

## Industrial Robotics & Automation and its Future opportunities

Seminar on Industrial Robotics & Automation, we've learned that these technologies promise to revolutionize industries by enhancing efficiency, safety, and quality. The future is brimming with opportunities for innovation and growth in automation-driven sectors.



### Expert Session on "Industry 4.0"

The expert talk on Industry 4.0 provides an in-depth understanding of the fourth industrial revolution, its key technologies, and their impact on manufacturing.



### Expert Lecture on "Machinery Vibration Analysis and its Maintenance"

We had conducted the expert lecture to provide students with in-depth knowledge and practical understanding of vibration analysis techniques and their application in machinery maintenance.



## Field / Exposure Visit to Oberoi Centre for Excellence for Robotics.

Gain expertise from robotics experts, paving the way for future studies in mechanical engineering, including robotics and automation. Enhance skills to manage intelligent machines in the smart world and within robotics and automation.

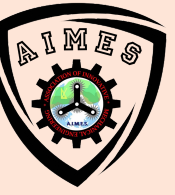


## Visit to Shanti Bhavan (Old Age Home)

AIMES organized a visit to Shanti bhavan, where 15 students, along with teachers, selflessly spend quality time with the residents, engage in interactive sessions, and organize recreational activities to bring joy and happiness to their lives. Furthermore, we made a donation to Shanti Bhavan to support their ongoing efforts.



**S.B. Jain Institute**  
of Technology, Management & Research  
**An Autonomous Institute**  
Affiliated to R. T. M. Nagpur University



2022-2023 (EVEN)

## Newsletter

### Department Vision:

Emerge as an excellent centre for Mechanical Engineering education.

### Department Mission:

DM1: To ensure quality teaching-learning process and infrastructure for developing competent professionals.

DM2: To impart the skills of teamwork, leadership, communication and inculcate ethical values.

DM3: To establish linkages with industry so as to understand the contemporary practices in the field of Mechanical Engineering.

### Program Educational Objectives (PEOs):

PEO1: Demonstrate excellence in profession or pursue higher education.

PEO2: Develop skills to excel in innovation through out-of-the-box thinking to create advanced Mechanical Systems.

PEO3: Apply skills to enhance participation in professional and societal activities.



PRESIDENT  
MR. VINIT GEDAM

EDITOR  
MR. NINAD MANEKAR

HEAD OF DEPARTMENT  
MR. AMIT TAJNE

FORUM IN-CHARGE  
MR. SARVESH BIYANI



## Box Cricket Tournament

The Purpose of this activity is to use, maintain, or improve physical ability and skills while providing enjoyment to participants and, in some cases, entertainment to spectators.



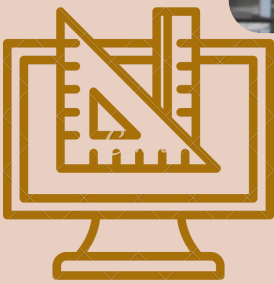
## CAD Competition

The event aimed to promote interest and excellence in CAD design and programming, while also providing an opportunity for participants to learn from each other and exchange ideas.



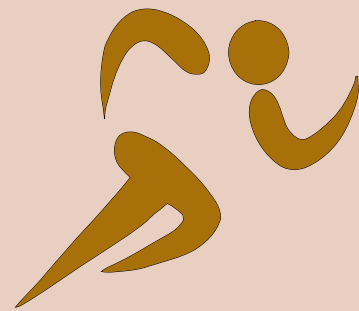
## Blood Donatation

The objective of blood donation is to save lives and improve the health of individuals in need. By donating blood, individuals contribute to the replenishment of blood supplies for medical treatments, emergencies, and surgeries.



## Takeshi's Castle

The "Takeshi Castle" event at Technotsav aimed to foster physical activity, teamwork, and camaraderie among students, providing a fun break from technical aspects.



## Motivational Talk on "Walking the path of successes – Entrepreneurship way"

The main goal of the session is to introduce students to alternative career paths like entrepreneurship. They will learn how to become successful entrepreneurs, develop the necessary mindset, plan for a startup, utilize college resources, and access government and other agency support.



## Expert Lecture on "Enhancing IT Skills for fourth semester Mechanical Engineering students"

To incorporate IT skills into the academic and professional journey as a Mechanical Engineering student which will be an added competitive advantage in order to expand career opportunities in today's data-centric world.



## TRADITIONAL DAY



This event was conducted to celebrate traditional day was to represent different cultures of the India. The effort was taken to remember our culture and celebrate the event with great enthusiasm and gusto.



## Sports Day

The objective was to raise awareness about the values of sport: discipline, perseverance, team spirit and teamwork, and to encourage public in large to take up sports and make it an integral part of their lives.



## Expert Lecture on "Industry enhancing IT Skills for Mechanical Engineering students"

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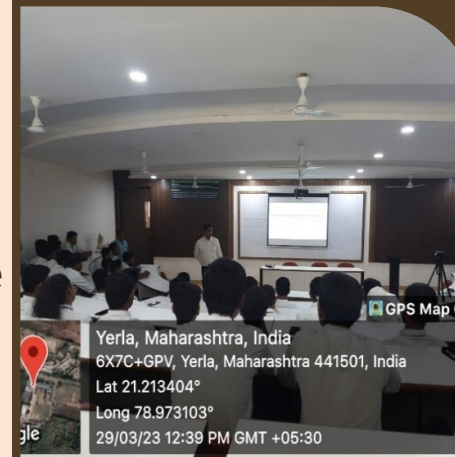
## Expert session on Yoga and Meditation

This session on Yoga and Meditation is to provide individuals with an opportunity to learn, practice, and experience the principles and techniques of yoga and meditation.



## Seminar on Career counselling and CV building

The purpose of this course was to guide students about the career counselling and student should be able to develop an impressive CVs.



## Expert Session on "Motivational Talk by Successful Entrepreneur"

The objective of the program was to make students aware about essential requirements and preparations that should be made in order to start his/her own startup or business venture and develop the ability to become successful entrepreneur.

