

<b>MIT</b>   Academy of Engineering AN AUTONOMOUS INSTITUTE Alandi (D), Pune – 412105	Two days Training on Fusion 360 Software for students	
	ACADEMIC YEAR	2020-21
Department of Mechanical and Civil Engineering	SUBMITTED BY	Ashwin S. Chandore
	CONDUCTED BY	SMCE- Mechanical
	DATE	18 <sup>th</sup> and 25 <sup>th</sup> June 2021

## **REPORT**

<b>Activity</b>	: Expert training on Fusion 360 for DSY Computer Engineering and IT students under Rapid Prototyping course
<b>Conducted By</b>	: Ashwin Chandore, Mechanical, MIT AOE, Pune
<b>Trigger Point</b>	: Advance Feature of Fusion 360 software and its application in product development for Prototyping
<b>Date</b>	: 18 <sup>th</sup> and 25 <sup>th</sup> June 2021
<b>Venue</b>	: Online mode – Zoom Meeting
<b>Event Coordinator</b>	: Prof. Ashwin Chandore
<b>Expert for workshop</b>	: Mr. Rahit Chandran, 2. Mr. Expert Iyaya Ganesh, Autodesk, Education Engagement Specialist Autodesk Education Experiences, Bangalore
<b>No. of Participants</b>	: Approx. 35-40

**Details** : Two days Training workshop for students. Topic was Fusion360 software advance features for industrial and rapid prototyping applications. Cad Modelling, Assembly and Generative design. These features play an important role in today's design industry 4.0. Hence it is demanding in today's era. So, Autodesk expert contributed their technical expertly, experience and knowledge to our students to inspire them.





**Day 1 (18/06/2021) Experts - 1. Mr. Rahit Chandran, 2. Mr. Expert Imaya Ganesh - Discussion on,**

1. Design workspace, Feature creation tools,
2. Modeling of 2D, 3D Parts,
3. Registration Process for Fusion 360
4. 3D printing process and slicing
5. 3D printing material selection
6. G coding of parts and its features

**Day 2 (25/06/2021) Mr. Expert Imaya Ganesh, Expert-**

1. Today's Feature of Fusion 360 for Industry 4.0 system.
2. Assembly-disassembly of parts
3. Generative Design and Assembly in Fusion 360
4. Model Surfacing and scaling
5. Rendering of models
6. Material Library of Material and parts.

**Glimpse of Event:-**




3.  
4.





Zoom Meeting

# Generative design capabilities



AUTODESK FUSION 360

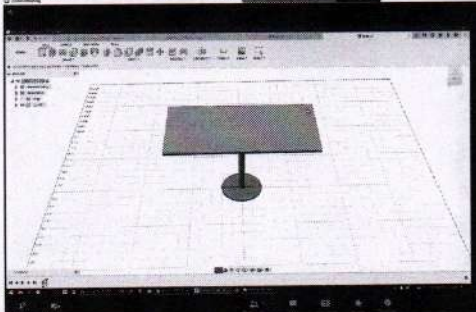
AUTODESK

Participants (10)

- Ashwin Chandore
- Ashwin Chandore
- Swaraj Kurapati
- Pranil Ghatage

5.

Generative Study Setup for GE Bracket








Register in advance for this meeting:

<https://autodesk.zoom.us/meeting/register/tJMsdu6urTwpEtDngyleGuwJppcMfezwJqTR>

Recording Link 1:-

[https://autodesk.zoom.us/rec/share/HUTw8HvgD2O41Ix6t2ooSddbNd1ZO-3Nvt83ChvQVBKwk8-vZb1NlgkognYWAOL3.M\\_EHgyUEN-boP67](https://autodesk.zoom.us/rec/share/HUTw8HvgD2O41Ix6t2ooSddbNd1ZO-3Nvt83ChvQVBKwk8-vZb1NlgkognYWAOL3.M_EHgyUEN-boP67)

Recording Link 2:- will receive soon.

Faculty/Organizer

Ashwin S. Chandore

Dean SMCE





## Teachers Activity Report 2020-2021

Department/Committee	Mechanical	IQAC Activity No.	
Name of the Activity: National level Project competition SPRAK 2021			
Date	Self-financial/sponsored - Budget	Department/Committee	Coordinator Name
4/07/21	Budget	Mechanical	R S. Jadhav
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
10am to 4 pm	Online	60	Online
Support/Assistance:	S. D. Barewar, V. A Bhosale, A.J. Asalekar		

Brief information about the activity (**criterion no. -** ):

Topic/subject of The activity	National level Project competition
Objectives	To Exchange/ Share the technical project idea
Methodology	Conducted this activity online and invited industry person for evaluation
Outcomes	Students from the different region of the country are exchanged / Shared the technical project idea for the growth in their career

**Proofs & documents attached (Tick mark the proofs attached):**

Letters (Attached)	Notice/circular (Attached)	Student list of participation (Signed) (Attached)	Activity report	Photos (Attached)	Feedback form
Feedback analysis	Action taken on feedback	News clip with details	Certificate (Attached)	Budget / Sponsorship letter / fund settlement Report	Any other relevant info.

IQAC Document No:	Criterion No:	Metric No:
Departmental file no	IQAC file No;	

Name of teacher & Signature	Name of head/ committee in-charge & signature	IQAC coordinator (seal & signature)

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning &	Criterion VI	Governance





	Evaluation		
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		





**MIT****In Academy of  
Engineering**

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

**Alandi (D), Pune – 412105****School of Mechanical and  
civil engineering**

## **REPORT**

<b>Activity organized/ attended</b>	One DAY webinar
<b>Trigger Point</b>	Discrete Event Modelling and Simulation
<b>Date</b>	8 <sup>th</sup> AUG 2021
<b>Venue</b>	Online [MITAOE, Alandi, Pune]
<b>Level of the Event</b>	School level
<b>Coordinator</b>	Dr. P.S.Kalos, MIT AOE, Alandi, Pune
<b>Attended by</b>	Students and Faculty of Mech Engg. Dept.

[https://docs.google.com/spreadsheets/d/1pw2qzYYk\\_8v4a1a3\\_Thqp56Z35rHER0WZRktrzJtgO4/edit?resourcekey#gid=173071150](https://docs.google.com/spreadsheets/d/1pw2qzYYk_8v4a1a3_Thqp56Z35rHER0WZRktrzJtgO4/edit?resourcekey#gid=173071150)

### **Objectives:**

- Basic Understanding of Discrete- event Simulation (DES).
- To provide basic understanding of Discrete Event Modelling and Simulation
- Demonstration through case studies using Simul 8 software.

MS Teams joining info: <https://bit.ly/3AjjEwz>





## Teachers Activity Report 2020-2021

Department/Committee	SMCE	IQAC Activity No.
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Name of the Activity: National level online two week FDP			
Date /	Self-financial/sponsored - Budget	Department/Committee	Coordinator Name
15/07/2021 to 15/07/2021	NA	Mechanical Engineering	Mr.Y.L.Maske
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
Whole day	MIT Academy of Engineering Alandi Pune	30	Indoor
Support/Assistance:	MIT Academy of Engineering Alandi Pune and DIFACTO Automation		

Brief information about the activity (**criterion no. -** ):

Topic/subject of The activity	Introduction and Recent Trends to Industrial Robotics and Automation
Objectives	To highlights the recent trends in Robotics and Automation Industry Automation Programming Methods Control System Artificial Intelligence Machine Vision
Methodology	Industry Automation Programming Methods Control System Artificial Intelligence Machine Vision
Outcomes	After attending the session students are familiar with recent advancement and trends in Robotics and Automation

**Proofs & documents attached (Tick mark the proofs attached):**

Letters	Notice/circular	Student list of participation (Signed)	Activity report ✓	Photos ✓	Feedback form ✓
Feedback analysis	Action taken on feedback	News clip with details	Certificate ✓	Budget / Sponsorship letter / fund settlement Report	Any other relevant info.

IQAC Document No:	Criterion No:V	Metric No:
Departmental file no	IQAC file No;	

Name of teacher &	Name of head/ committee in-charge & signature	IQAC coordinator (seal & signature)
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Signature		
Y.L.Maske	Dr.P.R.Hatte	Mr.D.B.Panchal

For Reference

Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			





# MIT

Academy of  
Engineering

An Autonomous Institute affiliated to  
Savitribai Phule Pune University



## SCHOOL OF CHEMICAL ENGINEERING

Organizes  
Ten Hours Intensive Course on

# Industrial Safety

Getting Plant Ready

## Resource Persons:

**Mr. Vijay Bhujle**

Senior VP-Technical  
GVS Cibatech Private Limited

**Prof. S.S. Gandhi**

Assistant Professor,  
School of Chemical Engineering,  
MIT Academy of Engineering

**Mr. Aniruddha Kulkarni**

Assistant Manager - EHS,  
PAR Formulation Private Limited

REGISTRATION  
FREE !!

## Topics to be Covered

- Fire triangle, MSDS, PPE
- What went wrong? Learning from accidents
- HAZOP

Registration URL: <https://forms.gle/5sfSpsDT9KnrbaNS9>

**PARTICIPANTS WILL RECEIVE CERTIFICATES ON SUCCESSFUL COMPLETION OF COURSE**





**MIT**

(An Autonomous Institute Affiliated to Savitribai Phule University)

**Academy of  
Engineering****MIT Academy of Engineering****School of Chemical Engineering****3 Days Intensive Course on Industrial Safety – Getting Plant Ready****(27<sup>th</sup> to 29<sup>th</sup> August 2021)****Attendee List for Course**

Sr. No.	Name of Student	Email ID	Year
1	Chanda Nagdeote	chanda.nagdeote@mitaoe.ac.in	Third Year
2	Rutuja Darade	rsdarade@mitaoe.ac.in	Final Year
3	Madura Bhatt	mmbhatt@mitaoe.ac.in	Final Year
4	Kunal Lokhande	kdlokhande@mitaoe.ac.in	Third Year
5	Laxmi Shaha	lmshaha@mitaoe.ac.in	Final Year
6	Patil Ajay Sandipan	patilsa@mitaoe.ac.in	Final Year
7	Kirti Sharad Borghare	kirti.borghare@mitaoe.ac.in	Third Year
8	Radha Nadar	rkknadar@mitaoe.ac.in	Third Year
9	Tanmay Sunil Patil	tspatil@mitaoe.ac.in	Final Year
10	Mayur Eknath Saykar	mesaykar@mitaoe.ac.in	Final Year
11	Ganesh Sopan Mali	ganesh.mali@mitaoe.ac.in	Third Year
12	ADESH SHENDKAR	anshendkar@mitaoe.ac.in	Third Year
13	Pratiksha Shinde	pratiksha.shinde@mitaoe.ac.in	Third Year
14	Chaitanya Sunil Umbarkar	chaitanya.umbarkar@mitaoe.ac.in	Third Year
15	Rutik kadukar	rutik.kadukar@mitaoe.ac.in	Third Year
16	Kedar Dhongade	ksdhongade@mitaoe.ac.in	Final Year
17	Aakash Masane	admasane@mitaoe.ac.in	Final Year
18	Sanket Kale	sanketkale@mitaoe.ac.in	Third Year
19	Tambe Om Balasaheb	obtambe@mitaoe.ac.in	Third Year
20	Mayank Raj Saha	mrsaha@mitaoe.ac.in	Third Year
21	Aditi Bobade	adbobade@mitaoe.ac.in	Third Year
22	Gautam Anand Das	gadas@mitaoe.ac.in	Third Year
23	Batule Aditya Trimbak	atbatule@mitaoe.ac.in	Third Year
24	Vaibhav Sunil Tambare	vaibhav.tambare@mitaoe.ac.in	Third Year
25	Viraj Dharmawat	vldharmawat@mitaoe.ac.in	Final Year
26	Muskan Bharadia	mmbharadia@mitaoe.ac.in	Third Year
27	Omkar Satish Mahale	osmahale@mitaoe.ac.in	Third Year
28	Pavan Yuvraj Chavhan	pychavhan@mitaoe.ac.in	Final Year
29	Pankaj Vitthal Mhaske	pvmhaske@mitaoe.ac.in	Final Year

*Sudhir*  
Mr. Sudhir S. Gandhi  
Coordinator





# MIT Academy of Engineering

School of Chemical Engineering

## Screenshots for Three Days intensive course on "Industrial Safety – Getting Plant Ready"

(27<sup>th</sup> August to 29<sup>th</sup> August 2021)

Effect of Inhibitor and Oxygen on the Shelf Life of Styrene at Various Temperatures			
12 ppm TBC		50 ppm TBC	
Temp.	Saturated with Air	Less than 3ppm O <sub>2</sub>	Saturated with Air
15.6 C	6 mo.	10 to 15 days	1 year
29.4 C	3 mo.	4 to 5 days	6 months
43.3 C	8 to 12 days	Less than 24 hours	Less than 30 days

So, we have to take serious efforts for working towards safety.  
We, Chemical engineers/Chemists have to take the lead.

Few Important properties Chemicals	
• Physical Properties: B.pt., Melting pt., Vap. Pressure, appearance	
• Flash point	
• Ignition temperature ( $\leq 250^{\circ}\text{C}$ )	
• LD <sub>50</sub> ( $< 500 \text{ mg/kg}$ )	
• TLV (40ppm)	
• Carcinogen /radio active (CMR.)	
• Corrosive	
• Explosive	
• Incompatible with	
• Spillage control (disposal)	





# MIT Academy of Engineering

School of Chemical Engineering

## Risk Assessment



A person enters into the cage and is feeding a Lion



A person wearing protective devices enters into the cage and is feeding a Lion

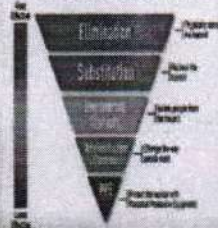


A person is feeding a Lion through a specially designed feed opening



A person is feeding a Lion in a specially designed cage

### HIERARCHY OF CONTROLS



## HAZOP GUIDE WORDS



NO -  
COMPLETE  
REACTION



MORE -  
QUANTITATIVE  
INCREASE



LESS -  
QUANTITATIVE  
DECREASE



AS WELL AS -  
QUALITATIVE  
INCREASE



PART OF -  
QUALITATIVE  
DECREASE



OTHER THAN -  
COMPLETE  
SUBSTITUTION



REVERSE -  
OPPOSITE  
FLOW /  
DIRECTION





**MIT Academy of Engineering, Alandi(D)**  
**School of Computer Engineering & Technology**  
**Seminar on Leadership Qualities for the IT industry**

1	Name of the Event	:	Seminar on Leadership Qualities for the IT industry
2	Date and Place	:	28th August 2021, 10.00 am – 12.00pm
3	Level of the event	:	Institute
4	Name of Coordinators	:	Mrs. M.A.Kulkarni, Ms. S.P.Kale
5	Organized for	:	All Students
9	Number of the participants	:	115
10	Resource person	:	Mr. Vivek Kulkarni Sr. Delivery Manager, Cybage Pvt. Ltd., Pune
11	Event Objectives	:	To brush up the leadership qualities for IT Industry
12	Event Outcomes	:	Students get enlightened with different aspects of Leadership.
13	Brief Report	:	The Seminar on Leadership Qualities for the IT industry is organized for MIT Academy of Engineering Students (All Branches) on 28th August 2021 from 10.00 am to 12.00 pm. Mr. Vivek Kulkarni, Sr. Delivery Manager, Cybage Pvt. Ltd., Pune. The main objective of this seminar is to give awareness of leadership qualities required for IT Industry.

