

Short Term Training Course (STTC)

on

**Advances Manufacturing
and**

Materials

(AMM - 2020)

16th March – 21st March 2020

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Field of specialization:

Correspondence Address:

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Tel. (O/R)

(M)

E-Mail:

Experience (in Year):

Teaching:..... Industry:.....

Accommodation Required: Yes / No

Date: Place:

Signature of candidate.....

Signature of Supervisor/HoD/Principal/Director

ORGANIZING COMMITTEE

Chief Patron:

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

Patron:

Prof. Anil Dattatraya Sahasrabudhe, Chairman, AICTE, New Delhi
Prof. Vinay Kumar Pathak, Vice Chancellor, AKTU, Lucknow
Dr.C.G Betsurmth, Executive Secretary, JSSMVP, Mysuru
Prof. M.H. Dhananjaya, Adviser, JSSMVP, Mysuru
Dr. C. Ranganathaiah, Director (A&A), Technical Edu. Div.
JSSMVP, Mysuru

Mentor:

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

Program Coordinator:

Dr.T G Mamatha, Professor and HoD (ME)
Department of Mechanical Engineering, JSSATE, Noida

Departmental Organizing Committee:

Mr. Veerendra Kumar A N, Assistant Professor,
Mr. M Nagaraj, Assistant Professor,
Mr. Vikas Kumar Singla, Assistant Professor
Mrs. Priyanka Singh, Assistant Professor
Mr. Mohit Vishnoi, Assistant Professor



REGISTRATION DETAILS

There is no registration fee for the eligible forty teaching staff of the AICTE approved institutes. For confirmation participants should send the filled registration form to nkpandey@jssaten.ac.in, and for further enquiry, please contact Dr. Navneet Kumar Pandey (9871177812).

Accommodation will be provided at free of cost in college hostels on request. TA to outstation participants as per AICTE norms.

A test will be conducted in the last session and the certificate will be issued to only those participants who attend the programme and qualify the test. The certificate shall be useful in AICTE approved colleges.



JSS MAHAVIDYAPEETHA
**JSS ACADEMY OF
TECHNICAL EDUCATION,
NOIDA**

**AICTE Sponsored One Week
Short Term Training Programme
On
Advance Manufacturing
and Materials
(AMM - 2020)**

16th March - 21st March 2020



Organized by

DEPARTMENT OF MECHANICAL ENGINEERING
(Accredited by National Board of Accreditation)



JSS ACADEMY OF TECHNICAL EDUCATION

C-20/1, Sector 62, Noida.

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

Last date for registration: 5th March, 2020 (by 4pm).

About JSS Mahavidyapeetha

JSS Mahavidyapeetha was established in the year 1954. The JSS Mahavidyapeetha has been described by many eminent educationists as greater than a University, because under its aegis a child can begin its education in the kindergarten and proceed to earn a degree as well as a doctorate in several branches of learning. Simultaneously the Mahavidyapeetha has not neglected to strengthen the roots of our ancient knowledge, wisdom and culture and their application in the day-to-day life. Sanskrit Pathshalas, Yoga Kendras, Spiritual Retreats, Gurukulas, Art and Cultural forums are doing this work. Today the Mahavidyapeetha has grown into a center of learning that guides more than 350 institutions spread throughout Karnataka, neighboring Tamil Nadu, Uttar Pradesh and New Delhi; and outside India including USA, Mauritius and Dubai. Every year thousands of aspirants of education and knowledge join the fold of the Mahavidyapeetha. Distinguished national leaders including the first President of India, Dr. Babu Rajendra Prasad, the former President Dr. A P J Abdul Kalam, Former Prime Minister Sri Atal Behari Vajpayee have visited JSS and paid rich tribute to services rendered by the Mahavidyapeetha.

