

1. Name : **Dr. A.K.CHITTORA**
2. Date of Birth : July 26, 1962
3. Present position : Asstt. Prof. of Chemistry
Deptt. of Basic-Science, CTAE



4. Academic Qualifications

Ph. D. (1989) : M.L.S.University,Udaipur
M. Sc. (1984) : University of Rajasthan, Jaipur (II Position)

5. Fields of research work

- (a) Photocatalysis
- (b) Solar Energy Conversion and Storage
- (c) Green Chemistry

6. Membership of learned societies

- (a) Life Member, Indian Chemical Society (ICS)
- (b) Life Member, Indian Council of Chemists (ICC)
- (c) Member, International Association of Engineers (IAENG)

7. Award of Fellowships and Medals

- ❖ Awarded Merit Scholarship in B.Sc.Exam.
- ❖ Awarded II Merit Position in M.Sc.Exam.,1984,University of Rajasthan, Jaipur
- ❖ Awarded Prof. S. R. Palit Memorial Award in Annual Convention of ICS
- ❖ Best Teacher Award by Bharat Vikas Parishad (Azad),Udaipur-Teacher's Day-2008
- ❖ Best Teacher Award by Rotary Club, Meera, Udaipur - Teacher's Day-2012

9. Publications

(a) Total number of research papers published : **10**
(b) Number of Review Published : **01**
(c) Number of books published : **01**

10. List of Books

1. **IMPORTANT ORGANIC REACTIONS** published by **Himanshu Publication**, Udaipur-Delhi.

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12. List of Publications

1. Suresh C. Ameta, Sadhna Khamesra, Anil K. Chittora and K.M. Gangotri, , Use of Sodium Lauryl Sulphate in Photogalvanic Cell for Solar Energy Conversion and Storage: Methylene Blue – EDTA System, *Int. Journal of Energy Research*, 13,643-647,1989.
2. S.C. Ameta, A.K. Chittora, K.M. Gangotri and S. Khamesra,Use of Azur C - Glucose System in Photogalvanic Cell for Solar Energy Conversion. *Z. Phys. Chemie. Leipzig* 270, 607-612, 1989.
3. S.C.Ameta, S. Khamesra, D. Sharma and A.K. Chittora , Kinetics of Photobleaching of Methylene Blue by Aqueous Bicarbonate. *Z. Phys. Chemie. Leipzig*, 271, 227-229,1990.
4. A.K. Chittora, B. Sharma, Manju Bala and S.C. Ameta, Use of some Photocatalysts in Photo Reduction of Carbon-Dioxide : An Approach Towards Solar Energy Conversion. *Solar Energy Society of India*, 169-173, 1990.
5. Suresh C. Ameta, Anil K. Chittora, Sadhna Khamesra and Rameshwar Ameta, ,Use of Triton X-100 In a Photogalvanic Cell for Solar Energy Conversion and Storage : Thionine - EDTA system. *The Arabian Journal for Science and Engg.*, 17(4A), 477-480, 1992 .
6. G.V. Srinivasa Reddy,SR Bhakar,RC Purohit and A.K. Chittora, Markov Chain Model Probability of Dry ,Wet Weeks and Statistical analysis of Weekly Rainfall for Agricultural planning at Bangalore., *Karnataka J.Agric.Sci.*,21(1),12-16,2008.
7. Yuvraj Jhala, Anil K.Chittora, K.L.Ameta and P.B.Punjabi, Photochemical Degradation of Neutral Red Using Potassium Trisoxalatoferate (III) As An Oxidant, *Int.J.Chem.Sci.*, 8(3),1389-1401, 2010.
8. Manish K. Rawal, Diwaker Sitha, Rakshit Ameta, Anil K. Chittora and Pinki B.Punjabi ,Solvent free synthesis of some substituted 1,2,4 - triazoles using zeolite NaY as a reusable solid support and catalyst. *Indian Journal of Heterocyclic Chemistry*, 20(Oct-Dec),169-170, 2010
9. Ritu Vyas, Manish K.Rawal, Rakshit Ameta, Anil K.Chittora and Pinki B.Punjabi , Microwave assisted aminomethylation of some heterocyclic compounds bearing imidazolone moiety and their biological assay. *J. Indian Chem. Soc.*, 89 ,1229-1234 (Sept.,2012)
10. Pinki Bala Punjabi,Noopur Ameta, Jyoti Sharma,Sangeeta Kalal and Anil Kumar Chittora , Heterogeneous Photo-Fenton Degradation of Neutral Red By Using Copper Modified Iron Oxide. *International Journal of Chemistry*, Vol 1,No.3,337-345, 2012

Review

1. Suresh C. Ameta, Rameshwar Ameta, Manju Bala, Bhoopendra Sharma and Anil K. Chittora , Photochemical Conversion and Storage of Solar Energy, *Asian Journal of Chem.*, 2, 18-27, 1991.(ISSN 0971-0523).