**Photos**



Student Coordinator is introducing resource person



Resource Person is giving talk







Resource Person is giving talk



Resource Person is giving talk

M.A.Kulkarni –  
S.P.Kale  
Coordinators

*M.A.Kulkarni*  
*S.P.Kale*

*R.R.Badre*  
Prof. R.R.Badre  
Dean  
SCET





# MIT

Academy of  
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Savitribai Phule Pune University



## SCHOOL OF CHEMICAL ENGINEERING

**Organizes**  
**Three Days Hands-on Session**  
**on**  
**Process Simulation Softwares**

**REGISTRATION  
FREE !!**

### Resource Persons:

#### Mr. Sukalp Lamture

Process Engineer,  
Hikal Limited, Bharuch, Gujrat

#### Ms. S.S. Shende

Assistant Professor,  
School of Chemical Engineering,  
MIT Academy of Engineering

#### Mr. Pravin Suroshe

Process Engineer,  
Toyo Engineering India Pvt. Ltd.  
Mumbai

#### Topics to be Covered

- Introduction to Process Simulation
- Introduction to simulation softwares PRO II and Aspen HYSYS
- P & ID of Distillation Column

**Registration URL:** <https://forms.gle/5sfSpsDT9Knrba959>

**PARTICIPANTS WILL RECEIVE CERTIFICATES ON SUCCESSFUL COMPLETION OF COURSE**





**MIT**

(An Autonomous Institute Affiliated to Savitribai Phule University)

**Academy of  
Engineering****MIT Academy of Engineering**

School of Chemical Engineering

3 Days Hands-on Workshop on Process Simulation Softwares

(3<sup>rd</sup> to 5<sup>th</sup> September 2021)Attendee List for Workshop

Sr. No.	Name of Student	Mobile No.	Email ID
1	Rutuja Darade	9325895426	rsdarade@mitaoe.ac.in
2	Viraj Dharmawat	8484826173	vldharmawat@mitaoe.ac.in
3	Aditya Sanjiv Jadhav	8806865121	adityajadhav@mitaoe.ac.in
4	Yallesh Mone	9172758903	ylmone@mitaoe.ac.in
5	Aryan Vaisnav	8668335069	arvaisnav@mitaoe.ac.in
6	Patil Ajay Sandipan	9764119869	patilsa@mitaoe.ac.in
7	Samiksha Ghodmare	7620236705	srghodmare@mitaoe.ac.in
8	Vedant Lachake	9130554135	vnlachake@mitaoe.ac.in
9	Rahul Govind Rathod	9348480935	rgrathod@mitaoe.ac.in
10	Kunal Pethe	9139194771	krpethe@mitaoe.ac.in
11	Neha Thakare	9284733779	nmthakare@mitaoe.ac.in
12	Akshay Dani	8999035725	asdani@mitaoe.ac.in
13	Priti Shankar kale	7756047329	pritikale@mitaoe.ac.in
14	Onkar pramod khapre	8369161344	Omkarraopatil123@gmail.com
15	Tejas Gaddekar	9130436507	tvgaddekar@mitaoe.ac.in
16	Mrunal Barapatre	9423229609	mkbarapatre@mitaoe.ac.in
17	Shreyan Suresh Koshti	8408946169	shreyankoshti@mitaoe.ac.in
18	Pratiksha Gore	8275215713	pbgore@mitaoe.ac.in

*S. S. Shende*  
Ms. S.S. Shende  
Coordinator



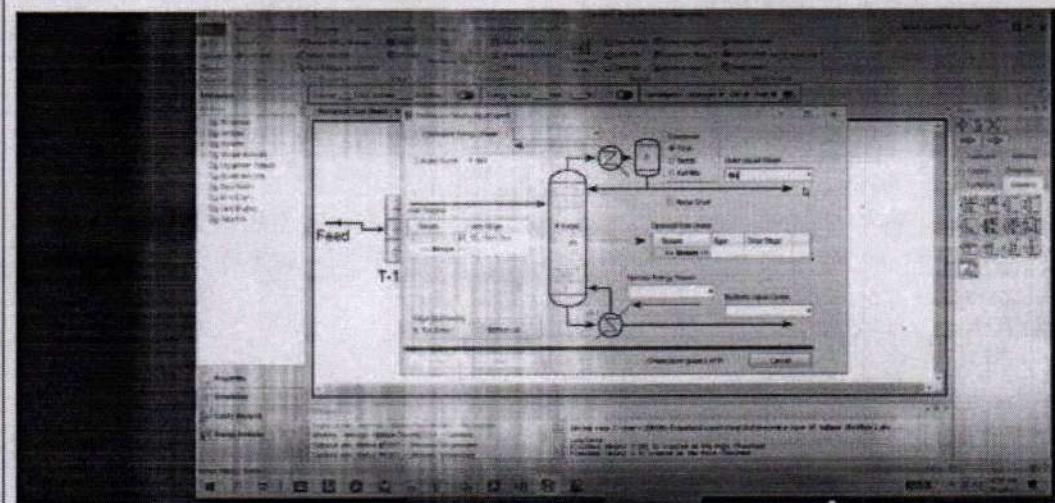
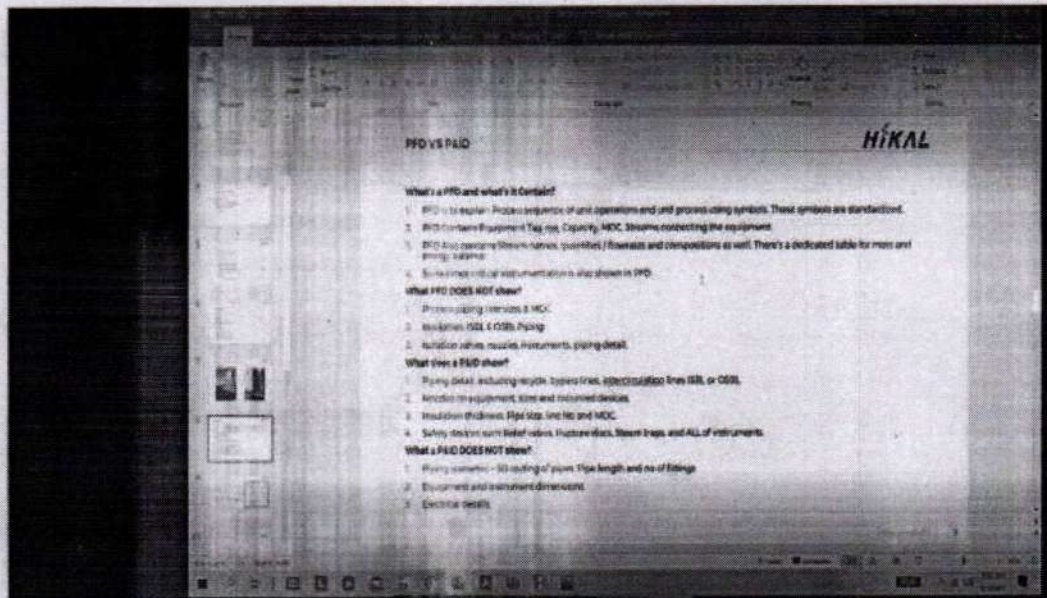


# MIT Academy of Engineering

School of Chemical Engineering

## Screenshots for Three Days Hands on Workshop on Process Simulation Softwares

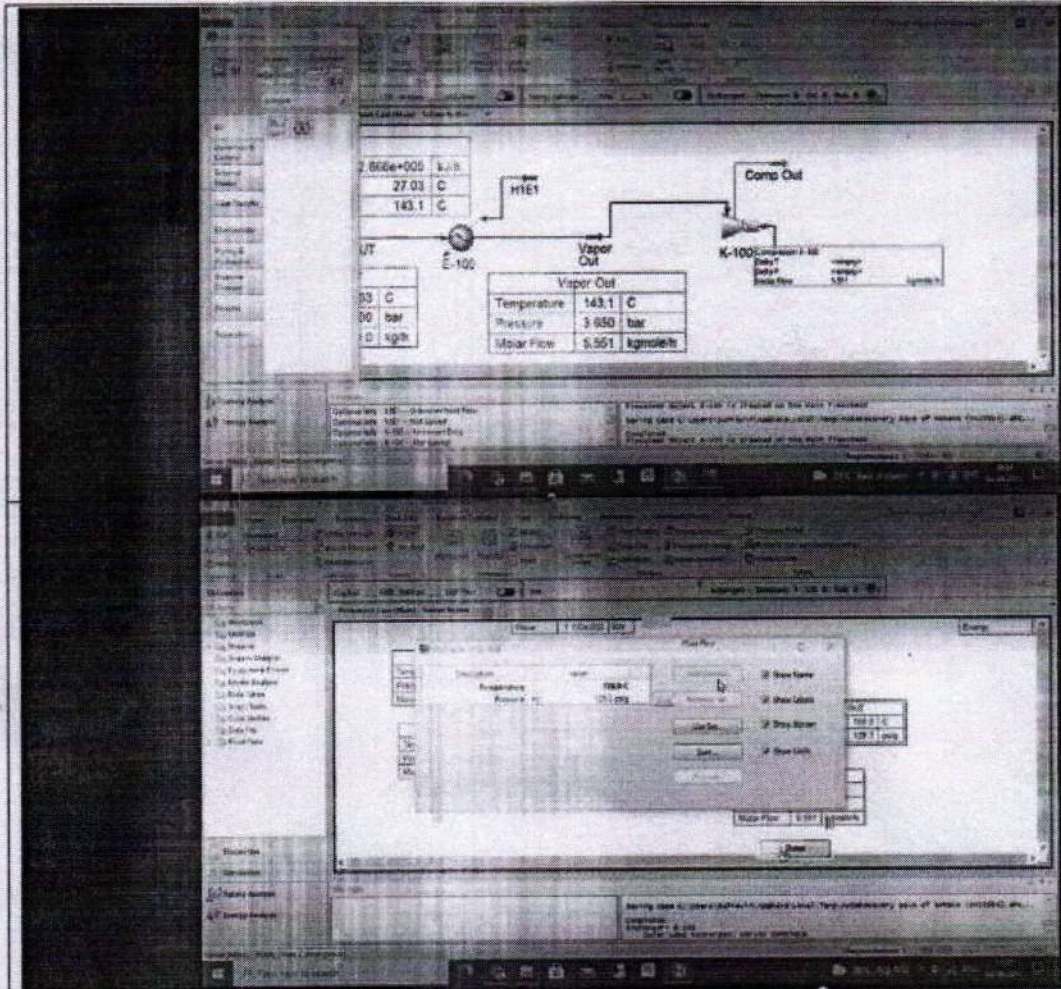
(3<sup>rd</sup> September to 5<sup>th</sup> September 2021)





# MIT Academy of Engineering

School of Chemical Engineering





<b>MIT</b>   <b>Academy of Engineering</b> AN AUTONOMOUS INSTITUTE	Three Days Workshop of ICT Academy in association with Autodesk - 3rd Edition "Design now Challenge" followed by a National level Challenge "India Design Week -2022"	
	ACADEMIC YEAR	2021-22
Alandi (D), Pune – 412105	SUBMITTED BY	Ashwin S. Chandore
Department of Mechanical and Civil Engineering	CONDUCTED BY	Ashwin Chandore, SMCE, MIT AOE
	DATE	21 <sup>st</sup> Oct to 23 <sup>rd</sup> Nov 2021

### REPORT

Activity : Three Days Workshop and National level competition by ICT Academy in Association with Autodesk - 3rd Edition "Design now Challenge" followed by a National level Challenge "India Design Week -2022"

Conducted By : Mechanical Prototyping Course, SMCE, MIT Academy of Engineering.

Trigger Point :

1. Introduction of 3rd Edition "Design now Challenge"
2. Introduction of CAD modeling and its industry demand Autodesk
3. Access for all students
4. Basic Modeling Skills- brush up
5. Assembly Modeling with examples and saving to cloud
6. Overview in Autodesk
7. Generative Design for customized product design in short time
8. Sculpting of virtual models
9. Simulation of assembly with process
10. Innovative model Designing and its national level completion with other colleges students

Date :

Day 1	21/10/2021	Thursday	2-5pm
Day 2	16/11/2021	Tuesday	2-5pm
Day 3	23/11/2021	Tuesday	2-5pm

Venue : Online mode – MS Teams

Level of the Event : College Level



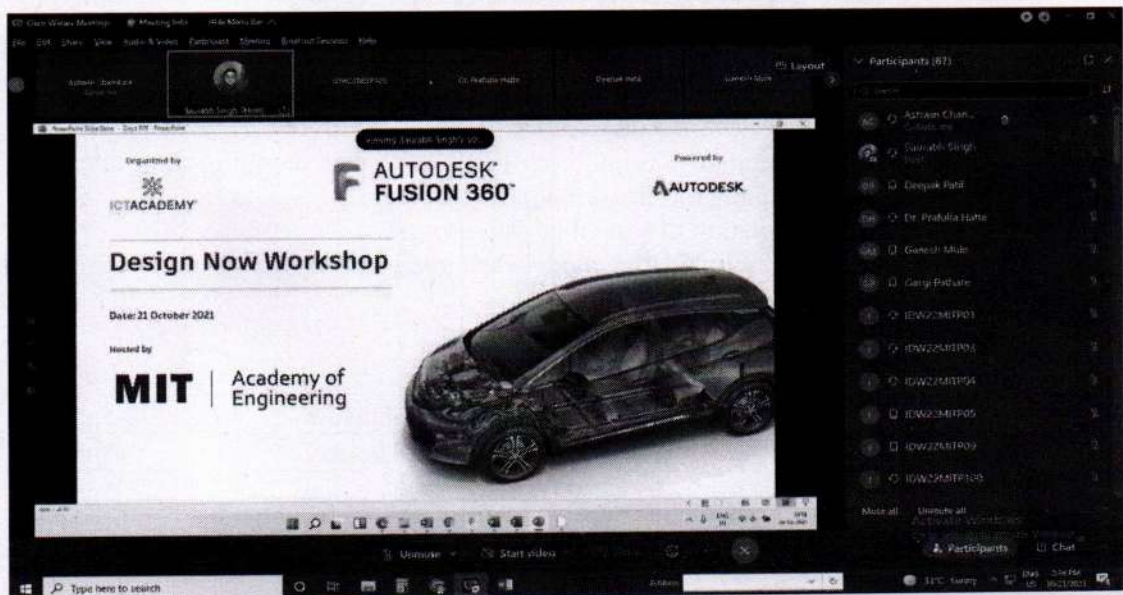
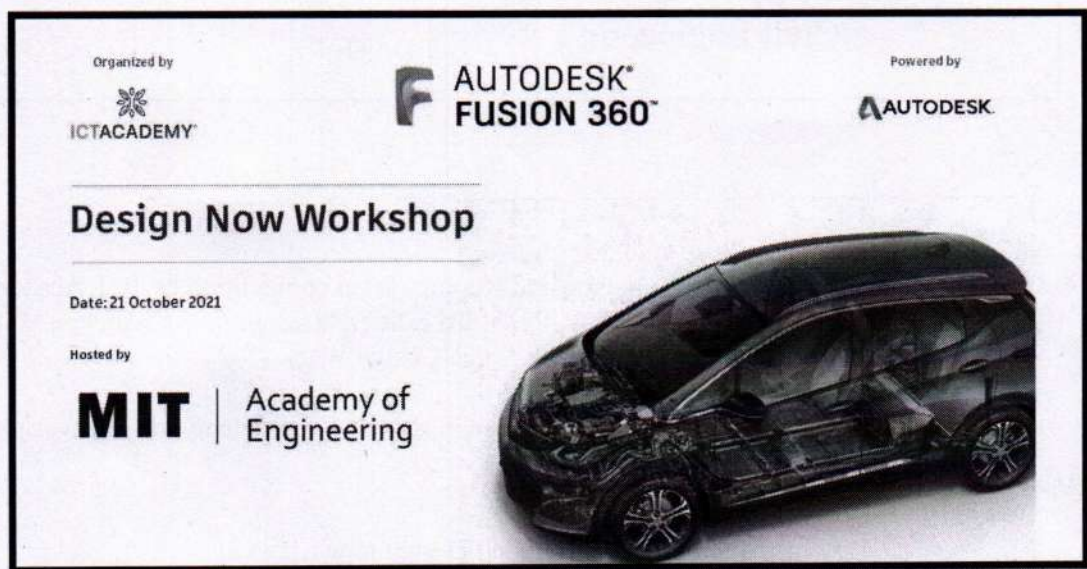


Event Coordinator : Ashwin S Chandore, Asst. Professor. SMCE, MIT AOE.

Expert Speaker : Mr Mohammed Irfan, Mr., Saurabh Choudhary, National Trainers of ICT Academy, Delhi, India

No. of Participant : Approx. 148 students

### Glimpse of Event





<b>MIT</b>   <b>Academy of Engineering</b> AN AUTONOMOUS INSTITUTE	Three Days Workshop of ICT Academy in association with Autodesk - 3rd Edition "Design now Challenge" followed by a National level Challenge "India Design Week -2022"	
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Venue : Online mode – MS Teams

Level of the Event : College Level





Zoom Meeting | Meeting Info | Help Menu | ...

Participants (96)

- Adwin Char...
- Saurabh Singh
- Aveshkar Patil
- Deepak Patil
- Dr. Pratulla Hatt...
- Ganesh Mule
- IDW22MITP01
- IDW22MITP03
- IDW22MITP04
- IDW22MITP05
- IDW22MITP09
- IDW22MITP100

### Agenda

- About India Design Week
- About Fusion 360
- Pre-requisite & Guidelines for IDW 2022
- Autodesk account creation
- Collaboration in Fusion 360

Unmute | Start video | ...

Type here to search

31°C Sunny | 11:52 AM | 10/27/2021

### INDUSTRY REVOLUTIONS

### IDW 2022 Format

```

graph LR
    A[Learn & Certify in Fusion 360] --> B[Design Now Competition]
    B --> C[IDW 2022 Finals]
    A --> D[Day 1, 2 & 3]
    B --> E[Day 4]
    C --> F[Day 5 & 6]
  
```

### DESIGN, ENGINEER & SIMULATE, CAM

Design: Create 3D models with generative design and sketching tools in Fusion 360, and with modeling tools to create finishing features.

