

1 Days Workshop

on

“Industry 4.0 with Design Domain”

1st February 2024

Organized by

**Department of Mechanical
Engineering**



**Marathwada Mitramandal's
Institute of Technology (MMIT),
Lohgaon, Pune**

Accredited with “A” Grade by NAAC

IN ASSOCIATION WITH

**GRAPHIX TECH
PUNE**



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HoD (Mechanical Engineering)

COORDINATOR

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HoD (Mechanical Engineering)

ORGANIZING COMMITTEE

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Prof.Dhananyay Bhoge

Prof.Naresh Dhamne

Chetan Meshram (BE, Mechanical)

Satwik Dongare (TE, Mechanical)

ABOUT MARATHWADA MITRA MANDAL

The trust "Marathwada Mitra Mandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President". The trust had started its activity with the objective of providing hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with the motto "**Yethe Bahutanche Hit**" (Welfare of Masses). Mass education, co-education and dedication towards overall development of the region are watchwords of the trust. At its various educational campuses the trust has created excellent facilities of education catering to Architecture, Interior Design, Management, Law, Commerce, Pharmacy, Engineering, etc. Which provides excellent education to about 12,000+ students.

ABOUT MMIT

MMIT, Lohgaon was established in 2008. The institution is affiliated to Savitribai Phule Pune University, Pune and is approved by AICTE, New Delhi, Recognized by DTE, Government of Maharashtra. The uniqueness of the institute lies in its provision for an elaborate spectrum of engineering program under one roof which emphasis on quality education, training, and building of cultural value and development of professional skills. The institute has a sprawling and lush green beautifully planned campus with modern

state of art infrastructure and hostel facility in 15 acres of land. The institute is accredited with 'A' Grade by NAAC. It offers five engineering programmes (Computer, Artificial Intelligence & Data Science, Mechanical, Civil, Mechatronics). It houses 800+ students and 80 staff members.

ABOUT DEPARTMENT

The Department of Mechanical Engineering was started in 2008 in line with institute vision "Techno-Social excellence" to produce quality engineers with an attitude of service, for the benefit of the society and nation. The Department has offered a four-year degree program in Mechanical Engineering since the academic year of 2008 - 2009, which had a student enrollment of 120. The Department has licensed copy soft-wares like ANSYS, CATIA, MATLAB, MASTER CAM with sophisticated production CNC machines etc. Highly-qualified and experienced faculty members, excellent laboratory as well state-of-the-art facilities, modern computer clusters and the extensive industry-academia interaction all serve to make engineering education at MMIT Lohgaon campus is a unique and enriching experience. Graduates from the

Department of Mechanical Engineering are highly-employable and sought after by many prestigious organizations.

OVERVIEW OF WORKSHOP

This expert lecture provides the knowledge necessary to design and develop the digital transformation associated with Industry 4.0 brings about both cultural and operational evolution. By unifying and connecting people, data, and assets, you create an almost limitless range of potential optimisations.

COURSE OBJECTIVES

- To learn different Collaborative Design Platforms
- To understand importance of Predictive maintenance
- To recent trends in Supply chain optimisation:
- To know Agile manufacturing
- To know the Quality Control and Defect Detection Techniques
- To learn the circular Economy Practices

&

Preparing for a career in Industry 4.0 in Design

Domain and staying relevant Discussion on upcoming technology trends

CONTACT EMAIL

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rakesh@graphixtech.org

RESOURCE PERSONS

Mr. Kishor More
(MD Graphics Technologies)

Mr.Rakesh Jadhav
(Branch Manager Graphics Technologies)

Ms.Pranita Jadhav
Design Domain Expert





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S.No.35, Plot No. 5/6, Lohgaon, Pune-411 047

Department of Mechanical Engineering

A REPORT ON

“Industry 4.0 with Design Domain”

1stFebruary 2024



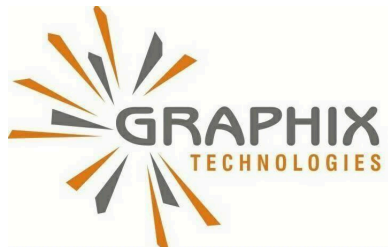
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Department of Mechanical Engineering
Marathwada Mitra Mandal's Institute of Technology, Lohgaon,
Pune

in Association with Graphix Technologies™





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Prin. B. G. Jadhav

Executive President, Marathwada Mitra Mandal, Pune

Mr. Kishor Mungale

Hon. Secretary, Marathwada Mitra Mandal, Pune

Patron

Dr. R. V. Bhortake

Principal, MMIT, Lohgaon, Pune

Convenor

Dr. Anjali Joshi

Head of Department, Mechanical Engineering, MMIT, Lohgaon, Pune

Coordinator

Dr. Anjali Joshi

Head of Department, Mechanical Engineering, MMIT, Lohgaon, Pune

Speakers

1. Kishor More-MD Graphix Technologies



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Notice: “Industry 4.0 with Design Domain”



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Lohgaon, Pune-411047.

