer Chemistry  
(HEC Approved Supervisor)

### Dr. Tahsin Gulzar

Associate Professor  
Post Doc (Germany)

Specialization: Organic Chemistry / Phytochemistry  
(HEC Approved Supervisor)

### Dr. Muhammad Jawwad Saif

Associate Professor  
PhD MRSC, C. Chem.

Specialization: Computational Chemistry/Functional Materials/  
Catalysis  
(HEC Approved Supervisor)

### Dr. Shumaila Kiran

Associate Professor  
PhD (UAF)

Specialization: Organic Chemistry / Environment Chemistry /  
Wastewater Treatment  
(HEC Approved Supervisor)

### Dr. Mirza Nadeem Ahmad

Associate Professor  
PhD (Beijing, China)

Specialization: Materials Chemistry, Environmental Chemistry  
(HEC Approved Supervisor)

### Dr. Muhammad Naveed Anjum

Assistant Professor  
PhD (HUST, China)

Specialization: Material Chemistry / Polymer Composite Material  
(HEC Approved Supervisor)

### Dr. Muhammad Ibrahim

Assistant Professor  
PhD (UoK)

Specialization: Organic Chemistry/ Natural Products Chemistry  
(HEC Approved Supervisor)

### Dr. Tahir Farooq

Assistant Professor  
PhD University of Bergen Norway

Specialization: Organic Chemistry/ Medicinal Chemistry  
(HEC Approved Supervisor)

### Dr. Shazia Tabasum

Assistant Professor  
PhD (GCUF)

Specialization: Organic Chemistry/Polymer Chemistry  
(HEC Approved Supervisor)

### Dr. Shahzad Zafar Iqbal

Assistant Professor  
PhD, (UAF), Post Doctorate (Univ. of Putra, Malaysia)  
Visiting Scientist (Rutgers, USA)

Research Specialization; Organic Chemistry/ Food Chemistry/  
Food Safety  
(HEC Approved Supervisor)

### Dr. Shazia Abrar

Assistant Professor  
Ph.D. (University of Graz, Austria)

Specialization: Analytical Chemistry and Cosmetic Science

### Dr. Sarosh Iqbal

Assistant Professor

Ph.D. HEJRIC, Karachi (HEC Approved Supervisor)  
Specialization: Medicinal Chemistry / Polymerchemistry /  
Organometallic Chemistry

### Mrs. Anbreen Anjum

PhD Scholar (GCUF)  
Lecturer

Specialization: Organic Chemistry/ Polymer Chemistry

### Mrs. Aqdas Noreen

PhD Scholar (GCUF)  
Lecturer

Specialization: Organic Chemistry/Polymer Chemistry

### Mrs. Kinza Aslam

PhD Scholar (GCUF)

Lecturer (on study leave)



## Scheme of Studies BS Applied Chemistry

Semester 1		
ENG-321	Functional English	3(3-0)
PHY-321	Fundamentals of Mechanics	3(2-1)
PST-321	Pakistan Studies	2(2-0)
MTH-321 OR	Mathematics-I (Algebra and Trigonometry) (For Medical students)	3(3-0)
BOT-303	Functional Biology-I (For Non-medical students)	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ACH-301	Fundamentals of Inorganic Chemistry	4(3-1)
Semester 2		
ENG-322	English Comprehensive and Composition	3(3-0)
ISL-321 Or ISL-322	Islamic Studies Or Ethics (For Non Muslims)	2(2-0) 2(2-0)
PHY-322	Fundamentals of Electricity and Magnetism	3(2-1)
MTH-322 OR BOT-306	Mathematics-II (Introduction to Calculus)(For Medical students) Functional Biology-II (For Non-medical students)	3(3-0) 3(3-0)
ACH-302	Fundamentals of Organic Chemistry	4(3-1)
ACH-304	Environmental Chemistry	3(3-0)
Semester 3		
ENG-421	Communication Skills	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
MTH-433	Mathematics for Chemists-I	3(3-0)
ACH-401	Fundamentals of Physical Chemistry	4(3-1)
ACH-403	Fundamentals of Biochemistry	4(3-1)
Semester 4		
ENG-422	Technical Writing	3(3-0)
MTH-434	Mathematics for Chemists-II	3(3-0)
ACH-402	Modern Approaches in Applied Chemistry	4(3-1)
ACH-404	Fundamentals of Analytical Techniques	4(3-1)
ACH-406	Fundamentals of Applied Chemistry	4(3-1)
Semester 5		
ACH-501	Applied Inorganic Chemistry-I	4(3-1)
ACH-503	Applied Organic Chemistry-I	4(3-1)

ACH-505	Applied Physical Chemistry-I	4(3-1)
ACH-507	Analytical Techniques and Quality Control	4(3-1)
ACH-509	Chemometrics	3(3-0)
Semester 6		
ACH-502	Applied Inorganic Chemistry-II	4(3-1)
ACH-504	Applied Organic Chemistry-II	4(3-1)
ACH-506	Applied Physical Chemistry-II	4(3-1)
ACH-508	Applied Molecular Spectroscopy	3(3-0)
ACH-510	Chemical Process Industries	4(3-1)
Semester 7		
*ACH-601	Oils, Fats and Waxes	4(3-1)
*ACH-603	Colour Chemistry	4(3-1)
*ACH-605	Chemistry of Textiles Processing	4(3-1)
*ACH-607	Inorganic Chemical Industries	3(3-0)
*ACH-609	Food and Allied Industries	3(3-0)
*ACH-611	Paper and Leather Industries	3(3-0)
*ACH-613	Glass, Ceramics and Cement Industries	3(3-0)
†ACH-615	Synthetic Polymers	4(3-1)
†ACH-617	Characterization Techniques for Polymers	4(3-1)
†ACH-619	Mechanism and Kinetics of Polymerization	3(3-0)
†ACH-621	Synthetic Fibers	3(3-0)
†ACH-623	Introduction to Composite Materials	3(3-0)
†ACH-625	Polymer Rheology and Processing	3(3-0)
*ACH-627	Industrial Heterocycles	4(3-1)
†ACH-629	Physical Chemistry of Polymers	3(3-0)
†ACH-631	Natural Polymers	3(3-0)
ENG-611	English for Employment	3(3-0)
ENG-611 is compulsory course. In 7th semester, it is mandatory for students to take two courses from general courses (*) and two courses from polymer courses (†), when offered by the department. Out of four courses, two courses must be practical courses and two courses must be non-practical courses		
Semester 8		
MKT-401	Principles of Marketing	3(3-0)
ACH-602	Research Methods and Scientific Writing	3(3-0)
ACH-604	Chemistry and Renewable Energy	3(3-0)
ACH-628	Seminar	1(0-1)
ACH-630	Review Article/ Postgraduate Industrial Research Project	4(0-4)

## MSc Applied Chemistry

Semester 1		
ACH-501	Applied Inorganic Chemistry-I	4(3-1)
ACH-503	Applied Organic Chemistry-I	4(3-1)
ACH-505	Applied Physical Chemistry-I	4(3-1)
ACH-507	Analytical Techniques and Quality Control	4(3-1)
ACH-509	Chemometrics	3(3-0)
Semester 2		
ACH-502	Applied Inorganic Chemistry-II	4(3-1)
ACH-504	Applied Organic Chemistry-II	4(3-1)
ACH-506	Applied Physical Chemistry-II	4(3-1)
ACH-508	Applied Molecular Spectroscopy	3(3-0)
ACH-510	Chemical Process Industries	4(3-1)
Semester 3		
*ACH-601	Oils, Fats and Waxes	4(3-1)
*ACH-603	Colour Chemistry	4(3-1)
*ACH-605	Chemistry of Textiles Processing	4(3-1)
*ACH-607	Inorganic Chemical Industries	3(3-0)
*ACH-609	Food and Allied Industries	3(3-0)
*ACH-611	Paper and Leather Industries	3(3-0)
*ACH-613	Glass, Ceramics and Cement Industries	3(3-0)
†ACH-615	Synthetic Polymers	4(3-1)
†ACH-617	Characterization Techniques for Polymers	4(3-1)
†ACH-619	Mechanism and Kinetics of Polymerization	3(3-0)
†ACH-621	Synthetic Fibers	3(3-0)
†ACH-623	Introduction to Composite Materials	3(3-0)
†ACH-625	Polymer Rheology and Processing	3(3-0)
*ACH-627	Industrial Heterocycles	4(3-1)
†ACH-629	Physical Chemistry of Polymers	3(3-0)
†ACH-631	Natural Polymers	3(3-0)
ENG-611	English for Employment	3(3-0)
ENG-611 is compulsory course. In 3rd semester, it is mandatory for students to take two courses from general courses (*) and two courses from polymer courses (†), when offered by the department. Out of four courses, two courses must be practical courses and two courses must be non-practical courses.		
Semester 4		
MKT-401	Principles of Marketing	3(3-0)



ACH-602	Research Methods and Scientific Writing	3(3-0)
ACH-604	Chemistry and Renewable Energy	3(3-0)
ACH-628	Seminar	1(0-1)
ACH-630	Review Article/ Postgraduate Industrial Research Project	4(0-4)

## MPhil/PhD Applied Chemistry

Theory Courses		
*ACH-701	Instrumental Analysis for Process Industries	3(3-0)
*ACH-702	Industrial Water Conditioning and Effluent Treatment	3(3-0)
*ACH-703	Corrosion Chemistry	3(3-0)
*ACH-704	Green Chemistry	3(3-0)
*ACH-705	Industrial Catalysis	3(3-0)
*ACH-706	Emulsions and Emulsification	3(3-0)
ACH-707	Paints and Coatings	3(3-0)
ACH-708	Pharmaceutical Chemistry	3(3-0)
ACH-709	Agrochemicals	3(3-0)
ACH-710	Chemistry of Dyes and Pigments	3(3-0)
ACH-711	Chemistry of Essential Oils	3(3-0)
ACH-712	Functional Food and Nutraceuticals	3(3-0)
ACH-713	Industrial Polymers	3(3-0)
ACH-714	Applied Atomic Spectroscopy	3(3-0)
ACH-715	Electrochemical Methods	3(3-0)
ACH-716	Applied Mass Spectrometry	3(3-0)
ACH-718	High Performance Fibers	3(3-0)
ACH-719	Adhesive and Sealants	3(3-0)
ACH-720	Chemistry of Supramolecules	3(3-0)
ACH-721	Chemistry of Nanomaterials	3(3-0)
ACH-722	Chemistry of Elastomeric Materials	3(3-0)
ACH-723	Polymeric Composites	3(3-0)
ACH-724	Biodegradable Polymers	3(3-0)
ACH-725	Chemistry of Pharmaceutical Excipients	3(3-0)
ACH-726	Chemistry of Textile Auxiliaries	3(3-0)
ACH-727	Environmental Issues of Chemical Industries	3(3-0)
ACH-731	Plastics Recycling Industries	3(3-0)
ACH-732	Phase Transfer Catalysis	3(3-0)
ACH-733	Chemistry of Carbohydrate Derivatives	3(3-0)

ACH-734	Chromatographic Methods	3(3-0)
ACH-735	Methods of Thermal Analysis	3(3-0)
ACH-736	Forensic Analysis	3(3-0)
ACH-737	Applied Biophysical Chemistry	3(3-0)
ACH-738	Natural Products Chemistry	3(3-0)
ACH-739	Applied Nuclear Chemistry	3(3-0)
ACH-740	Applied NMR Spectroscopy	3(3-0)
ACH-741	Industrial Retrosynthesis	3(3-0)
ACH-742	Applied Food Safety	3(3-0)
ACH-743	Bionanocomposites	3(3-0)
ACH-744	Introduction to Chemistry of Cosmetics	3(3-0)

### Mandatory Requirements for MPhil

STA-795	Statistics for Research	3(2-1)
ACH-728	Seminar (General)	1(0-1)
ACH-729	Seminar (Research)	1(0-1)
ACH-730	Thesis	6(0-6)

### Mandatory Requirements for PhD

STA-795	Statistics for Research	3(2-1)
ACH-758	Seminar (General)	1(0-1)
ACH-759	Seminar (Research)	1(0-1)
ACH-760	Thesis	

\*Core courses for MPhil program; the students will have to take four core courses as and when offered by the department.

\*PhD. Students will take two core courses if they have not studied in MPhil or previous studies.

\*STA-795 "Statistics For Research" is a compulsory course for the students of MPhil and PhD.

N.B: Overall 24 teaching credit hours for MPhil are mandatory and Overall 18 teaching credit hours for PhD program are mandatory. However, the research supervisor of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.



## Department of Chemistry

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### Vision

To promote the quality research in the various branches of chemistry to ensure a viable and practical solution to all the problems in the respective areas.

### Mission

To the advancement of highest level of theoretical and practical knowledge of chemistry, the department pledges to train Chemists capable of making significant contribution in the areas of medicine, pharmacy, petroleum and related fields.

### Introduction

History of chemistry started back in from 465 BC when Democritus became first to proposed that the matter exists in the form of particles, so he coined the crude concept of the atom. Later, Aristotle (300 BC) proposed the existence of only four elements. The advent of the Alchemists (300 BC – 300 AD) was era when all efforts were rotating around attempts to transmute cheap metals into gold. Among other things, Alchemists sought a universal solvent and philosopher stone. Around 1500 BC, Elixir of life was the focus, a chemical concoction that would enable people to live longer and cure all ailments. With the beginning of 17th century, the death of alchemist and elixir of life was the time when Sir Robert Boyle formulated the fundamental gas laws, Torricelli invented the mercury barometer and Otto constructed vacuum pump. In the 18th century beside the contribution of many others, A.L. Lavoisier (sometimes regarded as father of chemistry) described the composition of many organic compounds. The 19th Century brought the Dalton's atomic theory, cathode rays, discovery of

proton, X-rays, electron and its properties, radioactive elements and fluorescent light. 20th century to present is the era of modern chemistry. Between 1901 to 2019, 111 times Nobel Prize in chemistry has been awarded to 183 Nobel Laureates. Today chemistry is contributing to all walks of life. The researchers of chemistry have strong portfolio over past few decades contributing to vast range of topics from robotic cars to oil spills. Still many societal challenges need to address with more clear goals, less remote and more manageable.

The department of chemistry started with the establishment of the Government College University Faisalabad in 2002. The department of chemistry is of the major departments of the university. It is situated in the new campus in a completely purposeful building for academic and research requirements. The department is hosting more than 900 students of graduation, master, M.Phil. and Ph.D. The department is decorated with the modern lecture rooms and theaters as well as fully furnishes general labs for all the specializations offered like Organic, Inorganic, Analytical and Physical Chemistry. The curriculum of all offered degree is in coherence to the guidelines of Higher Education Commission (HEC) of Pakistan. New courses are introduced time to time in order to acquaint our student with the recent developments in the subject. The major focus of the department is preparing our students to meet the requirements of international and colonial expectations. Our alumni are serving around the Pakistan and across the globe. Our graduates are catering the requirements of industry, public and private research organization and as entrepreneurs.

The research activities are also flourishing in the department with the large number of ongoing research projects funded by the national and international funding agencies. There are specialized research labs for synthesis, characterizations,

### Programs Offered

1. BS Chemistry
2. MSc Chemistry
3. MPhil (Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Analytical Chemistry)
4. PhD Chemistry

Chairman: Dr. Muhammad Zubair



material sciences, drug and therapeutic discoveries, dyes and fabricating, nanomaterials and polymer research, waste water treatment, solution chemistry and computational chemistry. All these labs are publishing in the esteemed peer review journals and have research collaborations around the globe. The research project are aimed to meet the global challenges and especially to the community challenges.