Engineer & Simulate: Use FEA and simulation tools to analyze and optimize your designs.

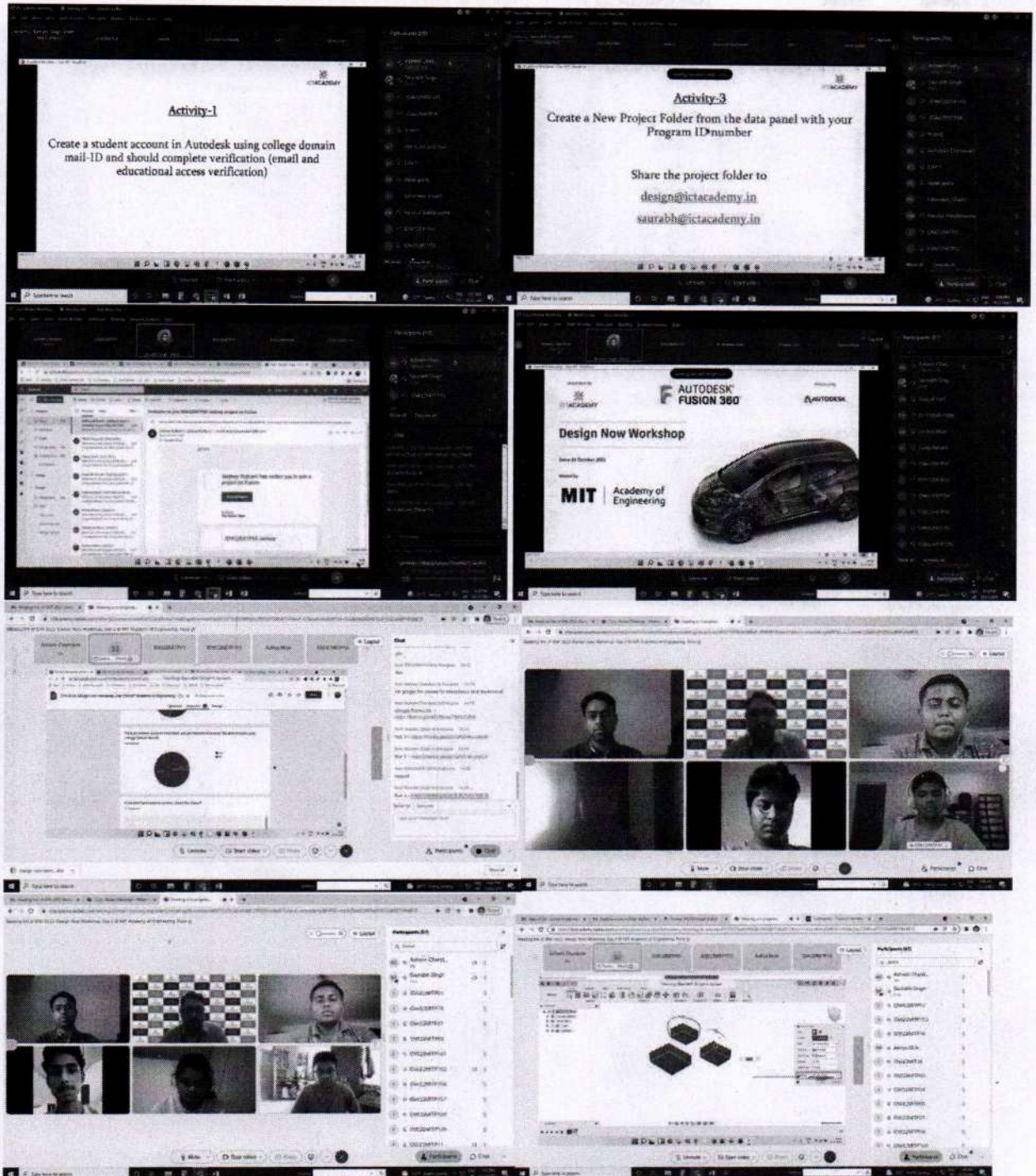
CAM: Create toolpaths to machine your components or use the 3D printing workflow to create a prototype.



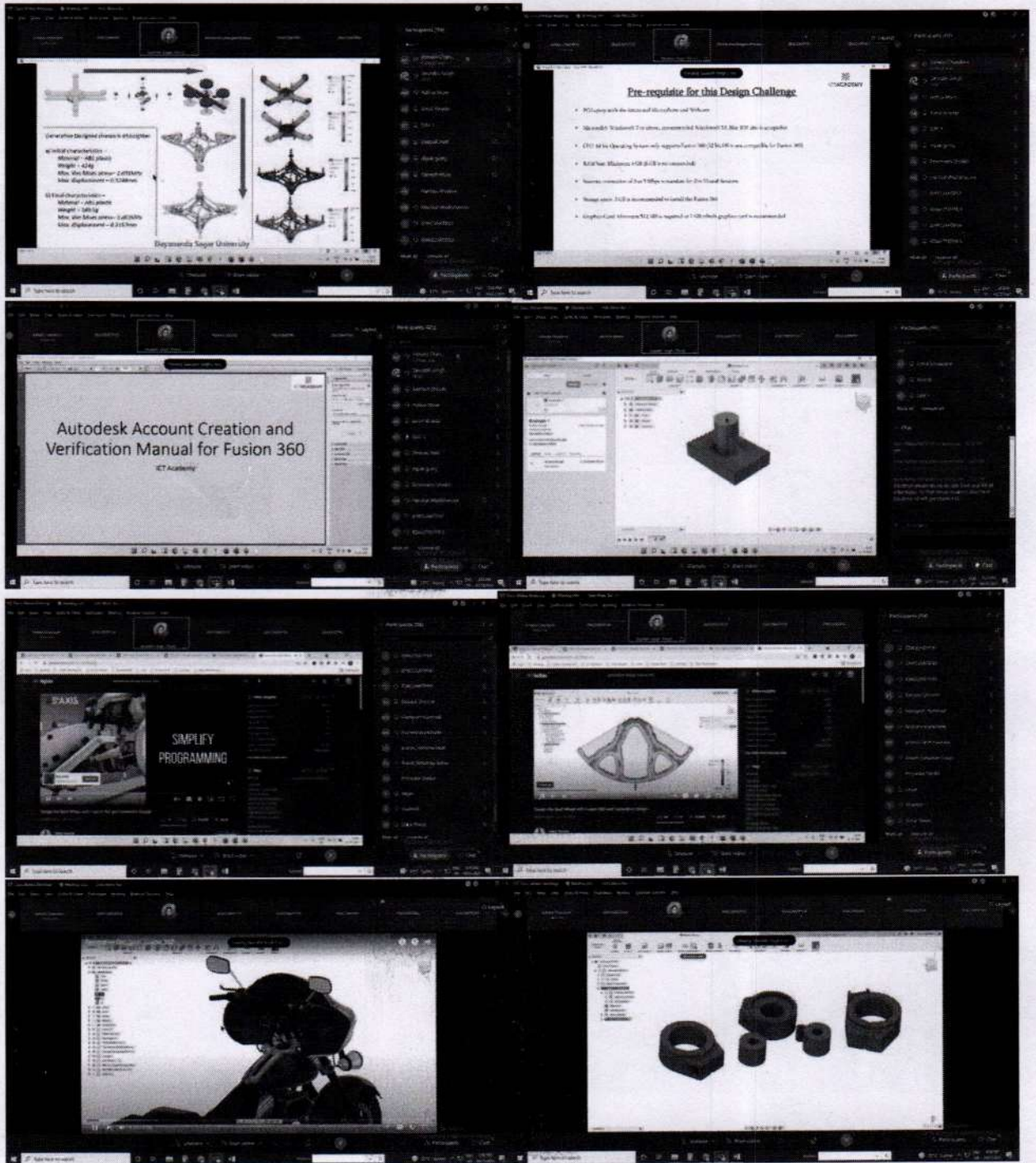














To,  
Director  
MITAOE, Alandi

**Subject:** Request to reimburse the amount to Mr.Vivek Nikam towards the hands-on session on deep learning sequential model.

**Through:** Dean, SCET

**Respected Sir,**

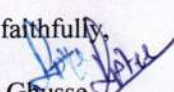
As per above mentioned subject , Mr.Vivek Nikam has been conducted the Hands-on session on deep learning Sequential Model on 11-11-2021 from 12:00PM to 4:00PM for BTech students of deep learning course. The required budget already I have mentioned in sheet shared by Academic deputy director and also I have taken permission from our dean for the same.


I request to reimburse the amount of Rs. 6000 (without TDS) required for the hands-on session conducted on 11-11-2021.

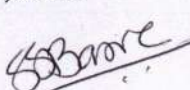
Enclosed: Hands-on session report attendance and resource person details like PAN card and cancel Cheque)

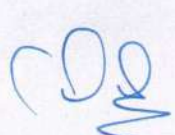
Thanking You

Yours faithfully,

  
Diptee Ghusse,  
Assistant Professor, SCET

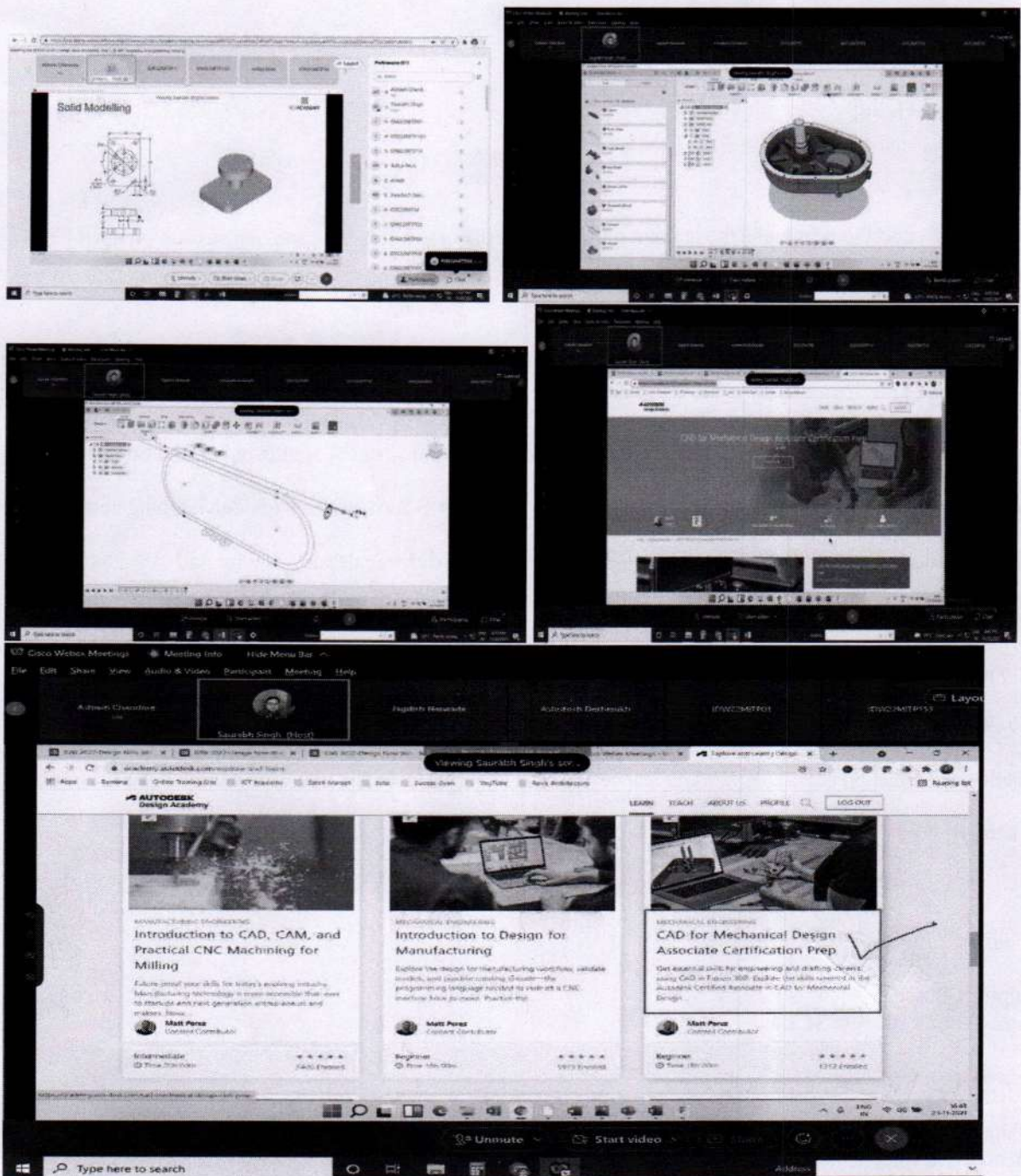
  
Ranjana Barde  
Dean, SCET

  
Dr.Sunita Barve  
Deputy Director Academics and Research, MITAOE

  
Dr.Mahesh Goudar  
Director, MITAOE







Submitted By,  
Ashwin S Chandore  
Mechanical - SMCE




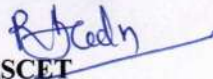
*P. R. Hatte*  
Dr. P. R. Hatte  
Dean, SMCE



**MIT Academy of Engineering, Alandi(D)**  
**School of Computer Engineering & Technology**  
**Hands-on session on deep learning Sequential Model**

1	Name of the Event	:	Hands-on session on deep learning Sequential Model
2	Date and Place	:	11-11-2021
3	Level of the event	:	Department
4	Name of Coordinators	:	Mrs. Diptee Ghusse
5	Organized for	:	B.Tech
9	Number of the participants	:	60
10	Resource person	:	Vivek Nikam ,Machine learning and data science freelancer trainer
11	Event Objectives	:	To understand deep learning sequential model algorithms To explain RNN, LSTM and Attention mechanism. Hands-on on RNN,STM and Attention mechanism algorithm
12	Event Outcomes	:	Student able to implement sequential deep learning Algorithm like RNN.LSTM and attention mechanism for real time applications
13	Brief Report	:	The hands-on session was conducted for the final year students of deep learning course. Total 60 students actively attended this session. The Session was organized Online on MSTEAM platform. <b>Attendee Link Was :</b> <a href="https://teams.microsoft.com/l/meetup-join/19%3aedba3633da7e4e3cacc8d043166156ae%40thread.tacv2/1636605460979?context=%7b%22Tid%22%3a%227e394fc8-4b86-4cfe-810e-43f86f8bec47%22%2c%22Oid%22%3a%22aada6f9f-a444-4896-9bbf-da40c1781c3a%22%7d">https://teams.microsoft.com/l/meetup-join/19%3aedba3633da7e4e3cacc8d043166156ae%40thread.tacv2/1636605460979?context=%7b%22Tid%22%3a%227e394fc8-4b86-4cfe-810e-43f86f8bec47%22%2c%22Oid%22%3a%22aada6f9f-a444-4896-9bbf-da40c1781c3a%22%7d</a> <b>Recording link</b> <a href="https://mitaoepune.sharepoint.com/sites/SCET_BTech_21_22_Open_Elective_DL/Shared%20Documents/Deep%20Learning_TH/Recordings/DL_Monday-20211108_094510-Meeting%20Recording.mp4?web=1">https://mitaoepune.sharepoint.com/sites/SCET_BTech_21_22_Open_Elective_DL/Shared%20Documents/Deep%20Learning_TH/Recordings/DL_Monday-20211108_094510-Meeting%20Recording.mp4?web=1</a>

