



Objective: Collaborative learning

Instruction methods used: Student's Seminar

Session: 2024-25 Semesters: VI

Date: 01/02/2025

Subject: - Advanced Manufacturing Technique

Topics Covered: Types of non conventional machining processes

Objectives: Participants experience various cooperative interactions and support each other's exploration of collaborative learning. By the end of the seminar, each participant will have designed a collaborative learning activity linked to learning objectives that will be ready to run with students or show to colleagues.

Implementation method: Seminar's in Class Rooms

Impact/Conclusion: Develop an interactive learning community for students interested in active learning and help for developing Presentation skills. Build confidence in participants' ability to design, implement, and assess collaborative learning activities.





Objective: Collaborative learning

Instruction methods used: Lecture with Discussion

Session: 2024-25 Semester: III

Date: 03/08/2024

Subject & Topics Covered: Manufacturing Process – Casting Process

Objectives: The purpose of organizing the Lecture with discussion under Collaborative Learning was to help students to get the clear understanding of topic related to their subject. So, that the students can themselves prepare the topic and present in front of other students.

Implementation method: Students will able to understand the concept of subject and explain the related topic depending on the various casting process.

Impact/Conclusion: Students understood the concept of various types of casting process.





Title of the Activity: Technical Quiz of Basics of Mechanical Engineering.

Name of the Faculty: Mr. S. G. Ghugal

Session: 2023-24 Semester: VI

Date: 16/03/2024

Brief Description of Activity:

An offline quiz was organized for students of sixth semester. Quiz was conducted on unit II wherein 10 MCQ questions were provided. This activity was conducted in order to assess the basic understanding of new trends of mechanical engineering. The activity helped students encourage active learning as students are required to recall information, apply concepts. This engagement enhances retention and understanding.

Number of Students Involved: VIth sem- 60

Topics: Basics of Mechanical Engineering

Outcome: The quiz will promote critical thinking, encourage healthy competition, and help identify areas for further learning and improvement.





Lokmanya Tilak Jankalyan Shikshan Sanstha's
Priyadarshini Bhagwati College of Engineering, Nagpur
An Autonomous Institution Affiliated to R.T.M. Nagpur University, Nagpur
Accredited by NAAC Grade 'A'
Harpur Nagar, Umred Road, Nagpur- 440024



Objective: Student Seminar

Participated By: 65 Students

Mode of Conduction: Offline

Dated: 6/3/2024

Session: 2023-2024 **Semester:** IV **Section:** A

Subject & Topics Covered: Kinematics of Machines / Types of Mechanism

Objectives: The purpose to organize the activity was to help students to get the clear understanding of topic given to the student and help them to solve the subject based numerical.

Implementation method: Students can themselves prepare the topic and explain the same to the class.

Impact/Conclusion: Students participated in the activity with great interest and enjoyed the learning's. This Activity provided the platform to clear the mindset of the students regarding innovative teaching learning process.





Title of the Activity: Group Discussion on Total Quality Management.

Name of the Faculty/Coordinator/Resource persons: Dr. K. D. Ganvir

Session: 2023-24

Date: 04/03/2024

Sem/Section: VIII

Platform: Offline(Classroom)

Participants: 20 Students

Purpose/Objective:

A group discussion is a collaborative dialogue where participants/ students exchange idea and viewpoint on a specified topic. It fosters critical thinking and helps in understanding different perspective. enhancing the depth of understanding on the subject matter. This interactive platform is often Used to facilitate learning.

During this Group Discussion, the following topics were covered.

1. Introduction to TQM.
2. Key Elements of TQM.
3. Quality Tools and Techniques.
4. Role of Leadership in TQM.
5. TQM in Manufacturing vs. Service Sector.
6. Conclusion.





Objective: A group discussion is a collaborative dialogue where participants exchange ideas and viewpoints on a specified topic.

Instruction methods used: Group Discussion

Session: 2023-2024 Semester: VIII

Date: 06/04/2024

Subject & Topics Covered: Recent Trends in Automobiles

Objectives: Companies commonly use group discussions in various settings, such as academic institutions, job interviews, business meetings, and community gatherings. The main objective of group discussion is to share and exchange knowledge and ideas, clarify doubts, and arrive at a collective decision or understanding.

Implementation method: Group Discussion

Impact/Conclusion: Group discussions promote a deeper understanding of a topic and increase long-term retention. Group discussions can also help increase participants' attention and help maintain their focus by involving them in the learning process. Group discussions can also provide feedback to instructors on participant comprehension.