DEPARTMENT OF MECHANICAL ENGINEERING

Date:31/01/2024

The department of Mechanical Engineering is organizing a workshop on “Industry 4.0 with Design Domain” in Association with Graphix Technologies. .

All department SE, TE and BE students are informed to attend the workshop.

Session will be delivered by: Kishor More-MD Graphix Technologies

Date: 1 Feb 2024

Time: 11 am to 1 pm

Venue: E202

(Sign)
Co-ordinator



(Sign)
HOD



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Department of Mechanical Engineering
(Academic Year 2023-24)

Date: 1/02/2024

“Industry 4.0 with Design Domain”

The Department of Mechanical Engineering has organized a 1 days' workshop on Industry 4.0 with Design Domain. This workshop is conducted under the MoU made with Graphics technologies and is aimed to develop the Industry 4.0 with Design Domains. The workshop has one day of training by experts followed by one to one interaction with students. First session was conducted by Mr. Kishor More-MD Graphix Technologies. Second session was conducted by an expert Pranita Jadhav - Domain expert. Third session was focused on the How to enhance our Design Domain expertise by Mr. Rakesh Jadhav - Branch Manager.

The details of Workshop are as follows:

Date: 1st February 2024

Mode: Offline Mode

Resource Person:

1. Kishor More-MD Graphix Technologies
2. Mr. Rakesh Jadhav - Branch Manager
3. Pranita Jadhav - Domain expert



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Outcome:

Students have understood the philosophy of the Industry 4.0 for design domain. The main outcome to discuss on fourth industrial revolution was the set-up of the Intel industries, where it is not just about data compilation, but keeping in mind the importance of the interaction between all this information, being allowed to connect it with different information sources, and being able to create a controlled system with a high-speed and flexible type of production. Hence with the given session on Industry 4.0 for Design domain students are highly encouraged to make their career in Design domains followed by Industry 4.0 revolution.



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List of Students participated:



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Department of Mechanical Engineering

Attendance cum Feedback Form for Industry 4.0 with Design domain

Dt. 11/02/2024

Sr	Name of Student	Signature
01	Darshana Sudhakar Bhavsar	
02	Sakshi Shashank Bagade	
03	Shingate Rupali Prabhakar	
04	Malhar Atul Kulkarni	
05	Rusikesh T. Kesapure	
06	Atharva A. Bhinde	
07.	Darshan R. Chavan	
08	Prasad D. Nimbalkar	
09	Madhav B. Umate	
10	Yogesh N. Chingbhale	
11	Sainath Allamwar	
12	Tushar Pawar	
13	Ajay Birajdar	
14	Pratham Sankar	
15	Saqain Kurehi	
16	Chetan Meshram	
17	Satvik Dongare	



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Department of Mechanical Engineering

Attendance cum Feedback Form for Industry 4.0 with Design domain

Dt. 11/02/2024

Sr	Name of Student	Signature
18	Shreejash Hendre	
19	Krunikar Prahit	
20	Purva Mavkar	
21	Rutuja Koshti	
22	Swapnil H. Salunke	
23	Rohit laxman Zagade	
24	Subodh Salve	
25	Rohan Mahajan	
26	Ankita Potdar	
27	Ankush E. K. potekar	
28	Vaibhav. Bhatkar	
29	Shreyash. Sutar	
30	Paresh Lokhande	
31	Siddesh Pokharkar	
32	Ugale Harshal	
33	Ayok Pushikesh	
34	Aditya Shinde	

57) Shekhar V. Jogadhane



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Department of Mechanical Engineering

Attendance cum Feedback Form for Industry 4.0 with Design domain

Dt. 1/2/2024.

Sr	Name of Student	Signature
35	Soham Santosh Paut	S.S.Paut
36	Rahul Krishna Tadhar	R.Tadhar
37	Baldeo, Prashuram Madhav	Prashuram
38)	Manthan Nandkumar Ghole	Manthan
39)	Deshmukh Vaibhav	Vaibhav
40.	Prakash .V. Saew	Prakash
41	Thokal Turker	Turker
42	Mangesh .R. Walekar	Mangesh.R.W.
43	Shuapnil Kakade	Shuapnil
44	Suraj Tambali	Suraj
45)	Chavan Om Anil	Om Chavan
46)	Abhirat Dalvi	Abhirat
47)	Pushikesh Padam.	Pushikesh
48]	Om Dhawane	Om Dhawane
49]	Nipul Kote.	Nipul Kote
50]	Sanjivani Thorat	Sanjivani
51]	Shubhangi Chavan	Shubhangi
52)	Aniket Bhukete	Aniket
53)	Rushikesh Raju Waghmare	Rushikesh
54)	Shinde Gaurabh Shataji	S.Shinde
55)	Shirke Satyram R.	Shirke
56)	mane Vishal G.	Mane



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Glimpses of the Session:



Name of Coordinator

Coordinator

Name of HoD

Head of Department

Attendance cum Feedback Form for Industry 4.0 with Design domain

15 responses

[Publish analytics](#)

Your Full Name (including salutation, as you need on certificate)