  
Diptee Ghusse, Session Coordinator

  
Dean, SCET





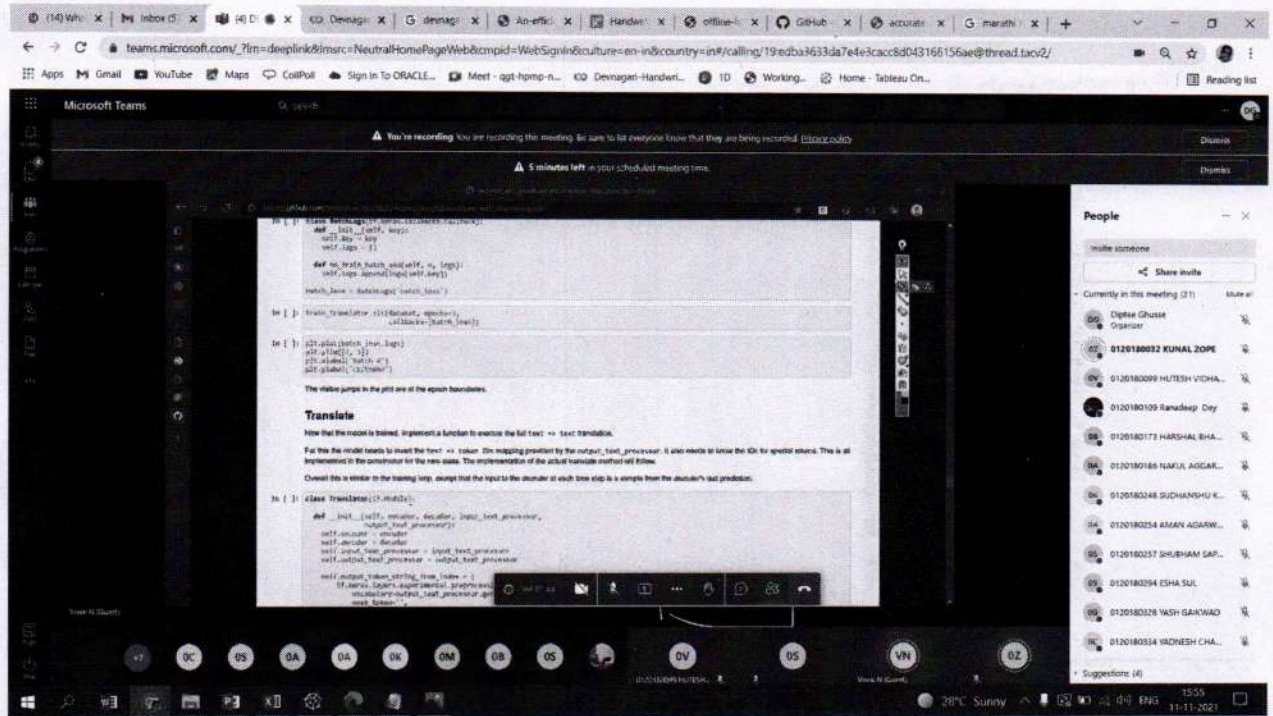
Industry Experts Session for Semester I 2021-2022 (Responses)

Timestamp	Email Address	Name of the School	Name of the	Name of the	Per	Name of the	Name of the	Address of	Email Address	Phone/Mobi	Year	Num	Hono	Num	Hono	Class	Total	Month of Conduction	
717/2021/10:mtg@comp.mae	Research & Development Cell	Research paper A M Maige	NA	Dr. S S Gadhil	NA	MITADE					10	1	NA	NA	NA	Faculty	0	August	Better understanding a
717/2021/10:mtg@comp.mae	Research & Development Cell	Research paper A M Maige	NA	Dr. A N Bhole	NA	MITADE			anbhula@mita	9794277075	22	1	NA	NA	NA	Faculty	0	September	Better understanding a
717/2021/10:mtg@comp.mae	Research & Development Cell	Research paper A M Maige	NA	Dr. A G Kashi	NA	MITADE			agkash@mita	9422984328	21	1	NA	NA	NA	Faculty	0	September	Better understanding a
717/2021/10:mtg@comp.mae	Research & Development Cell	Research paper A M Maige	NA	Dr. P P Kulkarni	NA	MITADE			ppkulkarni@mita	9370262359	9	1	NA	NA	NA	Faculty	0	September	Better understanding a
717/2021/10:mtg@comp.mae	Research & Development Cell	Research paper A M Maige	NA	Dr. P N. Sutar	NA	MITADE			pn.sutar@mita	9630832555	5	1	NA	NA	NA	Faculty	0	September	Better understanding a
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Advanced Java	S B Bharat	50	Mr. Tushar Kute	MITU Technology Second Floor	R kute@tushar			9669968565	17	YRS	24	1000	0	750	Fourth Year B.Tech	24000		
717/2021/10:mtg@comp.mae	School of Computer Engineering and T R Programming	SS Ghodake	50	Mr. Shobha Mu Free lancer	NA	NA			9561099518	15	24	1000	0	750	Fourth Year B.Tech	24000			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Kali Linux with F ST Wars	Mr. Daid Johar	50	Mr. Daid Johar	GJ Technopolis Office No 509	daidjohar@daid			Office No 509, I	12	24	1000	0	750	Fourth Year B.Tech	24000			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Red Hat Linux	Mr. Mayur Palli	100	Faculty From To Redhat Authorize Redhat Authorize	loptacademy@				8482966812	9	YRS	40	1000	0	750	Second Year B.Tech	48000		
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Engineering	Dr. Pramod D. C	0	Mr. Sandeep Sh Autointel	Pune	shrahp@gmail			9511852140	22	01	2000	0	0	Second Year B.Tech	2000			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Deep Learning	Diptee Ghutase	10	Vivek Nikam	Freelancer Train Pune	viveknika1@			9011595436	7	2	3000	3	3000	Fourth Year B.Tech	6000			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Deep Learning	Diptee Ghutase	5	Abhishek Desgiri	CopperCloud IO	CopperCloud IO	abhishekdesgiri		7788032613	12	1	1500	1	1500	Fourth Year B.Tech	3000			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Data Structures	Dr. Rajeshwari G	100	Geeta Thyagar	Smart Hand Pvt Smart Hand Pvt	geetiayag@gmail			9880824733	6+	1	2500	00	00	Second Year B.Tech	2500			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Artificial Intelligence	Dr. Sumita Baner	5	Sumita jairabhad cummins	pune										TY B.Tech	3000			
717/2021/10:mtg@comp.mae	School of Computer Engineering and T Research based Guest lecture	Dr. Anurag	100	Dr. APURVAM Venu Institute	Venu Institute	anurag@anurag			6300255113	20+	1	3000	0	0	Fourth Year B.Tech	3000			
717/2021/10:mtg@comp.mae	School of Electrical Engineering	Machine Learning Rashikesh Bori	5	Mr. Swapnil Din Nice Ltd	(Nagpur) 8th Floor, Block	swapnil.din@swa			9673336796	15	2	2000	1	2000	Fourth Year B.Tech	6000			
717/2021/12:raahadekar@mita	School of Electrical Engineering	Skill Development Shrihar A Khar	50	Mr. Tushar Kute	MITU Technology Second Floor	R kute@tushar			9869968565	17	YRS	26	1000	66	750	Third Year B.Tech	67750	August-November	This is skill course. The OOP from a faculty (he will help the students to
717/2021/12:uyyema@mita	School of Electrical Engineering	Essentials of Hi Usha Verma	10	Dr. Yogesh Sing Zoram Medical	Government me dyogeshsingh4	dyogeshsingh4			4910764429456	10	4	1000	0	0	Third Year B.Tech	4000			
717/2021/11:ashchavan@mita	School of Electrical Engineering	Skill Development Ashish D Chur	1	Swapnil D Dash ACG World	Mumbai	dashed01@			9604957492	1	2	1000	0	0	Second Year B.Tech	2000			
717/2021/11:shudrao@mita	School of Electrical Engineering	VLSI design Shilpa Rudrawa	5	Ankur	CoreEL Technol CoreEL Technol	ankur@coreel			8826082619	5 years	1	2500	0	0	Fourth Year B.Tech	2500			
717/2021/14:spawar@mita	School of Electrical Engineering	Engineering Inf: Santa Pawar	5	Amar Kalvate	Liberty Global	Schopni-Raj	S Amar kalvate@		931646970820	18	2	3000	0	0	Second Year B.Tech	4000			
717/2021/14:ajankar@mita	School of Electrical Engineering	Electronic Device Aniket K. Karmal	5	Mr. Jayesh Jain	Robu.R	Sumant Building	jayeshjain@robu		7893224322	7 years	2	2000	0	0	Second Year B.Tech	5000			
717/2021/11:incvchule@mita	School of Electrical Engineering	Embedded Syst Mahesh Vithula	5	Mr. Karan Palei	EduTech learnin Vadodara	Gujarat	karans2007@		9496863222	12	5	1000	2	1000	Third Year B.Tech	6000			
717/2021/18:raan.sethi@mita	School of Humanities and Engineering	Engineering For Dimple Chaudhar	100	Mr. Chintan	Tin Kalia Institute of Management	chintan@tin			8793147131	4	50	1000	0	0	Fourth Year B.Tech	50000		Exercised out course in	

Form Responses 1 Summary







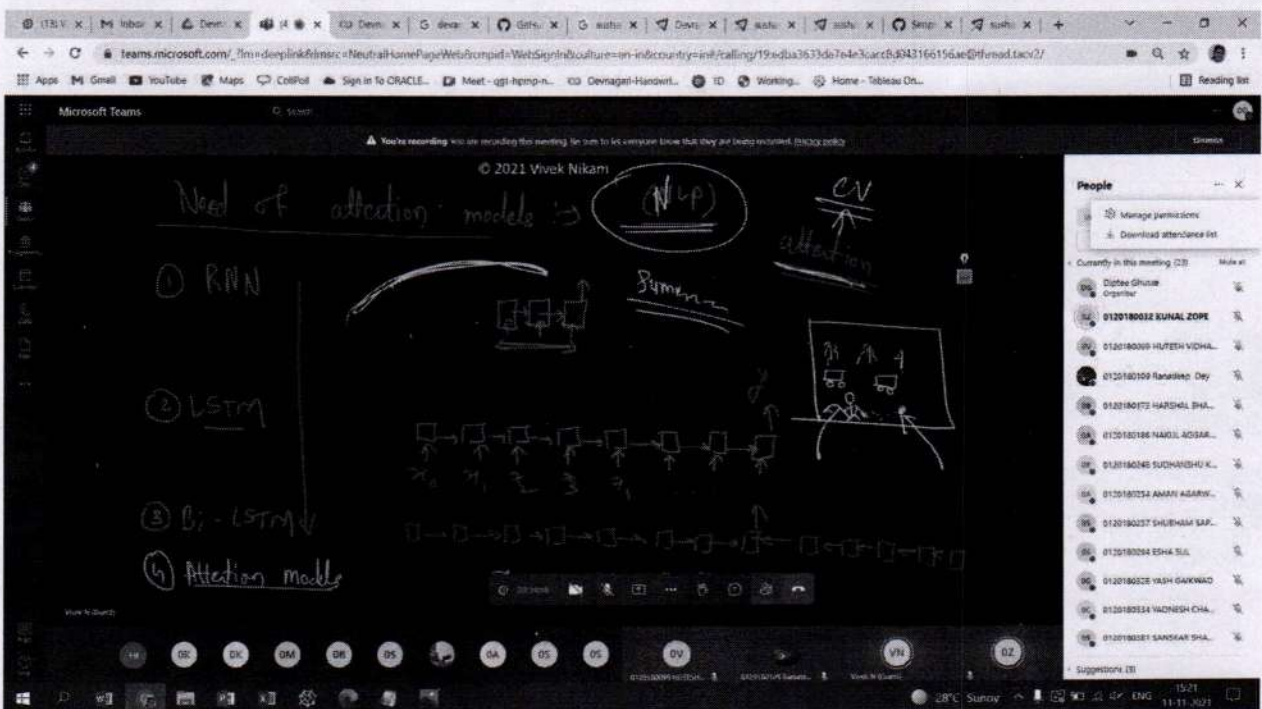
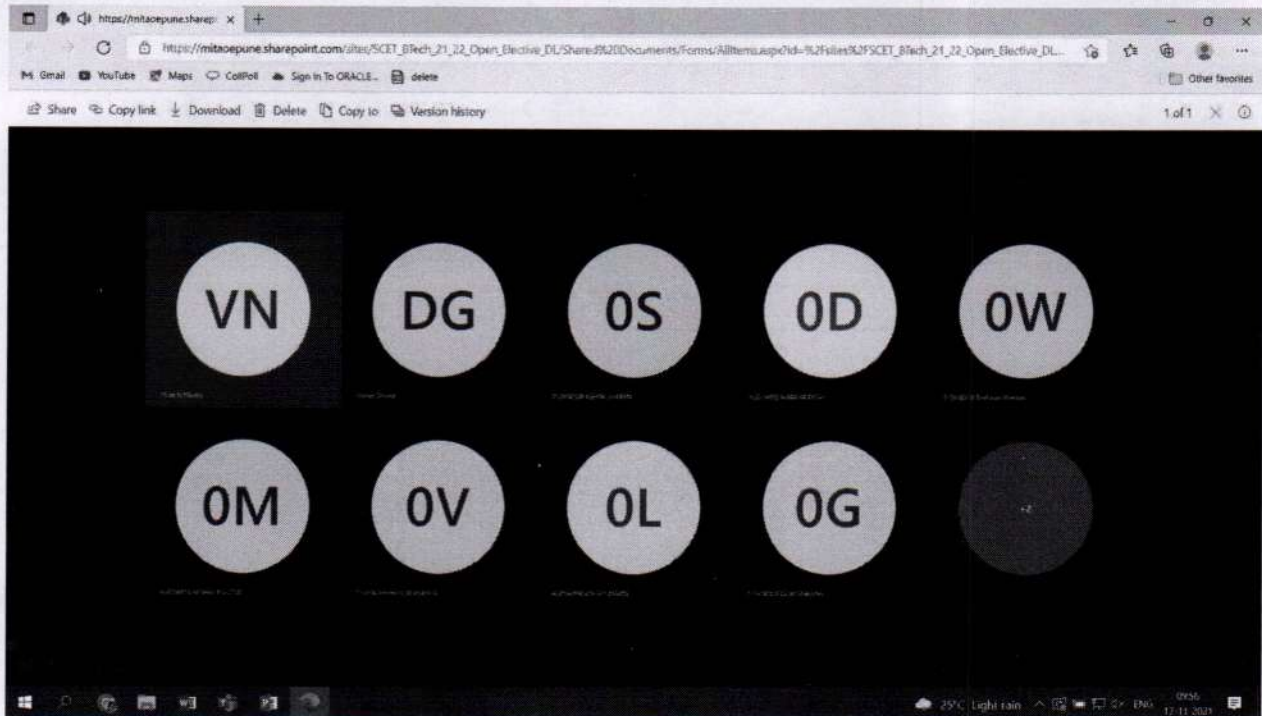
## MSTEAM Attendance

Meeting Summary					
Total Number of Participants	53				
Meeting Id					
Full Name	Join Time	Email	Role	Participant ID (UPN)	
Diptee Ghusse	11/11/2021, 11:42:21 AM	Diptee.Ghusse@msteams.mitaoe.ac.in	Organizer	Diptee.Ghusse@msteams.mitaoe.ac.in	
Vivek N (Guest)	11/11/2021, 11:45:21 AM		Presenter		
0120180238 PREMCHAND INGALE	11/11/2021, 11:46:17 AM	0120180238@msteams.mitaoe.ac.in	Presenter	0120180238@msteams.mitaoe.ac.in	
0120180391 DIVYA KUNDALE	11/11/2021, 11:48:38 AM	0120180391@msteams.mitaoe.ac.in	Presenter	0120180391@msteams.mitaoe.ac.in	
0120180539 AKASH ANSHU	11/11/2021, 11:49:09 AM	0120180539@msteams.mitaoe.ac.in	Presenter	0120180539@msteams.mitaoe.ac.in	
0120180240 DARSHAN MANTRI	11/11/2021, 11:49:43 AM	0120180240@msteams.mitaoe.ac.in	Presenter	0120180240@msteams.mitaoe.ac.in	
0220190059 AKSHAY MASTUD	11/11/2021, 11:50:11 AM	0220190059@msteams.mitaoe.ac.in	Presenter	0220190059@msteams.mitaoe.ac.in	





