



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

(UGC Autonomous)

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Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana – 500075



Date: 19/02/2026

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON

Expert Lecture

on

“Ethical Orientation for Academic Excellence and Career Development in Mechanical Engineering”

1. Event Title: Expert Lecture on “Ethical Orientation for Academic Excellence and Career Development in Mechanical Engineering”.

2. Event Date: 19th February 2026

3. Event Duration: 01:00 PM onwards

4. Event Venue: 1st Year Mechanical Engineering Classroom, JBIET

5. Resource Persons:

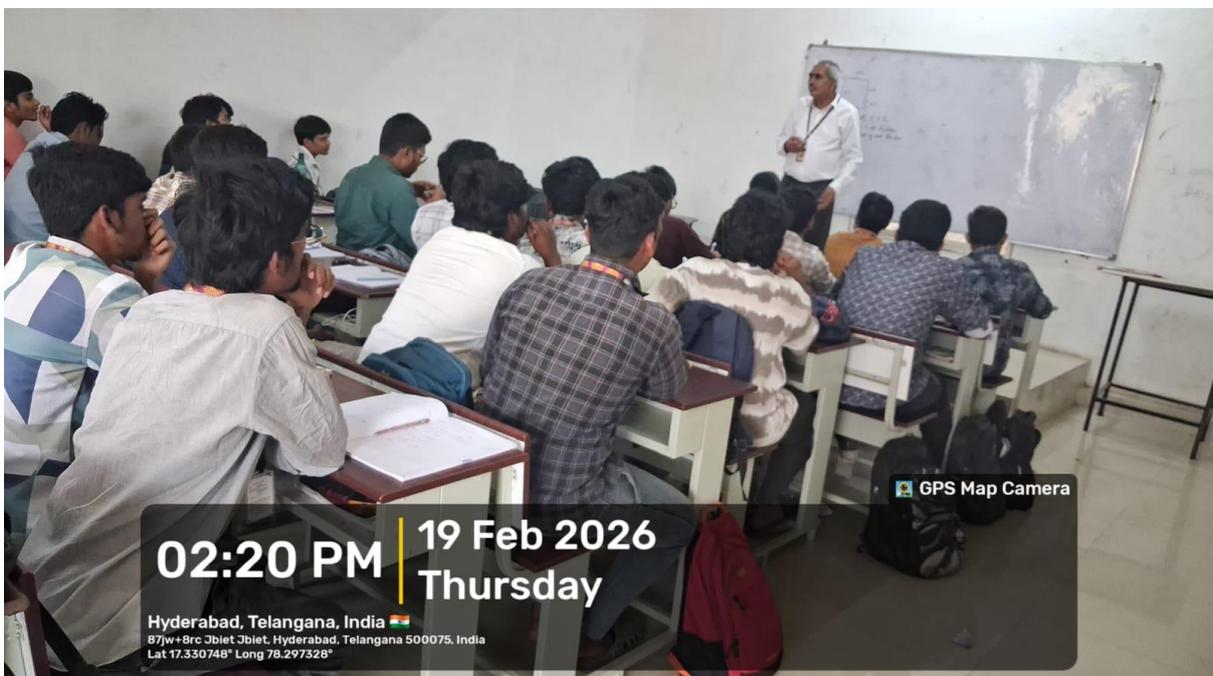
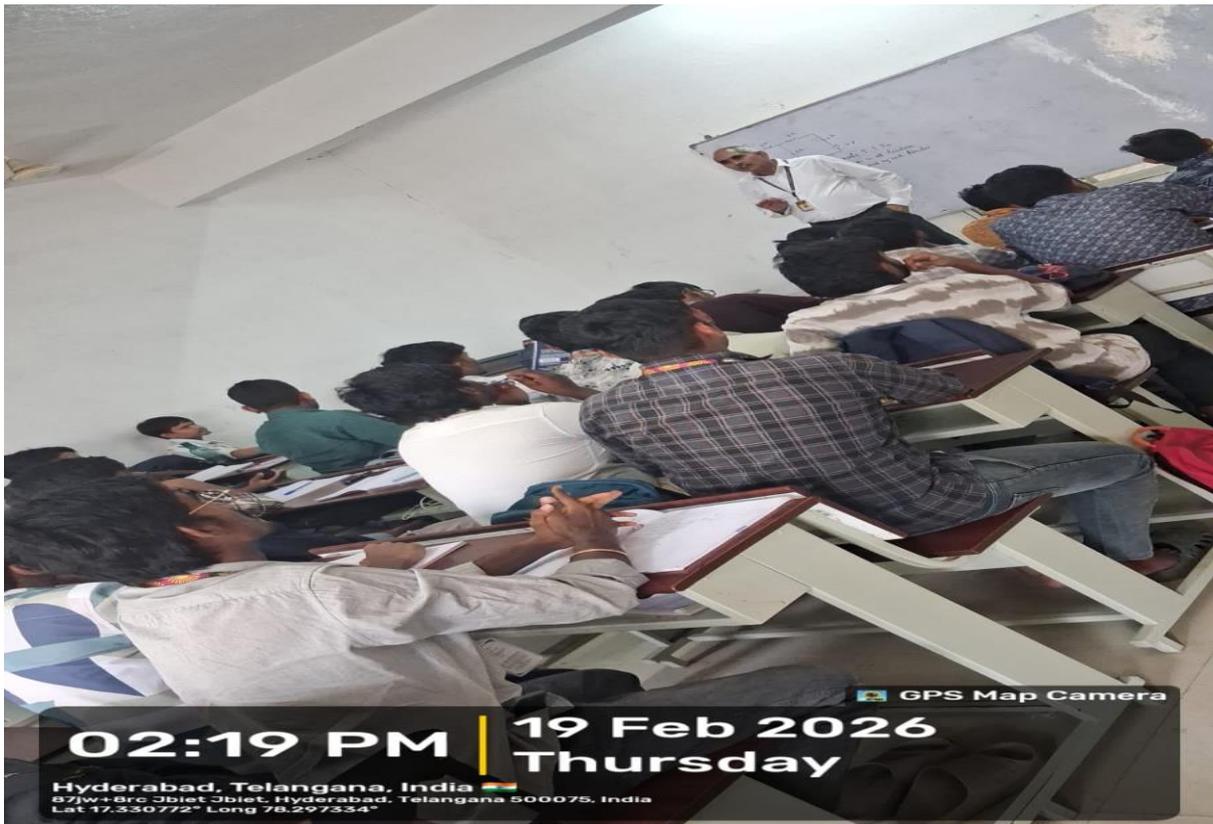
- **Dr. Anoop Kumar**
Head of the Department, Mechanical Engineering
J.B. Institute of Engineering and Technology
- **Mr. Vasam Srinivas Rao**
Assistant Professor
Department of Mechanical Engineering
JBIET

