

ABOUT FET JU

The Faculty of Engineering and Technology (FET), Jain (Deemed-to-be University), is a highly renowned Engineering Institution located in Bangalore. FET was established in 2005. FET offers 7 undergraduate and 9 post graduate Programs offered by highly qualified and experienced faculty. Our 2500 strong students community is drawn from length and breadth of India as well as abroad. FET actively collaborates with eminent industrial enterprises as well as research organizations such as ISRO, Infosys, Cognizant, HAL in undertaking research and academic activities.

FET has realized that education can go beyond the conventional boundaries. Remarkable facilities and diverse co-curricular activities serve these educational purposes. Our well maintained campus provides a sense of persistent vision, stability and management. Besides classroom teaching, FET emphasizes on intensive interactions between students and mentors. It also provides state-of-the-art infrastructure facilities.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in year 2005 and offers Undergraduate (B.Tech), Postgraduate (M.Tech) and Doctoral (Ph.D) programs in Mechanical Engineering, all the programs are approved by AICTE. The department is keeping abreast itself of global advancements and fosters continuous learning and research by nurturing innovation and a state-of-the-art learning environment to meet the global challenges. The department has state of art of laboratory facilities to train and promote our students at different levels to achieve excellence in the field of Mechanical Engineering through quality academic inputs, continuous monitoring, innovation, real world test case scenarios and teamwork. The Department has grown up systematically to promote and maintain research & professional excellence in technical education and services to meet the expectations of industry, business, service sector and society at a large scale. It has well qualified, experienced, and committed faculty members with the mixture of both academia and industry to provide quality industry tuned education to the students. Faculty members are contributing to make department vibrant and striving hard to achieve excellence in academics and research through continuous up gradation and actively involved in the Research activities, publishing papers in peer reviewed International or National Journals and conferences.

OBJECTIVE OF THE PROGRAMME

The requirements of excellent quality at the lowest price necessitate that Manufacturing Engineers adopt the cutting-edge technology. Participants will be introduced to the various developments in different areas of manufacturing, machining and optimization techniques.

The major aims of this programme are:

- To create awareness about recent advancements in the area of manufacturing engineering.
- To highlight the research domains and promote further research in manufacturing and machining processes
- To familiarize the participants with the latest tools and techniques in soft computing.
- To introduce about application of quantum dots and crystallography studies in manufacturing.

COURSE CONTENT

- Current trends in manufacturing process
- Advances in laser forming
- Recent advances in friction stir welding and joining of dissimilar metals
- Green technology for drilling process
- EDM strategy in precision manufacturing system
- Application of Quantum dots and Crystallography study
- Optimization techniques for machining parameters

WHO CAN ATTEND

Engineers from Industry / Faculties / Research Scholars/ Post Doctoral Fellows with specialization in any engineering stream having interest in manufacturing related domains are eligible to apply.

REGISTRATION

- Participants need to register with the following link on or before 21.05.2021.
<https://forms.gle/HmFrFB7thwYcjJ7U9>
- **Registration is absolutely free**



DEPARTMENT OF MECHANICAL ENGINEERING

Organizing

Six days online

Faculty Development Programme

on

ADVANCES IN MACHINING, MANUFACTURING AND COMPUTING PROCESSES

24-29 MAY 2021



Faculty of Engineering and Technology,

Jain (Deemed-to-be University)

Jakkasandra Post, Kanakapura Taluk,

Ramanagara District-562112

Ph: +91 80 27577231 / 232

Fax: +91 80 27577233

CHIEF PATRONS

Dr. Chenraj Roychand

Chancellor, JAIN (Deemed-to-be University)
and Founder – Chairman, JAIN Group

Mr. Ravindra Bhandary

Vice President, JGI

PATRONS

Col (Hony.) Dr. N Sundararajan

Pro Chancellor, JAIN (Deemed-to-be University)

Dr. Raj Singh

Vice Chancellor, JAIN (Deemed-to-be University)

ADVISORY COMMITTEE

Dr. Easwaran Iyer

Pro Vice Chancellor, JAIN (Deemed-to-be Univ.)

Dr. N.V.H. Krishnan

Registrar, JAIN (Deemed-to-be University)

Prof. Sridhara Murthy

Director -Academics and Planning, JAIN

Dr. S.A. Hariprasad

Director, FET, JAIN (Deemed-to-be University)

CONVENER

Dr. Adarsha H

HOD, MECH, JAIN (Deemed-to-be University)

COORDINATORS

Dr. Venkadeshwaran K,

Associate Professor, Mechanical Engineering

Dr. Beemkumar N

Associate Professor, Mechanical Engineering

Dr. Aravindan M K

Associate Professor, Mechanical Engineering

Dr. Pranil Vijay Sawalakhe

Associate Professor, Mechanical Engineering

CONTACT

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IMPORTANT DATES

Last Date for Registration : 21.05.2021

Intimation about the Schedule: 22.05.2021

FDP date : 24-29 May 2021

CERTIFICATION

Certificate of participation will be given only
when you fulfill the following criteria:

- ♦ Minimum 80% attendance in all sessions and minimum 60% marks in the final test.



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