## Photos:





0220190092 MANDAR DESAI	11/11/2021, 12:04:54 PM	0220190092@msteams.mitaoe.ac.in	Presenter	0220190092@msteams.mitaoe.ac.in
0120180504 ROWNAK TIWARI	11/11/2021, 12:04:59 PM	0120180504@msteams.mitaoe.ac.in	Presenter	0120180504@msteams.mitaoe.ac.in
0120180296 MIHIR SHAH	11/11/2021, 12:05:06 PM	0120180296@msteams.mitaoe.ac.in	Presenter	0120180296@msteams.mitaoe.ac.in
0120180135 CHETAN SALMOTRA	11/11/2021, 12:05:47 PM	0120180135@msteams.mitaoe.ac.in	Presenter	0120180135@msteams.mitaoe.ac.in
0120180060 PRANAV GAWADE	11/11/2021, 12:06:40 PM	0120180060@msteams.mitaoe.ac.in	Presenter	0120180060@msteams.mitaoe.ac.in
0120180099 HUTESH VIDHATE	11/11/2021, 12:07:42 PM	0120180099@msteams.mitaoe.ac.in	Presenter	0120180099@msteams.mitaoe.ac.in
0120180381 SANSKAR SHARMA	11/11/2021, 12:07:46 PM	0120180381@msteams.mitaoe.ac.in	Presenter	0120180381@msteams.mitaoe.ac.in
0120180173 HARSHAL BHARRE	11/11/2021, 12:08:34 PM	0120180173@msteams.mitaoe.ac.in	Presenter	0120180173@msteams.mitaoe.ac.in
0120180194 ROHAN LAD	11/11/2021, 12:10:38 PM	0120180194@msteams.mitaoe.ac.in	Presenter	0120180194@msteams.mitaoe.ac.in
0120180181 SALONI SHARMA	11/11/2021, 12:10:57 PM	0120180181@msteams.mitaoe.ac.in	Presenter	0120180181@msteams.mitaoe.ac.in
0220190153 YOGESH GAIKWAD	11/11/2021, 12:14:06 PM	0220190153@msteams.mitaoe.ac.in	Presenter	0220190153@msteams.mitaoe.ac.in
0120180454 KUMAR PURUSHOTTAM	11/11/2021, 12:15:23 PM	0120180454@msteams.mitaoe.ac.in	Presenter	0120180454@msteams.mitaoe.ac.in
0120190298 YEESHANT DAHIKAR	11/11/2021, 12:17:07 PM	0120190298@msteams.mitaoe.ac.in	Presenter	0120190298@msteams.mitaoe.ac.in
0120190210 AKASH ATHANI	11/11/2021, 12:17:47 PM	0120190210@msteams.mitaoe.ac.in	Presenter	0120190210@msteams.mitaoe.ac.in
0120180432 SWARAJ MOTIWALE	11/11/2021, 12:22:28 PM	0120180432@msteams.mitaoe.ac.in	Presenter	0120180432@msteams.mitaoe.ac.in
0120180248 SUDHANSHU KALE	11/11/2021, 12:27:32 PM	0120180248@msteams.mitaoe.ac.in	Presenter	0120180248@msteams.mitaoe.ac.in
0120180481 PRATIKSHA SABALE	11/11/2021, 12:28:14 PM	0120180481@msteams.mitaoe.ac.in	Presenter	0120180481@msteams.mitaoe.ac.in
0120180491 VEDANT TAPARIA	11/11/2021, 12:32:48 PM	0120180491@msteams.mitaoe.ac.in	Presenter	0120180491@msteams.mitaoe.ac.in
0220190111 POOJA KAULGE	11/11/2021, 12:36:43 PM	0220190111@msteams.mitaoe.ac.in	Presenter	0220190111@msteams.mitaoe.ac.in
0120180525 VIVEK GUPTA	11/11/2021, 12:38:37 PM	0120180525@msteams.mitaoe.ac.in	Presenter	0120180525@msteams.mitaoe.ac.in





0120180109 Ranadeep Dey	11/11/2021, 11:50:16 AM	0120180109@msteams.mitaoe.ac.in	Presenter	0120180109@msteams.mitaoe.ac.in
0120180032 KUNAL ZOPE	11/11/2021, 11:50:20 AM	0120180032@msteams.mitaoe.ac.in	Presenter	0120180032@msteams.mitaoe.ac.in
0220190197 ANUPAMA DESHMUKH	11/11/2021, 11:56:58 AM	0220190197@msteams.mitaoe.ac.in	Presenter	0220190197@msteams.mitaoe.ac.in
0120180186 NAKUL AGGARWAL	11/11/2021, 11:57:58 AM	0120180186@msteams.mitaoe.ac.in	Presenter	0120180186@msteams.mitaoe.ac.in
0120180294 ESHA SUL	11/11/2021, 11:57:59 AM	0120180294@msteams.mitaoe.ac.in	Presenter	0120180294@msteams.mitaoe.ac.in
0120180257 SHUBHAM SAPKAL	11/11/2021, 11:59:33 AM	0120180257@msteams.mitaoe.ac.in	Presenter	0120180257@msteams.mitaoe.ac.in
0220190024 AASHISH NAGPURE	11/11/2021, 12:00:03 PM	0220190024@msteams.mitaoe.ac.in	Presenter	0220190024@msteams.mitaoe.ac.in
0120180334 YADNESH CHAUDHARI	11/11/2021, 12:00:46 PM	0120180334@msteams.mitaoe.ac.in	Presenter	0120180334@msteams.mitaoe.ac.in
0120200049 AVINASH CHANDORE	11/11/2021, 12:01:14 PM	0120200049@msteams.mitaoe.ac.in	Presenter	0120200049@msteams.mitaoe.ac.in
0120180337 SHASHANK ATTARDE	11/11/2021, 12:01:31 PM	0120180337@msteams.mitaoe.ac.in	Presenter	0120180337@msteams.mitaoe.ac.in
0220190165 GAURAV RATHOD	11/11/2021, 12:01:59 PM	0220190165@msteams.mitaoe.ac.in	Presenter	0220190165@msteams.mitaoe.ac.in
0220190038 ATHARV LIGADE	11/11/2021, 12:02:16 PM	0220190038@msteams.mitaoe.ac.in	Presenter	0220190038@msteams.mitaoe.ac.in
Dr. Shrikant Salve	11/11/2021, 12:02:37 PM	Shrikant.Salve@msteams.mitaoe.ac.in	Presenter	Shrikant.Salve@msteams.mitaoe.ac.in
0120180538 ASHISH SHARMA	11/11/2021, 12:02:42 PM	0120180538@msteams.mitaoe.ac.in	Presenter	0120180538@msteams.mitaoe.ac.in
0120180328 YASH GAIKWAD	11/11/2021, 12:02:50 PM	0120180328@msteams.mitaoe.ac.in	Presenter	0120180328@msteams.mitaoe.ac.in
0120180479 AMIT KUMAR	11/11/2021, 12:03:04 PM	0120180479@msteams.mitaoe.ac.in	Presenter	0120180479@msteams.mitaoe.ac.in
0120180190 ANIKET SAWANT	11/11/2021, 12:03:25 PM	0120180190@msteams.mitaoe.ac.in	Presenter	0120180190@msteams.mitaoe.ac.in
0120180116 Trisharan Wahane	11/11/2021, 12:03:41 PM	0120180116@msteams.mitaoe.ac.in	Presenter	0120180116@msteams.mitaoe.ac.in
0220190138 Pratik Pawar	11/11/2021, 12:04:25 PM	0220190138@msteams.mitaoe.ac.in	Presenter	0220190138@msteams.mitaoe.ac.in
0120180293 ADITI PANDEY	11/11/2021, 12:04:46 PM	0120180293@msteams.mitaoe.ac.in	Presenter	0120180293@msteams.mitaoe.ac.in





आयकर विभाग  
INCOME TAX DEPARTMENT



भारत सरकार  
GOVT. OF INDIA

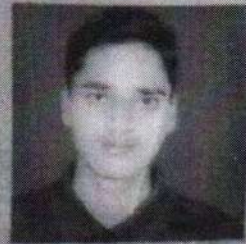
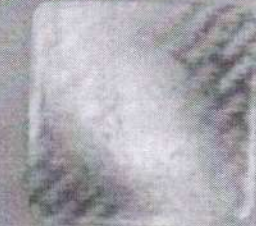
VIVEK NIKAM

SURESH JAGANNATH NIKAM

02/04/1991

Permanent Account Number  
ANTPN0809N

Signature



15072011

**ICICI Bank**  
Pune Fatimanagar Branch  
Tain Square, Near Reliance Mart, Fatima Nagar, Pune - 411040  
RTGS / NEFT IFS Code : ICIC0001479

VALID FOR THREE MONTHS

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Pay

Rupees रुपये

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A/c No.  
खाता नं.

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VISA CARD

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SBKIT

CBS

PERSONAL BANKING - NEW SAVINGS ACCOUNT  
60012314750152184100041231475015218410004123147501521841  
Payable at par at all branches of ICICI Bank Limited in India



Vivek Suresh Nikam

⑈000412⑈ 411229033⑈ 521841⑈ 31





0120180425 AJAY BHILARE	11/11/2021, 12:44:42 PM	0120180425@msteams.mitaoe.ac.in	Presenter	0120180425@msteams.mitaoe.ac.in
0120180218 TEJAS KSHIRSAGAR	11/11/2021, 12:59:07 PM	0120180218@msteams.mitaoe.ac.in	Presenter	0120180218@msteams.mitaoe.ac.in
0120180486 DIGVIJAY SINGH	11/11/2021, 1:35:33 PM	0120180486@msteams.mitaoe.ac.in	Presenter	0120180486@msteams.mitaoe.ac.in
0120180254 AMAN AGARWAL	11/11/2021, 1:44:39 PM	0120180254@msteams.mitaoe.ac.in	Presenter	0120180254@msteams.mitaoe.ac.in
0120180568 MANISH SHINGARE	11/11/2021, 2:10:13 PM	0120180568@msteams.mitaoe.ac.in	Presenter	0120180568@msteams.mitaoe.ac.in
0220190076 PRANAV VIKHARANKAR	11/11/2021, 2:34:09 PM	0220190076@msteams.mitaoe.ac.in	Presenter	0220190076@msteams.mitaoe.ac.in





**MIT Academy of Engineering, Alandi(D)**  
**School of Computer Engineering & Technology**  
**Guest Lecture On OpenGL**

1	Name of the Event	:	Guest Lecture On OpenGL
2	Date and Place	:	24 <sup>th</sup> December 2021, Online (MS Teams)
3	Level of the event	:	Department
4	Name of Coordinators	:	Mrs Mayura Kulkarni
5	Organized for	:	Second Year B.Tech Students (COMP and IT)
9	Number of the participants	:	185
10	Resource person	:	Mrs. Yogita Hambir, AIT, Pune
11	Event Objectives	:	This Guest Lecture has given 1. Introduction to OpenGL 2. How to write Computer Graphics programs using OpenGL
12	Event Outcomes	:	Outcomes of Events: Students were able to understand OpenGL and how to write Computer Graphics programs using OpenGL
13	Brief Report	:	Guest Lecture on OpenGL was organized for Second Year B.Tech students of Computer Engineering and Information Technology students on 24 <sup>th</sup> December 2021. This session mainly focus on how to write computer graphics program using OpenGL. OpenGL is a freeware software. This session demonstrated how to apply rendering to 2D as well as 3D objects.

*M. A. Kulkarni*  
Mrs M.A. Kulkarni  
Coordinator

*R. R. Badre*  
Mrs. R. R. Badre  
Dean, SCET











Academy of  
Engineering

(An Autonomous Institute)

School of Computer Engineering & Technology

### Report of Student Centric Event


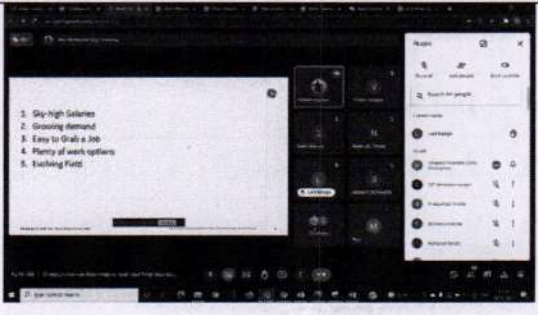

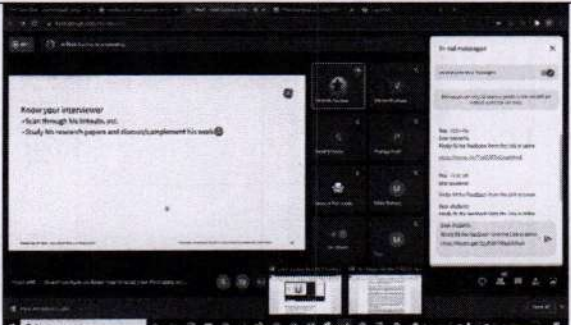
1	<b>Name of the Event</b>	Guest Lecture on "Road map to land your First Data Science Job"
2	<b>Date and Place</b>	18 Dec 2021 Google Meet
3	<b>Level of the event</b>	College Level
4	<b>Mode of Conduction</b>	Online
5	<b>Name of Coordinators</b>	Mrs. Minakshi N Vharkate
9	<b>Organized for</b>	SY, TY Students
10	<b>Number of the participants</b>	55
11	<b>Resource person</b>	Hrithik Auchar
12	<b>Event Objectives</b>	To prepare the students for the Placement for Data Science job
13	<b>Event Outcomes</b>	Students understand the steps for cracking the interview.
14	<b>Brief Report</b>	<p>The Guest lecture was conducted for the TY Btech students and SY batch . Total 52 students joined. The platform used here is Google Meet.</p> <p><a href="https://drive.google.com/file/d/1vHVX7YBT4WGHbquuC1062RHQy5zgvKfE/view">https://drive.google.com/file/d/1vHVX7YBT4WGHbquuC1062RHQy5zgvKfE/view</a></p>





15	Recording Link(if applicable)	

## Photos

	
Hritik Awachar Session	Points to be discussed
	
Transformation in tech hiring concept	How to face Interviewer

*Wheakll*  
Coordinators

*Stach*  
SCET





**MIT****Academy of  
Engineering**

(An Autonomous Institute)

**School of Computer Engineering & Technology****Report of Student Centric Event**





1	<b>Name of the Event</b>	Guest Lecture on "Golden Age of Data"
2	<b>Date and Place</b>	18 Dec 2021 Google Meet
3	<b>Level of the event</b>	College Level
4	<b>Mode of Conduction</b>	Online
5	<b>Name of Coordinators</b>	Mrs. Minakshi N Vharkate
9	<b>Organized for</b>	SY, TY Students
10	<b>Number of the participants</b>	52
11	<b>Resource person</b>	Priya Dingorkar
12	<b>Event Objectives</b>	To prepare the students for the Placement for Data Science job
13	<b>Event Outcomes</b>	Students understand the steps for cracking the interview.
14	<b>Brief Report</b>	<p>The Guest lecture was conducted for the TY Btech students and SY batch . Total 52 students joined. The platform used here is Google Meet.</p> <p><a href="https://drive.google.com/file/d/1vHVX7YBT4WGHbquuC1062RHQy5zgvKfE/view">https://drive.google.com/file/d/1vHVX7YBT4WGHbquuC1062RHQy5zgvKfE/view</a></p>





15	Recording Link(if applicable)	
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## Photos

	
Priya Giving Lecture on Golden Age of Data	About Priya
	
Discussion with students	Rolls in Data Science

*Shashli*  
Coordinators

*Shashli*  
SCET





<b>MIT</b> Academy of Engineering (An Autonomous Institute)		<b>GUEST LECTURE REPORT</b>	
Alandi (D), Pune – 412105		ACADEMIC YEAR	2021 – 2022
DEPARTMENT OF CHEMICAL ENGG.		CLASS	B. Tech
DATE OF GUEST LECTURE: 31/12/2021		SEMESTER	VII
TOPIC		Mock Group Discussion Session for JSW	
NAME OF EXPERT		Mrs. Anjali Atre	
DESIGNATION AND ADDRESS OF EXPERT		Founder and Director, Aspire Training Solutions, Pune	
GUEST LECTURE ORGANIZED BY		Mr. S.S. Gandhi	
NUMBER OF STUDENTS PRESENT		45	

**Details of Lecture:**

Mode: Online on MS Teams

**Details of Lecture:** The guest lecture was organized for final year chemical engineering students to give an idea about group discussion activity conducted during the selection interview for JSW Steel Ltd. The resource person discussed the points to be considered during the group discussion session and also conducted the mock group discussion session to give students insight about how to tackle the said activity conducted during the sepection process by the companies.





Microsoft Teams

012020029... DJ

Prof. Prabh... Dr. Sushma ...

Sini Ronson Atharva Wa... +243

am panara... AM

Swaroop Edke (Guest)

Type here to search

17°C ENG 08:32 AM 27-12-2021

**Participants**

Type a name

Share invite

**Presenters (4)**

- AM Archana Mane
- 0120200296 bhargav Petkar
- Dr. Sushma Kulkarni
- Sini Ronson Organizer

**Attendees (245)**

- 2P 202101040110 siddhesh paith...
- 2K 202101040214 Sakshi urtam k... Meeting guest
- 2M 202101040236 omkar mohare
- 2 202101060014 (Guest) Meeting guest





**Report: Guest Lecture by Dr. Pranjal Kumar Phukan on 5<sup>th</sup> February , 2022 on 'Design Based approach in Industrialization of mining and mineral'**

School of Mechanical and Civil Engineering, MITAOE along with the Institution of Mechanical Engineer's (IMechE, UK) Students Chapter organized Guest Lecture by Dr. Pranjal Kumar Phukan on 'Design Based approach in Industrialization of mining and mineral' on Saturday, 5<sup>th</sup> February 2022 at 3.00 pm.

