

### Important Deadlines

Submission of Abstract : 11-08-2014

Intimation of acceptance of Abstract : 16-08-2014

Submission of registration forms : 20-08-2014

### KEYNOTE ADDRESS

Dr. C. N. Manjunath, Director,  
Sri Jayadeva Institute of Cardiovascular Science and Research

### INVITED SPEAKERS

1. Prof. Tushar Kanti Chakraborty, (Former Director, CDRI, Lucknow),  
Dept. of Organic Chemistry, I.I.Sc., Bangalore
2. Prof. C. Mugesh, Dept. of Inorganic and Physical Chemistry,  
I.I.Sc., Bangalore
3. Prof. Basappa, Dept. of Studies in Chemistry,  
Bangalore University, Bangalore
4. Dr. Bala Subramanian, Founder and Vice President,  
Bugworks Research India Pvt. Ltd., Bangalore
5. Dr. Ganesh Sambasivam, Co-founder and CSO,  
Anthem Biosciences Pvt. Ltd., Bangalore

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

**Convenor** : Dr. R. Ramachandrappa (HOD)

**Organising Secretary** : Dr. Nirmala Vaz

**Coordinators** : Dr. Grace Thomas

Ms. Usha Joseph

Dr. Anita Khera

**Treasurer** : Dr. Preeti Mangala

### Organising Committee

Ms. Arnet Maria A Ms. S. Ramalakshmi Ms. S. Sudha

Ms. Sumathi R B Mr. Mikhail Rajaram

### Industry Coordinators

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Dr. Susanta Samajdar, Aurigene Discovery Technologies Ltd.

### For queries contact:

Dr. Grace Thomas +91 89719 26918 Mrs. Usha Joseph +91 99452 88436

Dr. Anita Khera +91 99862 13261 Dr. Nirmala Vaz +91 98860 02777

e-mail: [jnc.chemcon.14@gmail.com](mailto:jnc.chemcon.14@gmail.com)

UGC Sponsored National Conference on

# Recent Trends in Medicinal Chemistry

3<sup>rd</sup> and 4<sup>th</sup> September 2014



ज्ञान-विज्ञान विमुक्तये



Organized by

Department of Chemistry

Jyoti Nivas College Autonomous

Hosur Road, Bangalore - 560095

Ph No: 080 25530137



In Collaboration with

Anthem Biosciences Pvt. Ltd., Bangalore

Aurigene Discovery Technologies 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 DEPARTMENT

The department of Chemistry has been in existence since 1966 and offers several undergraduate courses. In the year 2009 the department started M.Sc. Organic Chemistry. The department is actively involved in research with ongoing major and minor research projects to its credit. The department has successfully organised several symposia and conferences.

## THE CONFERENCE AND ITS OBJECTIVES

The department of Chemistry is organising a UGC sponsored two day national conference titled 'Recent Trends in Medicinal Chemistry' on September 3<sup>rd</sup> and 4<sup>th</sup> 2014. The field of Medicinal Chemistry has been selected as it is one of the thrust areas of research all over the world.

### Objectives:

- ★ To provide a platform for senior and young researchers in the field of medicinal chemistry and allied areas to present their work
- ★ To appreciate the role of Synthetic Organic Chemistry in medicine
- ★ To expose students and researchers to recent advancements in drug design and modelling
- ★ To understand the pharmacology of drugs and recent developments in the field
- ★ To facilitate exchange of ideas between experts and students

## CALL FOR PAPERS (ORAL/POSTER)

Original research articles are invited from researchers in academic institutions and industries for presentation in the conference. The articles can be on fundamental or applied studies in one or more of the following focus areas of the conference:

- ★ Heterocyclic Chemistry
- ★ Synthetic Organic Chemistry
- ★ Nanotechnology in Medicine
- ★ Pharmacology
- ★ Drug Delivery
- ★ Bioinformatics

A few exceptional papers in chemistry that do not directly fall in these areas will also be considered. 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, names of the authors and their affiliation, contact number and email address of the corresponding author. The name of the presenting author should be underlined. The soft copy of the abstract should reach us on or before **11<sup>th</sup> August 2014** at **[jnc.chemcon.14@gmail.com](mailto:jnc.chemcon.14@gmail.com)**

Abstract for oral/poster presentation will be accepted after peer review and the authors of the selected abstracts will be intimated by **16<sup>th</sup> August 2014**. 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.