## Faculty

### Dr. Muhammad Kaleem Khan Khosa

Post Doc. (UK)

Professor

Specialization: Material Chemistry, Organo Transition Metal Chemistry

### Dr. Khalid Mahmood Zia

PhD (UAF)

Associate Professor/Director ORIC (Research)

Specialization: Physical Chemistry / Polymer chemistry/Textile Chemistry/Bionanocomposites

### Dr. Muhammad Asghar Jamal

PhD (PU)

Associate Professor

Specialization: Physical Chemistry/Solution Chemistry

### Dr. Abdullah Ijaz Hussain

Post Doc. (Malaysia)

Associate Professor

Specialization: Analytical Chemistry/Pharmaceuticals & Nutraceuticals

### Dr. Shahzad Ali Shahid Chatha

Post Doc. (Canada)

Associate Professor

Specialization: Natural Products/Environmental/Textile Chemistry

### Dr. Ameer Fawad Zahoor

PhD (Germany)

Associate Professor (Tenured)

Specialization: Organic Synthesis, Drug Discovery, Synthetic Organic Chemistry

### Dr. Nasir Rasool

PhD (Germany)

Associate Professor (Tenured)

Specialization: Synthesis of Natural Products, Medicinal Chemistry, Homogeneous Catalysis

### Dr. Syed Ali Raza Naqvi

PhD (PU)

Associate Professor (Tenured)

Specialization: Bio-Analytical, Nuclear Medicine Chemistry

### Dr. Matloob Ahmad

PhD (PU)

Associate Professor (Tenured)

Specialization: Organic Chemistry, Synthetic Organic chemistry, Heterocyclic Compounds

### Dr. Asim Mansha

Post Doc. (Austria)

Associate Professor (Tenured)

Specialization: Physical Chemistry

### Dr. Tanveer Hussain Bokhari

Post Doc. (USA)

Associate Professor (Tenured)

Specialization: Inorganic Chemistry, Radiochemistry

### Dr. Zulfiqar Ali Khan

Post Doc. (Canada)

Associate Professor (Tenured)

Specialization: Organic Chemistry

### Dr. Muhammad Usman

PhD (QAU)

Associate Professor (Tenured)

Specialization: Physical Chemistry

### Dr. Majid Munir

PhD (UAF)

Associate Professor (Tenured)

Specialization: Physical Chemistry

### Dr. Muhammad Saeed

PhD (UoP)

Associate Professor (Tenured)

Specialization: Physical Chemistry (Heterogeneous Catalysis)

### Dr. Atta ul Haq

PhD (UoP)

Associate Professor (Tenured)

Specialization: Analytical Chemistry

### Dr. Muhammad Yousaf

Post Doc. (China)

Assistant Professor

Specialization: Organic Semiconductor Synthesis, Organometallic Chemistry

### Dr. Samreen Gul Khan

PhD (GCUL)

Assistant Professor (TTS)

Specialization: Analytical Chemistry

### Dr. Tahir Maqbool

PhD (IUB)

Assistant Professor

Specialization: Organic Chemistry

### Dr. Saima Rehman

PhD (UAF)

Assistant Professor

Specialization: Physical Chemistry

### Dr. Fozia Anjum

PhD (UAF)

Assistant Professor (TTS)

Specialization: Analytical Chemistry

### Dr. Nadia Akram

PhD (QAU)

Assistant Professor (TTS)

Specialization: Physical Chemistry (Polymer/composite materials, Soft matter)

### Dr. Bushra Parveen

PhD (GCUF)

Assistant Professor

Specialization: Inorganic Chemistry

### Dr. Shazia Naheed

PhD (GCUF)

Assistant Professor

Specialization: Organic Chemistry

### Dr. Kiran Aftab

PhD (GCUF)

Assistant Professor

Specialization: Analytical Chemistry

### Dr. Kulsoom G. Ali

PhD (GCUF)

Assistant Professor  
Specialization: Inorganic Chemistry

**Dr. Faiz Ahmed**

PhD (IUB)  
Assistant Professor, Specialization: Organic Chemistry

**Ms. Zumaira Siddique**

M.Phil (UOS)  
Lecturer  
Specialization: Physical Chemistry

**Mr. Shahid Adeel**

M.Phil (UAF)  
Lecturer  
Specialization: Physical Chemistry

**Ms. Ayesha Malik**

M.Phil (UAF)  
Lecturer (On study Leave)  
Specialization: Organic Chemistry

**Ms. Javeria Rehman**

M.Phil (GCUL)  
Lecturer (On study Leave)  
Specialization: Analytical Chemistry

## Scheme of Studies BS Chemistry

Semester 1		
CHM-301	Fundamental Organic Chemistry	4(3 - 1)
ENG-321	Functional English	3(3 - 0)
PST-321	Pakistan Studies	2(2 - 0)
MTH-301	Calculus-I	4(4 - 0)
PHY-301	Mechanics – I	4(3 - 1)
ZOL-301	Principle in Animal Life – I	4(3 - 1)
BOT-301	Diversity of Plants	4(3 - 1)
Optional (Any two subjects): Math & Physics or Botany & Zoology		
Semester 2		
CHM-302	Fundamental Inorganic Chemistry	4(3 - 1)
ENG-322	English Comprehension and Composition	3(3 - 0)
ISL-321	Islamic Study/Ethics	2(2 - 0)
MTH-302	Calculus-II	4(4 - 0)

PHY-302	Mechanics – II	4(3 - 1)
ZOL-302	Principle in Animal Life – II	4(3 - 1)
BOT-302	Systematic, Anatomy and Development	4(3 - 1)
Optional (Any two subjects): Math & Physics or Botany & Zoology		
Semester 3		
CHM-401	Fundamental Physical Chemistry	4(3 - 1)
ENG-421	Communications Skills	3(3 - 0)
CSI-401	Computer Applications & Web-I	3(3 - 0)
MTH-405	Differential Equations – I	4(4 - 0)
PHY-401	Electricity & Magnetism – I	4(3-1)
ZOL-401	Animal Diversity: Invertebrates	4(3-1)
BOT-401	Cell Biology, Genetics and Evolution	4(3-1)
Optional (Any two subjects): Math & Physics or Botany & Zoology		
Semester 4		
CHM-402	Fundamental Analytical Chemistry	4(3 - 1)
ENG-422	Technical Writing	3(3 - 0)
CSI-422	Computer Applications & Web– II	3(3-0)
MTH-406	Differential Equations – II	4(4 - 0)
PHY-402	Electricity & Magnetism – II	4(3 - 1)
ZOL-402	Animal Form & Function	4(3 - 1)
BOT-402	Plant Physiology and Ecology	4(3 - 1)
Optional (Any two subjects): Math & Physics or Botany & Zoology		
Semester 5		
CHM-501	Inorganic Chemistry – I	4(3 - 1)
CHM-503	Organic Chemistry – I	4(3 - 1)
CHM-505	Physical Chemistry – I	4(3 - 1)
CHM-507	Analytical Chemistry – I	4(3 - 1)
MTH-525	Mathematics for Chemists	2(2 - 0)
Semester 6		
CHM-502	Inorganic Chemistry – II	4(3 - 1)
CHM-504	Organic Chemistry - II	4(3 - 1)
CHM-506	Physical Chemistry - II	4(3 - 1)
CHM-508	Analytical Chemistry – II	4(3 - 1)
CHM-510	Environmental Chemistry	3(3 - 0)
Semester 7		
Specialization in Analytical Chemistry		
ENG-611	English for Employment	3(3 - 0)

CHM-601	Electroanalytical Techniques	3(3 - 0)
CHM-603	Advanced Separation Techniques	3(3 - 0)
CHM-605	Atomic Spectroscopy	3(3 - 0)
CHM-607	Analytical Chemistry Practicals – I	2(0 - 2)
Specialization in Inorganic Chemistry		
ENG-611	English for Employment	3(3 - 0)
CHM-611	Main Group Organometallic and Organic Reagents	3(3 - 0)
CHM-613	Spectroscopic Methods of Analysis	3(3 - 0)
CHM-615	Organo-Transition Metal Compounds	3(3 - 0)
CHM-617	Inorganic Chemistry Practicals – I	2(0 - 2)
Specialization in Organic Chemistry		
ENG-611	English for Employment	3(3 - 0)
CHM-621	Spectroscopic Organic Techniques	3(3 - 0)
CHM-623	Rearrangements and Pericyclic Reactions	3(3 - 0)
CHM-625	Pharmaceutical Chemistry	3(3 - 0)
CHM-627	Organic Chemistry Practicals – I	2(0 - 2)
Specialization in Physical Chemistry		
ENG-611	English for Employment	3(3 - 0)
CHM-631	Kinetics of Complex Reactions	3(3 - 0)
CHM-633	Advanced Spectroscopy	3(3 - 0)
CHM-635	Material Chemistry	3(3 - 0)
CHM-637	Physical Chemistry Practicals – I	2(0 - 2)
Semester 8		
Specialization in Analytical Chemistry		
STA-321	Introduction to Statistical Theory	3(3 - 0)
CHM-602	Thermal Methods of Analysis	3(3 - 0)
CHM-604	Nuclear Analytical Techniques	3(3 - 0)
CHM-606	Food and Drug Chemistry	3(3 - 0)
CHM-608	Standard Methods & Quality Assurance	3(3 - 0)
CHM-610	Analytical Chemistry Practicals – II	2(0 - 2)
Specialization in Inorganic Chemistry		
STA-321	Introduction to Statistical Theory	3(3 - 0)
CHM-612	X-ray Spectroscopy	3(3 - 0)
CHM-614	Homogeneous Catalysis	3(3 - 0)
CHM-616	Radio Nuclear Chemistry	3(3 - 0)
CHM-618	Magneto Chemistry	3(3 - 0)
CHM-620	Inorganic Chemistry Practicals– II	2(0 - 2)



Specialization in Organic Chemistry		
STA-321	Introduction to Statistical Theory	3(3 – 0)
CHM-622	Organic Polymers	3(3 – 0)
CHM-624	Reactive Intermediates and Photochemistry	3(3 – 0)
CHM-626	Disconnection Approach	3(3 – 0)
CHM-628	Organic Catalyst and Protective Group	3(3 – 0)
CHM-630	Organic Chemistry Practicals – II	2(0 – 2)
Specialization in Physical Chemistry		
STA-321	Introduction to Statistical Theory	3(3 – 0)
CHM-632	Applications of Symmetry & Group Theory	3(3 – 0)
CHM-634	Quantum Mechanics	3(3 – 0)
CHM-636	Nuclear and Radiation Chemistry	3(3 – 0)
CHM-638	Electrochemical Aspects of Solutions	3(3 – 0)
CHM-640	Physical Chemistry Practicals – II	2(0 – 2)

## MSc Chemistry

Semester 1		
CHM-501	Inorganic Chemistry – I	4(3 – 1)
CHM-503	Organic Chemistry – I	4(3 – 1)
CHM-505	Physical Chemistry – I	4(3 – 1)
CHM-507	Analytical Chemistry – I	4(3 – 1)
MTH-525	Mathematics for Chemists	2(2 – 0)
Semester 2		
CHM-502	Inorganic Chemistry – II	4(3 – 1)
CHM-504	Organic Chemistry - II	4(3 – 1)
CHM-506	Physical Chemistry - II	4(3 – 1)
CHM-508	Analytical Chemistry – II	4(3 – 1)
CHM-510	Environmental Chemistry	3(3 – 0)
Semester 3		
Specialization in Analytical Chemistry		
ENG-611	English for Employment	3(3 – 0)
CHM-601	Electroanalytical Techniques	3(3 – 0)
CHM-603	Advanced Separation Techniques	3(3 – 0)
CHM-605	Atomic Spectroscopy	3(3 – 0)
CHM-607	Analytical Chemistry Practicals – I	2(0 – 2)
Specialization in Inorganic Chemistry		
ENG-611	English for Employment	3(3 – 0)

CHM-611	Main Group Organometallic and Organic Reagents	3(3 – 0)
CHM-613	Spectroscopic Methods of Analysis	3(3 – 0)
CHM-615	Organo-Transition Metal Compounds	3(3 – 0)
CHM-617	Inorganic Chemistry Practicals – I	2(0 – 2)
Specialization in Organic Chemistry		
ENG-611	English for Employment	3(3 – 0)
CHM-621	Spectroscopic Organic Techniques	3(3 – 0)
CHM-623	Rearrangements and Pericyclic Reactions	3(3 – 0)
CHM-625	Pharmaceutical Chemistry	3(3 – 0)
CHM-627	Organic Chemistry Practicals – I	2(0 – 2)
Specialization in Physical Chemistry		
ENG-611	English for Employment	3(3 – 0)
CHM-631	Kinetics of Complex Reactions	3(3 – 0)
CHM-633	Advanced Spectroscopy	3(3 – 0)
CHM-635	Material Chemistry	3(3 – 0)
CHM-637	Physical Chemistry Practicals – I	2(0 – 2)
Semester 4		
Specialization in Analytical Chemistry		
STA-321	Introduction to Statistical Theory	3(3 – 0)
CHM-602	Thermal Methods of Analysis	3(3 – 0)
CHM-604	Nuclear Analytical Techniques	3(3 – 0)
CHM-606	Food and Drug Chemistry	3(3 – 0)
CHM-608	Standard Methods & Quality Assurance	3(3 – 0)
CHM-610	Analytical Chemistry Practicals – II	2(0 – 2)
Specialization in Inorganic Chemistry		
STA-321	Introduction to Statistical Theory	3(3 – 0)
CHM-612	X-ray Spectroscopy	3(3 – 0)
CHM-614	Homogeneous Catalysis	3(3 – 0)
CHM-616	Radio Nuclear Chemistry	3(3 – 0)
CHM-618	Magneto Chemistry	3(3 – 0)
CHM-620	Inorganic Chemistry Practicals– II	2(0 – 2)
Specialization in Organic Chemistry		
STA-321	Introduction to Statistical Theory	3(3 – 0)
CHM-622	Organic Polymers	3(3 – 0)
CHM-624	Reactive Intermediates and Photochemistry	3(3 – 0)
CHM-626	Disconnection Approach	3(3 – 0)
CHM-628	Organic Catalyst and Protective Group	3(3 – 0)

CHM-630	Organic Chemistry Practicals – II	2(0 – 2)
Specialization in Physical Chemistry		
STA-321	Introduction to Statistical Theory	3(3 – 0)
CHM-632	Applications of Symmetry & Group Theory	3(3 – 0)
CHM-634	Quantum Mechanics	3(3 – 0)
CHM-636	Nuclear and Radiation Chemistry	3(3 – 0)
CHM-638	Electrochemical Aspects of Solutions	3(3 – 0)
CHM-640	Physical Chemistry Practicals – II	2(0 – 2)

## MPhil / PhD Chemistry

Inorganic Chemistry		
CHM-701	Solid State Chemistry	3(3 – 0)
CHM-702	Photochemical Reactions of Transition Metals	3(3 – 0)
CHM-703	Applied Transition Metal Catalytic Chemistry	3(3 – 0)
CHM-704	Chemistry of Organometallic Compounds	3(3 – 0)
CHM-705	Inorganic Electronic Spectroscopy	3(3 – 0)
CHM-706	Kinetics and Mechanism of Inorganic Reactions	3(3 – 0)
CHM-707	Bio-Inorganic Chemistry	3(3 – 0)
CHM-708	Nano Chemistry	3(3 – 0)
CHM-709	Applied Spectroscopy	3(3 – 0)
CHM-710	Extractive Metallurgy	3(3 – 0)
CHM-711	Metal Based Drugs	3(3 – 0)
CHM-712	Medicinal Inorganic Chemistry	3(3 – 0)
CHM-713	Advanced Thermal Analysis	3(3 – 0)
CHM-714	Metal Complexes in Cancer Chemotherapy	3(3 – 0)
CHM-715	Inorganic Cage Compounds	3(3 – 0)
CHM-716	Inorganic Polymers	3(3 – 0)
CHM-717	Radiochemistry	3(3 – 0)
Analytical Chemistry		
CHM-731	Advanced Research Methodology	3(3 – 0)
CHM-732	Advanced Gas Chromatography	3(3 – 0)
CHM-733	Advanced Liquid Chromatography	3(3 – 0)
CHM-734	Advanced Molecular Spectroscopy	3(3 – 0)
CHM-735	Mass Spectrometric Analysis	3(3 – 0)
CHM-736	Advanced Emission Spectroscopy	3(3 – 0)
CHM-737	Laser and Luminescence Spectroscopy	3(3 – 0)
CHM-738	Analytical Aspects of NMR Spectroscopy	3(3 – 0)



CHM-739	Radiopharmaceutical Analysis	3(3-0)
CHM-740	Radio-Analytical Methods of Analysis	3(3-0)
CHM-741	Modern Extraction Techniques	3(3-0)
CHM-742	Quality Assurance and quality Control	3(3-0)
CHM-743	Modern Analysis for Process Industries	3(3-0)
CHM-744	Techniques for Polymer Analysis	3(3-0)
CHM-745	Environmental Impact of Chemical Industries	3(3-0)
CHM-746	X-Rays Methods of Analysis	3(3-0)
CHM-747	Advanced Electrochemical Techniques	3(3-0)
CHM-748	Advanced Electrophoretic Techniques	3(3-0)
CHM-749	Forensic Chemistry	3(3-0)
CHM-750	Automated Methods of Analysis	3(3-0)
<b>Organic Chemistry</b>		
CHM-751	Modern Trends in Organic Synthesis	3(3-0)
CHM-752	Advanced Stereochemistry	3(3-0)
CHM-753	Physico-organic Chemistry and Reaction Mechanism	3(3-0)
CHM-754	Advanced Heterocycles-I	3(3-0)
CHM-755	Chemistry of Glycosides	3(3-0)
CHM-756	Biosynthesis of Natural Products	3(3-0)
CHM-757	Advanced Nuclear Magnetic Resonance	3(3-0)
CHM-761	Role of Protective Groups in Organic Synthesis	3(3-0)
CHM-762	Advanced Heterocycles -II	3(3-0)
CHM-763	Advanced Molecular Rearrangements	3(3-0)
CHM-764	Chemistry of Nitrogenous Compounds	3(3-0)
CHM-765	Advanced Mass Spectrometry	3(3-0)
CHM-766	Supramolecular Chemistry	3(3-0)
CHM-767	Chemistry of Drugs	3(3-0)
CHM-768	Chelated Enolates in Organic Synthesis	3(3-0)
CHM-769	Cross Coupling Reactions	3(3-0)
CHM-770	Multi-component Reactions	3(3-0)
CHM-771	Green Synthesis	3(3-0)
CHM-772	Symmetry Controlled Reactions	3(3-0)
CHM-773	Classics in Total Synthesis	3(3-0)
<b>Physical Chemistry</b>		
CHM-780	Polymer Mechanochemistry	3(3-0)
CHM-781	Physical Chemistry of High Polymers	3(3-0)
CHM-782	Complex Extension of Quantum Chemistry	3(3-0)

CHM-783	Electrode Processes	3(3-0)
CHM-784	Magnetic Spin Dynamics	3(3-0)
CHM-785	Molecular Spectroscopy	3(3-0)
CHM-786	Photochemistry	3(3-0)
CHM-787	Solution Chemistry	3(3-0)
CHM-788	Colloids and Surfactants	3(3-0)
CHM-789	Theoretical and Computational Chemistry	3(3-0)
CHM-790	Advanced Composite Materials	3(3-0)
CHM-791	Heterogeneous Catalysis	3(3-0)
CHM-792	Modern Aspects of Chemical Kinetics	3(3-0)
CHM-793	Environmental Chemistry and Energy Conversions	3(3-0)
CHM-794	Surface Chemistry	3(3-0)
CHM-795	Solid State and Semiconductors	3(3-0)
CHM-796	Thermodynamics and Statistical Mechanics	3(3-0)
CHM-797	Environmental Applications of High Energy Radiations	3(3-0)
CHM-798	Instrumental Physical Chemistry	3(3-0)
CHM-799	Modern Trends in Symmetry and Group Theory	3(3-0)

#### Mandatory Requirements for MPhil

STA-795	Statistics for Research	3(2-1)
CHM-728	Seminar (General)	1(0-1)
CHM-729	Seminar (Research)	1(0-1)
CHM-730	Thesis	6(0-6)

#### Mandatory Requirements for PhD

*STA-795	Statistics for Research	3(2-1)
CHM-758	Seminar (General)	1(0-1)
CHM-759	Seminar (Research)	1(0-1)
CHM-760	Thesis	6(0-6)

\*Ph.D students who have not studied the course "Statistics for Research" in M.Phil will have to take this course as audit course as mandatory requirement.