6. Coordinators:

- Dr. Anoop Kumar
HoD, Mechanical Engineering
- Mr. Vasam Srinivas Rao
Assistant Professor
Department of Mechanical Engineering

7. **Attended by:** First Year B.Tech Mechanical Engineering Students

8. Event Photos:



Objective of the Program:

The objective of organizing this expert lecture was to orient the first-year Mechanical Engineering students towards:

- Understanding professional and academic ethics
- Achieving academic excellence through disciplined learning
- Securing a good CGPA through systematic preparation
- Developing technical and professional skills
- Building a successful career in Mechanical Engineering

Outcomes of the Program:

After attending the session, the students were able to:

- Understand the importance of academic and professional ethics
- Learn strategies to achieve a good CGPA
- Recognize the importance of time management
- Gain awareness about career opportunities in Mechanical Engineering
- Understand the need for technical skill development

Summary of the Report:

The Department of Mechanical Engineering organized an expert lecture on “**Ethical Orientation for Academic Excellence and Career Development in Mechanical Engineering**” for the first-year Mechanical Engineering students.

The session was delivered by **Dr. Anoop Kumar**, Head of the Department of Mechanical Engineering, along with **Mr. Vasam Srinivas Rao**, Assistant Professor.

Dr. Anoop Kumar addressed the students on the importance of ethics in academic life and emphasized that engineering is a profession that demands responsibility, integrity, and commitment. He explained that maintaining honesty in examinations, assignments, and laboratory work is essential for building a strong academic foundation.

He also provided valuable guidance on how students can achieve a good CGPA by:

- Attending classes regularly
- Maintaining discipline in academic activities
- Preparing notes after every lecture
- Practicing numerical problems daily
- Understanding concepts instead of memorizing

He stressed that consistent effort and effective time management play a key role in achieving academic success.

Furthermore, he encouraged students to focus on skill development along with academics by learning design software tools, participating in workshops, and engaging in technical activities. He highlighted that practical knowledge and technical skills are equally important for industry readiness.

Mr. Vasam Srinivas Rao explained various career opportunities available for Mechanical Engineers in sectors such as manufacturing industries, automotive industries, aerospace sector, robotics and automation, thermal power plants, and research organizations.

He emphasized the importance of professional ethics in the workplace, teamwork, leadership qualities, and adherence to safety standards. He motivated students to plan their careers from the first year itself by identifying their areas of interest and developing relevant skills.

Conclusion:

The expert lecture was highly informative and beneficial for the first-year Mechanical Engineering students. The session provided valuable insights into ethical practices, academic excellence, and career development. It motivated the students to maintain discipline, improve their academic performance, and focus on skill development to become successful Mechanical Engineers in the future.