Module 3: This module of 6 days is regarding enhancing skill set in Android/Mobile application development. The module is aimed at helping participants interested in employability in the IT industry pertaining to mobile/Android application development. The module will cover various important aspects of android application development such as data types, operators, control statements, generics, collections, android and mobile platform, Eclipse editor, Android emulator, Debug service(DDMS), development tool(ADT), Android Virtual Devices(AVD), Android activity, layout, UI controls, Notifications, menu, animation, services, content provider, sqllite plugin for android, Android application package (APK).

Module 4: This module of 6 days is regarding enhancing skill set with cloud computing. The module is aimed at helping participants interested in employability in the IT industry pertaining to cloud maintenance, manageability and handling big data. The module will cover various important aspects of cloud computing such as IaaS, SaaS, PaaS, building private cloud, cloud plugins, setting up cloud environment, Integration of public and private cloud and Big Data Handling.

Module 5: This module is of 2 days and is aimed at improving the professional skill set of the participants. The module will lay emphasis on various professional skill sets such as communication skills, writing skills, business writing skills and effective interview handling.

Learning Objectives

1. Skill set enhancement in web application development.

2. Skill set enhancement in android/mobile application development.

3. Skill development in cloud maintenance and manageability with big data handling.

4. Professional skill development for increasing employability of participants.

Duration, Venue and Dates

Duration : The duration of the course is 26 working days. It will start on Friday 26th June, 2015 at 8:00 AM and will end on Saturday 25th July, 2015. The participants must report to Department of Computer Science & Engineering, CTAE, MPUAT, Udaipur by 8:00 AM on 26th June, 2015.

Venue : Department of Computer Science & Engineering, CTAE, MPUAT, Udaipur.

Dates : 26th June, 2015 to 25th July, 2015 (excluding Sundays).

Eligibility to Apply

Final Year B.Tech Students of any Engineering Branch are eligible. However preference will be given to students of Computer Engineering and Information Technology.

Registration

The Student can get themselves registered for the Finishing School by paying the course fee of rupees 5000/-. However students of CTAE need not pay any course fee. The last date of registration is 23-6-2015. However no stay facility will be provided by the college.

How to Apply

The Students interested in participating in this Finishing School should submit the filled registration form along with *DD of rupees of 5000/- in favour of The Dean CTAE, payable at Udaipur* to the Department of Computer Science & Engineering, CTAE, Udaipur latest by 23-6-2015.

However the Final Year Students of CTAE will only be required to submit the filled registration form along with the copy of their college I-Card in the Department of Computer Science & Engineering, CTAE, Udaipur latest by 23-6-2015.

One Month Finishing School
on
Skill set augmentation in web based programming, mobile application development and cloud computing

Under

TEQIP - II

26th June to 25th July, 2015

Course Coordinators

Dr. Naveen Choudhary   Mrs Kalpana Jain

**Department of Computer Science and Engineering
College of Technology and Engineering, Udaipur**

Registration Form

One Month Finishing School
on
Skill set augmentation in web based programming, mobile application development and cloud computing

From

26ᵗʰ June to 25ᵗʰ July, 2015

Name of Student: ....

B.Tech Branch: ....

Class of Study: ....

Mailing Address: ....

Phone: .... Mobile :...........................

e-mail: ....

Institution/College: ....

DD No: .... Date: ....

Bank Name: ....

Signature

Note for registration:

(1) Non CTAE Students will be required to submit *DD of Rs. 5000/- in favour of The Dean CTAE, payable at Udaipur & copy of their college I-Card along with this registration form.*

(2) CTAE Students will be required to submit copy of their I-Card along with this registration form.

(3) Completed registration form along with the enclosures mentioned in (1)/(2) may be submitted at the following address latest by 23-6-2015.

Address for Communication

Dr. Naveen Choudhary, Professor & Head, Dept, of CSE, CTAE, Udaipur, PIN-313001

Email:- naveenc121@yahoo.co.in

Phone:- 0294-2470305

About the College

The College of Technology and Engineering, Udaipur (CTAE) is a constituent college of the Maharana Pratap University of Agriculture and Technology, Udaipur. The college was started in 1964 with a Graduate Programme in Agricultural Engineering. Presently the CTAE has undergraduate degree programmes in 8 branches, M.Tech. Programmes in 12 disciplines, besides an MBA programme in Engineering and PhD programmes in 9 disciplines. The college has a rich infrastructure with well-equipped laboratories in each department having modern state-of-art instruments/equipment to provide the hands-on training to the students. The college has highly qualified faculty with not only national but also international exposure in teaching and research. The college has been recognized as Outstanding Engineering College in Northern Region and has been awarded "Outstanding Institution Award" in 2013 by National Institute of Technical Teachers Training and Research, Chandigarh (a Ministry of Human Resource and Development, Government of India, Institute).

About the Department of Computer Science & Engineering

The Department of Computer Science & Engineering aims at imparting quality education and strive to quench the thirst for knowledge. The Department offers B.Tech.(CSE), B.Tech (IT) and M.Tech. (CSE) and Ph.D (CSE) programmes. The department is privileged with the state of art computation and multimedia teaching facilities. The department is connected with national knowledge networks which facilitates the students to share knowledge with eminent engineering institutes of the country. Moreover experts with hands on experience regularly share their domain knowledge with the department in various conferences, seminars and short term courses organized by the Department.

Course Objective

The objective of the course is to enhance the skill set of the B.Tech passing out students and to enhance their employability options in the domain of Information Technology and Computer Science & Engineering. The course comprises of not only fundamentals but also hands on training on the skills required in the industry pertaining to Android application development, Java Enterprise Edition, Database & PHP , Cloud computing, Virtualization and Big data. In addition to the above the course also comprise of a module for strengthening professional skills such as communication skills, writing skills, business writing skills and effective interview handling.

Scope and Format of the Course

The proposed finishing school course is divided into 5 modules. Module 1 to 4 are of 6 days each and module 5 is of 2 days. Each course day in the modules 1 to 4 will have 4 lecture session of 1 hr each and 1 lab session of 2 hrs. Whereas as each course day in module 5 will have 6 lecture sessions of 1 hr each.

Module 1: This module of 6 days is regarding enhancing skill set in Java Enterprise Edition. The module is aimed at helping participants interested in employability in the IT industry pertaining to web application development. The module will cover various important aspects of Java Enterprise edition such as servlet, cookies, JSP, scripting elements & XML connectivity, JDBC etc.

Module 2: This module of 6 days is regarding enhancing skill set in server side scripting language: PHP. The module is aimed at helping participants interested in employability in the IT industry pertaining to web application development especially in server side scripting. The module will cover various important aspects of PHP such as data types, functions, objects, Cascading Style Sheets (CSS), using session & cookies, query, regular expression, PHP MySql connectivity, OOPS in PHP, Exception Handling, website hosting etc.