## Department of Computer Science

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cs@gcuf.edu.pk



### Vision

To ensure that the students take maximum advantage of the modern computer sciences to solve a wide range of complex scientific, technological and social problems.

### Mission

To provide exemplary education and training to our students in the field of computer so that they productively contribute to academia and industry.

### Introduction

The Department of Computer Science is one of the most prominent and oldest centers of computer education in Faisalabad city and was established as a separate department by offering ICS program in 1999. The progress journey of the department continued, and it offered BS (CS) program in 2001 and MCS program in 2004.

The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Computer Science Department provides a comprehensive range of facilities necessary for computer use and a library of programs and packages for solving scientific, engineering, commercial and social problems.

### Laboratories

The department is equipped with three state of the art computer labs with the latest Pentium machines. These laboratories which are accessible to all students and teachers of Computer Science Department are linked through the state of the art network environment for retrieving information.

The following laboratories have been set up:

- Database Design Lab
- Software Development Lab

A team of excellent and dedicated developers works untiringly hard to develop, design and update wide range of software that meets the university requirements in addition to the market demands as well.

### Faculty

#### Dr. Muhammad Ramzan Talib

Professor / Chairman

PhD (Computer Science)

Specialization: Databases and Information Systems

#### Dr. Muhammad Kashif Hanif

Assistant Professor

PhD (Computer Science)

Specialization: GPU Computing, Algorithm Analysis

#### Muhammad Umer Sarwar

Assistant Professor

MS(CS), PhD Scholar

Specialization: Databases, Information Security

#### Sami Ullah

Assistant Professor

MS(CS), PhD Scholar

Specialization: Networks, Web Programming

### Programs Offered

1. BS Computer Science
2. MSc Computer Science
3. MS Computer Science
4. PhD Computer Science

Chairman: Prof. Dr. Muhammad Ramzan Talib

**Dr. Muhammad Younas**

Assistant Professor (OPS)  
PhD (Computer Science)  
Specialization: Computer Network

**Dr. Muhammad Murad**

Assistant Professor (OPS)  
PhD (Computer Science)  
Specialization: Block Chain Technology

**Dr. Uzma Jamil**

Assistant Professor  
PhD (Computer Engineering)  
Specialization: Machine Learning

**Muhammad Irfan Khan**

Lecturer  
MS(CS), PhD Scholar  
Specialization: Computer Graphics, Data Structure

**Sh. Muhammad Aamir**

Lecturer  
MS(CS), PhD Scholar  
Specialization: Programming, Computer Network

**Nafees Ayub**

Lecturer  
MS(CS), PhD Scholar  
Specialization: Programming, Computer Network

**Sohail Iqbal**

Lecturer  
MS(CS), PhD Scholar  
Specialization: Algorithms, Computer Graphics

**Khurram Shahzad**

Lecturer  
MS(CS), PhD Scholar  
Specialization: Natural Language Processing

**Asma Sajid**

Lecturer  
MS(CS)  
Specialization: Software Engineering

**Adeel Zahid**

Lecturer (On Study Leave)  
MS(CSE), PhD Scholar  
Specialization: Visual Programming, Discrete Structure

## Scheme of Studies

### BS Computer Science

Semester 1		
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-323	Calculus & Analytical Geometry	3(3-0)
AAF-302	Financial Accounting	3(3-0)
ENG-322	English Composition & Comprehension	3(3-0)
ECO-408	Introduction to Pakistani Economy	3(3-0)
ISL-321	Islamic Studies OR	2(2-0)
ISL-322	Ethics for Non-Muslims	2(2-0)
Semester 2		
CSI-301	Programming Fundamentals	4(3-1)
ELE-401	Digital Logic Design	4(3-1)
MTH-324	Multi-variate Calculus	3(3-0)
CSI-405	Discrete Structures	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENG-422	Technical Writing	3(3-0)
Semester 3		
CSI-401	Data Structure and Algorithms	4(3-1)
CSI-302	Object Oriented Programming	4(3-1)
CSI-504	Computer Networks	4(3-1)
MTH-423	Differential Equations	3(3-0)
PHY-323	Basic Electronics	3(2-1)
STA-321	Introduction to Statistical Theory	3(3-0)
Semester 4		
CSI-403	Computer Organization and Assembly Language	4(3-1)
CSI-406	Database Systems	4(3-1)
SWE-401	Introduction to Software Engineering	3(3-0)
CSI-418	Wireless Communication	3(3-0)
CSI-505	Numerical Computing	3(3-0)
Semester 5		
CSI-404	Theory of Automata	3(3-0)
CSI-407	Professional Practices	3(3-0)
CSI-503	Operating Systems	4(3-1)
ENG-421	Communication Skills	3(3-0)
MTH-424	Linear Algebra	3(3-0)

Semester 6		
CSI-502	Artificial Intelligence	4(3-1)
CSI-402	Design and Analysis of Algorithms	3(3-0)
CSI-506	Web Design and Development	3(2-1)
CSI-508	Fundamental of Data Mining	3(3-0)
CSI-602	Distributed Database Systems	3(2-1)
Semester 7		
CSI-601	Mobile & Application Development	3(2-1)
CSI-603	Computer Graphics	3(2-1)
SOC-307	Introduction to Sociology	3(3-0)
CSI-605	Parallel & Distributed Computing	3(3-0)
CSI-501	Compiler Construction	3(3-0)
Semester 8		
CSI-604	Information Security	3(3-0)
	Foreign Language*	3(3-0)
*Department can offer any one of the following languages Chinese , French, German, English, Persian, Arabic		
CSI-631	Project	6(0-6)

## MSc Computer Science

Semester 1		
CSI-521	Introduction to Computer Science & Information Technology	4(3-1)
CSI-523	Introduction to Computer Programming	4(3-1)
CSI-525	Database Management Systems	4(3-1)
CSI-527	Digital Logic and Design	3(2-1)
CSI-529	Discrete Structure	3(3-0)
ENG-421	Communication Skills	3(3-0)
Semester 2		
CSI -522	Object Oriented Programming	4(3-1)
CSI -524	Theory of Automata and Formal Languages	3(3-0)
CSI -526	Distributed Database Systems	3(2-1)
CSI -528	Computer Organization and Assembly Language	3(2-1)
CSI -530	Operating Systems	3(2-1)
SWE-572	Software Engineering	3(3-0)
Semester 3		
CSI-621	Data Structures and Algorithms	3(2-1)



CSI-623	Computer Graphics	3(2-1)
CSI-625	Theory of Compiler Construction	3(2-1)
CSI-627	Web Engineering	3(2-1)
CSI-629	Data Communication and Networks	3(2-1)
CSI-633	Artificial Intelligence	3(2-1)
<b>Semester 4</b>		
SWE-656	Software Project Management	3(3-0)
CSI-622	Research Methods and Data Analysis	3(3-0)
CSI-624	Wireless and Mobile Communication	3(3-0)
CSI-680	Thesis	6(0-6)

CSI-726	Research Trends in Workflow Resource Management	3(3-0)
CSI-731	Research Trends in Data Provenance	3(3-0)
CSI-732	Advance topics in Parallel Computing	3(3-0)
CSI-733	Special Topics in Machine Learning	3(3-0)
CSI-734	Research Trends in Semantic web	3(3-0)
CSI-735	Advance topics in Big Data Analysis	3(3-0)
CSI-737	Special Topics in Text Mining	3(3-0)

**Other Mandatory Requirements for MS**

*STA-795	Statistics for Research	3(2-1)
CSI-728	Seminar (General)	1(0-1)
CSI-729	Seminar (Research)	1(0-1)
CSI-730	Research and Thesis	6(0-6)

**Other Mandatory Requirements for PhD**

*STA-795	Statistics for Research	3(2-1)
CSI-758	Seminar (General)	1(0-1)
CSI-759	Seminar (Research)	1(0-1)
CSI-760	Research and Thesis	6(0-6)

\*Ph.D students who have not studied the course "Statistics for Research" in M.Phil will have to take this course as audit course as mandatory requirement.

## MS /PhD Computer Science

<b>Core Courses for MS</b>		
CSI-701	Advanced Analysis of Algorithms	3(3-0)
CSI-702	Advanced Operating System	3(3-0)
CSI-703	Theory of Programming Language	3(3-0)
CSI-704	Theory of Automata-II	3(3-0)
CSI-705	Advanced Computer Architecture	3(3-0)
CSI-706	Research Methods and Data Analysis	3(3-0)
<b>List of Elective Courses for MS and PhD</b>		
CSI-710	Advanced Topics in Computer Networks	3(3-0)
CSI-711	Advanced Topics in Distributed Computing	3(3-0)
CSI-712	Special Topics in Intelligent Systems	3(3-0)
CSI-713	Special Topics in Web Services	3(3-0)
CSI-714	Research Trends in Web Services	3(3-0)
CSI-715	Research Trends in Data Grid	3(3-0)
CSI-716	Advanced Topics in Software Engineering	3(3-0)
CSI-717	Advanced Topics in Computer Science	3(3-0)
CSI-718	Advanced Data Analysis	3(3-0)
CSI-719	Advanced Topics in Information Technology	3(3-0)
CSI-720	Special Topics in Modeling and Simulation	3(3-0)
CSI-721	Research Trends in Data Mining	3(3-0)
CSI-722	Research Trends in Data Warehouse	3(3-0)
CSI-723	Research Trends in Distributed Database	3(3-0)
CSI-724	Research Trends in Semantic Web	3(3-0)
CSI-725	Research Trends in Business Process Management	3(3-0)



## Department of Geography

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### Programs Offered

1. BS Geography
2. BS Remote Sensing and GIS
3. MSc Geography
4. MPhil Geography
5. PhD Geography

Incharge: **Dr. Kashif Mahmood**



### Vision

To make Geography a dynamic discipline through utilizing research techniques of both Physical/Earth Sciences and Social sciences.

### Mission

To achieve excellence in spatial sciences through making significant contributions in society by 1) Providing educators with effective and relevant professional development, support and materials, focusing on geographic concepts contents and pedagogy. 2) Applying geographic science to societal and environmental issues in state, the nation and global community. 3). By training students to solve spatial problem by using geo-spatial techniques.

### Introduction

Department of Geography is focusing on its two distinct domains: Human Geography and Physical Geography. All disciplines including Geography made progress through latest innovation through the advancement in technology. Geographic Information System, Remote Sensing, Digital Cartography and Spatial analysis are the latest developments which are credited to the discipline of Geography. Moreover, our focus is also on the social issues of Pakistani society with their spatial dimensions and these are missing in other social sciences. Sustainable development, urban transition, Globalization, Rapid population Growth, Water Contamination, Solid waste Management, Land use/Land use cover change, natural disaster and hazards, Women empowerment, Changing family structure and changing Pakistani society are the focal areas which are being investigated at our Department.

### Faculty

#### **Dr. Kashif Mahmood**

Assistant Professor / Incharge

Ph.D (University of Orleans, France)

Specialization: Urban Transition, Urban sprawl, Housing, Fertility Transition, Family structure, Sustainable development, Household surveys, women empowerment

#### **Dr. Fazl ul Haq**

Assistant Professor, PhD (University of Peshawar), M.Phil

(University of Peshawar)

Specialization: Mountains Geography and Natural Resource Management

#### **Dr. Liaqat Ali Waseem**

Assistant Professor (TTS)

Ph.D University of Salzburg Austria.

Specialization: Applied Geography, Urban & Landscape Ecology, Management & Policy. Natural Resource Management & Sustainable Development

#### **Dr. Syed Ali Asad Naqvi**

Assistant Professor (TTS)

Ph.D Geography University of Karachi, Karachi

Specialization: Medical Geography: Environmental Geography;

#### **Dr. Faiza Mazhar**

Assistant Professor (TTS)

Ph.D (University of Punjab Lahore)

Specialization: Urban land use planning, Geographic Information Systems, Remote Sensing

**Dr. Shoaib Khalid**

Assistant Professor (OPS), Ph.D Nanjing University , China  
Specialization: Geography of Crime , GIS

**Ms. Nusrat Parveen**

Lecturer, M.Phil (GCUF)  
Specialization: Environmental Geography

**Ms. Mahpara Iram**

Lecturer, M.Phil(GCUF)  
Specialization: Geography.

**Ms. Mubshra Mohsin**

Lecturer, M.Phil (GCUF)  
Specialization: Geography

**Ms. Hafiza Huma Haider**

Lecturer, M.Phil (The Islamia University, Bahawalpur)  
Specialization: Spatial Data Analysis ,Urban Transition , Housing , Urban Sprawl

**Ms. Fareeha Zameer**

Lecturer, M.Phil (GCUF)  
Specialization: Human Geography

**Ms. Mariam Kareem**

Research Officer  
M.Phil (GCUF).  
Specialization: Geography



## Scheme of Studies

### BS Geography

Semester 1		
GEO-301	Fundamentals of Geography	3(3-0)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)
PST-321	Pakistan Studies	2(2-0)
IRS-301	Introduction to International Relations	3(3-0)
Semester 2		
GEO-302	Physical Geography	3(3-0)
GEO-304	Fundamentals of GIS	3(2-1)
GEO-306	Introduction to GPS	3(1-2)
ENG-322	English Comprehension and Composition	3(3-0)
ISL-321	Islamic Studies / Ethics	2(2-0)
ISL-322	Ethics for (Non-Muslims)	2(2-0)
MTH-322	Introduction to Calculus	3(3-0)
Semester 3		
GEO-401	Human Geography	3(3-0)
GEO-403	Introduction to Biogeography	3(3-0)
GEO-405	Principles of Remote Sensing	3(2-1)
ENG-421	Communication Skills	3(3-0)
Semester 4		
GEO-402	Introduction to Geo-statistics	3(3-0)
GEO-404	Surveying and Leveling	3(1-2)
GIS-402	Digital Image Processing	3(2-1)
ENG-422	Technical Writing	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
Semester 5		
GEO-501	Geomorphology	3(3-0)
GEO-503	Climatology	3(3-0)
GEO-505	Economic Geography	3(3-0)
GEO-507	Concepts in Human Geography	3(3-0)
GEO-509	Geographic Thought and Modern Concepts	3(3-0)
GIS-505	Spatial Data Visualization	3(2-1)
Semester 6		
GEO-502	Quantitative Techniques in Geography	3(2-1)

GEO-504	Research Methodology	3(3-0)
GEO-506	Advanced GIS	3(3-0)
GEO-508	Cartography	3(1-2)
GEO-510	Geography of Pakistan	3(3-0)
GIS-502	Spatial Data Analysis	3(1-2)
Semester 7		
GEO-601	Geodesy	3(3-0)
GEO-603	Digital Cartography	3(1-2)
GEO-605	Soil Geography	3(2-1)
GEO-607	Population Geography	3(3-0)
GEO-609	Cultural Geography	3(3-0)
GEO-611	Transportation Geography	3(3-0)
GEO-613	Geography of Recreation & Tourism	3(3-0)
GEO-615	Urban Geography	3(3-0)
GEO-617	Geography of Arid Lands	3(3-0)
GEO-619	Oceanography	3(3-0)
GEO-621	Land Use Planning	3(3-0)
GEO-623	Forest Management	3(3-0)
Note: Students have to choose 4 optional courses from GEO-605 to GEO-623 in the seventh semester.		
Semester 8		
GEO-602	Field Research Report	3(0-3)
GEO-604	Regional Studies of South Asia / North America / Australia etc.	3(3-0)
GEO-606	Climate Change Studies	3(3-0)
GEO-608	Regional Planning & Development	3(2-1)
GEO-610	Advance Remote Sensing	3(2-1)
GEO-612	Political Geography	3(3-0)
GEO-614	Military Geography	3(3-0)
GEO-616	Medical Geography	3(3-0)
GEO-618	Geography of Natural Hazards and Disasters	3(3-0)
GEO-620	Environmental Geography	3(3-0)
GEO-622	Environmental Impact assessment	3(3-0)
GEO-624	Planning and Management of Housing	3(3-0)
GEO-626	Urban Planning	3(3-0)
GEO-640	Thesis (in lieu of two elective papers one from 7th and one from 8th semester)	6(0-6)
Note: Students have to choose 3 optional courses from GEO-606 to GEO-626 in the eighth semester		