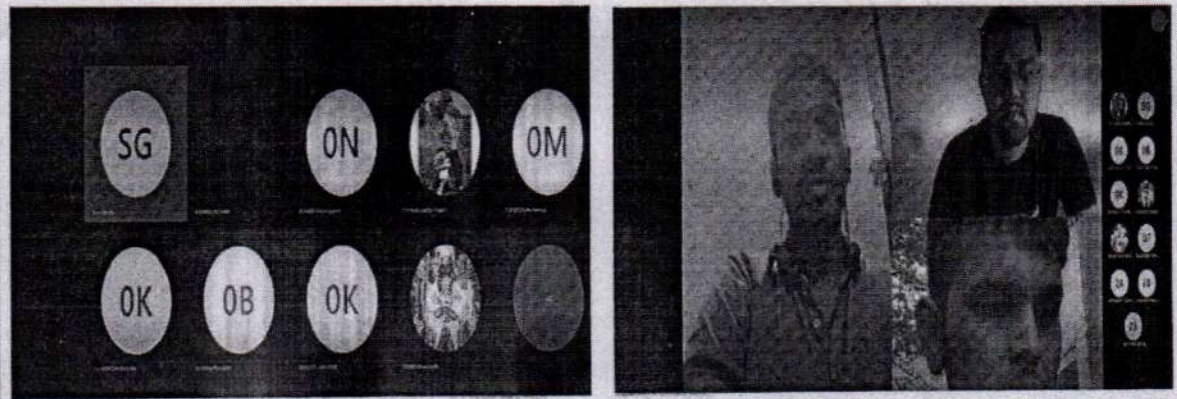
Mr. Sudhanshu shared his experiences and thoughts on Design based approach in mining industry. About 40 participants including students, faculties and industry participants from various organizations participated in the event and interacted with Mr. Pranjal Kumar.

Dr. P.R.Hatte welcomed and thanked Mr. Pranjal Kumar on behalf of MITAOE. Session was organized by Mr.V.P.Kulkarni from SMCE and was coordinated on digital platform by Mrs. Mayuri Pokharna from SMCE. Attended by 22 attendees including students and faculties across the college.





Photographs:



*[Handwritten signature]*

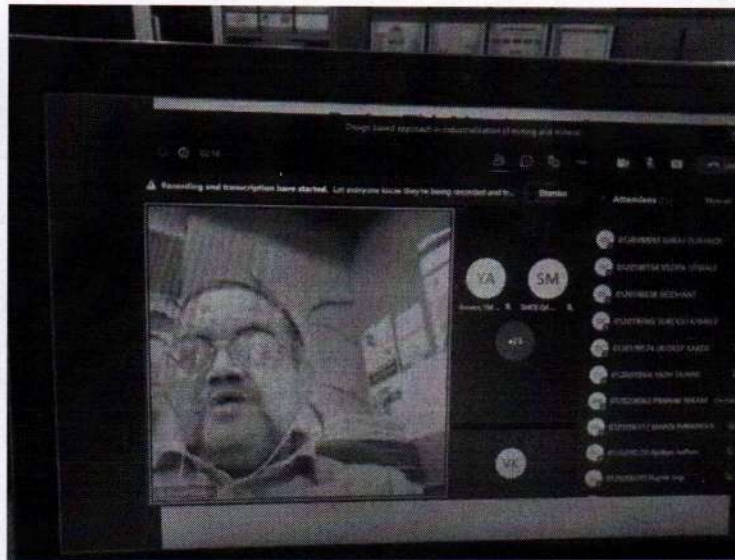
Signature of faculty

*[Handwritten signature]*

Signature of Dean







**MIT** | Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Institution of  
**MECHANICAL  
ENGINEERS**

Webinar on  
**Design Based Approach in  
Industrialization of Mining & Mineral**

Speaker

**Dr. Pranjal Kumar Phukan**

Founder- Timbre Advisors Private Limited

Organised by-IMechE



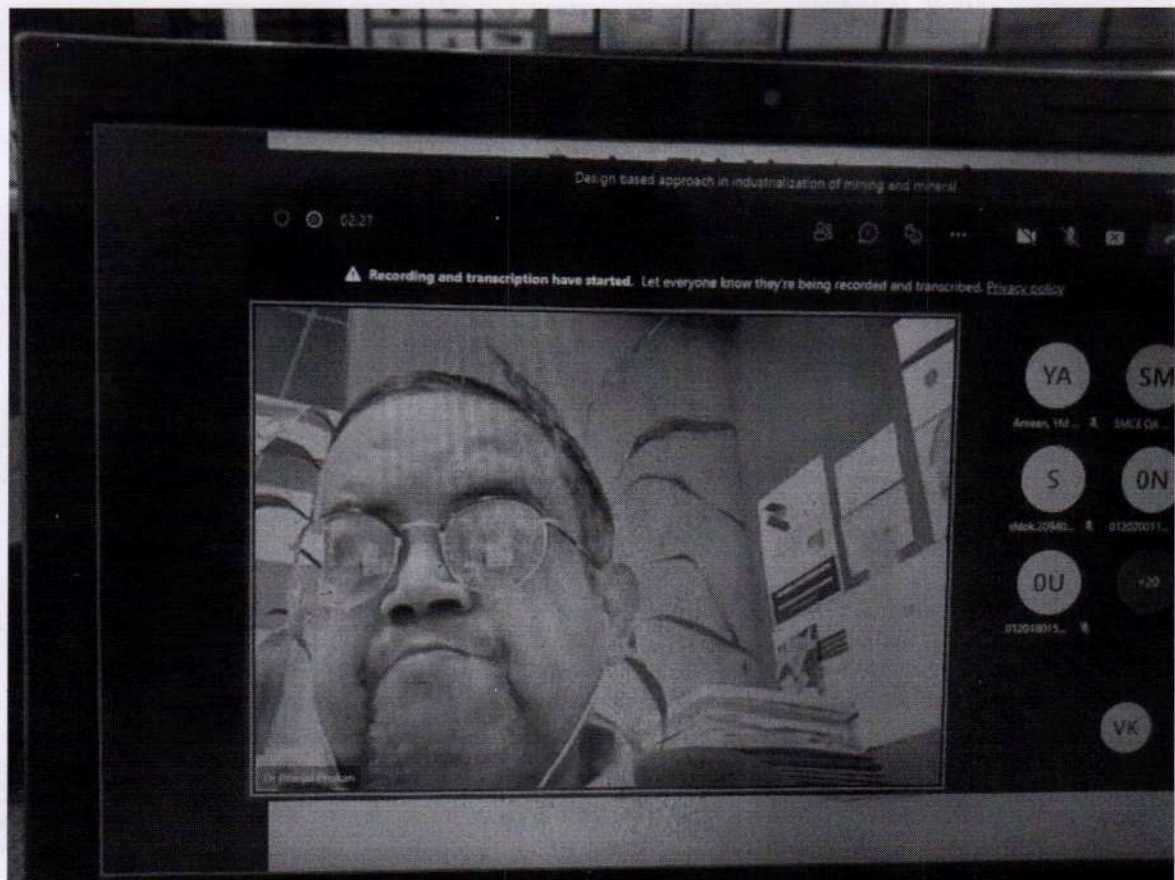
Date : 5th February 2022

Time : 3.00 pm to 3.45 pm

Joining Link : <https://bit.ly/Mech-mining>







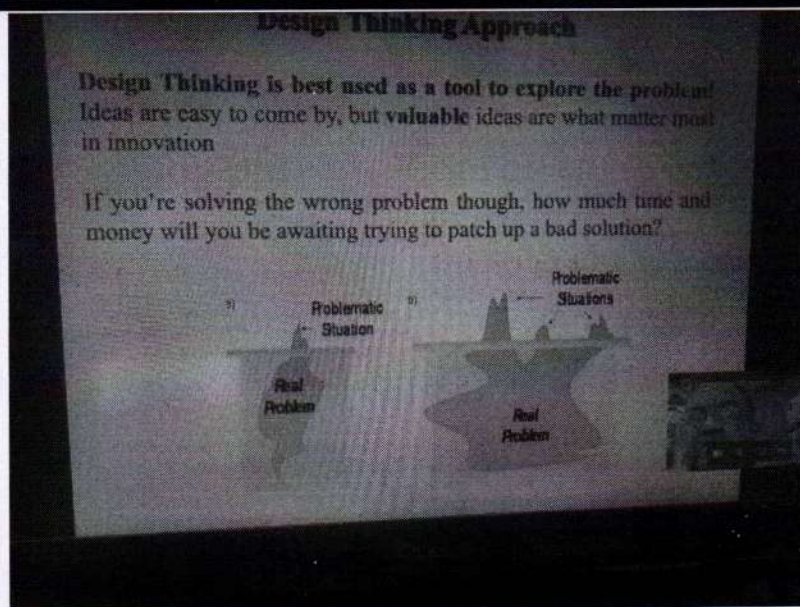
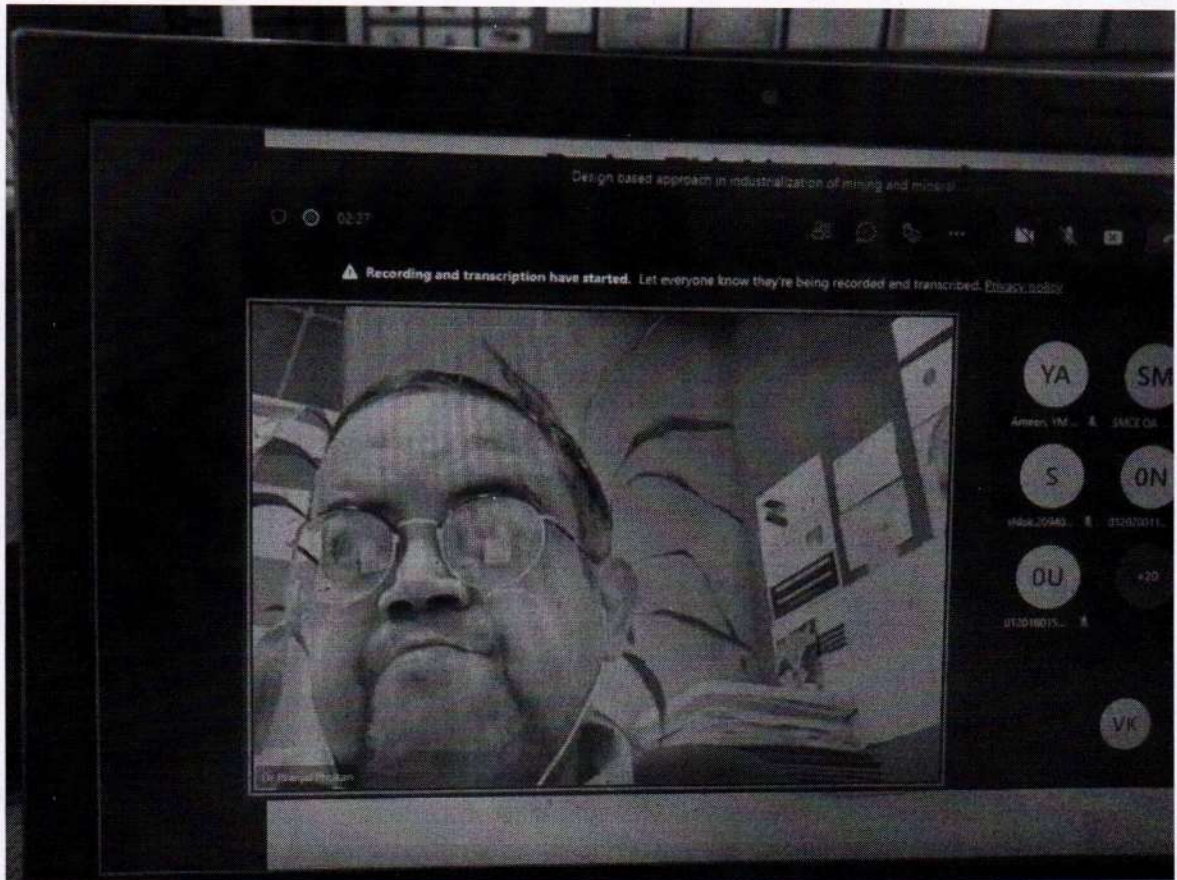
### Design Thinking Approach

Design Thinking is best used as a tool to explore the problem!  
 Ideas are easy to come by, but **valuable** ideas are what matter most in innovation

If you're solving the wrong problem though, how much time and money will you be awaiting trying to patch up a bad solution?









**Report: Guest Lecture by Tomio Isogai Japan on 12<sup>th</sup> March, 2022 on 'Secrets of 5S and Kaizen'**

School of Mechanical and Civil Engineering, MITAOE along with the Institution of Mechanical Engineer's (IMechE, UK) Students Chapter organized Guest Lecture by Tomo Isogai on 'Secrets of 5S and Kaizen' on Saturday, 12<sup>th</sup> March 2022 at 10.00 am.

Mr. Tomo shared his experiences and thoughts on 5S and Kaizen. About 150 participants including students, faculties and industry participants from various organizations participated in the event and interacted with Mr. Tomio Isogai.

Dr. P.R.Hatte welcomed and thanked Mr. Tomio on behalf of MITAOE. Session was organized by Mr.V.P.Kulkarni from SMCE and was coordinated on digital platform by Mrs. Mayuri Pokharna from SMCE.

**MIT** | Academy of Engineering  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Institution of MECHANICAL ENGINEERS  
Automobile Division, India

Webinar on  
**Secrets of '5S' and 'Kaizen'**

Speaker  
**Mr. Tomio Isogai, Japan**  
Senior Advisor at India-Japan Business Desk Kochhar & Co.

Organised by  
School of Mechanical & Civil Engineering, MITAOE





Date : 12<sup>th</sup> March 2022  
Time : 10.00 am  
Joining Link : [shorturl.at/pALQX](https://shorturl.at/pALQX)





School of Computer Engineering & Technology  
Report of Student Centric Event

1	Name of the Event	A state of art in edge of machine learning and Data Science: A Practitioners Approach
2	Date and Place	23 <sup>rd</sup> March 2022, MITAOE, Alandi(D), Pune
3	Level of the event	Institute Level
4	Mode of Conduction	Online
5	Name of Coordinators	Srujan, Interdisciplinary Club, MITAOE (Nikhil Balerao)
9	Organized for	National Leval
10	Number of the participants	340
11	Resource person	Dr. Avinash N Bhute
12	Event Objectives	To make aware students' about current technological stac and trends in the field of Machine Leaning and Data Scie
13	Event Outcomes	Students were able to understand how to prepare Major Project Report using LaTeX.
14	Brief Report	The workshop "A state of art in edge of machine learning and Data Science: A Practitioners Approach" was organized for all students under Srujan, the interdisciplinary Club for all students on 23 <sup>rd</sup> March 2022. Session start with the introduction to technological enhancement in the field of Artificial intelligence and machine Learning. Session 2 covers the applications of Machine learning in the field of Healthcare, Transportation, Governance, product development, manufacturing, etc. Role of Data Scientist Data Engineer, Data Architect in the field of Data Science.
15	Recording Link(if applicable)	<a href="https://teams.microsoft.com/l/meetup-join/19%3a53dafc1ca9fd4eeb84a019af9623e740%40thread.tacv2/1647946668964?context=%7b%22Tid%22%3a%227e394fc8-4b86-4cfe-810e-43f86f8bec47%22%2c%22Oid%22%3a%227d131a3a-93f4-4334-9db5-daf514fe5764%22%7d">https://teams.microsoft.com/l/meetup-join/19%3a53dafc1ca9fd4eeb84a019af9623e740%40thread.tacv2/1647946668964?context=%7b%22Tid%22%3a%227e394fc8-4b86-4cfe-810e-43f86f8bec47%22%2c%22Oid%22%3a%227d131a3a-93f4-4334-9db5-daf514fe5764%22%7d</a>







**MIT** | Academy of Engineering  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Institution of  
**MECHANICAL  
ENGINEERS**

Webinar on  
**Design Based Approach in  
Industrialization of Mining & Mineral**

Speaker

**Dr. Pranjal Kumar Phukan**  
Founder- Timbre Advisors Private Limited

Organised by-IMechE



Date : 5th February 2022  
Time : 3.00 pm to 3.45 pm  
Joining Link : <https://bit.ly/Mech-mining>





# MIT | Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

MIT Academy of Engineering, Alandi(D)

