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Dr. T. Subbaiah, R&D advisor, K L U, A.P.  
Prof. K. Vijay Kumar, KLU, A.P.

### List of Speakers:

**Dr. Srinivas Pentyala**, Director of Translational Research & Associate Professor of Anesthesiology, SARAS Coordinator, NY, USA.  
**Prof. M. V. Basaveswara Rao**, Krishna University, A.P.  
**Prof. D. B. Ramachary**, UOH, Hyderabad.  
**Dr. B. Rajakumar**, IIT Madras, Chennai.

**Dr. Ramesh Gardas**, IIT Madras, Chennai.  
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**Dr. D. K. Mohapatra**, IICT, Hyderabad.  
**Dr. Riyaz Ahmed Dar**, University of Mumbai, Mumbai.

### Convener:

Prof. J. V. Shanmukha Kumar, HOD, Chemistry

### Co-Convener:

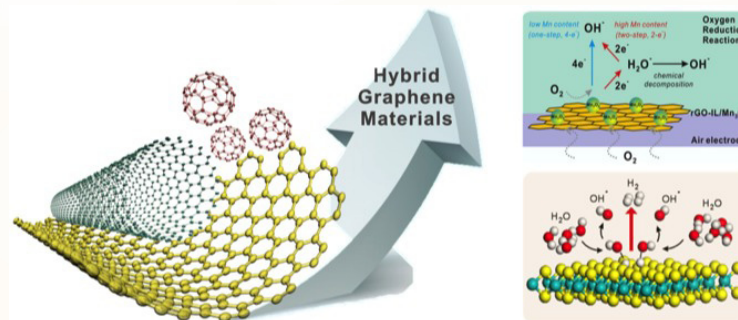
Prof. K. R. S. Prasad, Associate Dean, Students Affairs, K L University

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Dr. M. Venkateswara Rao  
Dr. M. Sujatha

### Address for Communication:

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# NCCBR 2016



## National Conference on New Challenges of Chemistry in Biomedical Research

8<sup>th</sup> & 9<sup>th</sup> January 2016

### Sponsored by:



### Organised by:





## About K L University

The K L University (KLU) is a prestigious university in the state of Andhra Pradesh operating with grade 'A' accorded by NAAC. KLU is situated in a spacious 100 acre campus abetting Buckingham Canal, Vijayawada, capital region of Andhra Pradesh. Built within a rural setting of lush green fields, the university is a virtual paradise of pristine nature and idyllic beauty. The campus has been aptly named "Green Fields" and the splendid avenue of trees and gardens bear testimony to the importance of ecology and environment. The campus ambience is most befitting for scholastic pursuits. The University is operating in a built up area of around 15,00,000 sft with architecturally splendid buildings, electronically operated class rooms and state of art labs equipped with latest equipment and software. KLU is the offspring of the K L college of Engineering which was ranked as the No.1 engineering college in the country with a score of 3.76 in a scale of 4 awarded by NAAC.

## About Department of Chemistry

Department of Chemistry is one of the vibrant departments of K L University with highly qualified and well experienced faculty whose areas of expertise and research include organic synthesis, Natural products, Medicinal Chemistry, Analytical, Bio Analytical, Inorganic, Physical, Environmental and Nanotechnology. The department has infrastructural facilities in terms of well equipped laboratories with modern instruments and well furnished and spacious class rooms to appease the requirement of undergraduate & postgraduate students apart from M.Phil and Ph.D students. Our Faculty members have received grants from DST and are working on many more.

## About the Conference

"Recently developed novel materials and methodologies" have reinforced the importance of chemistry towards biomedical research, including the structural and functional characterization of biomaterials; designing of biocompatible materials, diagnostic tools and nano-scale devices for the

human health care. The goal of this two day national conference on "New Challenges of Chemistry in Biomedical Research (NCCBR-2016)" shall provide broader scope towards better understanding of recent innovations in the field of biomedical research. In this context this conference promises to be a great opportunity to review and expand our knowledge in these important fields and will address the need for the exchange of scientific information among scientists, teachers, research scholars and students. In keeping with the research interests of the Department of Chemistry, K L University: NCCBR-2016 will provide an up-to-date on scientific and technical areas of Biomedical research. Original contributions in the form of oral/poster presentations are invited in the broad areas of Chemistry and its biomedical applications.

## Objectives

- ✱ To impart knowledge towards the **development** of novel bio materials and diagnostic tools for the societal needs.
- ✱ To give an opportunity to the participants for **exchange of new ideas** through invited talks by eminent scientists and academicians.
- ✱ To provide a platform for deliberations in interdisciplinary communications and intensify **collaborations** between scientists and industries.

## Thrust Areas:

- ✱ **Bio sensors** ✱ **Bio Materials** ✱ **Drug Delivery**
- ✱ **Bio Electro Chemistry** ✱ **Disease diagnosis**
- ✱ **Diagnostic Tools** ✱ **Molecular Modeling**
- ✱ **Bio Inorganic Chemistry** ✱ **Natural Products**
- ✱ **Analytical Techniques**

## 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:** Max 2 Pages, **Font Size:** 11 pt. **Poster Board:** 1x1 metre; posters should fit in this board. Please send the abstract to the convener on e-mail: [nccbr16@kluniversity.in](mailto:nccbr16@kluniversity.in)

## Important Dates

Submission of Abstract:	10-12-2015
Abstract acceptance:	27-12-2015
Registration fee on or before:	31-12-2015

## Registration fee

Participants from industry:	₹ 1500
Participants from University/ Colleges:	₹ 800
Research Scholars:	₹ 600
Students:	₹ 300

The registration fee of specified amount has to be paid in the form of either Demand Draft drawn in favor of The Registrar, K L University, or through online transfer to the Registrar, A/c No. 62310916292, payable at State Bank of Hyderabad, K L University Campus, Vaddeswaram Branch (IFSC Code: SBHY0021361) and transaction receipt has to be sent to the Convener, NCCBR-2016, [nccbr16@kluniversity.in](mailto:nccbr16@kluniversity.in) by 31<sup>st</sup> December 2015.

For all updates please visit our website [www.kluniversity.in/chemistry/](http://www.kluniversity.in/chemistry/)

Accommodation is available on campus or at guest houses and hotels nearby. On prior information organizing committee will assist.

