



College Code - 4192

Maitrey Educational Society

Nagarjuna

Institute of Engineering, Technology & Management
(AICTE, DTE Approved & Affiliated to R.T.M. Nagpur University Nagpur)

Village Satnavri, Amravati Road, Nagpur 440023

Email: maitrey.ngp@gmail.com; Website: www.nietm.in; Phone No. 07118 322211, 12

National Assessment and Accreditation Council

AQAR2020-21

NAAC Criteria-2: Teaching- Learning and Evaluation

Key Indicator- 2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences



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Criteria-2: Teaching- Learning and Evaluation

Metric No. 2.3.1 Contents

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2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

1. Regular Teaching Techniques:

Class Room Lectures & E- Learning Resources: Classroom lectures interspersed with discussion, resource for sound understanding, fundamentals, design and implementation. Generally teaching is carried out with conventional green-board and through PPTs using LCD projectors for explanation and visualization.

In current session (2020-2021), the teaching (Theory and Practical session) carried out through online mode (Zoom Meet). NPTEL videos e-sources are also used for in depth & Advance learning of the subjects.

2. Experiential learning:

Experiential learning supports students in applying their knowledge understanding to real-world problems in a formal guided manner.

Laboratory sessions and Simulation: Technical education is always justified with the help of practical knowledge. In this context, we provide exposure to our students in the laboratories from the first year. Later from the second year, students related to the core department are given an exposure to their course related advanced practical orientation through various agencies in the respective field. In current session (2020-2021), the Practical session carried out through online mode (Zoom Meet) & Google meet as well as through Google classrooms and virtual laboratories. We have MoUs with various industries situated in and around Nagpur region to provide platform to the students for experiential learning.




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3. Participative learning:

The students of our college are made to participate in different brain-storming activities and case studies by consultation with field experts. Group discussions, Technical Quizzes, Debates are conducted and students are motivated to participate in these activities. As the students come with different opinions and thought processes, the learning process gets justified in the argue mental way.

The students are given various opportunities to showcase their talent, communication and technical competency through brain storming sessions, numerous contests, and seminars and encouraged to become members of professional bodies. They are also encouraged to organize technical events to develop their creativity by participating and organizing intercollegiate as well as National level technical symposiums. Industrial tours, field visits and internships make the students acquainted with industrial and work ethics followed by submission/ presentation report.

4. Problem Solving Methods

Assignments on various topics are given regularly to increase engagement with subject and its understanding. Case studies and Mini projects: To developed the problem-solving methods and to enhance the practical knowledge and logical thinking of students, we are following case studies with innovative way and also encourage our students to make some Mini projects based on industrial problems from second year onwards. The students are divided into small groups so that personal attention can be given and every student's role will become prominent.




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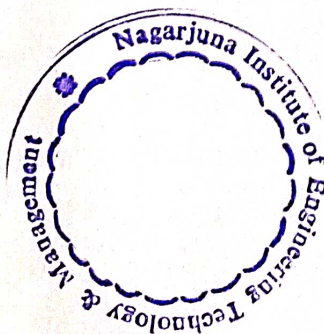
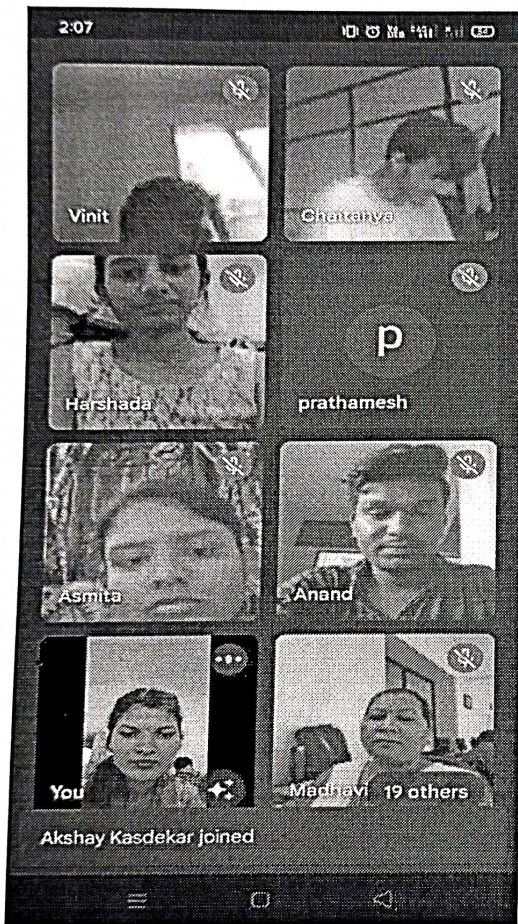
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(Theory & Practical Session –ZOOM Meet)



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