## BS Remote Sensing and GIS

Semester 1		
GIS-301	Introduction to GIS	3(2-1)
GEO-301	Fundamentals of Geography	3(3-0)
ENG-301	Functional English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-321	Algebra and Trigonometry	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
Semester 2		
GIS-302	Introduction to Remote Sensing	3(2-1)
GEO-302	Physical Geography	3(3-0)
ENG-322	English Comprehension and Composition	3(3-0)
ISL-321	Islamic Studies / Ethics	2(2-0)
CSI-302	Object Oriented Programming	3(2-1)
MTH-322	Introduction to Calculus	3(3-0)
Semester 3		
GIS-401	Introduction to Photogrammetry	3(2-1)
GEO-401	Human Geography	3(3-0)
MTH-409	Discrete Mathematics	3(3-0)
CSI-401	Data Structure & Algorithms	3(2-1)
ENG-421	Communication Skills	3(3-0)
Semester 4		
GIS-402	Digital Image Processing	3(2-1)
GIS-404	Global Positioning Systems	3(3-0)
GIS-406	Database Systems	3(1-2)
GEO-402	Introduction to Geo-statistics	3(3-0)
GEO-404	Surveying & leveling	3(1-2)
ENG-422	Technical Writing	3(3-0)
Semester 5		
GIS-501	GIS Programming	3(1-2)
GIS-503	Spatial Decision Support Systems	3(2-1)
GIS-505	Spatial Data Visualization	3(2-1)
GIS-507	Land Use Planning and Development	3(2-1)
GIS-509	Navigation System	3(2-1)
Semester 6		
GIS-502	Spatial Data Analysis	3(1-2)
GIS-504	Research Methods	3(3-0)

GIS-506	Geospatial Project Management	3(3-0)
GIS-508	Microwave & Hyper Spectral Remote Sensing	3(2-1)
GEO-508	Cartography	3(1-2)
Semester 7		
GIS-601*	Spatial Data Management	3(2-1)
GEO-601*	Geodesy	3(3-0)
GIS-603	Spatial Data Modeling	3(3-0)
GIS-605	Application of GIS in Demography	3(3-0)
GEO-623	Forest Management	3(3-0)
GIS-697	Final Project I	3(0-3)
Note: Two elective courses will have to be opted in the seventh semester from GIS-603 to GEO-623		
Semester 8		
*GIS-698	Final Project II	3(0-3)
GIS-602*	Web GIS	GIS-602
GIS-604	Spatial Data Infra Structure	GIS-604
GIS-606	Monitoring Household Surveys	3(2-1)
GIS-608	GIS for Disaster Management	3(2-1)
GEO-622	Environmental Impact assessment	3(3-0)
GEO-624	Planning and Management of Housing	3(3-0)
GEO-626	Urban Planning	3(2-1)
Note: Students have to choose 3 optional courses from GIS-604 to GEO-626 in the eighth semester.		

## MSc Geography

Semester 1		
GEO-501	Geomorphology	3(3-0)
GEO-503	Climatology	3(3-0)
GEO-505	Economic Geography	3(3-0)
GEO-507	Concepts in Human Geography	3(3-0)
GEO-509	Geographic Thought and Modern Concepts	3(3-0)
GIS-505	Spatial Data Visualization	3(2-1)
Semester 2		
GEO-502	Quantitative Techniques in Geography	3(2-1)
GEO-504	Research Methodology	3(3-0)
GEO-506	Advanced GIS	3(3-0)
GEO-508	Cartography	3(3-0)

GEO-510	Geography of Pakistan	3(3-0)
GIS-502	Spatial Data Analysis	3(1-2)
Semester 3		
GEO-601	Geodesy	3(1-2)
GEO-603	Digital Cartography	3(1-2)
GEO-605	Soil Geography	3(2-1)
GEO-607	Population Geography	3(3-0)
GEO-609	Cultural Geography	3(3-0)
GEO-611	Transportation Geography	3(3-0)
GEO-613	Geography of Recreation & Tourism	3(3-0)
GEO-615	Urban Geography	3(3-0)
GEO-617	Geography of Arid Lands	3(3-0)
GEO-619	Oceanography	3(3-0)
GEO-621	Land Use Planning	3(2-1)
GEO-623	Forest Management	3(2-1)
Note: Students have to choose 4 optional courses from GEO-605 to GEO-623 in the 3rd semester.		
Semester 4		
GEO-602	Field Research Report	3(0-3)
GEO-604	Regional Studies of South Asia / North America / Australia etc.	3(3-0)
GEO-606	Climate Change Studies	3(3-0)
GEO-608	Regional Planning & Development	3(2-1)
GEO-610	Advance Remote Sensing	3(1-2)
GEO-612	Political Geography	3(3-0)
GEO-614	Military Geography	3(1-2)
GEO-616	Medical Geography	3(3-0)
GEO-618	Geography of Natural Hazards and Disasters	3(3-0)
GEO-620	Environmental Geography	3(3-0)
GEO-622	Environmental Impact assessment	3(2-1)
GEO-624	Planning and Management of Housing	3(2-1)
GEO-626	Urban Planning	3(2-1)
GEO-640	Thesis (in lieu of two elective papers one from 7th and one from 8th semester)	6(0-6)
Note: Students have to choose 3 optional courses from GEO-606 to GEO-626 in the 4th semester		



## MPhil / PhD Geography

GEO-701*	Advanced Research Methods	3(2-1)
GEO-702*	Geo-Statistics	3(2-1)
GEO-703*	Techniques in Geo-Informatics	3(2-1)
STA-795*	Statistics for Research	3(2-1)
GEO-704**	Research Design and Methods in Geography	3(3-0)
GEO-705	Advanced Urban Geography	3(3-0)
GEO-706	Biogeography	3(2-1)
GEO-707	Climate Change Science	3(2-1)
GEO-708	Population and Development	3(3-0)
GEO-709	Environmental Management	3(3-0)
GEO-710	Research in Soil Geography	3(3-0)
GEO-711	Natural Resources and Sustainable Development	3(3-0)
GEO-712	Geospatial Applications in Urban planning	3(3-0)
GEO-713	Forest Management and Ecology	3(3-0)
GEO-714	Urban Transition	3(3-0)
GEO-715	Natural Hazards and Disasters Management	3(3-0)
GEO-716	Urban Ecology	3(3-0)
GEO-717	Geography of Drought and Desertification	3(3-0)
GEO-718	Applied Methods of Urban and Regional Planning	3(3-0)
GEO-719	Earth Observation and Sustainable Urban Planning & Development	3(3-0)
GEO-720	Fluvial Morphology	3(3-0)
GEO-721	Fertility Transition	3(3-0)
GEO-722	Geopolitics and World Affairs	3(3-0)
GEO-723	Culture and Cultural Landscapes	3(3-0)
GEO-724	Medical Geography and GIS Modeling	3(2-1)
<b>Mandatory Requirements for M.Phil</b>		
GEO-728	General Seminar (2nd Semester)	1(0-1)
GEO-730	Thesis (3rd and 4th Semester)	6(0-6)
<b>Mandatory Requirements for PhD</b>		
GEO-758	General Seminar (1st Semester)	(0-1)
GEO-759	Research Seminar (2nd Semester)	(0-1)
GEO-760	Thesis	
*Core courses for MPhil		
** Core Courses for PhD		

Note: Overall 24 teaching credit hours for M.Phil and 18 teaching credit hours for Ph.D. program are mandatory. Students have to take four core courses in First Semester and 4 elective courses in the second semester of M.Phil from the above mentioned list. Students have to take one core course and two elective courses in First Semester whereas they have to take three elective courses in the 2nd semester in PhD. \*PhD students who have not studied the course "Statistics for Research" in MPhil will have to take this course as audit course as mandatory requirement. The department will offer the courses keeping in view the availability of faculty.





## Department of Information Technology

Email: [it@gcuf.edu.pk](mailto:it@gcuf.edu.pk)

### Programs Offered

1. BS Information Technology
2. MS Information Technology

**Chairperson: Dr. Mariam Rehman**



### Vision

To realize the Information Technology Division's success by respectfully acknowledging diverse and changing needs of the individuals in the dynamic fields of teaching, research, industry and outreach.

### Mission

To provide responsive and dependable delivery of information technology to the graduates in the various disciplines of information technology and to train them to apply the knowledge and skills of information technology in the academics, industrial and business sector.

### Introduction

The College of Computer Science & Information Studies was one of the most prominent and oldest centres of computer education in Faisalabad and was established as a separate department by offering ICS programme in 1999. The progress journey of the department continued, and it offered BS (CS) programme in 2001, MCS programme in 2004 and MS (CS) program in 2009. BS(IT) was started as a specialized area according to the guidelines of Higher Education Commission (HEC). Later, Department of Information Technology became a separate department focusing on more specialized areas of information technology. This journey continued, and department offered MS (IT) program in 2014. The department provides excellent computing facilities and ensure the enhancement of practical knowledge to students. Department of Information Technology

provides a comprehensive range of facilities necessary for computer use, library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with state of the art computer labs equipped with latest machines. These laboratories are accessible to all students and teachers and also linked through the state of the art network environment in order to work efficiently.

### Faculty

#### **Dr. Mariam Rehman**

Chairperson (Associate Professor)

Ph.D

Specialization: Information Management

#### **Dr. Muhammad Sheraz Arshad Malik**

Assistant Professor

Ph.D

Specialization: HCI, IoT, Big Data, Info Visualization

#### **Ms. Rabia Saleem**

Assistant Professor (On Study Leave)

MS(CS)

Specialization: Artificial Intelligence / Database Systems

#### **Mr. Tahir Abdullah**

Lecturer

MS(CS)

Specialization: Software Engineering

**Mr. Afzaal Hussain**

Lecturer

MS(CS)

Specialization: Machine Learning

**Mr. Shahbaz Nazeer**

Lecturer

MS(CS)

Specialization: Software Engineering

**Scheme of Studies****BS Information Technology**

Semester 1		
CSI-321	Introduction to Computing Applications	3(2-1)
CSI-301	Programming Fundamentals	4(3-1)
ENG-322	English Composition & Comprehension	3(3-0)
MTH-323	Calculus & Analytical Geometry	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (Non-Muslims)	2(2-0)
Semester 2		
CSI-302	Object Oriented Programming	4(3-1)
ENG-421	Communication Skills	3(3-0)
CSI-405	Discrete Structures	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PHY-323	Basic Electronics	3(2-1)
Semester 3		
CSI-401	Data Structure & Algorithms	4(3-1)
CSI-503	Database Systems	4(3-1)
ENG-422	Technical Writing	3(3-0)
CSI-512	Computer Networks	4(3-1)
ELE-401	Digital Logic Design	3(2-1)
Semester 4		
CSI-402	Operating Systems	4(3-1)
CIT-408	Visual Programming	3(2-1)
CIT-406	Web Technologies	3(2-1)
SWE-401	Introduction to Software Engineering	3(3-0)
STA-321	Probability & Statistics	3(3-0)
Semester 5		

CIT-501	Information Technology Project Management	3(3-0)
CIT-505	System and Network Administration	3(2-1)
MTH-424	Linear Algebra	3(3-0)
CIT-504	Database Administration and Management	4(3-1)
	IT Elective-1	3(3-0)
CIT-332	Operations Research	3(3-0)
Semester 6		
CIT-502	Information Technology Infrastructure	3(3-0)
GEO-510	Geographic Information System	3(3-0)
SWE-501	Software Requirement Engineering	3(3-0)
	IT Elective-2	3
	IT Elective-3	3
CSI-619	Information Security	3(3-0)
Semester 7		
CIT-601	Virtual Systems and Services	4(3-1)
	IT Elective-4	3(3-0)
	IT Elective-5	3(3-0)
SWE-507	Human Computer Interaction	3(3-0)
CIT-603	Modeling and Simulation	3(2-1)
MGT-601	Entrepreneurship	3(3-0)
Semester 8		
CIT-631	Project	6(0-6)
CIT-604	Cyber Security	3(3-0)
CSI-407	Professional Practices	3(3-0)
MKT-401	Principles of Marketing	3(3-0)

**\* List of IT Elective Courses for BS(IT)**

CIT-638	Telecommunication Systems	3(3-0)
CIT-639	Routing & Switching	3(2-1)
CIT-640	Network Design and Management	3(2-1)
CIT-641	Network Programming	3(2-1)
CIT-642	Computer Game Development	3(2-1)
CIT-643	Multimedia Technologies	3(2-1)
CIT-644	3D Modeling & Animation	3(2-1)
CIT-645	Mobile Computing	3(2-1)
CIT-646	Software Agents Technology	3(3-0)
CIT-647	Computer Graphics	3(3-0)

CIT-648	Enterprise Application Development	3(2-1)
CIT-649	Distributed Computing	3(2-1)
CIT-650	Mobile Application Development	3(2-1)
CIT-651	Data Warehousing	3(3-0)
CIT-652	Data Mining	3(3-0)
CIT-653	Robotics	3(2-1)
CIT-654	Distributed Database Systems	3(2-1)
CIT-655	Enterprise Resource Planning Systems	3(3-0)
CIT-656	Information Systems Auditing and Assurance	3(3-0)
CIT-657	Business Process Management	3(3-0)
CIT-658	Knowledge Management	3(2-1)
CIT-659	Wireless and Mobile Communications	3(2-1)
CIT-660	Cryptography and Information Security	3(3-0)
CIT-661	Human Computer Interaction Design	3(3-0)
CIT-662	Cloud Computing	3(2-1)
CIT-663	System Integration and Architecture	3(3-0)
CIT-664	Technology Management	3(3-0)
CIT-665	Multimedia Systems and Design	3(2-1)
CIT-666	Internet Architecture & Protocols	3(3-0)
CIT-667	Information Systems	3(3-0)
CIT-668	Artificial Intelligence & Fuzzy Logic Systems	3(3-0)

**MS Information Technology**

Semester 1		
CIT-701	Advanced Database Management Systems	3(3-0)
CIT-702	Information Security and Assurance	3(3-0)
CIT-703	Research Methods (University Elective-I)	3(3-0)
STA-795	Statistics for Research	3(2-1)
Semester 2		
	Elective I	3
	Elective II	3
	Elective III	3
	Elective IV	3
Semester 3		
CIT-728	Seminar (General)	1(0-1)
Semester 4		
CIT-729	Seminar (Research)	1(0-1)

CIT-730	Thesis (Full Registration)	6(0-6)
<b>List of Elective Courses</b>		
CIT-710	Mobile and Wireless Networks	3(3-0)
CIT-711	Information Technology Infrastructure	3(3-0)
CIT-712	Telecom Management	3(3-0)
CIT-713	Data Warehousing Trends & Issues	3(3-0)
CIT-714	Data Mining Trends & Issues	3(3-0)
CIT-715	Advanced Business Intelligence and Analytics	3(3-0)
CIT-716	Multimedia Databases	3(3-0)
CIT-717	Enterprise Data Centre Design and Methodology	3(3-0)
CIT-718	Data Centre Network Design, Implementation, and Security	3(3-0)
CIT-719	Virtualized Data Centre	3(3-0)
CIT-720	Advanced Computer Networks	3(3-0)
CIT-721	Network Performance Modelling and Evaluation	3(3-0)
CIT-722	Integrated Services over Packet Networks	3(3-0)
CIT-723	Knowledge-Based Systems	3(3-0)
CIT-724	Advanced Telecommunication Networks	3(3-0)
CIT-725	Advanced Network Security	3(3-0)
CIT-726	Advanced Multimedia Systems	3(3-0)
CIT-727	Distributed System	3(3-0)
CIT-728	Computer Vision	3(3-0)
CIT-729	Big Data Analytics	3(3-0)
CIT-730	Information Visualization	3(3-0)
CIT-731	Data Science	3(3-0)
CIT-732	Machine Learning	3(3-0)
CIT-733	Information Retrieval	3(3-0)





## Department of Mathematics

Phone: 041-9200814  
Email: math@gcuf.edu.pk



### Vision

Mathematics develops computational skills, critical thinking, and problem-solving skills. The theory, discipline, and techniques taught in mathematics courses are especially important in today's society. The faculty of the Department of Mathematics recognizes this and strives to ensure that the student learner obtains this knowledge. At the same time, the faculty contributes to the discipline by fundamental research in pure and applied mathematics, statistics, and mathematics education.

### Mission

To Develop the courses to ensure that the student learner will be able to contribute to today's society; and will obtain abilities to critically assess numerical and graphical information; learn to formulate strategies for solving problems; and acknowledge the importance of being intellectually curious throughout their adult lives. The Department, through its faculty, will continue to contribute to the body of knowledge of the discipline, whether in traditional research, applied research, or research in the teaching of Mathematics.

### Introduction

Established in 1963 the Department of Mathematics is one of the oldest departments of this institution. It has rich history of excellence and performance and produced renowned mathematicians who are serving in various organizations with distinction and credit.

At the University level this department is now running BS, MSc, M. Phil and PhD programs in the subject of Mathematics.

The Department has produced outstanding students who are serving in academic institutions, Pakistan Atomic Energy

Commission, Banks and Industries, and in particular, the Aerospace, Oil and Electronic Industry etc. The mission of the Department is to enhance the research skills of the creative minds through active involvement in the research-oriented activities.