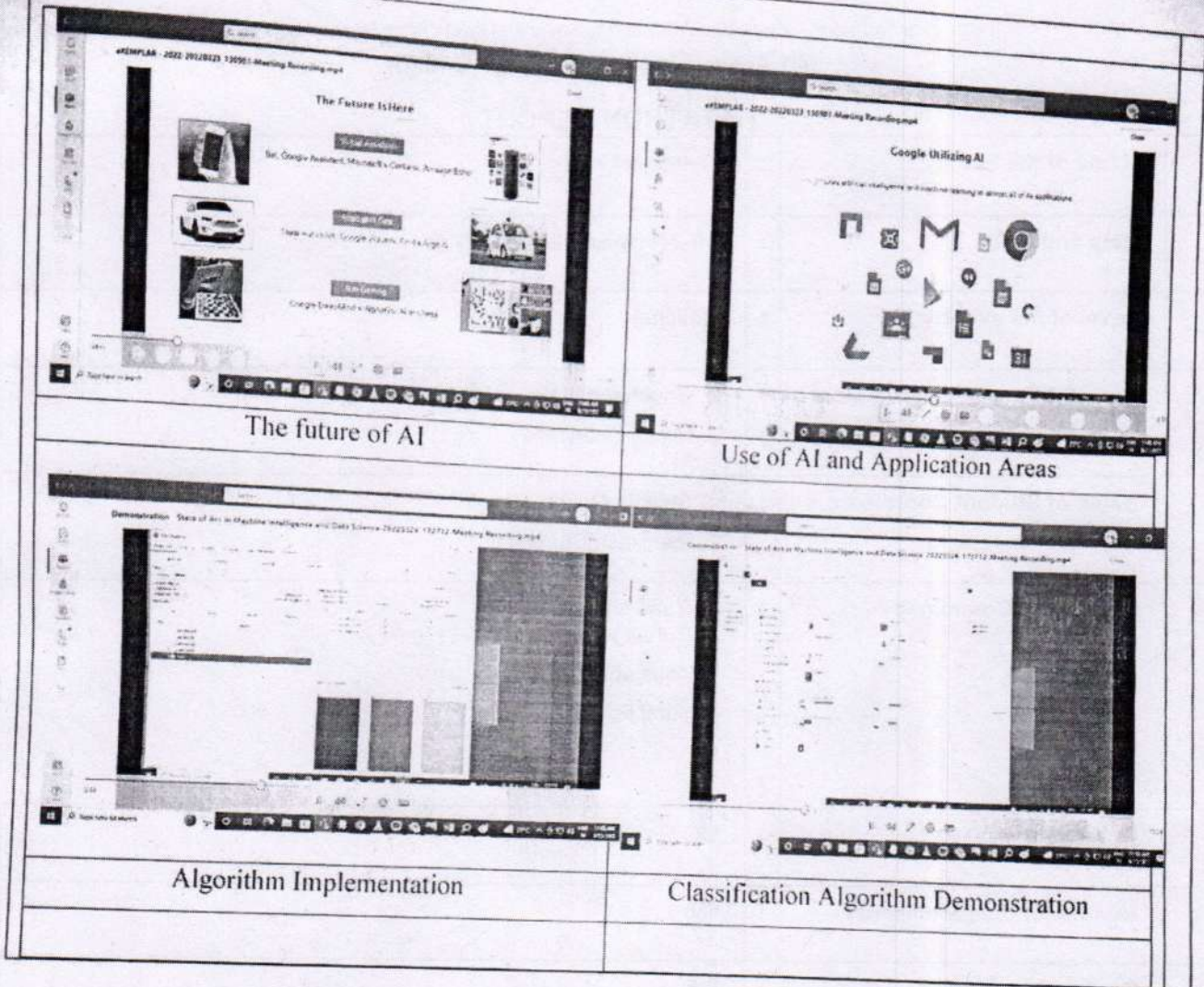
## DATATHON REPORT

	<b>Name of the Event</b>	:	Datathon
	<b>Date and Place</b>	:	19-24th March 2022
	<b>Level of the event</b>	:	National
	<b>Name of Faculty Coordinators</b>	:	1. Shubhangi Kale 2. Nilesh Bhandare
	<b>Name of Student Coordinators</b>	:	1. Shweta Gund 2. Rishikesh Chapekar
	<b>Organizing Committee</b>	:	1. Randeep Dey 2. Rutuja Khakare 3. Koustubh Relekar 4. Yuraj Pathare 5.
	<b>Organized for</b>	:	UG / PG Students
	<b>Number of the participants</b>	:	156
	<b>Resource person</b>	:	NA





## Photos



*[Signature]*  
**Dr. Avinash N Bhute**  
**Event Coordinators**

*[Signature]*  
**Mrs. Ranjana R. Badre**  
**Dean SCET**







*Caption*





	<b>Event Objectives</b>	:	To test the students on various Data Science and Machine Learning paradigms.
	<b>Event Outcomes</b>	:	The event was a success, with a number of teams participating from different colleges of India. The first round was conducted by Coding Blocks on their platform (MCQ Test), and a total of 28 teams were qualified for the final round. Common Round i.e Brainstorming Round where a common problem statement was given, leaderboard based on solving speed. The final round went smoothly with the teams demonstrating their works in a fabulous way, with every little detail of the analysis and algorithms. Students were also given an additional optional problem statement, yet many teams were able to handle it considering a short span of time. They were judged by the 5 judges, without whom we couldn't have landed up concluding the winning teams from these truly amazing performances. Finally, there were 3 winners declared, with one special recognition prize and one team winning the amcat logins.

## DATATHON

	<b>Event Poster</b>	:	ANNEXURE I
	<b>Event Schedule</b>	:	ANNEXURE II
	<b>List of Sponsors</b>	:	ANNEXURE III
	<b>List of Participants</b>	:	ANNEXURE IV
	<b>List of Judges</b>	:	ANNEXURE V
	<b>List of Winners</b>	:	ANNEXURE VI
	<b>Winners awarded by</b>	:	ANNEXURE VII
	<b>Brief Report</b>	:	Add Min 300 Words

## DATATHON

## PHOTOS





**DATATHON**

ANNEXURE I





**DATATHON**



Shweta Gund Rushikesh Chapekar  
**Student Coordinator Student Coordinator**

Nilesh Bhandare Shubhangi Kale  
**Faculty Coordinator Faculty Coordinator**

Shridhar Khandekar **Dean**  
*Convenor, Equilibrium.*

*Dr. V.C. Wangiker*  
**Dean, Student Affairs**





## EVENT POSTER

**DATATHON**

### ANNEXURE II EVENT SCHEDULE

Sr. No	Date	Time	Activity
	19th March 2022	1 pm - 11 pm	Round 1 - Quiz
	19th March 2022	10 am	Round 1 Winners declared
	21th March	9 pm	Brainstorming Round
	24th March	10 am - 4pm	Round 2 Presentations- Phase 1
	24th March	4 pm	Phase 2 Presentations Winners Declared

### ANNEXURE III

#### LIST OF SPONSORS

- 1) Bajaj Finserv
- 2) Worqhat
- 3) TechDestiny
- 4) Coding Blocks

**DATATHON**

### ANNEXURE IV

#### LIST OF PARTICIPANTS ANNEXURE VII

Team Name	Team Leader Name	Team Member Name - 1	Team Member Name - 2
Runtime Terror	Pranav Pramod Unkule	Sanchit Agarkar	Pratik Saurkar
Pattern_Follower	Vyankatesh Khandke	Sanket Mahajan	
		Yashodhan Shrikant	
Infinity	Pratyosh Anand	Ghule	Meet Bedmutha
	Ritesh Ramchandra	Rushikesh Suresh	
Team Terminals	Kulkarni	Jadhav	Pranil Vinayak Ghatage
Error Makers	Nandini Chale	Vaishnavi Jadhav	Komal Bonde



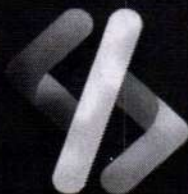


**MIT**Academy of  
EngineeringAn Autonomous Institute affiliated to  
Savitribai Phule Pune UniversityA NATIONAL LEVEL  
TECHNICAL EVENT

X



presents



# DATATHON

A Machine Learning &amp; Data Science competition



Team size upto 3 (UG/PG)

19th March - Screening Round

20th March - Brainstorming Round

24th March - Problem Statement Round

UP TO  
₹ 50,000EARLY  
BIRDONLY @ ₹99  
until 13th March\*Prizes include cash money,  
course coupons, goodies etc**Register Now**

paytm G Pay

Our Sponsors:



Bajaj FinServ Limited

CODING  
BLOCKSFaculty Co-ordinator: Ms. Shubhangi Kale Mr. Nilesh Bhandare  
Student Co-ordinator: Shweta Gund (9579684949) Rishikesh Chapekar (8412991386)







StackUnderflow	Nikhil Shegokar	Namrata More	Sanika Pareek
Artisan	Sameer Manik Patil	Sameer Manik Patil	To be decided
Perceptron	Shivya shrivastava	Deep Raj	Shivashish Roy
OverThinker	Aditya Goutam		
SunSharp	Aaditya Faye	Ritiket Dukre	Gourav Gupta
THE GHOSTBUSTERS	Ruturaj Javeri	Saumya Band	Vaibhav Kale
Team XLR8	Vaishnavi D Gaikwad	Piyush kailas Gunde	Rushikesh dattaraj karanjkar
Brute Force	Aaditya Barve	Shruti Dhumne	Abhijeet Gandhi
Team ACO	Mohammad Anas	Onkar Anant Khetre	Chetan Patil
Galaxy	Aniket	Sushant Pardhi	Mayuresh Kumar
DATA PIRATES	Mihir Daiv	Sayali Chaudhari	Shubham Deshmukh
Three musketeers	Mrunmai Bhole	Srushti Naikare	Shraddha Chaudhary
Invictus	Prasad Hule	Tanmay Ikare	Yogesh Khandare
Data Pirates	Saurabh Mulik	Dhruvil Jain	Puja Kumari
CSS Team	Chinmay Manusmare	Shreya Magdum	Shruti Magdum
ECLIPSE	Tharunya	Kirti Nikam	
Kacha Nimbu	Prithviraj Gorule	Parth Wattamwar	Yuvraj Runwal
Born to win	Shrikant Shinde	Swapnil Dabade	Prathmesh Gedam
Team Sarthak	Sarthak Wakchaure	Sarthak Wakchaure	
The Mean Squares	Sanskriti Joshi	Purva Potdukhe	Kshitija Lade
Rubix cube	Aventika Khemani	Shwetali Desai	Shweta Kumar
Insighters	Raj Pandey	Divya Chaudhari	Fizapatel
RTC(Run The Code)	Tejas Sanjivkumar Zope	Madhu Singh	Ajay Mahajan
Alpha	Soham Deshmukh	Ashutosh Phanse	Nawodit Oswal
Smashers	Rupesh Sanjeev Pingale	Vivek Baban Savant	Satish Dattatray Bobalade
Chasers	Ghanshyam Bhole	Dhananjay Thombare	Soham Bhosale
Disrupt	Prabhu Shrikant Mane	Atharva Kumbhar	Mansi Singh
Eklavya	Vaishnavi Deshmukh	Ansh Shriwas	Aditi Deshpande
Team Rising Sun	Ashwini Chavan	Anuja Barge	Aditya Shirsat
Fantastic 3	Vedant Ghodki	Sumedh Patil	Vaibhav Patil
Binary Brains	Ketaki Mankar	Tanisha Nazare	Tushar Gavkhare
Sigma Rule	Onkar Bilure	Atul Sangolkar	Yadnesh Vidyasagar
CodeGiants	Karthik Gunturi	Dashmesh Singh	Aniket Yadav
Lone Survivor	Tanmay Joshi		
Three Aces	Somu Sharma	Ritik Bhasarkar	Yash Fulzele
Star Techies	Mayur Gadhave	Sharwari Ambade	Manasi Deshpande
DataBricks	Shivam Rajaram Shinde	Tejas Sanjay Thawari	Kaustub Ravindra Shelar
Phoenix	Chinmayi Alshetty	Shruti Diwate	Sanket Nangare
Dynamite	Amruta Mohan Dhangekar	Sakshi Sunil Gade	Radhika Dnyaneshwar Wattamwar
Tech Pirates	Suyog Fulchand Mahangade.	Shubham Sukdev Kotkar.	Yash Santosh Agrawal.
Hustlers	Dhawal Hemane	Yeeshant Dahikar	Kapil khairkar
Coders club	Shriram Kekan	Sandeep Deshmukh	Avdhut Nagne
Team Invincible	Ajinkya Mahure	Ajinkya Mahure	Hariom Singh
Team Onkar	Onkar Chendage	Vidhi Thakare	Nandini Barkul
Team 39x	Vedant Mukhedkar	Soham bharambe	Shubham Kendre
Phenomenon	Anirudha Shahaji Thorat		
Data Pirates	Lalit Rajput	Yash Charpe	Atharva Batwe









Prizes



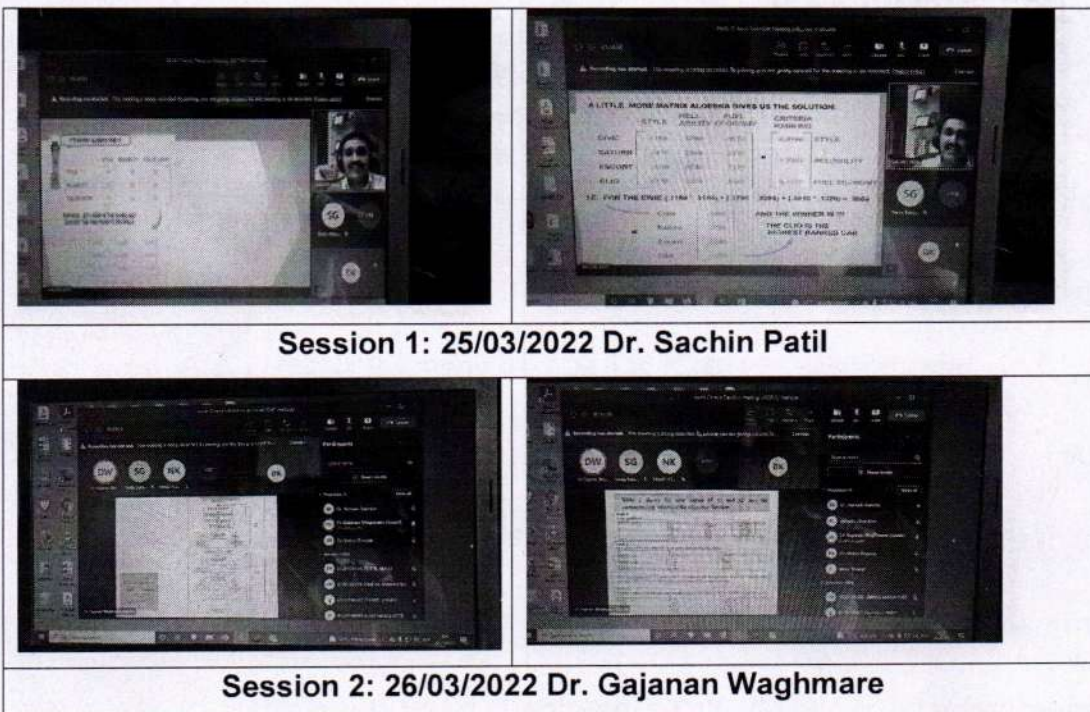


## Session Links:

**Session 1:** [https://drive.google.com/file/d/1gDvLzh4\\_x4GtSv0AnzlZNlp-Jj9T40Kh/view?usp=sharing](https://drive.google.com/file/d/1gDvLzh4_x4GtSv0AnzlZNlp-Jj9T40Kh/view?usp=sharing)

**Session 2:** <https://drive.google.com/file/d/1GQuhN1-uKUK6MiMfRwmUUvMC2CVH5Scd/view?usp=sharing>

## Photographs :





# MIT

## In Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Alandi (D), Pune – 412105

### School of Mechanical and civil engineering

## **REPORT**

Activity organized/ attended : Conducted online Two day National Level workshop on “Multi Criteria Decision Making Methods”

Speaker : Online

Trigger Point : ---

Date : 25<sup>th</sup> and 26<sup>th</sup> March, 2022.

Venue : MIT Academy of Engineering, Alandi, Pune.

Level of the Event : National Level

Coordinator : Dr. A. G. Kamble

Co-coordinator : Mr. A. S. Chandore

Attendees : 199

No. of Participants registered : 328

**Resource Persons** : 1] Dr. Sachin Patil, Professor and Head, Mechanical Engineering and Dean Academic, Rajarambapu Institute of Technology, Islampur, Maharashtra.

2] Dr. Gajanan Waghmare, Associate Professor, Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research, Nashik, Maharashtra.

**Objective:** To update knowledge on multi criteria decision making methods

**Outcomes:** Implementation of MCDM methods for research problems.

**Topics Discussed:** AHP, TOPSIS and TLBO algorithm.

**Other Remarks:** Participants from various states attended the workshop.





## **ACTIVITY REPORT**

**Activity organized/ attended** : Mechanical Department (SMCE)

**Speaker** : Mr. Anand Thakar

**Trigger Point** : Hydrogen Fuel & Its Application

**Date** : 30<sup>th</sup> March 2022

**Venue** : D011

**Level of the Event** : In -House

**Coordinator** : Mr. Mahesh P. Joshi

**Attendees** : \*TY & BTech\* Engineering Students

**No. of Participants** : 114

**Resource Person, if any** : Mr. Abhijeet Patankar

### **Objective:**

Importance of alternative fuel technology

Working of clean burn hydrogen fuel

### **Topics Discussed:**

Need of alternative fuel technology

Basics of hydrogen fuel & fuel cell

Working of hydrogen fuel cell in automotive

Future of hydrogen energy

**Photographs** :





## Profile



### Educational

- BEE – Certified Energy Manager
- B.Tech – Mechanical Engineering
- DME – Diploma in Mech. Engg.
- DEE – Diploma in Electrical Engg.