15 responses

Vaibhav Bhalekar

Changbhale Yogesh Nivrutti

MADHAV BALAJI UMATE

Paresh Ravindra Lokhande

AJAY DINKAR BIRAJDAR

Tushar pawar

Swapnil Navnath Kakade

SURAJ JAMIR TAMBOLI

Chavan Darshan Ramesh

SHEKHAR VISHWAGURU JAGADHANE

Shinde Aditya Sahadev

Salunke Swapnil Haribhau

Rutuja Dattatray Koshti

SHINDE SAURABH SHAHAJI

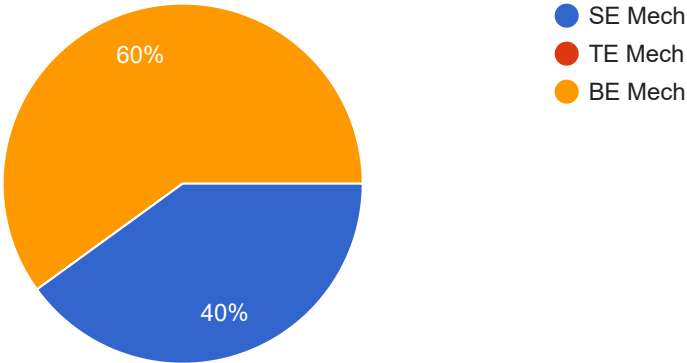
Soham Santosh Raut



Class

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15 responses



Roll no

15 responses

BMA04

BMA08

BMA39

SMA13

BMA 07

25

BMA16

SMA32

BMA09

BMA 43

SMA24

SMA23

SMA10

BMA33

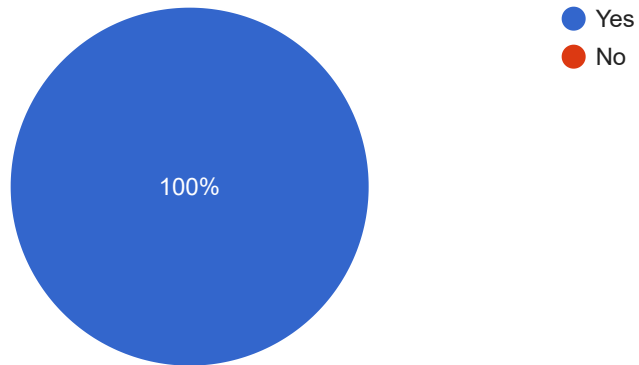
SMA21



The contents of the program were adequate.

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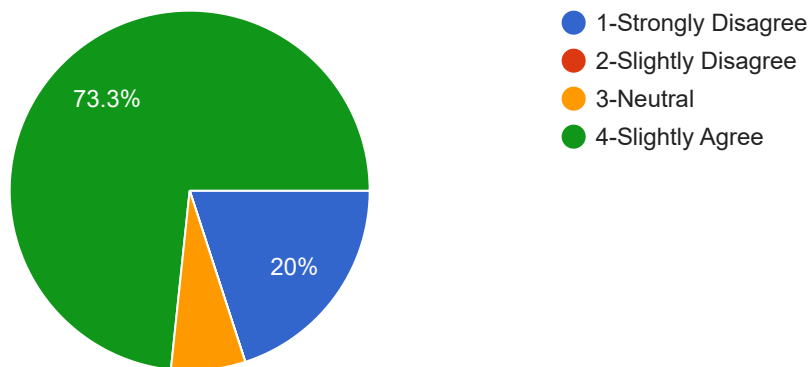
15 responses



Do you think that the contents delivered in the program were helpful in teaching learning process of your course?

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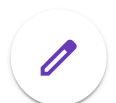
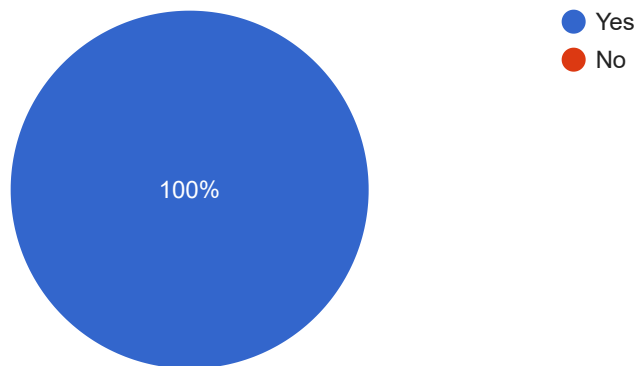
15 responses



The program arrangements were adequate.

 Copy

15 responses



What did you like the most about the program?

15 responses

NA

BIW design of Automotive Industry

Interior Trims

Interior trims

Carrier information

Focus on Engineering Goal is most useful

Get the knowledge about industry 4.0

Method of Guidance.

Design point of view in new scopes.

Design

.

Firstly confidence in more sirs speech and the way of knowledge he showed us about mechanical engineers..secondly domain and their lifetime opportunities.

Advanced technologies in design

Speech



Suggestions for further improvement (if any)

15 responses

NA

No

Na

No

Yes

No.

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