About JSS Academy of Technical Education, Noida

JSS Academy of Technical Education, Noida (JSSATEN) is one of the leading Technical Institutions in the NCR in the State of Uttar Pradesh. Established in the year 1998 by JSS Mahavidyapeetha, Mysuru, the Institution has set benchmarks every year, and grown into an Institution of Excellence in Technical Education. 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 an initiative of IIT Bombay funded by MHRD under NMEICT, PLMCC, Schneider Electric Substation Automation Labs, Emerson Innovation Center 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 246 Faculty Members. The Campus has the finest accommodation for girls and boys.

Recently, the Institute has been engaged in various Government of India flagship programmes such as Digital India Initiatives Promotion Schemes, Swachh Bharat Abhiyan, Swachh Bharat Summer Internship (SBSI), PradhanMantri Kaushal Vikas Yojana (PMKVY), Unnat Bharat Abhiyan and many more towards the upliftment of the community as a part of its Institutional Social Responsibility (ISR). The Institute, further aim to intensify its efforts to play active role in extending Government of India flagship programmes and its own initiatives to contribute in community building and skill development through its social outreach programmes.

VISION OF INSTITUTE

“JSS Academy of Technical Education Noida aims to become an Institution of excellence in imparting quality Outcome Based Education that empowers the young generation with knowledge, Skills, Research, Aptitude and Ethical values to solve Contemporary Challenging Problems.”

MISSION OF INSTITUTE

1. Develop a platform for achieving globally acceptable level of intellectual acumen and technological competence.
2. Create an inspiring ambience that raises the motivation level for conducting quality research.
3. Provide an environment for acquiring ethical values and positive attitude.

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 800 and faculty strength of 35. The Department currently runs Under Graduate program B.Tech. Mechanical Engineering and Post Graduate Program in Mechanical System Engineering. Well balanced academics and industrial experience faculty members and well equipped laboratory, expose the students to correlate theoretical concept in the practical work. B.Tech programme of Mechanical Engineering is practicing outcome based education and accredited by NBA from 1st July 2015 to 30th June 2021. 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 various technical activities held National and International level 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/>

VISION OF DEPARTMENT

To be centre of excellence in academics, research and innovation, in the field of Mechanical Engineering to occupy positions of eminence in diverse fields of society.

MISSION OF DEPARTMENT

1. To foster competence and excellence in academic and research in Mechanical Engineering to cater the needs of the modern industries.
2. Constantly improving pedagogical methods and cultivate the spirit of lifelong learning.

TARGETED PARTICIPANTS

Regular teaching staff (Faculty) from various AICTE approved Engineering College/Institutions and industrious engineers of Govt./Private sectors are eligible to attend the programme.

NUMBER OF PARTICIPANTS

Number of participants is limited for this STTC. Application will be accepted on *first-cum-first serve basis*.

Topics to be Covered

- Advance Materials
- Advances in Manufacturing
- Additive Manufacturing
- Material characterization techniques
- Surface Engineering
- Industrial Practices in manufacturing

OBJECTIVE OF FDP

The multiple roles faculty play requires skills in research, teaching, and service. This requires faculty members to: learn new technologies, deal with societal demands for accountability, balance the tripartite workload of faculty, and understand the changing job market. The main objectives of the Short term training Program is to make acquainted the faculty members with various advanced manufacturing processes, techniques and the applications. The members will be able to gain state of the art knowledge in advance materials and manufacturing processes as well as the characterization of materials. Through this Program the participants are also given hands on experience on Advance Manufacturing processes.

EXPECTED OUTCOME OF PROGRAM

The STTP is designed to:

- Bringing together the experts from Industry, academia and other organizations involved in this field.
- Acquire the knowledge about the current technological developments in Manufacturing and Materials.
- Provide theoretical and hands-on sessions to faculty members to understand & share recent trends in Advanced Manufacturing in an effective way.

RESOURCE PERSONS

Eminent Professors from IITs, NITs, Reputed University, as well as experts, scientist from highly admired industries and research centers will be engaging sessions during STTP and also deliver practical hands on experience during lab sessions.