



Science Academies' Refresher Course on Upskilling Chemistry Teachers on Latest Pedagogical Tools for Impactful Teaching

at

Vignan's Foundation for Science, Technology and Research
(VFSTR Deemed to be University)

Vadlamudi, Guntur 522 213, Andhra Pradesh
27 November–11 December 2018

Sponsored by

Indian Academy of Sciences, Bengaluru

Indian National Science Academy, New Delhi

The National Academy of Sciences, India, Allahabad

A Refresher Course in Chemistry will be organized at Division of Chemistry, Department of Sciences and Humanities, Vignan's Foundation for Science, Technology and Research (VFSTR Deemed to be University), Vadlamudi, Guntur, Andhra Pradesh, for two weeks during 27 November to 11 December 2018. The refresher course will include the following topics: Advance Synthetic Organic Chemistry, Asymmetric Synthesis, Stereochemistry, Pericyclic Reactions, Advance Spectroscopy, Organometallic Chemistry, Material Chemistry, Nanotechnology, X-ray Crystallography, Molecular Spectroscopy, Quantum Chemistry, Medicinal Chemistry, Bio-inorganic Chemistry and Bio-physical Chemistry.

The objective of this Refresher Course is to update and enlighten the basic concepts keeping in pace with the newly designed courses in Chemistry. The Director of the Course is **Professor Dilip Dhavale**, FASc, FNASc, Department of Chemistry, Savitribai Phule Pune University, Pune, e-mail: dilipdhavale56@gmail.com. The Coordinator of the Course is **Dr Nagaraju Devunuri**, Associate Professor of Chemistry, Department of Sciences and Humanities, VFSTR Deemed to be University, e-mail: naag1977@gmail.com. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

Resource persons: **Prof. G R Desiraju** (IISc Bengaluru), **Prof. S Chandrashekar** (IISc Bengaluru), **Prof. M Periasamy** (University of Hyderabad), **Prof. D Basavaiah** (University of Hyderabad), **Prof. C P Rao** (IIT Bombay), **Prof. Dilip D Dhavale** (SPPU, Pune), **Prof. K R Prasad** (IISc Bengaluru), **Dr K S M S Raghavarao** (CFTRI Mysuru), **Prof. D. B. Ramachary** (University of Hyderabad), **Dr Chandrashekar Rajdurai** (University of Hyderabad), **Dr Srinivasarao Yaragorla** (University of Hyderabad), **Prof. Srinivas Hotha** (IISER, Pune), **Dr D K Mohapatra** (CSIR-IICT Hyderabad), **Dr Ramesh Gardas** (IIT Madras), **Dr Beeraiah Baire** (IIT Madras), **Prof. S Jagannatha Swamy** (Kakatiya University), **Prof. M V Basaveshwara Rao** (Krishna University, Warangal), **Prof. P Venkatesu** (Delhi University), **Dr Vaishali Shinde** (SPPU, Pune), **Dr Devesh Sawanth** (Central University of Rajasthan).

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Chemistry. Motivated students of M.Sc. Chemistry courses may also apply. Maximum 35 applications will be considered from all the states. Selected outstation participants will be provided with travel assistance (limited to three-tier AC train fare), accommodation and local hospitality during the course along with additional course material.

Interested applicants must submit their application ONLINE by clicking on the following link

<http://web-japps.ias.ac.in:8080/Refreshcourse/RUC.jsp>

A printed copy of the application approved by the Head of the institution should be sent by post to the **Course Coordinator**, at the address given below. In case of teachers, the form must also be signed and stamped by the Head of the applicant's institution stating that leave will be sanctioned if the applicant is selected for the Course. A recommendation letter from a teacher is essential for student applicants along with bonafide certificates of the Institute. Scanned copies of the duly signed documents sent by e-mail will also be accepted.

Address for Communication: **Dr Nagaraju Devunuri**, Course Coordinator, Division of Chemistry, Department of Sciences and Humanities and Pharmaceutical Sciences, Vignan's Foundation for Science, Technology and Research (VFSTR Deemed to be University), Vadlamudi, Guntur 522 213, Andhra Pradesh, e-mail: naag1977@gmail.com, Phone: +91 90307 84939, Tel.: 020-26563 4021.

Last date for receipt of applications: **25 October 2018**

Selected participants will be informed by: **31 October 2018**