



DTE Code: EN4139

Samridhi Sarwajanik Charitable Trust's
JHULELAL INSTITUTE OF TECHNOLOGY
An Autonomous Institute affiliated to RTM Nagpur University
Entrepreneurship, Innovation and Incubation Cell

Off Koradi Road, Lonara, Nagpur - 441111.
E-Mail ID : admin@jitnagpur.edu.in Website : www.jitnagpur.edu.in



NAAC A+ Accredited

Ref: JIT/EIIC/2024-25/Even/

Date: 09/03/2025

NOTICE

This is to inform all the students of all the departments that Entrepreneurship, Innovation and Incubation cell of Jhulelal Institute of Technology is organizing an one day "Workshop on Prototype/Process Design & Development" on 14/03/2025.

It is mandatory for all the students to be a part of this event and make the event successful.

The details of the event are as below:

Date: 14/03/2025

Time: 10 AM

Venue: JIT Nagpur

Prof. Rahul Joge
Program Coordinator

Prof. Mohd. Imran Khan
In-charge,
EIIC

Copy to:

1. Head, CSE
2. Head, AI & ML
3. Head, AS&H
4. Head, ETC
5. Head, EE
6. Head, ME
7. Head, MBA



OTE Code: 1864139

Sarvodaya Sarvajanik Charitable Trust's
JHULELAL INSTITUTE OF TECHNOLOGY

An Autonomous Institute affiliated to RTM Nagpur University

Entrepreneurship, Innovation and Incubation Cell

Off. Road: Road, Lonsda, Nagpur - 441111.

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



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Ref: JIT/EHC/2024-25/Event/

Date: 09/03/2025

CIRCULAR


This is to inform all the faculty of all the departments that Entrepreneurship, Innovation and Incubation cell of Jhulelal Institute of Technology is organizing an one day "Workshop on Prototype/Process Design & Development" on 14/03/2025.

It is mandatory for all the faculties and non teaching staff to be a part of this event and make the event successful. The details of the event are as below:


Date: 14/03/2025

Time: 10 AM

Venue: JIT Nagpur


Prof. Rahul Joge

Program Coordinator


Prof. Mohd. Imran Khan
In-charge,
EHC

Copy to:

1. Executive Director & Advisor
2. Dean Academics & Quality Assurance
3. Dean Planning & Development
4. Dean Training & Placement
5. Dean R&D
6. Dean Students & Skill Development
7. Dean Branding & Promotion
8. Deputy Registrar
9. Head, CSE
10. Head, ETC
11. Head, EE
12. Head, AI & ML
13. Head, ME
14. Head, AS&H
15. Head, MBA



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Date: 14/03/2025



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



"Report on Workshop on Prototype/Process Design & Development"

Title of the event: "One day Workshop on Prototype/Process Design & Development"

Date and time of the Event: 14/03/2025 at 10 am - 1 pm

Venue: JIT, Nagpur

Organizing Department: EIIC

Coordinator: Prof. Rahul Joge

Organizing Institute: JIT, Nagpur

Number of the students present: 52

Total number of Audience including faculties and NT staff: 54

Details of Resource person

Name: Mr. Atul Ghumade

Designation: Director, Hixaa Technologies Pvt. Ltd.

Affiliation: Hixaa Technologies Pvt. Ltd., Nagpur

Introduction: An one-day workshop on Prototype/Process Design & Development was organized by EIIC cell, JIT on 14th March 2025 at JIT, Nagpur. The workshop aimed to equip participants with foundational and advanced knowledge in prototype development and process design, critical components in product development and innovation.

Objectives:

1. To introduce the concepts of prototype development and process design.
2. To provide hands-on experience with design tools and techniques.
3. To understand the iterative process of prototyping in product development.
4. To explore case studies and industry practices.
5. To encourage innovation and critical thinking among participants.

Report content: Entrepreneurship, Innovation and Incubation cell organized an one-day workshop on prototype/process design & development in JIT Nagpur. The workshop witnessed participation from over 52 students and faculty members. Attendees came from disciplines such as mechanical engineering, electrical engineering and computer science engineering.

The workshop was structured into the following sessions:

Session 1: Introduction to Prototype and Process Design

- Definition and importance of prototyping.
- Overview of product development lifecycle.
- Types of prototypes: conceptual, functional, and final.

Session 2: Tools and Techniques

- Software tools: AutoCAD, SolidWorks, BIM
- Process mapping and optimization techniques.

Session 3: Discussion & Q&A

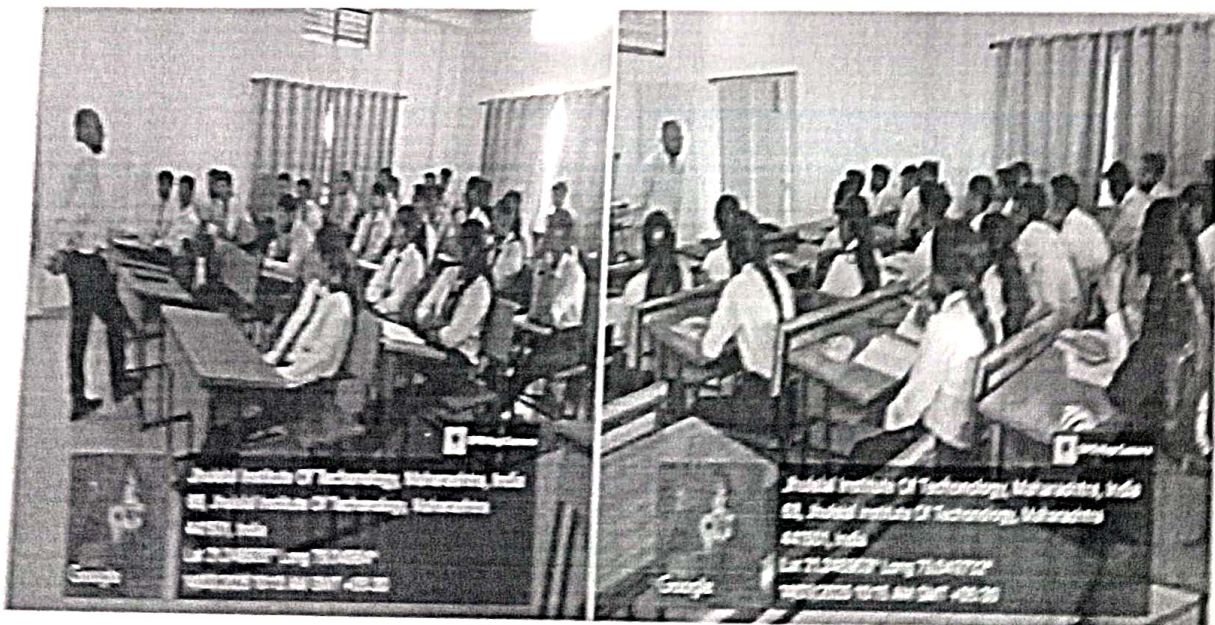
- Interactive session with experts addressing participant queries.
- Future trends in design and prototyping were also discussed.

Event outcomes: P03, P06, P011, P012.

Outcomes:

1. Participants gained practical insights into the design process.
2. Enhanced understanding of prototyping tools and methods.
3. Encouraged interdisciplinary collaboration.
4. Sparked interest in innovation and research-led design.

Benefits to society: The Workshop on Prototype/Process Design & Development was a successful initiative that contributed significantly to enhancing the participants knowledge and skills. It fostered a culture of innovation and collaboration, laying the groundwork for future product development initiatives for societal benefits.



Kanishk
ETIC Coordinator

Id
ETIC Incharge