The Department has qualified and experienced teachers who are devotedly inculcating in the students the zeal, spirit and determination necessary to compete with the new scientific challenges in every walk of life.

### Goals

The Department will offer courses that:

- Build and enhance computational skills necessary in today's society and develop the students' ability to critically interpret numerical and graphical data.
- Develop and enhance the students' problem solving skills.
- Encourage and reinforce the critical thinking skills of the students.
- Develop the students' ability to intelligently communicate mathematical results in both written and oral format.
- Re-institute the Masters in Mathematics, offering concentrations in Applied Mathematics and Teaching of Mathematics.
- Provide the faculty with the necessary time and resources to enhance their professional endeavors in teaching, in research, and in service.
- Provide an environment which will help all faculty and staff to achieve their professional goals.

### Programs Offered

1. BS Mathematics
2. MSc Mathematics
3. MPhil Mathematics
4. PhD Mathematics

Chairman: Prof. Dr. Muhammad Nawaz Naem

## Faculty

### Prof. Dr. Muhammad Nawaz Naeem

Professor / Chairman  
Ph.D (UK)  
Specialization: Vibrations of Cylindrical Shells

### Dr. Muhammad Imran

Associate Professor  
PhD (GCU, Lahore)  
Specialization: Fluid Mechanics, PDEs, Numerical Simulations

### Dr. Saima Parveen

Assistant Professor  
PhD (GCU, Lahore)  
Specialization: Algebraic Topology

### Dr. Nazeran Idrees

Assistant Professor  
PhD (GCU, Lahore)  
Specialization: Commutative Algebra

### Dr. Mohsan Raza

Assistant Professor  
PhD (COMSATS, Islamabad)  
Specialization: Geometric Function Theory

### Dr. M. Ahsan Binyamin

Assistant Professor  
PhD (GCU, Lahore)  
Specialization: Commutative Algebra & Singularity Theory

### Dr. Awais Gul Khan

Assistant Professor  
PhD (COMSATS University Islamabad)  
Specialization: Variational Inequalities, Optimization

### Dr. Muhammad Umer Shuaib

Assistant Professor  
M. Phil (GCU, Lahore)  
PhD (QAU, Islamabad)  
Specialization: Group Theory and its Generalizations

### Dr. Muhammad Hussan Mahmood

Assistant Professor  
PhD (COMSATS University Islamabad)  
Specialization: Fluid Mechanics, Symmetry Analysis

### Dr. Muhammad Uzair Awan

Assistant Professor  
PhD (COMSATS University Islamabad)  
Specialization: Convex Analysis, Mathematical Inequalities

### Ms. Farida Hafeez

Assistant Professor  
M. Phil (GCU, Faisalabad)  
Specialization: Graph Theory

### Dr. Khadija Tul Kubra

Assistant Professor  
PhD (Massey University, Auckland, New Zealand)  
Specialization: Applied Mathematics

### Dr. Muhammad Kashif Iqbal

Assistant Professor  
PhD (NCBA&E, Lahore)  
Specialization: Computational Mathematics

### Dr. Saqib Mazher Qurashi

Assistant Professor  
PhD (QAU, Islamabad)  
Specialization: Fuzzy, soft, rough algebraic structures and related decisions making problems

### Dr. Shazia Kanwal

Assistant Professor  
PhD (COMSATS, Islamabad)  
Specialization: Variational Inequalities, Optimization

### Mrs. Ayesha Iqbal

Lecturer  
M.Phil (GCUF)  
Specialization: Vibrations of Cylindrical Shells with ring support.

### Mrs. Sehar Asghar

Lecturer  
M.Phil (GCUF)  
Specialization: Operations Research

### Mrs. Asma Mahmood

Lecturer (On study leave for Ph.D)  
M.Phil (GCUF)  
Specialization: Gamma-Semi groups

### Mrs. Hadia Ali

Lecturer (On study leave for Ph.D)  
M.Phil (GCUF)

Specialization: Differential Equations and differential transformations methods

### Mr. Naveed Anjum

Lecturer (On study leave for Ph.D)  
M.Phil (AirUniversity, Islamabad)  
Specialization: Mathematical Modeling.

### Mrs. Samaira Naz

Lecturer (On study leave for Ph.D)  
M.Phil (GCUF)  
Specialization: Differential Equations

### Ms. Atifa Latif

Lecturer  
M.Phil (GCUF)  
Specialization: Symmetries of Differential Equations

### Mrs. Saima Rasheed

Lecturer (On study leave for Ph.D)  
M.Phil (GCUF)  
Specialization: Graph Theory

### Mrs. MubasharaWali

Lecturer (On study leave for Ph.D)  
M.Phil (GCUF)  
Specialization: Differential Equations

## Scheme of Studies BS Mathematics

Semester 1		
MTH-301	Calculus-I	3(3-0)
MTH-303	Discrete Mathematics	3(3-0)
STA-322	Introduction to Statistical Theory-I	3(3-0)
PHY-325	Fundamentals of Electricity and Magnetism	3(2-1)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics(For non-Muslims only)	2(2-0)
Semester 2		
MTH-302	Calculus-II	3(3-0)
MTH-304	Linear Algebra and Its Applications	3(3-0)
STA-323	Introduction to Statistical Theory-II	3(3-0)
PHY-425	Introduction to Heat and Thermodynamics	3(2-1)
ENG-322	English Comprehension and Composition	3(3-0)



PST-321	Pakistan Studies	2(2-0)
<b>Semester 3</b>		
MTH-401	Calculus-III	3(3-0)
MTH-403	Mechanics –I	3(3-0)
MTH-405	Differential Equations-I	3(3-0)
MTH-407	Number Theory	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ENG-421	Communication Skills	3(3-0)
<b>Semester 4</b>		
MTH-402	Affine and Euclidean Geometry	3(3-0)
MTH-404	Mechanics –II	3(3-0)
MTH-406	Differential Equations-II	3(3-0)
MTH-408	Combinatorics	3(3-0)
MTH-410	C++	3(2-1)
PSY-422	Introduction to Psychology	3(3-0)
<b>Semester 5</b>		
MTH-501	Real Analysis-I	3(3-0)
MTH-503	Complex Analysis-I	3(3-0)
MTH-505	Algebra-I	3(3-0)
MTH-507	Vector and Tensor Analysis	3(3-0)
MTH-509	Point Set Topology	3(3-0)
MTH-511	Differential Geometry	3(3-0)
<b>Semester 6</b>		
MTH-502	Real Analysis-II	3(3-0)
MTH-504	Complex Analysis-II	3(3-0)
MTH-506	Algebra-II	3(3-0)
MTH-508	Mechanics	3(3-0)
MTH-510	Functional Analysis	3(3-0)
MTH-512	Mathematical Methods	3(3-0)
<b>Semester 7</b>		
MTH-601	Numerical Analysis-I	3(3-0)
MTH-603	Partial Differential Equations	3(3-0)
MTH-605	Advanced Set Theory	3(3-0)
<b>Optional Papers (3 out of following group)</b>		
<b>Applied Group</b>		
MTH-607	Algebraic Number Theory	3(3-0)
MTH-609	Fluid Mechanics-I	3(3-0)

MTH-611	Operations Research	3(3-0)
MTH-613	Special Theory of Relativity	3(3-0)
MTH-615	Mathematical Concepts of Quantum Mechanics-I	3(3-0)
MTH-617	Integral Equations	3(3-0)
<b>Pure Group</b>		
MTH-607	Algebraic Number Theory	3(3-0)
MTH-621	Advanced Group Theory-I	3(3-0)
MTH-623	Cryptography	3(3-0)
MTH-625	Advanced Functional Analysis	3(3-0)
MTH-627	Advanced Topology	3(3-0)
MTH-633	Continuous Groups	3(3-0)
<b>Semester 8</b>		
MTH-602	Numerical Analysis-II	3(3-0)
MTH-604	Computing Tools for Mathematics	3(2-1)
MTH-606	Mathematical Statistics	3(3-0)
<b>Optional Papers (3 out of following group)</b>		
<b>Applied Group</b>		
MTH-608	Theory of Optimization	3(3-0)
MTH-610	Fluid Mechanics-II	3(3-0)
MTH-612	Modelling and Simulation	3(3-0)
MTH-614	Special Functions	3(3-0)
MTH-616	Theory of Elasticity	3(3-0)
MTH-618	Mathematical Concepts of Quantum Mechanics-II	3(3-0)
<b>Pure Group</b>		
MTH-622	Advanced Group Theory-II	3(3-0)
MTH-624	Measure Theory	3(3-0)
MTH-626	Advanced Complex Analysis	3(3-0)
MTH-614	Special Functions	3(3-0)
MTH-634	Rings and Fields	3(3-0)
MTH-636	Operator Theory	3(3-0)
Note: Elective may be offered from the list attached depending on the availability of resources of the department.		

## MSc Mathematics

<b>Semester 1</b>		
MTH-501	Real Analysis-I	3(3-0)
MTH-503	Complex Analysis-I	3(3-0)
MTH-505	Algebra-I	3(3-0)
MTH-507	Vector and Tensor Analysis	3(3-0)
MTH-509	Point Set Topology	3(3-0)
MTH-511	Differential Geometry	3(3-0)
<b>Semester 2</b>		
MTH-502	Real Analysis-II	3(3-0)
MTH-504	Complex Analysis-II	3(3-0)
MTH-506	Algebra-II	3(3-0)
MTH-508	Mechanics	3(3-0)
MTH-510	Functional Analysis	3(3-0)
MTH-512	Mathematical Methods	3(3-0)
<b>Semester 3</b>		
MTH-601	Numerical Analysis-I	3(3-0)
MTH-603	Partial Differential Equations	3(3-0)
MTH-605	Advanced Set Theory	3(3-0)
<b>Optional Papers (3 out of following group)</b>		
<b>Applied Group</b>		
MTH-607	Algebraic Number Theory	3(3-0)
MTH-609	Fluid Mechanics-I	3(3-0)
MTH-611	Operations Research	3(3-0)
MTH-613	Special Theory of Relativity	3(3-0)
MTH-615	Mathematical Concepts of Quantum Mechanics-I	3(3-0)
MTH-617	Integral Equations	3(3-0)
<b>Pure Group</b>		
MTH-607	Algebraic Number Theory	3(3-0)
MTH-621	Advanced Group Theory-I	3(3-0)
MTH-623	Cryptography	3(3-0)
MTH-625	Advanced Functional Analysis	3(3-0)
MTH-627	Advanced Topology	3(3-0)
MTH-633	Continuous Groups	3(3-0)
<b>Semester 4</b>		
MTH-602	Numerical Analysis-II	3(3-0)
MTH-604	Computing Tools for Mathematics	3(2-1)

MTH-606	Mathematical Statistics	3(3-0)
<b>Optional Papers (3 out of following Group)</b>		
<b>Applied Mathematics</b>		
MTH-608	Theory of Optimization	3(3-0)
MTH-610	Fluid Mechanics-II	3(3-0)
MTH-612	Modeling and Simulation	3(3-0)
MTH-614	Special Functions	3(3-0)
MTH-616	Theory of Elasticity	3(3-0)
MTH-618	Mathematical Concepts of Quantum Mechanics-II	3(3-0)
<b>Pure Mathematics</b>		
MTH-622	Advanced Group Theory-II	3(3-0)
MTH-624	Measure Theory	3(3-0)
MTH-626	Advanced Complex Analysis	3(3-0)
MTH-614	Special Functions	3(3-0)
MTH-634	Rings and Fields	3(3-0)
MTH-636	Operator Theory	3(3-0)
Note: Elective may be offered from the list attached depending on the availability of resources of the Department.		

## MPhil/PhD Mathematics

*MTH-701	Algebra	3(3-0)
*MTH-702	Functional Analysis	3(3-0)
*MTH-703	Numerical Analysis	3(3-0)
MTH-704	Theoretical Physics (Plasma Physics)	3(3-0)
MTH-705	Heat Transfer-I	3(3-0)
MTH-706	Heat Transfer-II	3(3-0)
MTH-707	Non-Newtonian Fluid Mechanics	3(3-0)
MTH-708	Lie Algebra	3(3-0)
MTH-709	Representation Theory of Symmetric Groups	3(3-0)
MTH-710	Numerical Solutions of Ordinary Differential Equations	3(3-0)
MTH-711	Algebraic Topology	3(3-0)
MTH-712	Graph Theory and its Applications	3(3-0)
MTH-713	Numerical Solutions of Partial Differential Equations	3(3-0)
MTH-714	Approximation Theory	3(3-0)
MTH-715	Sobolev Spaces	3(3-0)

MTH-716	Theory of Semi Groups	3(3-0)
MTH-717	Advanced Fluid Dynamics	3(3-0)
MTH-718	Viscous Fluid Flow	3(3-0)
MTH-719	Commutative Algebra	3(3-0)
MTH-720	Acoustics	3(3-0)
MTH-721	Geometric Function Theory	3(3-0)
MTH-722	Integral Transforms	3(3-0)
MTH-723	Convex Analysis	3(3-0)
MTH-724	Differential Subordinations and its Applications	3(3-0)
MTH-725	Inequalities Involving Convex Functions	3(3-0)
MTH-726	Perturbation Methods-I	3(3-0)
MTH-727	Perturbation Methods-II	3(3-0)
MTH-731	Advanced Partial Differential Equations	3(3-0)
MTH-732	Theory of Interpolation Spaces	3(3-0)
MTH-733	Magneto- Hydrodynamics	3(3-0)
MTH-734	Monomial Algebra	3(3-0)
MTH-735	Variational Inequalities and its Applications	3(3-0)
MTH-736	Integral Equations	3(3-0)
MTH-737	Theory of Majorization	3(3-0)
MTH-738	Distribution Theory and Transform Analysis	3(3-0)
MTH-739	Group Theoretic Methods	3(3-0)
MTH-740	Homological Algebra	3(3-0)
MTH-741	Fixed Point Theory	3(3-0)
MTH-742	Multiplicative Ideal Theory	3(3-0)
MTH-743	Fuzzy Logic and Its Applications	3(3-0)
MTH-744	Algebraic Graph Theory	3(3-0)
MTH-745	Topics in Mathematical Inequalities	3(3-0)
MTH-746	Algebraic Geometry	3(3-0)
MTH-747	Optimization	3(3-0)
MTH-748	Advanced Combinatorics	3(3-0)
MTH-749	Theory of Group Actions	3(3-0)
MTH-750	Theory of Group Graphs	3(3-0)
MTH-751	Algebraic Cryptography	3(3-0)
MTH-752	Topics in Advanced Analysis	3(3-0)
MTH-753	Mathematical Modelling	3(3-0)
<b>Mandatory Requirements for MPhil</b>		
MTH-728	General Seminar	1(1-0)

MTH-729	Research Seminar	1(1-0)
MTH-730	Thesis (3rd & 4th Semesters)	6(0-6)
<b>Mandatory Requirements for PhD</b>		
MTH-758	General Seminar	1(1-0)
MTH-759	Research Seminar	1(1-0)
MTH-760	Thesis	6(0-6)

\*Core courses for M Phil program; the students will have to take three core courses as and when offered by the department.

\*PhD students who have not studied the course "Statistics for Research" in MPhil will have to take this course as audit course as mandatory requirement.

N.B: Overall 24 teaching credit hours for M Phil program are mandatory and overall 18 teaching credit hours for PhD program are mandatory. However, the research supervisor of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.





## Department of Physics

Phone: 041-9201372  
Email: physics@gcuf.edu.pk



### Vision

To build up its national reputation in Physics education and research and to become national leader in producing highly professional and motivated physicists.

### Mission

To provide rigorous training in the scientific process and a firm scientific understanding of nature to foster critical thinking and to provide scientifically literate and liberally educated physicists. The primary functional aspects of our mission can be classified as:

- Preparing undergraduate and graduates for advanced studies and employment in education, research institutes and industry.
- Developing highly qualified physicists who can serve as major contributors to the scientific and technological literacy in theoretical and applied physics.
- Providing physics knowledge, experimental experience and training in analytical reasoning and critical thinking required as the basis for the students seeking advanced studies in physics.
- Polishing the expertise and competence in physics of our researchers/academic staff and to enable them to carry out advanced research in active areas of Physics as demanded by the 21st century.

### Introduction

The Department of Physics is imparting quality education and research guidance to its students with the aim of serving the community at large. All the faculty members of the Department are striving arduously for achieving excellence in their profession and are utilizing all their potential to the maximum for uplifting the academic standards of the University. Currently, the department is offering undergraduate and postgraduate programs. In order to broaden and deepen the vision of its

students according to the needs of the 21st century, the Department of Physics is particularly focusing on activity-based learning. By establishing academic and research linkages with local as well as international institutions, the Department of Physics provides a conducive environment for the academic and professional development of its students. The recently organized national as well as international conferences, seminars and workshops speak volumes of the efforts the department has taken to ensure that its students are provided with an in-depth understanding of the field. Owing to the availability of a wide variety of specialized PhD staff, the Department offers research opportunities to students in condensed matter physics, plasma physics, health and medical physics, semiconductor materials, Laser spectroscopy, Nano technology and theoretical physics.

