

### Important Deadlines

Submission of Abstract : 10-02-2016

Intimation of acceptance of Abstract : 20-02-2016

Submission of registration forms : 20-02-2016

24<sup>th</sup> February 2016

Registration: 8.30am-9.30am

Inauguration: 10.00am

### INAUGURAL ADDRESS

Prof. K. S. Rangappa, Honourable Vice Chancellor,  
University of Mysore, Manasa Gangothri, Mysuru

### INVITED SPEAKERS

1. Dr. Sathees C. Raghavan, Dept. of Biochemistry, I.I.Sc., Bangalore
2. Prof. Tapas K. Kundu, Transcription & Disease Laboratory, MBGU, JNCASR, Bangalore
3. Prof. K. J. Rao, Emeritus Professor, Ramanna fellow (Senior), SSCU, I.I.Sc., Bangalore
4. Dr. Ravindra V. Singh, Dy. General Manager, Lab Operations (R&D), Sigma Aldrich Chemicals Pvt. Ltd., Bangalore
5. Prof. Anjali Anand Athawale, Pune University, Pune



### For Queries contact:

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e-mail: [jnc.chemconf16@gmail.com](mailto:jnc.chemconf16@gmail.com)

# UGC sponsored National Conference on *Recent Trends in Chemistry* 24<sup>th</sup> February 2016



Organized by  
Department of  
**Chemistry & Biochemistry**  
**Jyoti Nivas College Autonomous**

Hosur Road, Bangalore - 560095

Ph No: 080 25530137



In Collaboration with  
**Sigma Aldrich Chemicals Pvt. Ltd., Bangalore**

## THE COLLEGE

Jyoti Nivas College Autonomous is a minority Christian Institution founded in 1966 by the Sisters of St. Joseph of Tarbes, with the objective of empowering women with quality education in Arts, Science (Basic & Applied) and Commerce & Management. It is an autonomous educational institution in Karnataka affiliated to the Bangalore University. As a testimonial to its excellence, the college, in 2014 was conferred 'College of Excellence' by the University Grants Commission. The college was reaccredited with Grade 'A' by NAAC with a CGPA of 3.76 in 2012 in its third cycle of accreditation. The continuous hard work and pursuit of excellence has led the college into the Golden Jubilee year 2015 - 2016.

The department of Chemistry has been in existence since 1966 and the department of Biochemistry as an independent department since 2006. The departments offer several undergraduate courses. In the year 2009, M.Sc. Organic Chemistry was started. The departments are actively involved in research with completed and ongoing major and minor research projects to its credit. The departments have successfully organised several symposia and conferences.

## THE CONFERENCE AND ITS OBJECTIVES

As a part of the Golden Jubilee Celebration of our college, the department of Chemistry and Biochemistry is organizing a UGC sponsored National level one day Conference titled '**Recent Trends in Chemistry**' on 24<sup>th</sup> February 2016.

### Objectives:

- ★ To provide a platform for academicians, research scholars and scientists in the field of Chemistry and Biochemistry to present their work.
- ★ To motivate the young scientific minds to venture into research.
- ★ To facilitate exchange of ideas between experts, delegates and students.

## CALL FOR PAPERS (ORAL/POSTER)

Original research articles are invited from UG and PG students and researchers in academic institutions and industries for presentation in the conference. The articles can be on fundamental or applied studies in any area of Chemistry.

Authors are requested to submit an abstract of 150-200 words (Times New Roman, 1.5 line space, font size 12). The abstract should include the title of the paper, name of the authors, affiliation, contact number and email address of the corresponding author. The name of the presenting author should be underlined. Please indicate clearly whether the abstract is for Oral or Poster presentation. The soft copy of the abstract should reach on or before **10<sup>th</sup> February 2016** at [jnc.chemconf16@gmail.com](mailto:jnc.chemconf16@gmail.com)

Abstract for Oral / Poster presentation will be accepted only after peer review and the authors of the selected abstracts will be intimated by **20<sup>th</sup> February 2016**. The accepted abstracts will be published in the proceedings of the conference.

**Duration of oral presentation 8 + 2min**

**Size of the poster 90cm x 120cm**

Best oral / poster presentation will be awarded prizes.

## REGISTRATION FEE

**Delegates from industry: Rs. 500/-**

**Faculty: Rs. 200/-**

**Students: Rs. 150/-**

Duly filled registration forms along with DD/Pay order for the registration amount drawn in favour of **JNCHEMCON** payable at Bangalore should reach the Organising Committee on or before **20<sup>th</sup> February 2016**.

**Patron : Dr. Sr. Elizabeth C S Principal**

**Convenors : Dr. R. Ramachandrappa HOD Chemistry  
Dr. Grace Thomas HOD Biochemistry  
Dr. Nirmala Vaz**

**Coordinators : Mrs. Usha Joseph  
Dr. Anita Khera**

**Treasurer : Mr. Mikhail Rajaram**

**Organising Committee**

Dr. Preeti Mangala	Ms. Arnet Maria A	Dr. D. Sophia
Ms. S. Ramalakshmi	Ms. Mary Arpana	Dr. B. Nagaraj

**Industry Coordinator**

Dr. Pintoo Ganguly, General Manager, Sigma Aldrich Chemicals Pvt. Ltd., Bangalore

## Report on the National Conference 'Recent Trends in Chemistry'

**Date:** 24<sup>th</sup> February 2016

**Sponsored by** UGC

**Industry Collaborators:** Sigma Aldrich Chemicals Pvt. Ltd., Bangalore

The conference elicited a tremendous response with 175 registered participants, 14 oral paper presentations and 20 poster presentations.

### **Inaugural Function:**

**Chief Guest and Key note speaker:** Padma Shri Prof. Eluvathingal D. Jemmis, Department of Inorganic and Physical Chemistry, I.I.Sc., Bangalore. "Hueckel  $4n+2$ , Wade's  $n+1$  and mno Rules"

**Guest of Honour:** Dr. Pintoo Ganguly, General Manager, Lab Operations (R&D), Sigma Aldrich Chemicals Pvt. Ltd. Bangalore

**Release of conference proceedings:** Dr. Elizabeth C. S., Principal

### **Invited speakers:**

- Sathees C. Raghavan, Dept. of Biochemistry, I.I.Sc., Bangalore. "A Tale of Identification of a DNA Break Repair Inhibitor that has an Ability to Abrogate Tumor Progression and Reduce the Effective Dose during Radiotherapy"
- Prof. Tapas K. Kundu, Transcription & Disease Laboratory, MBGU, JNCASR, Bangalore. "Chemical Biology Approach to Understand Genes and Disease: Implications in Therapeutics"
- Dr. Ravindra V. Singh, Dy. General Manager, Lab Operations (R&D), Sigma Aldrich Chemicals Pvt. Ltd. Bangalore. "Carbon-oxygen (C-O), carbon-nitrogen (C-N) and carbon-sulfur (C-S) bond formation via Mitsunobu approach - A convenient and very powerful tool in organic synthesis"
- Dr. S. Basappa Assistant Professor, Dept. of Studies in Chemistry, Bangalore University. "Development of drug-seeds targeting JAK-STAT pathway, TNF- $\alpha$ , BAD and NF-kB in hepatocellular and mammary carcinoma"
- Prof. Anjali Anand Athawale, Pune University. "Smart Materials and Devices"

**Oral presentations:** 14 participants

**Poster presentations:** 20 participants





