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Dr. K. L. Narayana, Dean (R&D), K L University

Convener:

Dr. K. Vijaya Kumar, Professor, Dept. of Physics, K L University

Co-Convener:

Dr. R. Balakrishnaiah, Dept. of Physics, K L University

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Prof. N. Venkatram, K L University
Dr. S. Venkateswarlu, K L University

Chief Guest:

Prof. Dr. V. Veeraiah, Vice Chancellor, Vikrama Simhapuri University, Nellore

Invited Speakers:

Dr. VRK Murthy, Dept. of Physics, IIT Madras
Dr. U. Kamachi Mudali, Head, Reprocessing Research & Development Division, IGCAR, Kalpakkam
Dr. T. Narasinga Rao, Scientist-G & Team Leader, Centre for Nanomaterials, ARCI, Hyd.
Dr. P. K. Jain, Scientist-F & Team Leader, Centre for Carbon Materials, ARCI, Hyd.
Prof. J. Lakshmana Rao (Retd), Dept. of Physics, SV University, Tirupati
Prof. O. M. Hussain, Dept. of Physics, SV University, Tirupati
Prof. G. Hiran Kumar, Solid State Ionics Laboratory, Dept. of Physics, PSN College of Engineering & Technology, Tirunelveli
Dr. Suresh Chand, Chief Scientist, Physics of Energy Harvesting Division, National Physical Laboratory, New Delhi
Dr. V. N. Mani, Scientist-E, Center for Materials for Electronics Technology, Hyd.

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A Two day National Conference on EMERGING TRENDS OF ADVANCED FUNCTIONAL MATERIALS (NCAFM-2015)

03rd & 04th September 2015



Organised by:

Department of Physics



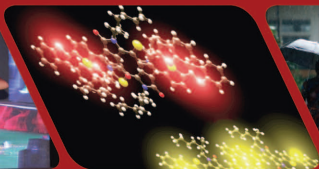
K L University
(Deemed to be University, Estd. u/s. 3 of UGC Act 1956)

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About K L University

K L University is one of the famous institutes in the country for its excellence in academics as well as research sectors, accredited as 'A' Grade with 3.16 CGPA on 4 point scale by the National Assessment and Accreditation Council (NAAC) of UGC and approved by MHRD & UGC (Under Section 3 of UGC act 1956). It is situated in a spacious campus on the banks of Buckingham Canal of river Krishna, eight kilometers from Vijayawada city in the state of Andhra Pradesh. The campus ambience is most befitting for scholastic pursuits.

About Department of Physics

The Department of Physics at K L University was established in 1980. The Department offers B.Tech Program under Choice Based Credit System besides M. Sc. and M. Tech programs. It also offers M. Phil. and Ph.D. Research Programs in Physics. It contains two active research groups, viz. Center for Nano-Technology (CNT) and Center for Emerging Materials (CEM). The ongoing thrust research interests of the faculty members at Department of Physics, K L University include Nanomaterials, Polymers, Phosphors, Glass Science & Technology, Thin Films, Solid State Ionics, Atmospheric Science and Liquid Crystals. The Department has undertaken many research projects funded by DST, DRDO and DBT.

About the Conference

The NCAFM-2015 aims to provide a common platform for budding researchers, young faculty members and students to interact with distinguished scientists across the country on topics related to a variety of bulk, micro and nano sized advanced functional materials that find promising applications in various technological developments and to inspire them to pursue research as a career in their lives and to provide chances for collaborations and interdisciplinary research environment among the faculty members.

Conference Topics

The partial list of interesting topics for the NCAFM-2015 include all areas of Materials Science and Engineering, Physics and Chemistry as given here under.

- Nanostructured Polymer Electrolytes for Energy Storage Device Applications
- Thin films and Nanotechnology
- Semiconductors and optoelectronic materials
- Renewable energy sources
- Glasses, Glass Ceramics & Phosphors
- Photonic materials
- Materials synthesis and characterization techniques
- Optical, structural, magnetic, electrical and spectroscopic characterization of materials
- Liquid Crystals
- Bio-materials
- Novel materials

Call for Abstracts

The NCAFM-2015 organizing committee cordially invites all the Faculty Members, Scientists and Research Scholars across the country who are engaged in the topics of research interests of the conference to submit their abstracts of research work for presentation at NCAFM-2015. The abstracts must contain a maximum of 150 words in A4 size sheet with 12pt font size (Times New Roman) and 1.5 line spacing (please see the conference website for template form of abstract) and it has to be sent to The Convener, NCAFM-2015, K L University by regular mail or can be sent by e-mail to ncafm15@gmail.com

Call for Submission of Full Length Papers

The authors of the accepted abstracts are encouraged to submit their full length papers also to the Convener by e-mail and will be processed for publication in a special issue of Scopus-indexed Elsevier Journal, **Materials Today: Proceedings**. The authors will

be separately instructed about the guidelines for preparation of the full length paper along with acceptance e-mail for their abstracts. Alternately, they can also go through the journal home page <http://www.materialstoday.com/proceedings/> for complete details of the journal.

Registration fee

Faculty, Scientists, Industrialists and Research Staff: **Rs. 1500/-**

Research Scholars : **Rs. 1000/-**

Accompanying Persons : **Rs. 1000/-**

Graduate Students : **Rs. 500/-**

The registration fee includes lunch and dinner on the 1st day, breakfast and lunch on the second day, High Tea and conference kit. 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 has to be sent to the Convener, NCAFM-2015 by 25th August 2015 along with registration form (template enclosed in the website) both in soft and hard copy.

Important Dates

Last date for submission of Abstracts: **15th August 2015**

Last Date for Early Registration: **25th August 2015**

Last date for requests for

Accommodation/Travel Assistance: **25th August 2015**

Last date for submission of full length paper: **31st August 2015**

Scheduled dates of the Conference: **03-04 Sept. 2015**

The detailed schedule of the event will be informed to the registered participants soon and will also be displayed on the conference website <https://sites.google.com/site/ncetafmklu2015/>