### Faculty

#### Prof. Dr. Nasir Amin

Professor

PhD, Post Doctorate (USA)

Specialization: Laser Spectroscopy & Laser Matter Interaction

#### Dr. Muhammad Sharif

Associate Professor / Chairperson

PhD

Specialization: Experimental Plasma Physics

#### Dr. Ijaz Ahmad Khan

Associate Professor

PhD

Specialization: Experimental Plasma Physics

### Programs Offered

1. BS Physics
2. MSc Physics
3. MPhil Physics
4. MPhil Physics (Nanotechnology)
5. PhD Physics

Chairperson: Dr. Muhammad Sharif



**Dr. Syed Muhammad Alay-e-Abbas**

Associate Professor  
PhD  
Specialization: Computational Condensed Matter Physics

**Dr. Abdur Rasheed**

Assistant Professor  
PhD  
Specialization: Theoretical Plasma Physics

**Dr. Muhammad Imran Arshad**

Assistant Professor  
PhD  
Specialization: Semiconductor Physics

**Dr. Adnan Ali**

Assistant Professor  
PhD  
Specialization: Semiconductor Devices

**Dr. Aamir Shahzad**

Assistant Professor  
PhD  
Specialization: Computational Plasma and Materials

**Dr. Fakhar e Alam**

Assistant Professor  
PhD  
Specialization: Bio Photonics

**Dr. Tariq Munir**

Assistant Professor  
PhD  
Specialization: Solid State Physics

**Dr. Khalid Mahmood**

Assistant Professor  
PhD  
Specialization: Semiconductor and Thermoelectric Materials

**Dr. Muhammad Kashif**

Assistant Professor  
PhD  
Specialization: Material Sciences

**Dr. Muhammad Ajaz-un-Nabi**

Assistant Professor  
PhD  
Specialization: Semiconductor Materials

**Dr. Nadeem Sabir**

Assistant Professor  
PhD  
Specialization: Nanomaterials

**Dr. Muhammad Imran**

Assistant Professor  
PhD  
Specialization: Computational Materials Science

**Dr. Sofia Akbar**

Assistant Professor  
PhD  
Specialization: Semiconductor Physics and Photovoltaics

**Dr. Qureshi Amjad Sohail Shah**

Assistant Professor  
PhD  
Specialization: Quantum Optomechanics

**Dr. Alina Manzoor**

Assistant Professor  
Ph.D  
Specialization: Materials Science

**Dr. Kashif Javaid**

Assistant Professor  
PhD  
Specialization: Semiconductor devices

**Dr. Salma Ikram**

Assistant Professor  
PhD  
Specialization: Magnetic Nano Materials

**Ms. Zartashia Latif**

Assistant Professor (On Study Leave)  
MPhil  
Specialization: XRD

**Ms. Sumera Perveen**

Lecturer  
MPhil  
Specialization: Nuclear Medicine

**Dr. Taqmeem Hussain**

Lecturer  
PhD  
Specialization: Applied Radiation

**Ms. Effat Yasin**

Lecturer  
MPhil  
Specialization: Laser Induced Breakdown Spectroscopy

**Mr. Sajid Ali**

Lecturer (On Study Leave)  
MPhil  
Specialization: Solid State Condensed Matter Physics

**Ms. Kiran Mahmood**

Lecturer (On Study Leave)  
MPhil  
Specialization: Nanoparticles (Ferrites)

**Mr. Amjad Farid**

Lecturer (On Study Leave)  
MPhil  
Specialization: Thin Film Semiconductors

**Ms. Qurat-ul-Ain Asim**

Lecturer (On Study Leave)  
MPhil  
Specialization: Material Sciences

**Mr. Muhammad Khawar Abbas**

Lecturer (On Study Leave)  
MPhil  
Specialization: Laser induced breakdown spectroscopy

**Dr. Areeb Fatima**

Lecturer  
PhD  
Specialization: Theoretical Plasma Physics

**Mr. Zeeshan Yaqoob**

Lecturer  
MPhil  
Specialization: Computational Electromagnetism





## Scheme of Studies

## BS Physics

Semester 1		
PHY-301	Mechanics-I	3(3-0)
PHY-303	Waves and Oscillations	3(3-0)
MTH-323	Calculus and Analytical Geometry	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslims only)	2(2-0)
ENG-321	Functional English	3(3-0)
MTH-111	Basic Mathematics – I (Deficiency Course for F.Sc Pre-Medical)	3(3-0)
Semester 2		
PHY-302	Mechanics-II	3(3-0)
PHY-304	Heat and Thermodynamics	3(3-0)
PHY-306	Introduction to Programming for Physicists	3(3-0)
MTH-324	Multivariable and Integral Calculus	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENG-322	English Comprehension and Composition	3(3-0)
MTH-112	Basic Mathematics – II (Deficiency Course for F.Sc Pre-Medical)	3(3-0)
Semester 3		
PHY-401	Electricity and Magnetism-I	3(3-0)
PHY-403	Modern Physics-I	3(3-0)
MTH-405	Differential Equations-I	3(3-0)
MTH-429	Introduction to Metric and Topological Spaces	3(3-0)
ENG-421	Communication Skills	3(3-0)
PHY-407	Mechanics, Heat & Vibrations Lab Course	3(0-3)
Semester 4		
PHY-402	Electricity and Magnetism-II	3(3-0)
PHY-404	Modern Physics-II	3(3-0)
MTH-406	Differential Equations-II	3(3-0)
PHY-408	Optics and Modern Physics Lab Course	3(0-3)
MTH-424	Linear Algebra	3(3-0)
CHM-321	Introductory Chemistry	4(3-1)
Semester 5		
PHY-501	Methods of Mathematical Physics-I	3(3-0)
PHY-503	Classical Mechanics	3(3-0)

PHY-505	Electrodynamics-I	3(3-0)
PHY-507	Electronics-I	3(3-0)
PHY-509	Relativity and Cosmology	3(3-0)
PHY-511	Electromagnetism Lab Course	3(0-3)
Semester 6		
PHY-502	Methods of Mathematical Physics-II	3(3-0)
PHY-504	Quantum Mechanics-I	3(3-0)
PHY-506	Nuclear Physics-I	3(3-0)
PHY-508	Electrodynamics-II	3(3-0)
PHY-510	Electronics-II	3(3-0)
PHY-512	Atomic and Nuclear Physics Lab Course	3(0-3)
Semester 7		
PHY-601	Quantum Mechanics-II	3(3-0)
PHY-603	Nuclear Physics-II	3(3-0)
PHY-605	Statistical Mechanics	3(3-0)
PHY-607	Solid State Physics-I	3(3-0)
PHY-609	Particle Physics-I*	3(3-0)
PHY-611	Advanced Electronics*	3(3-0)
PHY-613	Environmental Physics-I*	3(3-0)
PHY-615	Health and Medical Physics-I*	3(3-0)
PHY-617	Climatology and Meteorology-I*	3(3-0)
PHY-619	Computational Materials Physics*	3(3-0)
PHY-621	Electronics Lab Course	3(0-3)
Semester 8		
PHY-602	Plasma Physics	3(3-0)
PHY-604	Computational Physics	3(3-0)
PHY-606	Solid State Physics-II	3(3-0)
PHY-608	Laser and Optics	3(3-0)
PHY-610	Particle Physics-II*	3(3-0)
PHY-612	Advanced Electronics Lab Course*	3(0-3)
PHY-614	Environmental Physics Lab Course*	3(0-3)
PHY-616	Health and Medical Physics -II*	3(3-0)
PHY-618	Climatology and Meteorology-II*	3(3-0)
PHY-620	Computational Materials Physics Lab Course*	3(0-3)
PHY-629	Seminar (Research)	1(0-1)
PHY-630	Thesis**	6(0-6)
PHY-631	Project***	3(0-3)

Note:

\* One optional subject to be chosen in 7th and 8th semester.

\*\* Thesis will be allotted in the 7th semester. However, the credit hours for thesis will only count towards the 8th semesters.

\*\*\* Projects may be opted in lieu of option-II of the subject already taken by the student in 7th semester.

+ Internship may be offered to students during summer vacations as optional activity.

## MSc Physics

Semester 1		
PHY-501	Methods of Mathematical Physics-I	3 (3-0)
PHY-503	Classical Mechanics	3 (3-0)
PHY-505	Electrodynamics-I	3 (3-0)
PHY-507	Electronics-I	3 (3-0)
PHY-509	Relativity and Cosmology	3 (3-0)
PHY-511	Electromagnetism Lab Course	3 (0-3)
Semester 2		
PHY-502	Methods of Mathematical Physics-II	3 (3-0)
PHY-504	Quantum Mechanics-I	3 (3-0)
PHY-506	Nuclear Physics-I	3 (3-0)
PHY-508	Electrodynamics-II	3 (3-0)
PHY-510	Electronics-II	3 (3-0)
PHY-512	Atomic and Nuclear Physics Lab Course	3 (0-3)
Semester 3		
PHY-601	Quantum Mechanics-II	3 (3-0)
PHY-603	Nuclear Physics-II	3 (3-0)
PHY-605	Statistical Mechanics	3 (3-0)
PHY-607	Solid State Physics-I	3 (3-0)
PHY-609	Particle Physics-I*	3 (3-0)
PHY-611	Advanced Electronics*	3 (3-0)
PHY-613	Environmental Physics-I*	3 (3-0)
PHY-615	Health and Medical Physics-I*	3 (3-0)
PHY-617	Climatology and Meteorology-I*	3 (3-0)
PHY-619	Computational Materials Physics*	3 (3-0)
PHY-621	Electronics Lab Course	3 (0-3)
Semester 4		
PHY-602	Plasma Physics	3 (3-0)
PHY-604	Computational Physics	3 (3-0)
PHY-606	Solid State Physics-II	3 (3-0)

PHY-608	Laser and Optics	3 (3-0)
PHY-610	Particle Physics-II*	3 (3-0)
PHY-612	Advanced Electronics Lab Course*	3 (0-3)
PHY-614	Environmental Physics Lab Course*	3 (0-3)
PHY-616	Health and Medical Physics -II*	3 (3-0)
PHY-618	Climatology and Meteorology-II*	3 (3-0)
PHY-620	Computational Materials Physics Lab Course*	3 (0-3)
PHY-629	Seminar (Research)	1(0-1)
PHY-630	Thesis**	6(0-6)
PHY-631	Project***	3(0-3)

Note:

\* One optional subject to be chosen in 3rd and 4th semester.

\*\* Thesis will be allotted in the 3rd semester. However, the credit hours for thesis will only count towards the 4th semesters.

\*\*\* Projects may be opted in lieu of option-II of the subject already taken by the student in 3rd semester.

+ Internship may be offered to students during summer vacations as optional activity.

## MPhil/PhD Physics

PHY-701	Mathematical Techniques in Physics	3(3-0)
PHY-702	Experimental Techniques in Physics	3(3-0)
PHY-703	Theory of Condensed Matter Physics	3(3-0)
PHY-704	Low Temperature (Cold) Plasmas	3(3-0)
PHY-705	Advanced Solid State Physics	3(3-0)
PHY-706	Standard Model of Particle Physics	3(3-0)
PHY-707	Quantum Field Theory	3(3-0)
PHY-708	Integrable Systems	3(3-0)
PHY-709	Semiconductors devices	3(3-0)
PHY-710	Advanced Quantum Mechanics	3(3-0)
PHY-711	Atmospheric and Environmental Physics	3(3-0)
PHY-712	Health and Medical Physics	3(3-0)
PHY-713	Electromagnetic Theory	3(3-0)
PHY-714	Atomic Spectroscopy	3(3-0)
PHY-715	Plasma Physics	3(3-0)
PHY-716	Thin Film Deposition Techniques	3(3-0)
PHY-717	Experimental Plasma Physics	3(3-0)
PHY-718	Materials Science	3(3-0)
PHY-719	Fundamentals of Nano-Science	3(3-0)
PHY-720	Magnetic Materials	3(3-0)

PHY-721	Laser Physics	3(3-0)
PHY-722	Principles of advanced experimental techniques	3(3-0)
PHY-723	Atomic and optical physics	3(3-0)
PHY-724	Applied laser spectroscopy	3(3-0)
PHY-725	Advanced kinetic plasma theory	3(3-0)
PHY-726	Electromagnetic wave propagation	3(3-0)
PHY-727	Advanced Magnetic materials	3(3-0)
PHY-731	Plasma processing and technology	3(3-0)
PHY-732	Radiotherapy	3(3-0)
PHY-733	Treatment Planning and Advance Radiotherapy Techniques	3(3-0)
PHY-734	Bio-Photonics	3(3-0)
PHY-735	Tissue Optics	3(3-0)
PHY-736	Modeling and simulation techniques	3(3-0)
PHY-737	Advanced Modeling and simulation techniques	3(3-0)
PHY-738	Advanced medical Physics	3(3-0)
PHY-739	Semiconductor for power electronics	3(3-0)
PHY-740	Advance concepts of semiconductor devices	3(3-0)
PHY-741	Physics of solar cells	3(3-0)
PHY-742	Advanced Material science	3(3-0)
PHY-743	Advanced Experimental Plasma Physics	3(3-0)
PHY-744	Synthesis of Inorganic nanomaterials	3(3-0)
PHY-745	Principles of Thermoelectricity	3(3-0)
PHY-746	Thermoelectric Materials	3(3-0)
PHY-747	Optoelectronics	3(3-0)

### Mandatory requirements for MPhil

STA-795	Statistics for Research	3(2-1)
PHY-728	Seminar	1(0-1)
PHY-730	Thesis	6(0-6)

### Mandatory requirements for PhD

*STA-795	Statistics for Research	3(2-1)
PHY-758	Seminar-I (General)	1(0-1)
PHY-759	Seminar-II (Research)	1(0-1)
PHY-760	Thesis	

\*Ph.D students who have not studied the course "Statistics for Research" in M.Phil will have to take this course as audit course as mandatory requirement.

Note: Overall 24 teaching credit hours for M.Phil and 18 teaching credit hours for Ph.D program are mandatory. However, the research supervisors of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.

The three courses PHY-701, PHY-702 and STA-799 are compulsory for M.Phil degree program

## MPhil Physics (Nanotechnology)

PHY-701	Mathematical Techniques in Physics*	3(3-0)
PHY-702	Experimental Techniques in Physics*	3(3-0)
PHN-701	Introduction to Nanotechnology	3(3-0)
PHN-702	Simulation of Semiconductor Devices	3(3-0)
PHN-703	Fundamentals of Micro and Nano Fabrication	3(3-0)
PHN-704	Theoretical Design of Functional Nanomaterials	3(3-0)
PHN-705	Nanoscale Magnetic Materials and Applications	3(3-0)
PHN-706	Introduction to MEMS and NEMS	3(3-0)
PHN-707	Synthesis of Semiconductor Nanostructures	3(3-0)
PHN-708	Vacuum Science and Technology	3(3-0)
PHN-709	Nano Biophotonics	3(3-0)
PHN-710	Nitride Semiconductor Nano Devices	3(3-0)
PHN-711	Nanomaterials for Energy Applications	3(3-0)
PHN-712	Introduction to Spintronics	3(3-0)
STA-795	Statistics for Research	3(2-1)
PHN-728	Seminar	1(0-1)
PHN-729	Thesis	



## Department of Software Engineering

Email: [se@gcuf.edu.pk](mailto:se@gcuf.edu.pk)



### Vision

The advancement in the field of software engineering by producing research contributions of international standards. The solution to the real-world problems concerning software and automation. The recognition of the department at multiple levels due to its research and software development activities.

To educate the students to become research-oriented software engineers that are confident and meet the international standards.

### Mission

To produce worthy graduates in the various disciplines of software engineering and to train them to apply the knowledge and skills of software engineering in the design, development, documentation and maintenance of software.

### Introduction

The department of software engineering provides excellent computing facilities and ensures the enhancement of practical knowledge of students. The department provides a comprehensive range of facilities necessary for computer use and library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with computer labs having Pentium machines. These laboratories are accessible to all the students and teachers and also linked through the state of the art network environment for retrieving information. The department now exists and excels in the faculty of Physical Sciences.

