



Science Academies' Refresher Course on 'Quantum Chemistry' (30 January -14 February 2023)

Sponsored by

Indian Academy of Sciences, Bengaluru
Indian National Science Academy, New Delhi
The National Academy of Sciences India, Prayagraj

Organized by



Department of Chemistry, Nrupathunga University, Nrupathunga Road, Bengaluru, Karnataka, India
(Course Director: **Dr. Shridhar R. Gadre**; Course Coordinator: **Dr K Ramakrishna Reddy**)

A Refresher Course on Quantum Chemistry will be held through offline mode from 30 January to 14 February 2023. The course aims at providing the basic knowledge on the topics related to Quantum Chemistry at M.Sc. level by the experts in this field. A unique feature of the course will be adequate number of problem-solving sessions on the topics covered and use of audio-visual media for illustrating the concepts involved. In addition, there will be some sessions demonstrating the use of computers as effective teaching/research aid.

Applications are invited from the teachers with at least two years' experience in teaching undergraduate and postgraduate courses in Chemistry (Physical, Inorganic, organic, Analytical and General). The applicants should possess adequate mathematical skills and should have keen interest in learning the basics of Quantum Chemistry. The number of seats will be 35. Selected participants will be provided some study material on the subject.

The UGC has notified (No.F.1-2/2016) that teachers in Universities and Colleges attending two-week Refresher Courses will get due credit in Career Advancement Scheme.

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

<https://web-japps.ias.ac.in:8443/Refreshcourse/QCRR.jsp>

A print copy of the application signed by the applicants should be **sent by SPEED POST so as to reach the Course Coordinator latest by December 10, 2022**. The print copy must be signed and stamped by the applicant's Head of the Department in case of University, and the Principal in case of college/institution stating that leave will be sanctioned if the applicant is selected for the Course. Outstation candidates will be provided local hospitality and round trip bus/train (three-tier AC) fare by the shortest route.

Course Director: Dr. Shridhar R. Gadre, Savitribai Phule Pune University, Pune-411007.

Course Coordinator: Dr. K. Ramakrishna Reddy, Department of Chemistry, Nrupathunga University, Bengaluru-560001; E-mail: krchem@gmail.com. Mobile: 9886730374

Last date of the receipt of ONLINE applications: December 1, 2022

Last date of the receipt of the hard copy of applications: December 10, 2022

Selected participants will be informed by Email by December 20, 2022