

JHULELAL INSTITUTE OF TECHNOLOGY

An Autonomous Institute affiliated to RTM Nagpur University
Department of Mechanical Engineering

Off Koradi Road, Lonara, Nagpur 441111.

E-Mail ID: admin@jitnagpur.edu.in Website: www.jitnagpur.edu.in

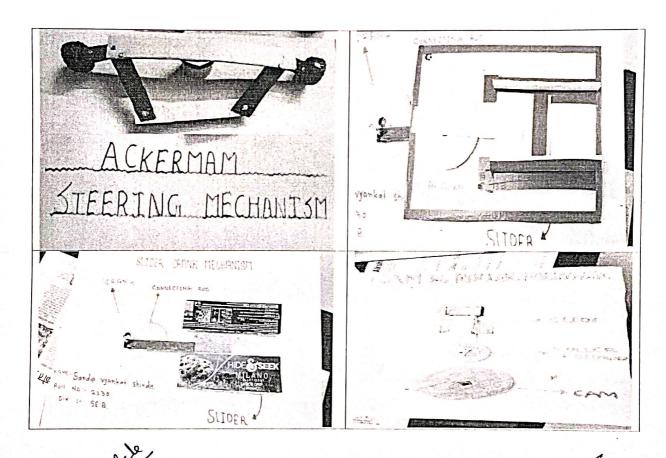


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Vision: The Mechanical Engineering Department strives for making thorough professionals who are employable through quality education.

Session: 2021-22 Hands on Model Making

Date and Time	13 JUL 2021, 01:00 am to 03:00 pm			
Activity Name	Hands on Making Model/Prototype Mechanism			
Subject	Kinematics of Machinery			
Class	Second Year			
Activity Type	Hands on Making Model/Prototype Mechanism			
Objective	To make the students conversant with kinematic analysis of mechanisms applied to real life and industrial applications.			
Outcome	Apply kinematic analysis to simple mechanisms, Students will able to learn to make model by using waste material			



Subject Teacher Dr. Sanjay Nikhade (KOM)



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Session: 2021-22 Think Pair & Share Work sheet

Date and Time	18 Mar 2022, 11:45 am to 12:45 pm				
Activity Name	Think Pair & Share Work sheet				
Subject	Fluid Mechanics				
Class	Second Year				
	Q.1 The condition in the picture is because of which fluid property.				
Description					
	Q.2. Justify your answer				
	Q.3. Quote some practical applications, (when this situation arises)				
What do I think	1. Vapour Pressure				
about it?	2. This phenomenon is known as cavitation				
	3. For designing pumps carrying sand or slurries				
What does my 1. Vapour Pressure					
partner think?	2. This is due to formation of bubble at low pressure				
	3. For designing pumps carrying oil and other refining products				
What will we	1. Vapour Pressure				
share	2. This is due to formation of bubble at low pressure				
	3. For designing pumps carrying oil and other refining products				
Evidences	The season of th				

Subject Teacher Rahul Waghmare (FM)



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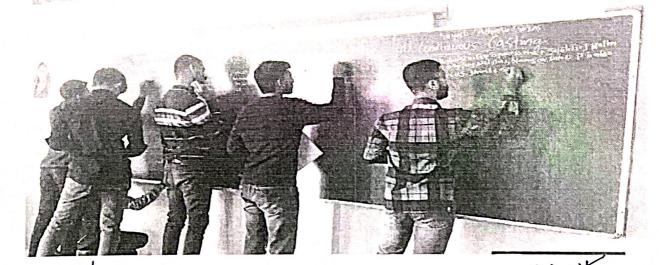
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Session: 2021-22 Four Board Method

	Tour Dourd Method		
Date and Time	25 Jan 2022, 02:00 pm to 04:00 pm		
Activity Name	Four Board Method		
Subject	MP		
Class Second Year			
Activity Type	Four Board For Permanent Mould Casting, Investment Casting, Centrifugal Casting, Continuous Casting		
Objective	To make the students work in team, enhancing their skills and knowledge		
Outcome Students ability to work in Team, Leadership Skill, Knowled improved			

Evidences





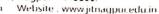
Subject Teacher Sanjay Sajjanwar (MP)



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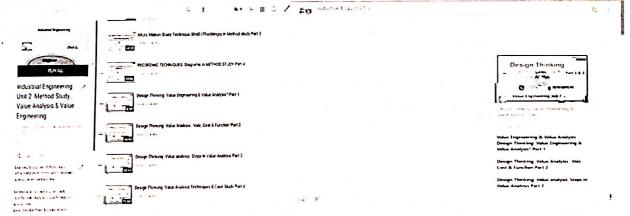
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Session: 2021-22 Flip Classroom

Date and Time	21 Mar 2022, 02:00 pm to 04:00 pm		
Activity Name	Flip Classroom		
Subject	IE		
Class	Fourth Year		
Description	 Flip class room activity: in this activity YouTube video link of my channel shared to students through IE course WhatsApp group. Instruction given to them to watch, write notes. Instructions given to present / explain what you learned from video with your thought process in the classroom. Value Engineering & Value Analysis Design Thinking: Value Engineering & Value Analysis? Part 1 https://youtu.be/my86PQ0OQVo Design Thinking: Value Analysis Vale, Cost & Function Part 2 https://youtu.be/TgLgyjPa-v8 Design Thinking: Value analysis Steps in Value Analysis Part 3 https://youtu.be/JC48oFFEOQI 		
Objective	To make the students about teaching methodology and challenges in TL		
Outcome	Students ability to analyze learning material, write on paper & Presentation & communication skill, Leadership Skill, Knowledge improved.		

Evidences



DTE Code: EN4139

Samridhi Sarwajanik Charitable Trust's

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Subject Teacher Amar Kawale (IE)



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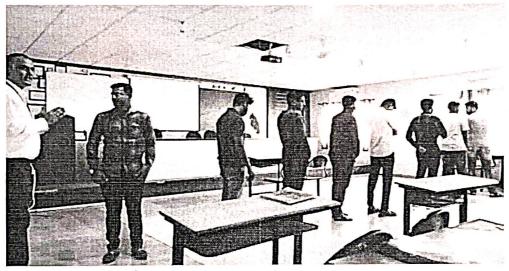
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Session: 2021-22

	Role play or Game play activity	
Date and Time 18 Feb 2022, 02:00 pm to 04:00 pm		
Activity Name	Role play or Game play activity	
Subject Industrial Economics & Entrepreneurship Development		
Class	Third Year	
Description	Role play or Game play activity useful to learn Management function	
	Communication	
Outcome	Create interest with learning in theory concept understand easily	

Evidences





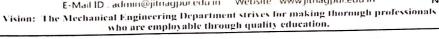
Subject Teacher Prakash Dhopte (IEED)



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Session: 2021-22 Game Pedagogy

Date and Time	10 Feb 2022, 02:00 pm to 04:00 pm		
Activity Name	Game Pedagogy		
Subject	Energy Conversion I		
Class	Third Year		
Description	Pedagogy is a term that refers to both the art and the science behind how educators teach. In the context of game-based learning, pedagogy involves integrating the principles of effective teaching and learning with the unique features of games, such as interactive storytelling, problem-solving challenges, and immersive environments, to create engaging and compelling learning experiences.		
Outcome	The game based learning is more effective than traditional TL Method which have following results:- 1. Increase Engagement 2. Motivate with no risk 3. Improve performance and knowledge 4. Improve interaction with the students		

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Subject Teacher Rahul Waghmare (EC-I)

Head of Department Prof. Prakash V Dhopte

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