### Faculty

#### Dr. Muhammad Awais

Assistant Professor / Incharge  
PhD Information Science, Germany  
HEC Approved PhD Supervisor

#### Dr. Khurram Zeeshan Haider

Assistant Professor  
PhD, UET, Taxila  
HEC Approved PhD Supervisor

#### Dr. Usama Ahmed

Lecturer  
PhD, COMSATS, Lahore  
HEC Approved PhD Supervisor

#### Mr. M. Yahya Saeed

Lecturer  
PhD Scholar

#### Mr. Nauman-ul-Haq

Lecturer  
PhD Scholar

#### Engr. Adeel Riffat Mirza

Lecturer (On Study Leave)  
PhD Scholar

#### Mr. Zubair Nabi

Lab. Engineer  
PhD Scholar

### Programs Offered

1. BS Software Engineering
2. MS Software Engineering

Incharge: Dr. Muhammad Awais

## Scheme of Studies BS Software Engineering

Semester 1		
ISL-321	Islamic Studies	2(2-0)
CSI-301	Programming Fundamentals	4(3-1)
CSI-321	Introduction to Computing Applications	3(2-1)
ENG-322	English Comprehension & Composition	3(3-0)
ISL-322	Ethics (for Non-Muslim only)	2(2-0)
MTH-323	Calculus and Analytical Geometry	3(3-0)
Semester 2		
CSI-302	Object Oriented Programming	4(3-1)
CSI-405	Discrete Structures	3(3-0)
ENG-421	Communication Skills	3(3-0)
MTH-424	Linear Algebra	3(3-0)
PHY-323	Basic Electronics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
CSI-401	Data Structure and Algorithms	4(3-1)
SOC-307	Introduction to Sociology	3(3-0)
SWE-401	Introduction to Software Engineering	3(3-0)
ENG-422	Technical Writing	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
Semester 4		
CSI-503	Operating Systems	4(3-1)
CSI-406	Database Systems	4(3-1)
CSI-402	Design and Analysis of Algorithms	3(3-0)
CSI-504	Computer Networks	4(3-1)
SWE-501	Software Requirements Engineering	3(2-1)
Semester 5		
CSI-506	Web Design and Development	3(2-1)
SWE-402	Software Design and Architecture	3(2-1)
SWE-503	Software Engineering Economics	3(3-0)
MGT-404	Human Resource Management	3(3-0)
SWE-507	Human Computer Interaction	3(3-0)
	* Elective-I	

Semester 6		
CSI-407	Professional Practices	3(3-0)
SWE-632	Simulation and Modelling	3(2-1)
SWE-510	Information Security	3(3-0)
SWE-511	Software Construction & Development	3(2-1)
BBA-601	Organizational Behaviour	3(3-0)
	*Elective-II	
Semester 7		
SWE-601	Software Project Management	3(3-0)
SWE-629	Software Re-Engineering	3(2-1)
SWE-630	Formal Methods in Software Engineering	3(2-1)
SWE-505	Software Quality Engineering	3(2-1)
SWE-631	Business Process Engineering	3(3-0)
	*Elective-III	
Semester 8		
	*Elective-IV	
	*Elective-V	
SWE-631	Final Project	6(0-6)
List of Elective Courses:		
SWE-506	Visual Programming	3(2-1)
SWE-508	Software Process Improvement	3(3-0)
SWE-509	Software Testing	3(2-1)
SWE-602	Information Systems and Data Processing	3(2-1)
SWE-606	Android Development	3(2-1)
SWE-607	Mobile Communication	3(3-0)
SWE-608	Digital Image Processing	3(2-1)
SWE-609	Data and Text Mining	3(2-1)
SWE-610	Advanced Object-Oriented Programming	3(2-1)
SWE-611	Software Configuration Management	3(2-1)
SWE-612	Computer Aided Software Design and Architecture	3(2-1)
SWE-613	Big Data Analytics	3(3-0)
SWE-614	Cloud Computing	3(2-1)
SWE-616	Data Encryption and Security	3(2-1)
SWE-617	E-Commerce	3(2-1)
SWE-618	Game Application Development	3(2-1)
SWE-620	Management Information Systems	3(3-0)
SWE-621	Mobile Application Development	3(2-1)

SWE-622	Multimedia Communication	3(2-1)
SWE-623	Natural Language Processing	4(3-1)
SWE-624	Real Time Systems	3(3-0)
SWE-625	Semantic Web	3(2-1)
SWE-626	Software Metrics	3(2-1)
SWE-627	Systems Programming	3(2-1)
SWE-628	Topics in Software Engineering	3(3-0)
CSI-502	Artificial Intelligence	3(2-1)
CSI-603	Computer Graphics	3(2-1)
CIT-508	Information System Audit	3(3-0)
* List of elective courses contains courses for elective offering.		

## MS Software Engineering

Core Courses		
SWE-733	Advanced Requirements Engineering	3(3-0)
SWE-734	Advanced Software System Architecture	3(3-0)
SWE-735	Software Testing and Quality Assurance	3(3-0)
Elective Courses		
SWE-704	Software Reuse	3(3-0)
SWE-705	Machine Learning Applications in Software Engineering	3(3-0)
SWE-706	Advanced Software System Quality	3(3-0)
SWE-707	Semantic Web Enabled Software Engineering	3(3-0)
SWE-708	Business Process Re-Engineering	3(3-0)
SWE-709	Research Techniques and Methods for Software Engineering	3(3-0)
SWE-710	Formal Methods in Software Engineering	3(3-0)
SWE-711	Software Engineering Ontologies	3(3-0)
SWE-712	Semantic Based Software Development	3(3-0)
SWE-713	Model Driven Software Development	3(3-0)
SWE-714	Software Process Engineering	3(3-0)
SWE-715	Software Case Tools and Applications	3(3-0)
SWE-716	Advanced Web Engineering	3(3-0)
SWE-717	Software Engineering Management	3(3-0)
SWE-718	Software Risk Management	3(3-0)
SWE-719	Software Measurements and Metrics	3(3-0)
SWE-720	Global Software Engineering	3(3-0)



SWE-721	Software Configuration Management	3(3-0)
SWE-722	Knowledge Based Software Engineering	3(3-0)
SWE-723	Software Dependability	3(3-0)
SWE-724	Software Costing and Estimation	3(3-0)
SWE-725	Data and Text Mining-1	3(3-0)
SWE-726	Data and Text Mining-2	3(3-0)
SWE-727	Artificial Intelligence and Software Agents	3(3-0)
SWE-728	Image and Video Processing	3(3-0)
SWE-729	Advanced Machine Learning	3(3-0)
SWE-732	Digital Image Processing	3(3-0)
SWE-736	Component Based Software Engineering	3(3-0)
SWE-737	Advanced Formal Methods	3(3-0)
SWE-738	Advanced Human Computer Interaction	3(3-0)
SWE-739	Agile Software Development Method	3(3-0)
SWE-740	Empirical Software Engineering	3(3-0)
SWE-741	Advanced Software Project Management	3(3-0)
<b>Mandatory Requirements for MS</b>		
STA- 795	Statistics for Research	3(2-1)
SWE-731	Seminar (Research)	1(0-1)
SWE-730	Thesis	6(0-6)
*Note: Students are encouraged to take Seminar in the third semester and present their area of research and proposed research problem.		



## Department of Statistics

Phone: 041-9201461  
Email: stat@gcuf.edu.pk



### Vision

To disseminate quality education and produce quality research in different areas of Statistics and to produce highly skilled professional, scholars and researchers equipped with adequate knowledge of statistics to meet the contemporary and future challenges.

### Mission

The mission of the Department of Statistics is to contribute to the overall objectives of the Government College University, Faisalabad and the Affiliated Colleges, Science, and the Arts through excellence in research and education in the Statistical Sciences and through service to the university community, statistical profession, and society at large.

The proliferation of quantitative information in society demands that we help to develop the next generation of statistics professionals while increasing the statistical literacy of our students and the frequency of collaboration with our colleagues. To meet these objectives, the mission of the Statistics Department is to:

- Deliver a high-quality statistics program for our majors and minors that prepares them for either the workplace or further study in graduate programs;
- Offer service courses for the university that meet the needs of the various majors and enhance the statistical literacy of the students;
- Support continued growth of Statistics faculty members as teacher-scholars. To contribute to the theoretical and applied development of the field through scholarly research in core areas of statistical theory and probability

and publications in leading professional journals.

- To contribute to the development of new statistical methodology to address substantive problems and to promote the use of these methods through publications in both statistics and subject-matter journals.
- To contribute to the advancement of science and technology through interdisciplinary research, jointly with scientists at the Government College University, Faisalabad and at other research institutions and develop a research culture in society in general.

### Introduction

Statistical methods and the application of probability theory are essential to the understanding of data and underlying processes in a very wide variety of fields, including health sciences, economics and finance, social science, government, engineering, biological and physical sciences.

In Government College, Faisalabad the Department of Statistics was established in 1960. Initially intermediate and degree classes were started. In October, 2002 the college was upgraded to University and a 2 year Master degree program was launched in September, 2003. BS (Hons.) a 4 year degree program was launched in September, 2005; the Department took the initiative of launching the MPhil (Statistics) program in 2012. Currently 250 students are enrolled in different programs being offered by the Department of Statistics.

Statistical computations contribute as a major player to meet the demand of the students and requirements of extended research activities in the graduate and post graduate courses. Statistics is considerably more applied and vocational than many

### Programs Offered

1. BS Statistics
2. MSc Statistics
3. MPhil Statistics

Chairman: **Dr. Faisal Maqbool Zahid**



other courses. It aims to produce students who can immediately work as applied statisticians. Whereas all theoretical concepts are covered, the emphasis throughout is on applying and adapting it to real-life circumstances. The analysis of real data sets constitutes the core of the courses and pivotal role of the computer as a powerful tool in modern statistics is constantly emphasized throughout the programs being offered. Weekly assignments/practical work makes extensive use of standard statistical packages including Minitab, SPSS, EViews, R, Mathematica, Design Expert etc. The graduated students are employed in reputable Public and private sector organizations like Federal and Provincial Bureaus of Statistics, National Universities, State Bank of Pakistan, Pharmaceutical Industries, Government offices, Commercial Banks, and many other firms and organizations.

## Faculty

### Dr. Faisal Maqbool Zahid

PhD (Germany), Postdoc (Germany)

Chairman / Associate Professor

Specialization: Categorical Data Analysis, High-dimensional data, Biostatistics, Missing Data

### Dr. Tanvir Ahmad

PhD (IUB, Pak.), Postdoc (UK)

Associate Professor

Specialization: Design of Experiments

### Dr. Sajjad Haider Bhatti

PhD (France)

Assistant Professor

Specialization: Applied Statistics and Econometrics

### Dr. Muhammad Abid

PhD (China)

Assistant Professor

Specialization: Statistical Process Control, Survey Sampling, Non- parametric

### Dr. Hafiz Muhammad Tahir

PhD(QAU, Pak.)

Assistant Professor

Specialization: Bayesian Statistics and Mixture Distributions

### Dr. Shahla Faisal

PhD (Germany) (Gold Medalist)

Assistant Professor

Specialization: Biostatistics, Design and Analysis of Experiments, Missing Data

### Dr. Muhammad Ali Raza

PhD (China)

Assistant Professor

Specialization: Statistical Process Control

### Dr. Hafiz Muhammad Yaseen

Assistant Professor

Specialization: Semi-parametric Modeling

### Dr. Muhammad Irfan

PhD (China)

Assistant Professor (on leave)

Specialization: Sampling Theory

### Dr. Maria Javed

PhD (China)

Assistant Professor

Specialization: Sampling Theory, Probability Distributions

### Asifa Anwar

Lecturer

### Muhammad Aftab

Lecturer

Specialization: Applied Statistics

### Tahir Nawaz

Lecturer (on study leave)

Specialization: Distribution Theory, Statistical Quality Control

### Muhammad Abu Bakar

Lecturer

Specialization: Time series models

## Scheme of Studies

### BS Statistics

Semester 1		
STA-301	Introduction to Statistics	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for Non-Muslims only)	2(2-0)
Semester 2		
STA-302	Fundamentals of probability and Random Variables	3(3-0)
MTH-322	Introduction to Calculus	3(3-0)
ECO-321	Introductory Economics	4(4-0)
STA-304	Applied Statistics	4(3-1)
ENG-322	English Comprehension & Composition	3(3-0)
Semester 3		
STA-401	Introduction to Probability Distributions	3(3-0)
STA-403	Statistics and Society	3(3-0)
STA-405	Fundamentals of Parameter Estimation	3(3-0)
CSI-301	Programming Fundamentals	3(2-1)
MTH-435	Mathematical Methods & Vector Analysis	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 4		
STA-402	Applied Statistics	3(3-0)





STA-404	Basics of Statistical Hypothesis Testing	3(3-0)
STA-406	Statistical Software	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
MTH-436	Linear Programming	3(3-0)
ENG-421	Communication Skills	3(3-0)
<b>Semester 5</b>		
STA-501	Probability and Probability Distributions-I	3(3-0)
STA-503	Sampling Techniques-I	3(3-0)
STA-505	Statistical Methods	4(4-0)
STA-507	Operations Research	3(3-0)
STA-509	Introduction to Data Science	3(2-1)
<b>Semester 6</b>		
STA-502	Probability and Probability Distributions-II	3(3-0)
STA-504	Sampling Techniques-II	3(3-0)
STA-506	Design and Analysis of Experiments-I	4(4-0)
STA-508	Population Studies	2(2-0)
STA-510	Statistical Quality Control	3(3-0)
STA-512	Survey Research Methods	3(3-0)
<b>Semester 7</b>		
STA-601	Econometrics-I	4(4-0)
STA-603	Design and Analysis of Experiments-II	4(4-0)
STA-605	Multivariate Analysis-I	3(3-0)
STA-607	Statistical Inference-I	3(3-0)
STA-611	Statistical Computing-I	3(0-3)
STA-629	Seminar	1(0-1)
<b>Semester 8</b>		
STA-602	Econometrics-II	4(4-0)
STA-604	Statistical Computing-II	3(0-3)
STA-606	Multivariate Analysis-II	3(3-0)
STA-608	Statistical Inference-II	3(3-0)
STA-620	Research Report OR Any One of The Following Courses	4(4-0)
STA-612	Analysis of Time Series and Forecasting	
STA-614	Categorical Data Analysis	
STA-616	Survival Data Analysis	
STA-618	Non Parametric Methods	
STA-622	Bayesian Statistics	

## MSc Statistics

<b>Semester 1</b>		
STA-501	Probability and Probability Distributions-I	3(3-0)
STA-503	Sampling Techniques-I	3(3-0)
STA-505	Statistical Methods	4(4-0)
STA-507	Operational Research	3(3-0)
STA-509	Introduction to Data Science	3(2-1)
<b>Semester 2</b>		
STA-502	Probability and Probability Distributions-II	3(3-0)
STA-504	Sampling Techniques-II	3(3-0)
STA-506	Design and Analysis of Experiments-I	4(4-0)
STA-508	Population Studies	2(2-0)
STA-510	Statistical Quality Control	3(3-0)
STA-512	Survey Research Methods	3(3-0)
<b>Semester 3</b>		
STA-601	Econometrics-I	4(4-0)
STA-603	Design and Analysis of Experiments-II	4(4-0)
STA-605	Multivariate Analysis-I	3(3-0)
STA-607	Statistical Inference-I	3(3-0)
STA-611	Statistical Computing-I	3(0-3)
STA-629	Seminar	1(0-1)
<b>Semester 4</b>		
STA-602	Econometrics-II	4(4-0)
STA-604	Statistical Computing-II	3(0-3)
STA-606	Multivariate Analysis-II	3(3-0)
STA-608	Statistical Inference-II	3(3-0)
STA-620	Research Report OR Any One of The Following Courses	4(4-0)
STA-612	Analysis of Time Series and Forecasting	
STA-614	Categorical Data Analysis	
STA-616	Survival Data Analysis	
STA-618	Non Parametric Methods	
STA-622	Bayesian Statistics	

## MPhil Statistics

STA-701	Advanced Sampling Techniques	3(3-0)
STA-702	Multivariate Analysis	3(3-0)
STA-703	Probability Distributions	3(3-0)
STA-704	Advanced Design of Experiments	3(3-0)
STA-705	Linear Models and Regression Analysis	3(3-0)
STA-706	Research Methods	3(3-0)
STA-707	Optimization Techniques	3(3-0)
STA-708	Bayesian Inference	3(3-0)
STA-709	Advanced Econometric Analysis	3(3-0)
STA-710	Generalized Linear Models	3(3-0)
STA-711	Advanced Probability Theory	3(3-0)
STA-712	Statistical Inference	3(3-0)
STA-713	Categorical Data Analysis	3(3-0)
STA-714	Survival Data Analysis	3(3-0)
STA-715	Time Series and Forecasting	3(3-0)
STA-716	Biostatistics	3(3-0)
STA-717	Population Analysis and Official Statistics	3(3-0)
STA-718	Advanced Response Surface Methodology	3(3-0)
STA-719	Applied Stochastic Models	3(3-0)
STA-720	Bayesian Decision Theory	3(3-0)
STA-721	Mixture Distributions	3(3-0)
STA-722	Advanced Statistical Computing	3(3-0)
STA-723	Non-Parametric and Robust Methods	3(3-0)
STA-724	Advanced Statistical Process Control	3(3-0)
<b>Mandatory Requirements for MPhil</b>		
STA-728	Seminar (General)	1(0-1)
STA-729	Seminar (Research)	1(0-1)
STA-730	Thesis	6(0-6)
Note: 1. The M.Phil. Students will have to take 24 credit hours of course work during first two semesters, 12 credit hours in each semester. 2. The courses will be offered depending on the availability of faculty.		



## Director Incharge:

**Dr. Falak Sher**

## Programs Offered

1. BS Sociology
2. BS English Literature
3. BS Mathematics
4. BBA



February, 2020. The main objective of the campus is to provide high quality and accessible education to the students of District Chiniot who in order to get higher education used to go to other districts. Initially, BS programs in four subjects (Sociology, English, Mathematics, & BBA) are being offered in the campus. We are planning to offer more BS programs in the near future. Our Teaching Faculty is highly qualified, experienced and enthusiastic, who will provide the highest quality learning environment for the greater wellbeing of our students and deliver an outstanding educational portfolio. In a short span of time, campus has made considerable progress in terms of academic development, as a huge response from the students of Chiniot is seen during the enrolment campaign.

