

## THEME OF THE PROGRAMME

The Programme is aimed at bringing together the scientific and technical community to share their knowledge in the field of contemporary advances in materials and manufacturing Processes. Eminent persons share their knowledge with the participants, which in turn are expected to promote research activities in advance materials and their processing techniques. The Programme is aimed to provide the participants a complete knowledge in the areas to be covered in the programme and make them instrumental in pursuing quality research. This shows the path to more number of researchers towards the scientific side and extending their findings towards the technical side. Technical talks will be given by eminent persons from IISc, IITs, NITs, DRDO, ISRO, Research Labs, Industries and state Universities.

## HIGHLIGHTS OF THE FDP

- Metallurgy, Material Science & Applications
- Synthesis of Composite Materials
- Nanomaterials and Nanotechnology
- Nanocoatings, Thin Films and Tool Coatings
- Smart materials, SMA and Crystalline Materials
- Characterization & Machining of Advanced Materials
- RAW, FSW and FSP
- Manufacturing Methods for Bio-medical Applications
- Materials and their applications in space devices
- Industry Oriented Manufacturing Methods
- Mathematical Modelling, Modelling & Simulation of manufacturing Processes
- Optimization Techniques
- Rapid Prototyping and its Applications
- Research Methodologies and thesis writing
- IPR and Patents, Entrepreneurship Development
- Hands on training of FRP composites, FSW, FSP & RP
- Finite Element Analysis of Welding and Metal Forming
- Nano-coolants in Machining Systems
- Nano-Metal Matrix Composites
- Hot Machining and its Performance

## ABOUT THE INSTITUTE

The University College of Engineering, Kakinada was established in the year 1946 in composite Madras state as a Government Engineering College and subsequently became one of the constituent colleges of Jawaharlal Nehru Technological University in the year 1972. From 2008, University College of Engineering has been the lead constituent college of the newly formed JNT University Kakinada.

Under the able and agile guidance of the honourable Vice-chancellor, Prof V S S Kumar, the university is bubbling with academic activities. Many academic activities like workshops, FDPs are taking shape due to the Vice-chancellor dynamism. This FDP is being conducted under AICTE Grant to generate interest and enthusiasm and enrich the knowledge among faculty of Engineering Colleges and Engineers from Industry in the emerging areas of materials and their processes. JNT University College of Engineering Kakinada is known for its quality of engineering education. Many alumni of this institution have occupied key positions in Nation Building.

The Alumni of this college have risen to prime positions both in India and abroad. The port city Kakinada is well connected by road and rail and is a hub of local industrial activity. The Department of Mechanical Engineering has a good academic reputation and offers several Post-Graduate and PhD programs. The Department has well qualified experienced and dynamic faculty along with skilled technical supporting staff who spearhead the process of achieving the vision of the department.

## INVITED SPEAKERS

1. Dr. U Ramamurthy, Professor, IISc, Bengaluru
2. Dr. K Ramji, Professor, AU, VSP
3. Dr. N B R Mohan Rao, Professor, AU, VSP
4. Dr. D Ravi Kumar, VNIT, Nagpur
5. Dr. P Ramesh Babu, Professor, OU, HYD
6. Dr. B Ratna Suneel, IIIT, RGKUT, Nuziveedu
7. Dr. A Gopala Krishna, Professor, JNTUK Kakinada
8. Dr. D Lingaraju, JNTUK Kakinada
9. Dr. P Dakshina Murthy, Professor, JNTUK Kakinada
10. Dr. GVSR Deekshitulu, Professor, JNTUK Kakinada
11. Dr. Ch Kiran Kumar, Inspiring Faculty, JNTUK Kakinada
12. Dr. P Vamsi Krishna, NITW, Warangal
13. Er. Shaik Mohammed Ghouse, GM,  
Sri Lalitha Group of Industries Pvt. Ltd., Kakinada
14. Dr. G Tirumala Rao, Scientist (Rtd.), ISRO
15. Dr. K B V N Phanindra, IITH, Hyderabad
16. Dr. S Shambu Prasad, Principal, PEC, Kakinada
17. Dr. D Ravindranath, Professor, JNTU Kakinada
18. Dr. P V S Ganesh Kumar, Associate Director, NSTL, VSP
19. Er. M Janardhana Babu, Scientist-E, DRDL, HYD
20. Dr. G Swami Naidu, Professor, UCEV, JNTUK Kakinada
21. Dr. D Nageswara Rao, Former VC, CUTM, Odisha

## REGISTRATION FORM



A Two Week Faculty  
Development Programme on

“CONTEMPORARY ADVANCES  
IN MATERIALS & MANUFACTURING  
ENGINEERING (CAMME – 2017)”

30<sup>th</sup> October - 10<sup>th</sup> November, 2017

FUNDED BY



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Signature of  
Head of the Department/Institute