

**REGISTRATION FORM**  
NATIONAL CONFERENCE  
ON  
**RECENT ADVANCES IN CHEMICAL  
AND ENVIRONMENTAL SCIENCES**  
**(NCRACES - 2011)**  
**28<sup>th</sup> & 29<sup>th</sup> DECEMBER 2011**

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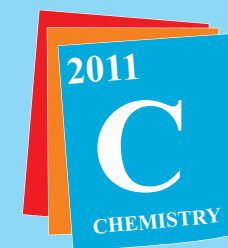
**VENUE OF THE NATIONAL CONFERENCE:**  
**SCHOOL OF GRADUATE STUDIES,**  
**Sri Bhagawan Mahaveer Jain College,**  
**(Near Ravindra Kalakshethra)**  
**#34, 1st Cross, J.C. Road,**  
**Bangalore - 560 001**  
**Ph: 080 2661 5246**



ON THE OCCASION OF INTERNATIONAL  
YEAR OF CHEMISTRY 2011  
NATIONAL CONFERENCE  
ON

**RECENT ADVANCES IN CHEMICAL  
AND ENVIRONMENTAL SCIENCES**  
**(NCRACES - 2011)**

**28<sup>th</sup> & 29<sup>th</sup> DECEMBER 2011**



**IYC 2011**

**International Year of  
CHEMISTRY**

**ORGANISED JOINTLY BY**

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**and**

Prof. C.N.R.Rao Centre for Advanced Materials Research,  
Department of Physics  
Tumkur University, Tumkur, Karnataka, India  
Phone No: 0816 2260220

## DEAR COLLEAGUE,

Greetings from Jain University & Tumkur University.

On the occasion of International Year of Chemistry-2011, School of Engineering and Technology, Jain University and Prof. C.N.R.Rao Centre for Advanced Materials Research, Department of Physics, Tumkur University are jointly organizing National Conference on Recent Advances in Chemical and Environmental Sciences (NCRACES-2011) on 28<sup>th</sup> and 29<sup>th</sup> December 2011. The present conference lays stress on Advancement in Biological, Chemical and Environmental Sciences. Prof C N R Rao is inaugurating the conference on 28<sup>th</sup> December 2011. We expect a number of participation from experts and specialists contributing in their respective areas of research for the enlistment of society. We will be delighted and appreciate your participation in the above said event.

## ABOUT JAIN UNIVERSITY

Jain University is one of the youngest universities and is an important part of Jain Group of Institutions (JGI), founded by Sri R.Chenraj Jain, President, Jain University Trust. A well established and respected group which runs about 52 vibrant educational institutions in all areas of education with a vision "To build a nation through education and entrepreneurial development", Jain University is declared a Deemed to be University under section 3 of the UGC Act by the ministry of HRD of the Government of India.

Sri Bhagawan Mahaveer Jain College of Engineering, Bangalore, now called School of Engineering & Technology (SET), is one of the constituent colleges of Jain University. The college offers relevant and innovative programs in various disciplines including Undergraduate, Postgraduate and Research programs in Computer Science, Information Science, Electrical & Electronics, Electronics and Communications, Civil and Mechanical Engineering. Research activities are supported from the initial stages through the CET (Center for Emerging Technologies), IIAEM (International Institute of Aerospace Engineering & Management) and CDM (Center for Disaster Mitigation). Unlike other Engineering Institutions, SET ushers a new philosophy by bringing for the first time in the same platform of diverse components of engineering and technical excellence with emphasis on entrepreneurship.

## ABOUT THE DEPARTMENT

The Department of Basic Sciences - Chemistry at SET is a unit with a good blend of experience and youth with much enthusiasm in venturing into projects that would serve in the protection of this society. The unit has a vision to excel in the field of Chemical Sciences and to recognize and nurture the importance of chemistry into the minds of engineers, technologists and researchers alike. These motivating activities are supported through Seminars, Workshops and Industrial visits. The faculties are also contributing their services to the International Chemical Society through the editorial teams of reputed International Journals and International Conferences. The Department is providing constant support in inter-departmental growth activities in the areas of product development through research.

## ABOUT TUMKUR UNIVERSITY

Tumkur University, started in 2004, is marching towards the spread of higher education, with its vision "Knowledge is Eternal". The University

is surging ahead with its research geared mission. Aiming to achieve human potential development through committed and dedicated efforts, the University is ensuring an effective application of integrated and interdisciplinary approaches in its dissemination of knowledge. The University, in its short span of establishment, has the phenomenal distinction of starting 29 research centers. In order to strengthen its research and development initiatives, Tumkur University has entered into Memoranda of Understanding (MoU) with various prestigious higher education and research institutions all over India, which includes exchange of students.