## Faculty

### Department of Sociology

**Dr. Falak Sher**  
Director Incharge  
PhD Sociology(GCUF)  
Specialization: Criminology

### Department of English Literature

**Ms. Pinkish Zahra**  
Lecturer  
M.Phil English Literature (GCWUF), PhD Scholar(GCUF)  
Specialization: Critical Theory, Postmodern Literature

**Ms. Yumna Javed**  
Lecturer  
M.Phil English Literature (GCUF)  
Specialization: Novel, Postcolonial Literature

### Department of Mathematics

**Dr. Mubbashar Nazir**  
Assistant Professor  
PhD Mathematics (InternationallslamicUniversityIslamabad)  
Specialization: Fluid Mechanics, Numerical Simulations

**Mr. Raheel Ahmad**  
Lecturer  
M. Phil (COMSATS University, Islamabad)  
Specialization: Functional Analysis

### Department of Business Administration

**Dr. Muhammad Naeem Shahid**  
Assistant Professor  
PhD Finance (Bahria University, Islamabad)  
Specialization: Finance

**Ms. Mahreen Bashir**  
Lecturer  
MS Banking and Finance (University of Agriculture, Faisalabad)  
Specialization: Banking and Finance

**Mr. Aamir Abbas**  
Lecturer  
MS Management (The University of Faisalabad)  
Specialization: Management Sciences

## Vision

Institute of Arts and Sciences Chiniot Campus aspires to generate and enhance knowledge through continuous progressive efforts for the benefit of all stakeholders, especially University students.

## Mission

- The mission of Institute of Arts and Sciences Chiniot Campus is to provide high quality and accessible education, creative endeavors, and meaningful scholarly experiences in pursuit of local and global contributions to knowledge;
- Offers a welcoming and rewarding academic and work environment for students, faculty, and staff; and
- Fosters innovative learning, community engagement, and critical and independent thought

## Introduction

The summary for the establishment of a sub-campus – Government College University Faisalabad-at District Chiniot was approved by the Government of Punjab in 2015 with the vision that universities should introduce different programs in different disciplines for the benefit of local masses. The Worthy Vice Chancellor of GCUF Prof. Dr. Shahid Kamal along with other administrative staff visited the site of the campus on



## Director Incharge:

### Dr. Khurram Ashfaq Programs Offered

1. BS Commerce
2. BS English Literature
3. BS Mathematics
4. BBA



to go to other districts. In a short span of time, campus has made considerable progress in terms of academic development as a huge response from the students of Hafizabad is seen during the enrolment campaign. Initially, BS programs in four subjects (English, Mathematics, Commerce & BBA) are being offered in the campus. We are planning to offer more BS programs in the near future. Our Teaching Faculty is based on highly qualified, experienced and enthusiastic minds who are doing their best to alleviate young minds by infusing innovative education.

## Faculty

### Mr. Faiz Rasool

Lecturer  
M. Phil Mathematics (UOG, Gujrat)  
Specialization: Applied Mathematics

### Mr. Abrar Ahmad Virk

Lecturer  
M. Phil Mathematics (PU, Lahore)  
Specialization: Pure Mathematics

### Mr. Taqi Haider

Lecturer  
M. Phil Mathematics (Comsats University, Islamabad)  
Specialization: Variational Inequalities

### Mr. Muhammad Owais Ifzal

Lecturer  
M. Phil English Literature (GCUF, Faisalabad)  
Specialization: Subaltern Studies, War on Terror Discourse

& Islam phobia, Islamization

### Mr. Arshad Nawaz

Lecturer  
M. Phil English Literature (GCUF, Faisalabad)  
Specialization: Postcolonial Literature

### Miss Arfa Noreen

Lecturer  
M. Phil English Literature (UOL, Lahore)  
Specialization: English Literature

### Miss Sana Mehmood

Lecturer  
PhD Management Scholar (UMT, Lahore)  
Specialization: Marketing

### Mr. Farooq Ahmad

Lecturer  
MS Business Administration (GCUF, Faisalabad)  
Specialization: Finance

### Mr. Qalib E Abbas

Lecturer  
M. Phil Commerce (PU, Lahore)  
Specialization: Finance

### Mr. Adil Riaz

Lecturer  
PhD Commerce Scholar (HCC PU, Lahore)  
Specialization: Finance

## Vision

Institute of Arts and Sciences Hafizabad aspires to take the region forward by providing affordable quality education to all students. We are committed to deliver unparalleled life enhancing experiences that will help and transform students personally, socially and intellectually.

## Mission

The Mission of Institute of Arts and Sciences Hafizabad is to effectively disseminate fundamental knowledge of social, moral and religious values. We will transmit advanced literary and scientific learning with innovative research and freedom of thought and expression.

## Introduction

Government College University Faisalabad Sub Campus Hafizabad is situated in the district Hafizabad which is famous for its Agricultural Products and Power Looms. The campus was established in 2019. The Worthy Vice Chancellor of GCUF Prof. Dr. Shahid Kamal along with other administrative staff inaugurated the campus on 9th December, 2019. The main aim of the campus is to provide affordable quality education to the students of Hafizabad who in order to get higher education used

**Director Incharge:****Rai Ghulam Abbas Bhatti****Programs Offered**

1. DPT (5 Years)
2. B.Com IT (2 Years)
3. BBA (Hons) (4 Years)
4. BS Sociology (4 Years)
5. BS Mathematics (4 Years)
6. BS Zoology (4 Years)
7. BS Physics (4 Years)
8. BS Chemistry (4 Years)
9. BS Botany (4 Years)
10. BS Food Science & Technology (4 Years)
11. BS Human Nutrition & Dietetics (4 Years)
12. BS Information Technology (4 Years)
13. BS Computer Science (4 Years)
14. B.Sc. Civil Engineering Technology (4 Years)
15. B.Sc. Mechanical Engineering Technology (4 Years)
16. B.Sc. Electrical Engineering Technology (4 Years)
17. M.Com (2 Years)
18. MCS (2 Years)
19. MSc Chemistry (2 Years)
20. MSc Physics (2 Years)
21. MSc Sociology (2 Years)
22. MSc Zoology (2 Years)
23. MSc Mathematics (2 Years)



24. MSc Botany (2 Years)

25. MBA (1.5 Years)

26. MBA (3.5 Years )

**AL-ABBAS BHATTI Trust**

AL-ABBAS Bhatti Trust was established purely for welfare intents. Al-Abbas trust, so far, rendered its endeavors in almost all walks of life. The Trust contributes financially for the marriages of girls in poor families, facilitated 4500 poor families for the immigration of their youth in abroad, provided network of free transport for students in the whole District. It provided scholarship grants and free higher education to the intelligent and position holders students. Free Ambulance and provision of free equipment in Government Hospitals is one of the chief marks of Al-Abbas Trust. The services of this trust went on and finally it sailed to the realization of LICCS.

Layyah Institute of Commerce and Computer sciences (LICCS) emerged on the jubilant day of independence i.e August 14, 1997. At the outset Diploma in Business Administration (DBA) and Bachelor in Commerce (B.Com) were launched in rented building. Soon this institute achieved excellent standards of education and attracted hundreds of students at a time. The educational quest went on and LICCS earned a distinct position in commerce, computer sciences, Law, Health and Physical education, Technology, Education, Science, and other related studies.

At present it is affiliated with Punjab Board of Technical Education Lahore, Board of Intermediate and Secondary Education Dera Ghazi Khan, Bahauddin Zakariya University Multan, University of Sargodha, Allama Iqbal Open University, and Virtual University in some or the other fields of discipline. Approximately 3500 students (Girls and Boys) are currently enrolled in diverse programs. The pass out of LICCS are to the tune of 15000.

LICCS with division in to different campuses, is now LICCS group of Colleges. At present, it has its own three spacious campuses in prime location of Layyah city. LICCS group of colleges boasts of having 114 highly motivated and dedicated qualified staff in teaching and non-teaching field. Its transportation system is a hallmark providing free transport to the students within the radius of 50 KM.

LICCS group of colleges enjoys a series of distinctions in different fields of studies every year. The students are rewarded with Medals on countless occasions by the Boards and Universities as well for holding positions in different classes. The faculty and the Managing Director were rewarded Gold Medals in recognition of their services.

LICCS group of college is divided in to diverse Departments

1. Commerce
2. Technology
3. Science
4. Law
5. Education
6. Information Technology

Each department has an HOD who keeps in contact with CEC (Central Executive Committee) of the college and who is also responsible for the supervision/ evaluation of the concerned department. Policy making of the institute is in the hand of CEC to be delivered at the outset of each calendar year.

The placement department maintains the record of the pass out and keeps liaison with different departments and industry. This department facilitates the students in their job seeking. Lectures of different heads of departments are arranged to create the demand of the pass outs.



## Director Incharge:

**Prof. Ch Muhammad Hanif**

## Vision

Aspire to develop leaders who can handle complex businesses, social and scientific environmental knowledge in our overcharging world. Empowering students to fulfill their academic and professional passions in the university. Creating an innovative connection between education, humanities, science, and technologies.



## Mission

The mission of Government College University Sahiwal Sub Campus is

- To educate the local and surrounding community for our society, through our commitment to the transformative power of a scientific approach.
- To produce graduates having attributes essential for a leader in the industry and academic institution such as independence of thought environmental social responsibilities and strong interdisciplinary foundation build-up.
- To have a positive social impact by translating knowledge into solutions for locally relevant problems.
- Offer a broad and balanced academic program and emphasize high-quality creative instruction at the undergraduate and graduate levels.
- Achieve leadership in each discipline, strengthening studies, and discover new fields of learning.

## Introduction

The Government College University Sahiwal Sub Campus is one of the best institutes in the Sahiwal Division who is offering higher educational facilities to the community of surrounding ruler areas. It pertains to develop plans in terms of education

as well as physical growth. University's educational philosophy is to reconstruct the human thoughts in all its facets on the foundation of social moral and religious values. GCUF is designed to improve existing knowledge and practice in the field of business, social, and allied life sciences both in pure and applied form through innovative and creative approaches to offer the best possible services to the society and humanity at large and contributing throughout since its inception. GCUF aspires to experience an antiparallel education journey that is intellectually, socially, and personal transformation to the country's citizens. Our highly qualified and visionary faculty is always striving their best to improve the quality of life through education, innovation thereby contributing to endeavors to make Pakistan and this world a better place to live. The campus is offering different BS and MSc programs in the discipline of Mathematics, Physics, Chemistry, Computer Science, Food Sciences and Technologies (Civil, Mechanical, and Electrical). A huge response of students during admission speaks about the deep involvement of academic staff towards their commitment.

## Programs Offered

- B.Sc Electrical Engineering Technology
- B.Sc Civil Engineering Technology
- B.Sc Mechanical Engineering Technology
- BS Food Science and Technology
- BS Human Nutrition & Dietetics (HND)
- BS Computer Science
- BS Mathematics
- BS Chemistry
- BS Physics
- BBA
- M.Sc Computer Science
- M.Sc Mathematics
- M.Sc Physics
- M.Sc Chemistry



# University Community College



## Programs Offered

The following Intermediate, Associate Degree and Diploma Programs are offered from the Academic Year 2018.

### Intermediate Programs

#### 1- F.Sc (Pre-Medical)

**Part-I:** English, Urdu, Islamic Education, Physics, Chemistry, Biology

**Part-II:** English, Urdu, Pak. Studies, Physics, Chemistry, Biology

#### 2- F.Sc (Pre-Engineering)

**Part-I:** English, Urdu, Islamic Education, Physics, Chemistry, Mathematics

**Part-II:** English, Urdu, Pak. Studies, Physics, Chemistry, Mathematics

#### 3- ICS

**Part-I:** English, Urdu, Islamic Education, Physics, Mathematics, Computer Science

**Part-II:** English, Urdu, Pak. Studies, Physics, Mathematics, Computer Science

#### 4- I.Com

**Part-I:** English, Urdu, Islamic Education, Business Mathematics, Principles of Accounting, Principles of Economics, Principles of Commerce

**Part-II:** English, Urdu, Pak. Studies, Business Statistics, Principles of Accounting, Principles of Banking, Commercial Geography

### Associate Degree Programs (Morning and Replica)

1. Computer Science
2. Information Technology
3. Accounting & Finance
4. Public Administration
5. Business Administration
6. Applied Psychology
7. Commerce
8. Food Science and Technology

Note: All the qualified students of Associate Degree Programs will be given an opportunity to convert their Associate Degree Program in to relevant BS Degree Programs by joining 5th semester. But they have to forgo their Associate Degree.

### Diploma Program

1. Post Majstral Diploma in Clinical Psychology (ADCP)

## Prospectus Committee



**Prof. Dr. Nasir Amin**

**Convener**



**Prof. Dr. Zahira Batool**

**Member**



**Prof. Dr. Salma Sultana**

**Member**



**Dr. Abdul Rauf Bhatti**

**Member**



**Dr. Babak Mahmood**

**Member**



**Dr. Khalid Latif**

**Member**



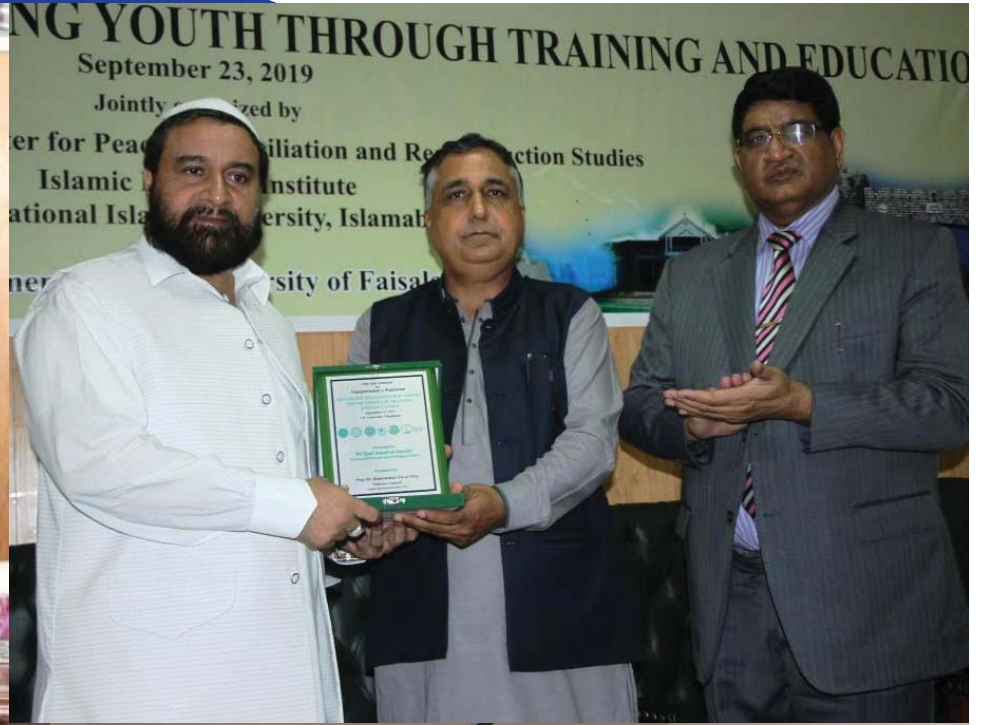
**Mr. Muhammad Asif Lateef**

**Secretary**



**Mr. Hassan Mahmood**

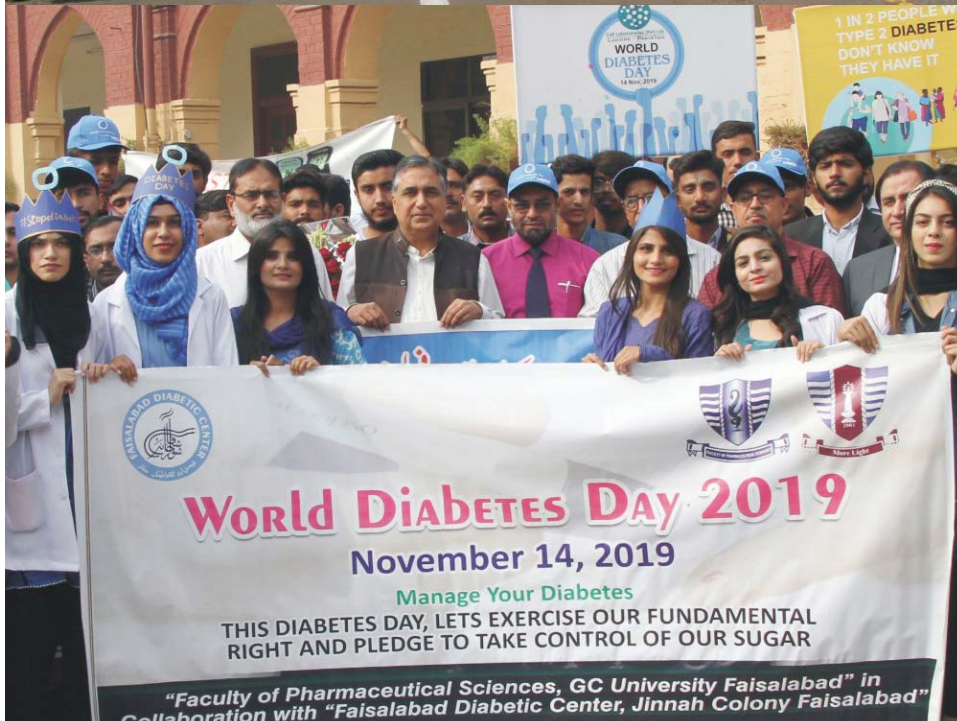
**Co-Opted Member**





















# Disclaimer

This prospectus provides information about the academic programs of various faculties of Government College University Faisalabad and should not be taken as binding on the University. Information contained in it, including curriculae, admission procedures, rules of examination, regulations of discipline and fee and dues are periodically reviewed and revised by the Competent Authority. The University reserves the right to change any rules, regulations and financial effects applicable to the students whenever and where ever it is deemed appropriate or necessary.

**Errors and omissions excepted**





## Government College University Faisalabad

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