



*Odd Semester: August- November 2022*

*website: [jyothyit.ac.in](http://jyothyit.ac.in)*

JYOTHY INSTITUTE OF TECHNOLOGY

# MECHYANTHRA

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**JYOTHY INSTITUTE OF TECHNOLOGY**

**MECHYANTHRA**

## **VISION OF THE DEPARTMENT**

To achieve excellence in Mechanical Engineering Education, Innovation,  
Research and Entrepreneurship

## **MISSION OF THE DEPARTMENT**

- M1. To provide an intellectually vibrant teaching learning environment
- M2. To inculcate in students a culture of Research and Innovation in  
Engineering
- M3. To produce future Entrepreneurs and Leaders with Technological  
Patriotism



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## JYOTHY INSTITUTE OF TECHNOLOGY

# MECHYANTHRA

Jyothy Institute of Technology (JIT), managed by Jyothy Charitable Trust®, was started in the year 2011 with a mission to provide education in new frontiers of technology and their applications. The Trust was established by its Honorable President, Dr. B. N. V. Subrahmanya, a Karnataka Rajyotsava and Nada Prabhu Kempegowada Awardee, an industrialist and a social worker of repute.

The institution is ideally located 1km off Kanakapura Road, at Tataguni, about 3 km from NICE Road. It is spread over 10 acres with lot of greenery all around. It is built aesthetically and architecturally to meet all functional needs of class rooms while meeting all AICTE guidelines.

JIT offers internships to students of all branches to enhance strong industry-institute relationship. This provides them an invaluable opportunity to understand and implement industry standards and requirements. They are exposed to and get the chance to view, learn and imbibe new technologies and keep pace with current technological trends. The internships also help students to be industry ready as soon as they graduate.

CIIRC® (Centre for Incubation, Innovation, Research and Consultancy), the research arm of JIT, has emerged with a promise of ushering a new philosophy by bringing for the first time on the same platform diverse components of science, engineering, business orientation and skill development with emphasis on innovation, incubation and research leading to successful entrepreneurship. Complete understanding of all these three aspects thus forms the core of academic & research erudition at CIIRC®, JIT.



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## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering is functioning since inception of the college in the year 2011 with an annual intake of 60. It consists of highly dedicated, well qualified and competent faculty members active in teaching, research and building quality profile of students. Most of the faculty members are from reputed academic institutions with research and industry background contributing to implementation of industry oriented education to students. The department has laboratories as per University norms for hands-on training and is also into research in different vistas of mechanical engineering, showcasing the ability through quality publications jointly with the students & research scholars. All labs are developed taking into consideration the needs of academia and industry. Huge investment of over one crore is spent in establishing high profile labs.

The department is accredited by the NBA and is recognized nationally as one of the youngest department of the institute to be recognized by National Board of Accreditation (NBA for 3 years in 2018). Also, the department is a recognized R&D center by VTU, Belagavi. It has funded projects from national funding bodies contributing to significant improvements in the learning environment.

The Department has been arranging purposeful internships to students in various reputed industries and research organizations to enhance knowledge of applied/ advanced technology. The department has several MOUs with various industries ranging from technical training establishments to manufacturing industries for transfer of knowledge. The department is a membership of professional bodies such as SAE, ISTE, etc. through student chapters in the campus bridging the gap between industry and academia. It has a student forum, "MECHISTA", under which various technical and societal activities are conducted on a regular basis, where students are trained and supported for technical competitions like SAE AERO, SAE BAJA, etc. In a nutshell, the department regularly conducts events such as internship programs, technical talks



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### **From the HOD'S Desk**

*Greetings to faculty and students!*

I am delighted to release the even semester newsletter of Mechanical Engineering Department for the Academic Year 2021 -22. Accreditation by National Board of Accreditation for three years, beginning 2018, has been an important milestone achieved by the department.

The department of mechanical engineering, with an intake of 60 students, consists of highly dedicated, well qualified and competent faculty members engaged in active learning, R&D, and building the output quality of its graduating students. Most of the faculty are from reputed academic institutions with sound research and industry background, contributing to the implementation of industry-oriented learning. Their research work, executed with contributions from select students and research scholars, is published in some of the prestigious



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journals in India and abroad. All laboratories are modernized to keep pace with the times. The department is accredited by the NBA until the year 2021-22.

Being a recognized R&D center by VTU, Belagavi, the department offers a master's program in product design and manufacturing and a doctoral program in mechanical engineering and sciences. It currently has several projects funded by national funding bodies contributing to significant improvements in the learning environment with interested students getting the unique opportunity to take on work on such real-time projects. The magazine provides students with a platform to express and exhibit their skills and talent. On this occasion, it is my pleasure to present the department to the avid readers. The department strongly encourages students to participate in SAE Aero international competition in the USA and the National Eco-Kart event in India. It supports both students and faculty by periodically sponsoring them to relevant seminars, symposia, workshops, industrial visits, industrial training and technical talks as an integral part of the program.



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## ACTIVITIES

Mr. Aditya R a student of MTech was selected for Seminar / Exhibition in the 45<sup>th</sup> series of Karnataka State Council for Science and Technology (SPP) for the project titled DESIGN AND DEVELOPMENT OF POLYMER BASED CONDUCTIVE BI-POLAR PLATES FOR ELECTROCHEMICAL ENERGY STORAGE DEVICE held on 12-13<sup>th</sup> August, 2022 at VTU, Belagavi.





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