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Mumbai

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Prof. B. S. M. Rao, IISER, Pune

Tentative List of Invited Speakers

Dr. A. V. R. Reddy, BARC, Mumbai

Dr. Vijay Mohanan, CECRI, Karaikudi

Dr. Anil Kumar, NCL, Pune

Dr. Dilip K. Maity, BARC, Mumbai

Dr. Haridas Pal, BARC, Mumbai

Dr. Ashok Giri, NCL, Pune

Prof. Deevi Basavaiah, University of Hyderabad,
Hyderabad

Prof. B. C. Ranu, IACS, Kolkata

Dr. D. G. Naik, ARI, Pune

Local Organizing Committee

Chairman	Prof. D. D. Dhavale, Head, Department of Chemistry
Convener	Prof. (Mrs.) N. S. Rajurkar
Secretary	Prof. S. K. Pardeshi
Treasurer	Prof. (Mrs.) A. A. Athawale
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Registration Fees

Participants from Industry	Rs. 3000/-
Faculty	Rs. 2000/-
Research students	Rs. 1000/-
Late Fee (Additional)	Rs. 500/-

(Registration fees include conference kit,
lunch and tea during conference)

❖ Accommodation charges should be borne by
the participants

Contact Details

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**Prof. H. J. Arnikar birth centenary year
(6 Oct. 2012 to 6 Oct. 2013)**

National Conference on

***Frontiers in Physical, Chemical
and Biological Sciences***
(FPCBS-2013)

4 - 6 October, 2013

Organized by

**Department of Chemistry
University of Pune
Pune-411 007**



ABOUT PUNE

Pune is the educational hub of Maharashtra with number of educational and technical institutes imparting the knowledge to thousands of students for many years. Not only students from Maharashtra but from other states and from other countries also select Pune for exploring their careers. This gives an extra aura to the city along with its historical background and importance. The city has many historical places to visit which gives the idea of its place in the history of Maharashtra and India. Because of this, the city has grabbed the attention of IT companies for last several years and now a days it has become one of the leading IT sectors in India.

ABOUT UNIVERSITY OF PUNE

University of Pune is one of the premier universities in India. It was established on 10 February, 1948 and is situated in 411 acres of area in the North-western part of Pune city. With the 46 academic departments on the campus, about 307 recognized research institutes and 612 affiliated colleges come under its jurisdiction. It is popularly known as the 'Oxford of the East'. Students from all over India and other countries join the university for their studies. The university has hostel facility, health centre, the competitive examination centre, and many other facilities. The renowned centres like IUCAA, TIFR, C-DAC are also situated in the university campus.

ABOUT DEPARTMENT OF CHEMISTRY

The Department of Chemistry is one of the earliest departments established by the University of Pune in April 1950. The department offers programs leading to P. G. B. Sc., M. Sc., M. Phil. and Ph. D. degrees. Department of Chemistry is rated as one of the best in the country for its teaching and research activities. It has been selected as Centre for Advanced Studies in Chemistry. The department has received large funds from the University Grants Commission under Departmental Special Assistance Programme (SAP) and Committee on the strengthening of Infrastructure in Science and Technology (COSIST).

Various other government funding agencies viz. CSIR, DST, DAE, INSA, ISRO, DRDO, C-DAC have also given funds for execution of their projects. Chemistry has 6 specializations - Physical, Organic, Inorganic, Biochemistry, Analytical and recently introduced Medicinal Chemistry. The department possesses several sophisticated instruments like IR, FT-NMR, HPLC, HPTLC, GC, etc. Neutron sources, gamma Chambers and LINAC are the special features of the department. The department has a close collaboration with the National Chemical Laboratory (NCL), Pune for teaching and research activities.

ABOUT THE CONFERENCE

Late Professor H. J. Arnikaar, Former Head of the Department of Chemistry started the subject of Nuclear and Radiation Chemistry first time at University level in India and is known Internationally for his contributions in this field. Department of Chemistry along with colleagues, students and well wishers of Prof. H. J. Arnikaar is celebrating "Prof. H. J. Arnikaar birth centenary year" during 6th Oct. 2012 to 6th Oct. 2013. In his honor we are organizing a conference on the theme "Frontiers In Physical, Chemical and Biological Sciences" (FPCBS-2013). In order to pay tribute to the memory of Prof. H. J. Arnikaar, two sessions of this conference will be organized to deliberate on the recent developments in "Nuclear and Radiation Chemistry".

CONFERENCE OBJECTIVES

- ❖ To develop the interest of young researchers for undertaking studies and research in the frontier fields of physical, chemical and biological sciences.
- ❖ To give an opportunity to participants for understanding the new developments through invited talks by eminent scientists and technologists.
- ❖ To provide a platform for interdisciplinary communication and intensify collaborations between scientists and industry.

Topics under FPCBS-2013

- Nuclear and Radiation Chemistry
- Material Science and Catalysis
- Biochemistry and Biotechnology
- Analytical Chemistry
- Thermodynamics and Electrochemistry
- Computational Chemistry, Modeling and Spectroscopy
- Natural Products and Synthetic Organic Chemistry

Important Dates

Submission of Abstract	16-8-2013
Abstract acceptance	26-8-2013
Registration fees	On or before 1-9-2013
Registration with late fees	On or before 8-9-2013

Abstract Structure

Overall font: Times New Roman

Title: 12 pt, all caps, bold, centralize text, single spacing,

Author: 12 pt, Italics, bold, centralize; underline presenting author,

Institution affiliation (address) with **e-mail ID:** 10 pt,

Text: 2 Pages, Font size-11pt.

Poster board: 1x1metre; posters should fit in this board. Please send the abstract to the convener on e-mail: fpcbs2013@chem.unipune.ac.in,

Conference Proceedings

The extended abstracts of all papers (oral/poster), invited talks and industrial presentations will be published in the form of proceedings and will be made available to all registered participants.