

ORGANIZING COMMITTEE

Chief Patron:

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamigalavaru
President, JSS Mahavidyapeetha, Mysuru

Patrons:

Prof. Vinay Kumar Pathak, Vice chancellor, AKTU, Lucknow
Dr. C.G Betsurmath, Executive Secretary, JSSMVP, Mysuru
Prof. M.H. Dhananjaya, Adviser, JSSMVP, Mysuru
Dr. C. Ranganathaiah, Director (A&A), Technical Edu. Div. JSSMVP, Mysuru
Dr. B.G. Sangameswara, Vice Chancellor JSS&T University, Mysuru

General Chair:

Prof. H.K. Paliwal, Dean of faculty, AKTU, Lucknow.
Dr. Karm Veer Arya, Dean (PG), AKTU Lucknow,
Prof. S.N Srivastava MD, Unified Cloud, Pvt. Ltd., Noida.
Mr. Saurab Vagchi, TATA Power Solar System, Noida.
Prof. J.P. Pandey, Director, KNIT, Sultanpur.

Program Chair:

Prof. G.M Patil, Principal, JSSATE, Noida.

Program Co-Chair

Prof. T.G. Mamatha, HoD (ME)

Program Coordinator:

Dr. Rajesha S., Professor,
Department of Mechanical Engineering, JSSATE, Noida

Departmental Organizing Committee:

Dr. Ramesha SP, Associate Professor, JSSATE, Noida,
Dr. Navneeth Kumar Panday, Associate Professor, JSSATE, Noida,
Mr. Veerendra Kumar, Assistant Professor, JSSATE, Noida.
Mr. Nitin Kumar Chauhan, Assistant Professor, JSSATE, Noida.
Ms. Priyanka Singh, Assistant Professor, JSSATE, Noida.

REGISTRATION DETAILS

Those willing to attend this FDP should send filled registration form to anveerendrakumar@jssaten.ac.in, and may contact Mr. AN Veerendra Kumar (9868587801) for further details. Registration is free and will be on a first-come-first-served basis. Confirmation of registration will be informed by email. Accommodation and TA/DA will not be provided.

LAST DATE OF REGISTRATION :

20th April 2018



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA



FACULTY DEVELOPMENT PROGRAMME

On

MANUFACTURING WORLD AND ITS FUTURE

23rd April - 28th April, 2018



Sponsored by

DR.APJ ABDUL KALAM TECHNICAL UNIVERSITY,
LUCKNOW.

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING
JSS ACADEMY OF TECHNICAL EDUCATION

C-20/1, Sector 62, Noida.

Ph: +91-0120-2400115 www.jssaten.ac.in



ABOUT THE COLLEGE

JSS Academy of Technical Education Noida (JSSATEN) is one of the leading Technical Institutions in the National Capital Region in the State of Uttar Pradesh. Established in the year 1998 by JSS Mahavidyapeetha, Noida, the Institution has set benchmarks every year, and grown into an Institution of Excellence in Technical Education. Located in the central part of NOIDA, JSSATEN has become a household name for its excellence in Discipline, Teaching, Training and Placement. The Institution has MOUs with Colorado Heights University, Denver, USA for student exchange program. IBM Centre of Excellence, Texas Instruments Centre of Excellence, Nokia Mobile Innovation Labs, e-Yantra - Embedded & Robotics Lab funded by MHRD under NMEICT, PLMCC, Schneider Electric Substation Automation Labs and Centre for Innovation & Design are additional facilities for the students to innovate new ideas. JSSATEN is proud to mention that it has created necessary manpower and infrastructure to implement **Outcome Based Education** from the year 2014-15. Today, JSSATEN has total student strength of over 4000, who are mentored by more than 250 Faculty Members. The Campus has finest accommodation for girls and boys. <http://jssaten.ac.in/>

ABOUT THE DEPARTMENT

Mechanical Engineering Department, established in 1998, is one of the oldest and biggest departments of the institute with student strength of about 860 and faculty strength of 42. The Department currently runs Under Graduate program B. Tech. Mechanical Engineering and Post Graduate Program in Production Engineering. Well balanced academics and industrial experience faculty members and well equipped laboratory, expose students to correlate theoretical concept in the practical work. B. Tech programme of Mechanical Engineering is practicing outcome based education and accredited for three years by NBA from 1st July 2015. Department has been identified as a research Centre in the field of Mechanical Engineering for the Dr. AKTU Lucknow. The faculty members and students are actively involved in state of the art research work, which reflects good number of publications in International/ National Journals and Conferences. The department is always motivating students to participate in the various technical activities held outside the institute to develop their dynamic personality and leadership quality. The students of the department excel in university exam and achieved top position at University level. <http://jssaten.ac.in/Academics/ME/>

AIM AND SCOPE OF THE FDP

This Faculty Development Program is focused to discuss state-of-the-art technology and emerging techniques in modern manufacturing which are closely related to the advancement in materials. The advance materials are currently being used in many sectors ranging from automobile to biomedical applications. These applications require high precision and better surface integrity components. Application of new techniques in manufacturing process shall enhance the process capability, precision and surface integrity, thereby becoming and interesting research area for many budding scientists. This workshop will provide an opportunity to academicians, young scientist, budding technologists and entrepreneurs in these fields to enrich their knowledge by interacting with experts from pioneer organization and industries.

COURSE CONTENTS

- Advance manufacturing
- Hybrid manufacturing
- Trends in Additive manufacturing
- Computer integrated manufacturing
- New manufacturing approaches and industrial automation
- Advanced materials and Nano-Technology
- Biomaterials
- Nano Composite materials and SMCs
- Material characterizations
- Green materials and Manufacturing
- Maintenance and Material Handling
- Modern tools for Manufacturing

RESOURCE PERSONS

Eminent Professors and senior faculty members from IITs, NITs, Reputed University, as well as experts from industries and research centers will be engaging sessions during the workshop.

PARTICIPANTS

Faculty members of Engineering Colleges affiliated to AKTU and other Universities.

Research scholars & PG students pursuing research / project work in this field.



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REGISTRATION FORM

Name:

Designation:

Department:.....

Institution / Organization.....

Area of Specialization:

Academic Qualification:.....

Address :.....

.....

E-mail:

Contact No.:

NO Registration Fee

Declaration

**The above information furnished is correct to the best of my knowledge
and belief.**

Signature of Applicant

Signature of HOD

Sign. & Signature of Principal / Director