

## Course Director

**Professor Dilip D. Dhavale**

FASc, FNASc,

Department of Chemistry, Savitribai Phule

Pune University, Pune 411007

## Course Convener

**Dr. Sanjay S. Kharat**

Principal

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## Course Coordinator

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## Tentative list of topics:

- Advanced synthetic Organic Chemistry
- Asymmetric Synthesis
- Stereochemistry
- Pericyclic Reactions
- Advanced Spectroscopy
- Material Chemistry and Nanotechnology
- X-Ray Crystallography
- Molecular Spectroscopy and Quantum Chemistry
- Medicinal Chemistry
- Bio-inorganic Chemistry

## Resource Persons:

- **Prof. M. S. Wadia**,  
(INSA Best Teacher) Emiritus Professor, Pune.
- **Prof. K. N. Ganesh**,  
FNA, FNASc, FTWAS, FASc, Director, IISER, Pune
- **Prof. Dilip D. Dhavale**,  
FASc, FNASc, SPPU, Pune
- **Prof. Shridhar R. Gadre**,  
FNA, FASc, SPPU, Pune
- **Professor C. P. Rao**,  
FNA, FNASc, JC Bose National Fellow IIT, Mumbai
- **Prof. Srinivas Hotha**,  
IISER, Pune
- **Prof. V. D. Bobade**,  
HPT-RYK College, Nashik
- **Prof. Sulbha Kulkarni**,  
FASc, FNA, FNASc, IISER, Pune
- **Dr. Sanjeev Kulkarni**,  
Ex. Vice President, Med. Chem, Lupin, Pune.
- **Prof. Avinash Kumbhar**,  
Department of Chemistry, SPPU, Pune



**This Refresher Course is Valid  
for CAS Promotion**

**“Science Academies’  
Refresher Course in Chemistry”**

**(27<sup>th</sup> Nov. to 11<sup>th</sup> Dec.2017)**

## Organised by

Department of Chemistry,  
Progressive Education Society's  
Modern College of Arts, Science  
and Commerce, Ganeshkhind,  
Pune-411016.  
Maharashtra, India

## Sponsored by

Indian Academy of Sciences,  
Bengaluru.  
Indian National Science Academy,  
New Delhi.  
The National Academy of Science,  
Allahabad.

## About the college

NAAC 'A' Grade	Best College Award
DBT Star Status	Best Principal Award
DST-FIST Sponsored	Energy Cons. Mgmt Award

Progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind, established in 1992 offer 21 undergraduate, 10 post graduate and some Ph.D. programs of Savitribai Phule Pune University, Pune in Humanities, Social Sciences, Commerce, Life Sciences, Electronics, Natural sciences, Statistics and Mathematics, to name a few, with students from 18 countries and 24 Indian states. The college is also running UGC funded Bachelor of Vocation in Food Processing and Technology course and different Career Oriented Courses. The college has been awarded with prestigious Star Status from the Department of Biotechnology (DBT), Government of India in 2017. The college has been re-accredited with 'A' Grade by NAAC, Bangalore. The college is supported under FIST program of the Department of Science and Technology (DST), Government of India. The college was received Best College Award, Best Principal Award, and also Jagannath Rathi Award for Best College. Notably, the Maharashtra Energy Development Agency (MEDA) has honored us with a State level award for excellence in Energy Conservation and Management recognizing us as a Green Educational Institute.

We have ITC enabled classrooms, well equipped Laboratories, hi-tech Computer Laboratories, and well-stocked Library along with a Digital Library with internet facility, a computerized Administrative Office. The college has excellent research facilities and vibrant academic and research environment.

## About the Chemistry Department

The Department of Chemistry runs B.Sc. (since 1993) and M.Sc. (since 2006) courses. The department has four well equipped laboratories for conducting B.Sc. and M.Sc. courses. Department has separate classroom with LCD facility with capacity of **100** participants and one common Audio Visual Seminar Hall with capacity of **120** participants. Presently fourteen qualified staff members (Eight Ph.D), including PG and M.Phil, Ph.D. research guide recognized of Savitribai Phule University are working in the department. The department has four completed Research projects and one is ongoing. The total no. of publications of staff members in the department in last five years is **57**. The departments has conducted National Seminar, Syllabus Restructuring workshop, NET-SET Guidance workshops, Developing Technical skill workshops, Hands on Training Programmes, Summer Training Programmes, Certificate Course in Analytical Technique in last five year.

## About the course

The objective of the proposed course is to update and enlighten the concepts in Chemistry keeping in pace with the newly designed courses in chemistry. Training in the course will promote innovation in content which can develop teaching skill and enhanced access to the high quality higher education.

Applications are invited from teachers 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 in additional course material.

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

<http://web-japps.ias.ac.in:8080/refreshcourse/Rccc.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. Scanned copies of the duly signed documents sent by e-mail will also be accepted.

## Address for Communication

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Phone: +91 7028865295.

Tel. (Office): 020-265634021 ext.223

Last date for receipt of applications:

**25 October 2017**

Selected participants will be informed by:

**30 October 2017**