All paper presenters will be provided second class sleeper fare by train or actual bus fare subject to production of original tickets.

### Registration Fee

**Industry Delegates : Rs. 1000    Faculty: Rs. 300    Students: Rs. 200**

Duly filled registration forms along with DD/Pay order for the registration amount drawn in favour of **JNCCHEMCON14** payable at Bangalore should reach the Organising Secretary on or before **20<sup>th</sup> August 2014**.

### Accommodation

Accommodation for outstation candidates can be arranged on payment basis. For details contact the organisers.

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

**Date: 3<sup>rd</sup> and 4<sup>th</sup> September 2014**

**Sponsored by UGC**

**Industry Collaborators:** Anthem Biosciences Pvt. Ltd., Bangalore

Aurigene Discovery Technologies Ltd., Bangalore

The conference elicited a tremendous response with 240 registered participants of which 55 were from outside Bangalore. Of the 240 participants 44 were faculty, 3 from Industry and the remaining were research scholars and students. Out of state participants were from Kerala and Tamil Nadu. Outstation participants from Karnataka were from Mysore, Mangalore, Shimoga, Gulbarga, Bagepalli. Local participants were from 18 different colleges and Bangalore, Christ and Jain Universities.

**3<sup>rd</sup> September 2014**

**Inaugural Function:**

**Chief Guest:** Mr. Nanda Kumar IAS, Commissioner, Dept. of Collegiate Education, Govt. of Karnataka

**Guest of Honour:** Dr. N. Gopukumar, Dy. Sec. & Regional Head, UGC

**Key note speaker:** Dr. C. N. Manjunath, Director, Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore

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

**Invited speakers:**

- Dr. Govindraju, Associate Professor, Bioorganic Chemistry Laboratory, New Chemistry Unit, JNCASR, Bangalore. "Molecular Tools for Diagnostic and Therapeutic Applications in Alzheimer's Disease"
- Dr. Giri Rengaswami, Dean, Biosciences, Vinayaka Missions University, Chennai. "Recent Advances in Medicinal Chemistry"
- Dr. V. Balasubramanian, Vice-President, Bugworks Research India Pvt. Ltd., Bangalore "[Biology] x [Chemistry] = Medicinal Chemistry"
- Dr. Basappa, Assistant Professor, Dept. of Chemistry, Bangalore University. "Development of Synthetic-Heterocyclic Small-Molecules as Drug-Seeds to Prevent Cancer"

**Oral presentations:** 11 participants

**4<sup>th</sup> September 2014**

**Invited speakers:**

- Dr. Ganesh Samabasivam, Chief Scientific Officer and Co-Founder Anthem Biosciences Pvt. Ltd., Bangalore. “Antibacterial drug discovery: New developments in tetracycline antibiotics”
- Dr. Tushar Kanti Chakraborty, JC Bose Fellow and Professor, Department of Organic Chemistry, Indian Institute of Science. “How our strength in organic synthesis can facilitate new drug discovery in India”
- Dr. Shahadat Ahmed, Aurigene Discovery Technologies Ltd. “Role of Organic Chemistry in Drug Discovery”
- Prof., S. G. Tilve, Head of Department of Chemistry, Goa University. “Synthetic strategies towards biologically potent Indoloquinoline class of alkaloids”

**Panel discussion:** “Can Industry and Academia work together to make our graduates more employable: Perspective of the three stake holders, industry, teachers and students”

**Panelists:**

Dr. Ganesh Samabasivam

Dr. Shahadat Ahmed

Dr. Fr. Praveen Martis, Principal St. Joseph College for Arts and Science, Bangalore

Dr. Ramaiah, PG Coordinator, NMKRV College for Women, Bangalore

Student panelists: Ms. Sonali Singh and Ms. Maria Zipporha

Moderator: Dr. Giri Rengaswami

**Poster presentations:** 21 participants