## ABOUT THE PHYSICS DEPARTMENT

The Department of Physics with a history of more than 70 years was in Bangalore University till 2009 and is now affiliated to Tumkur University. Since its inception, the Department has excelled in teaching and research in basic as well as applied areas of Physics. Most of the faculty members are also engaged in research activities in their chosen fields and periodically present / publish their work in conferences and / or journals. The Department has successfully offered M.Sc. in Physics from 2008 onwards.

The Department has several externally funded research projects. The major research activities of the Departments are in color centers, alkali halides, nano phosphorous, swift heavy ion interaction with matter, thin films, luminescence studies of minerals and solar cells. The Department faculty members collaborate with leading national research laboratories like IISc, ISRO, NAL, IUAC, IGCAR, IUC-DAEF etc.

## ABOUT THE NATIONAL CONFERENCE

The year 2011 has been designated by the United Nations Educational, Scientific and Cultural Organization (UNESCO) and The International Union of Pure and Applied Chemistry (IUPAC) as the International Year of Chemistry (IYC). The goals of IYC are

- Increase public appreciation of chemistry in meeting world needs
- Encourage interest in chemistry among young people
- Generate enthusiasm for the creative future of chemistry
- Acknowledge and celebrate the role of women in chemistry

The year 2011 will coincide with the 100<sup>th</sup> anniversary of the Nobel Prize awarded to Madam Marie Curie an opportunity to celebrate the contributions of women to science. In this regard, the Department of Basic Sciences - Chemistry, SET, Jain University and Prof.C.N.R.Rao Centre for Advanced Materials, Department of Physics, Tumkur University are pleased to organize a two-day National Conference on **Recent Advances in Chemical and Environmental Sciences.**

## MAIN OBJECTIVE OF THE CONFERENCE

Today, we are living in an era of knowledge, information and technology. Increasing demand of relevant and quality education, governance resources crutch are still to be nurtured. The major challenge is to impart quality education and inculcate research aptitude among students. The objective of this conference is to provide a platform to the research scholars, scientists, subject experts and academicians to discuss the issues related to the global challenges in chemical and environmental sciences, various thrust areas considered for the National Conference are

- Chemical Sciences
- Environmental Sciences
- Biological Sciences

## CALL FOR PAPERS (ABSTRACT)

Original research papers are invited for oral/poster presentations. The abstract of the same must be sent in advance and should be restricted to one page in A4 size sheet. It shall contain the title of the paper, name(s) of author(s), institutional affiliation and address (including e-mail & cell number of the corresponding author) prefixed with an asterisk. The name of the presenting author must be underlined and superscripted with an asterisk. A soft copy of the abstract in MS word format is to be sent as an E-mail attachment to [ncraces2011@gmail.com](mailto:ncraces2011@gmail.com) on or before **20<sup>th</sup> November 2011.**

The acceptance of the abstracts will be informed through mail by **30<sup>th</sup> November 2011** to the authors and will also be posted in the Jain University website [www.jainuniversity.ac.in](http://www.jainuniversity.ac.in). Please note that only abstracts of those who registered for the conference will be included in the abstract book. Last date for Registration **10<sup>th</sup> December 2011**

## FORMAT OF THE ABSTRACT FOR ORAL/POSTER PRESENTATION

TITLE (14 pt BOLD, CENTERED)  
Names of authors (12pt normal)  
Department name, Institute name and address.  
(E-mail id for correspondence)

Abstract should be created using MS word, times new roman 10pt, normal font, single space, A4 size with margins- top/ bottom 1inch, left/right: 1.25 inches. The abstract should be between 250 and 300 words. References should be cited in parentheses e.g. Hoffman et al (2) in the text. They should be typed 9pt, normal font and single space. The entire abstract including text, figures, equations, structures, schemes and references must be sent as (author name. doc) title. The printed are a should be 5.8 inches (width) × 9.7 inches (length).

## YOUNG SCIENTIST AWARD

The committee of NCRACES-2011 desires to announce an award and a certificate to young scientists up to the age of 35 years for the best paper presented in oral sessions in all the disciplines. Those interested in participating in the contest must write in bold letters **JUYSA-2011** on the right corner at the top of the abstract and enclose proof of the age (High school certificate/Passport/Voter ID). The awards will be given in the valedictory function of the conference.

## REGISTRATION FEE :

Delegate from Academic Institutions/ Universities	₹. 750/-
Research Scholars	₹. 500/-
Delegates from Industry / R&D organizations	₹. 1000/-
Faculty / Students from JGI and TU	₹. 300/-
<b>Last date for Registration</b>	<b>10<sup>th</sup> Dec. 2011</b>