



5<sup>th</sup> International conference on  
Recent Advances in Composite Materials

06<sup>th</sup> to 08<sup>th</sup> February 2017

Organized by

**K L University** - VIJAYAWADA

in Association with

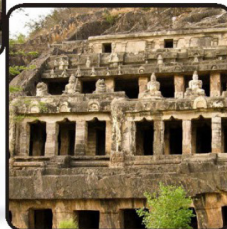
**Indian Institute of Technology, BHU,** VARANASI

## Conference Theme

Composite materials have unique advantage over monolithic materials, such as high strength, high stiffness, long fatigue life, low density, and adaptability to the intended function of the structure. Significant achievement has been made in the design/development and applications. Considerable innovative research is still continuing for the development of continuous fibre composites and particulate composites for critical applications. Structural requirements demand ultimate and reliable composite material performance to react to global static and dynamic external and component loads. ICRACM-2016 aims at bringing together academicians and researchers in various disciplines to share knowledge and exchange views, for useful industrial applications of composite materials. The conference will facilitate discussion on the latest trends in the entire gamut of composite materials. The deliberations will certainly be helping researchers for embarking upon newer aspects and development of various types of composites.

## The Venice of the East

Vijayawada, the Capital city of Andhra Pradesh, is aesthetically located on the banks of the River Krishna and is historically a cultural, political and educational center. The Krishna River, its tributary Budameru and three major canals make the city the Venice of the East. Vijayawada railway junction is one of the major links to other parts of India. The presiding deity goddess Kanaka Durga reigns supreme atop the Indrakiladri hills. Besides being rich in commercial and academic activities, the city is well connected by road and air too. Dr. K. L. Rao, a world renowned Civil Architect and many famous personalities in Literary, Art, Music and Cultural wings also hail from the city. Historically also, Vijayawada retains its fame and name. Victoria Jubilee Archaeological Museum, Undavalli Caves, Kondapalli Fort, Amaravathi, a famous Buddhist center, Kuchipudi, where this particular classical dance originated and Bhavani Islands amidst the Krishna, proudly speak many a laurels of Vijayawada. The climate in December is quite conducive for a pleasant stay.





## Call for Papers

The conference will be conducted in English and papers submitted must be in English. The papers submitted should not have been published elsewhere. Authors should clearly state the purpose, method and critical results of their work. The papers will be accepted based on the extended abstracts of not more than four A4 pages including figures and references. The abstract should include the title, name of the author(s) and affiliation, a concise statement of the problem, method of approach, salient results, conclusions and figures. Email ID of the corresponding author should be indicated. The conference proceedings will be published as a fully peer reviewed volume of *Advances in Composite Materials*. The papers without presentation / discussion in conference and registration fees will not be included in the conference proceedings. The guidelines to authors will be made available at [www.kluniversity.in](http://www.kluniversity.in)

## Conference Topics

The Conference will broadly cover the following topics, but not limited

- Polymer Composites
- Wood composites
- Metal matrix composites
- Ceramic composites and advanced ceramics
- Nanomaterials and Nano-Composites
- Biomaterials and Bio-Composites
- Recycling & repair technology in composites
- Composite materials & Environmental impacts
- Composite materials & Environmental benefits
- Recent developments in fibre and particulate composites for structural and tribological applications (Fracture, Fatigue, Impact, Wear & Friction, Environmental Studies)
- Critical issues in composites (Interfaces, processing applications and manufacturing)
- Testing & Quality control of composites
- Composites in intelligent and sustainable civil structure.
- Application of composites in low cost houses and bridges
- Composite Technology – Industrial Applications.

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**Programme Chairman :** Dr. B. Nageswara Rao

Professor & RPAC Chairman, Dept. of Mechanical Engg. KLU

**Organising Secretary :** Dr. K. L. Narayana

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**Convenor :** Dr. S.S. Rao

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**Co-Convenors :** Mr. K. Shyam Prasad

Dr. Thella Babu Rao

Assoc. Professors, Dept. of Mechanical Engg. KLU.

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Prof. P. Alessandro, Trento University, Trento, Italy



### Authors' Schedule

Submission of Abstract : 07<sup>th</sup> November, 2016  
Date of Acceptance : 28<sup>th</sup> November, 2016  
Submission of full length paper : 28<sup>th</sup> December, 2016  
Submission of Print - Ready paper : 16<sup>th</sup> January, 2017

### Registration fee Details

Foreign Delegate	Us \$ 500
Industries and R&D	₹ 5000
Academicians	₹ 2000
Research Scholars	₹ 1000

Filled in registration form along with DD in favour of "Registrar, K L University" payable at Vijayawada to be sent to the Organizing Secretary ICRCAM, K L University, Green fields, Vaddeswaram, Guntur district - 522 502.



06<sup>th</sup> to 08<sup>th</sup> February 2017

1. Name \_\_\_\_\_  
2. Designation \_\_\_\_\_  
3. Affiliation \_\_\_\_\_  
\_\_\_\_\_

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E-Mail: \_\_\_\_\_

4. Address for Correspondence \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. DD Details

DD No.: \_\_\_\_\_

Drawn on: \_\_\_\_\_ Date: \_\_\_\_\_

(For Accommodation and further details visit [www.kluniversity.in](http://www.kluniversity.in))

Signature of the Applicant



## About the K L University

K L University (KLU) is a pioneer in the field of engineering education and research in the state of Andhra Pradesh. Its knowledge base stems from the presence of highly qualified faculty with rich industrial, research and teaching experience. The university has been recognized as Public Funded Research Institute by DSIR, Government of India for its excellent research environment. It has bagged many awards, to name a few WCRC, Leaders of Excellence, Best Private University in South India, The Global Educational Excellence, Best Educational Institute in Engineering, Best Software Centre of Excellence(COE) from IBM, Best Private University in AP by Brands Academy, Top 10 Private Technical University in India, Top 5 Private Technical University in South India, No.1 Private Engineering college both in Telangana State (TS) and Andhra Pradesh (AP), Top 18 Engineering College in India.

## Contact Information

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