### Industrial - Experience 22 Yrs.

- Kirloskar Pneumatic Co. Ltd. Pune
- Fiat India Automobiles Ltd. Pune
- Kirloskar Oil Engines Ltd. Nagpur
- Emerson Climate Technologies India Ltd.
- Kirloskar Copes Limited, Karad.



### Self Employed – 4 Years

- Smart Energy Solutions, Pune
- Power Quality Audit & Analysis
- Energy Saving Project Design & Implementation



## Fuel Efficiency Monitor & Combustion Gas Analyser



### Fuel Efficiency Monitor:

This measures Oxygen and temperature of the flue gas. Calorific values of common fuels are fed into the microprocessor which calculates the combustion efficiency.



### Combustion Gas Analyser:

This instrument has in-built chemical cells which measure various gases such as  $CO_2$ ,  $CO$ ,  $NO_x$ ,  $SO_x$  etc. Gas analyzers are flexible in what must be measured depending on the requirements of the customer/user.

They have specific sensors sealed inside the equipment that can be changed to measure the different components in the gas. But because a maximum of two sensors can be connected, only two or three parameters can be measured at one time.

It is light and easier to handle compared to the fuel efficiency monitor.

## Instructions for Session


1. Pl. Mute Audio & Video in your phone / PC / Laptop.
2. Pl. use Head set.
3. Pl. rejoin the session if disconnect internet.
4. Pl. use chat if any doubt or ask questions end of session.





**MIT Academy of Engineering, Alandi(D)**  
**School of Computer Engineering & Technology**  
**Hands-on session on machine learning model development and deployment.**

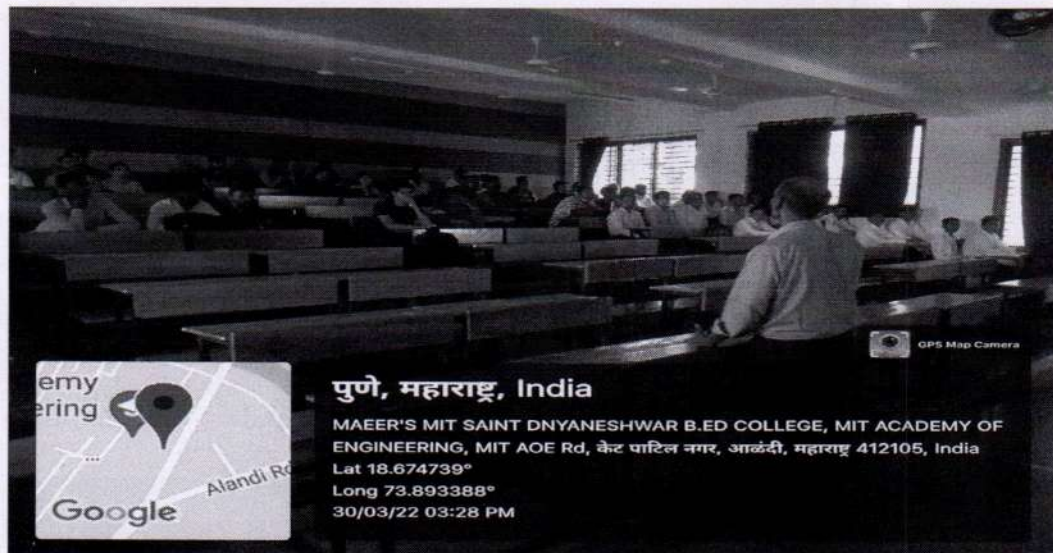
1	Name of the Event	:	Hands-on session on machine learning model development and deployment.
2	Date and Place	:	31-03-2022
3	Level of the event	:	Students from all schools of MITAOE
4	Name of Coordinators	:	Mrs. Diptee Ghusse
5	Organized for	:	TY.B.Tech
9	Number of the participants	:	55
10	Resource person	:	Mr.Yogesh Murumkar (Chief Executive Officer and Corporate Trainer (Machine Learning, Deep Learning, Data Science, Big Data Analytics and Artificial Intelligence),Experience -11 years.
11	Event Objectives	:	To understand various machine learning model development To deploy machine learning models on cloud
12	Event Outcomes	:	After completion of the session students able to Build the model using the pycharm platform Deploy the machine learning model on cloud
13	Brief Report	:	The hands-on session was conducted for the third year students of the machine learning course. Total 55 students actively attended this session. The Session was organized in offline model. The software and services are used in the session as follows Pycharm, Heuroko services, and anaconda. The students designed the linear regression model using pycharm and deploy on the cloud.

  
Diptee Ghusse, Session Coordinator

  
Dean, SCET



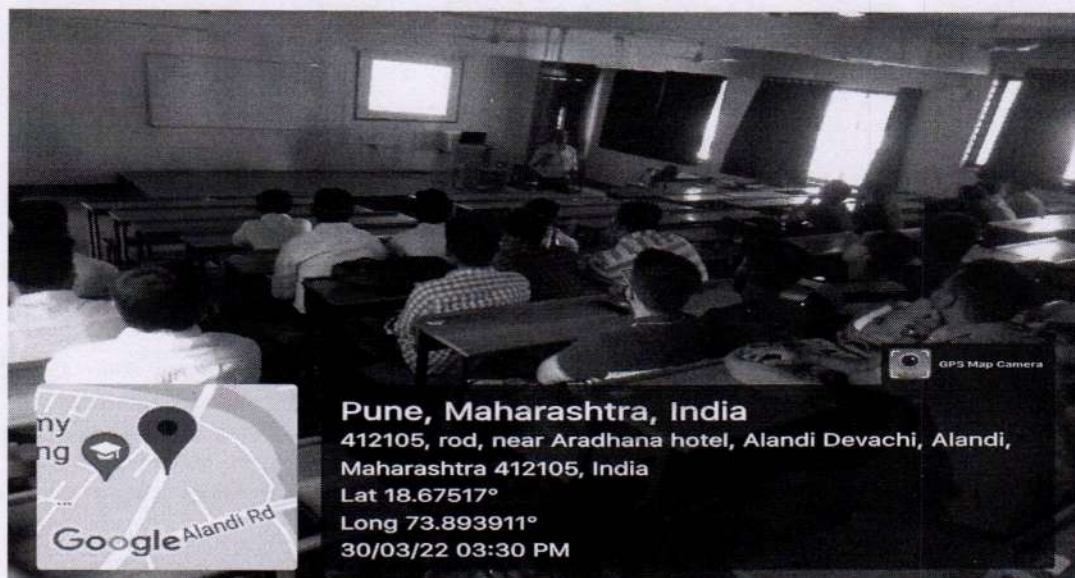




### पुणे, महाराष्ट्र, India

MAEER'S MIT SAINT DNYANESHWAR B.ED COLLEGE, MIT ACADEMY OF ENGINEERING, MIT AOE Rd, केट पाटिल नगर, आळंदी, महाराष्ट्र 412105, India  
Lat 18.674739°  
Long 73.893388°  
30/03/22 03:28 PM

GPS Map Camera



### Pune, Maharashtra, India

412105, rod, near Aradhana hotel, Alandi Devachi, Alandi, Maharashtra 412105, India  
Lat 18.67517°  
Long 73.893911°  
30/03/22 03:30 PM

GPS Map Camera





Resource person Details

Pan Card

आयकर विभाग INCOME TAX DEPARTMENT		भारत सरकार GOVT. OF INDIA
<b>MURUMKAR YOGESH PRABHAKAR</b>		
<b>PRABHAKAR MURUMKAR</b>		
<b>19/02/1987</b>		
Permanent Account Number <b>BFJPM6012D</b>		
 Signature		21072010

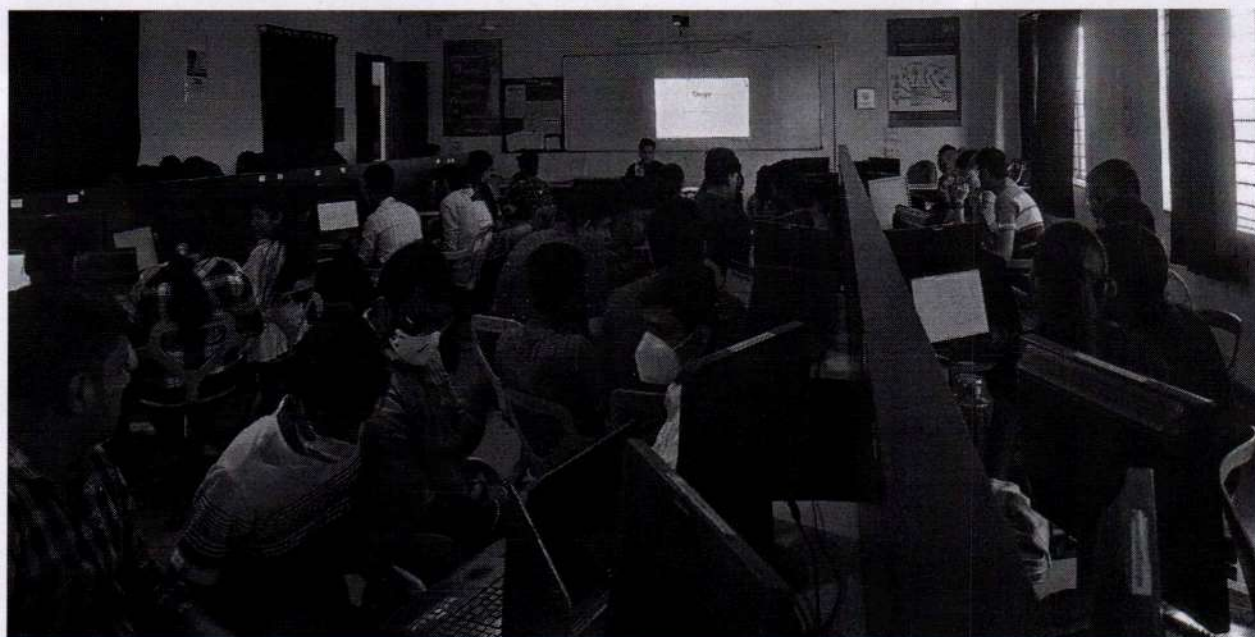
Bank account details

Name: Yogesh Prabhakar Murumkar  
Bank Name : State Bank of India  
Account no:20274641806  
Branch:Ramdas Peth,Akola  
IFSC:SBIN0006180  
Account type: savings

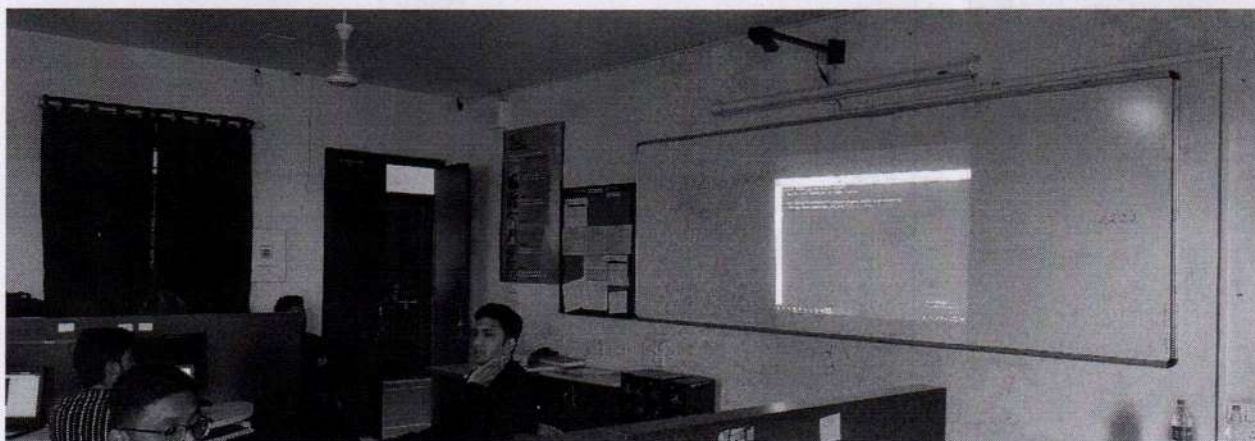




**Photos:**



**Students attending and doing the hands-on session**



**Resource person delivering the session**





Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			





## Teachers Activity Report 2021-2022

Department/Committee	Mechanical	IQAC Activity No.
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Name of the Activity: Expert Talk			
Date	Self-financial/sponsored - Budget	Department/Committee	Coordinator Name
2 <sup>nd</sup> April 2022	Self	Mechanical	Dr. V. A. Bhosale
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
10.00am to 12.00 PM	online	35	online
Support/Assistance:	MITAOE		

Brief information about the activity (**criterion no. - IV**)

Topic/subject of The activity	Supply Chain Management
Objectives	Economic order quantity and it's optimization Milk Run project Outsourcing, Suppliers negotiation and decision making
Methodology	Inventory optimization
Outcomes	Familiarized with the inventory management techniques and different SC partners roles

**Proofs & documents attached (Tick mark the proofs attached):**

Letters	Notice/circular	Student list of participation (Signed)	Activity report	Photos	Feedback form
Feedback analysis	Action taken on feedback	MSTeam Excel sheet	Activity report	Budget / Sponsorship letter / fund settlement Report	Any other relevant info.

IQAC Document No:	Criterion No:	Metric No:
Departmental file no	IQAC file No;	

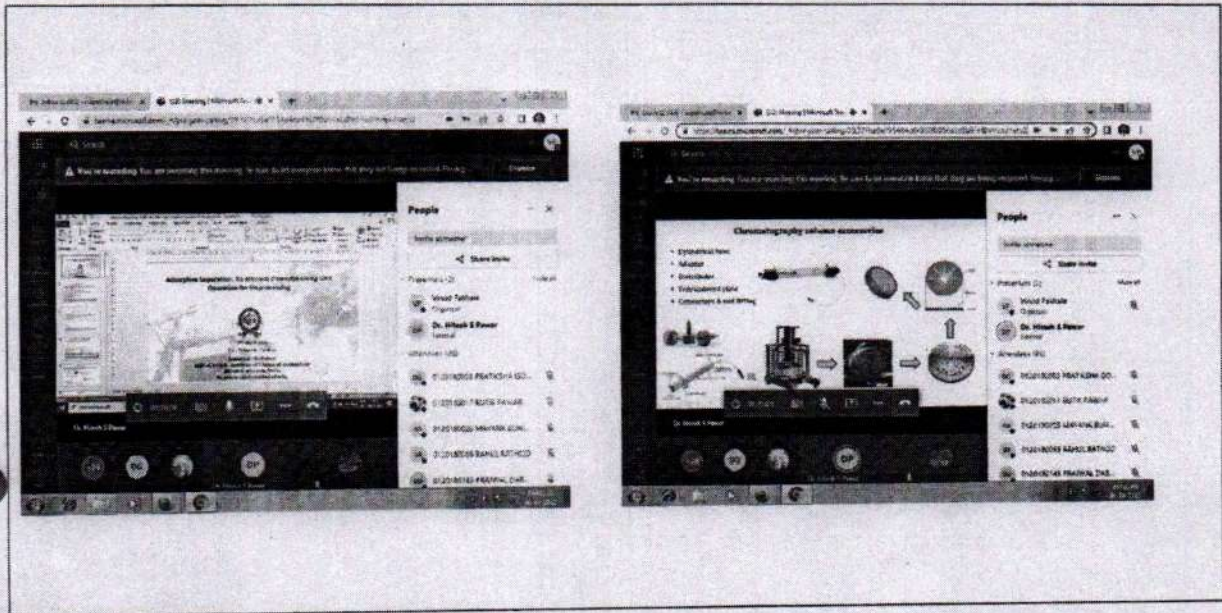
Name of teacher & Signature	Name of head/ committee in-charge & signature	IQAC coordinator (seal & signature)
Dr. V. A. Bhosale		

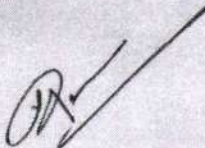
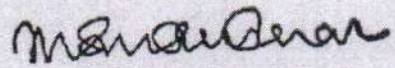
For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance







	
Signature of faculty	Signature of Dean





<b>MIT</b>   Academy of Engineering (An Autonomous Institute)		<b>GUEST LECTURE REPORT</b>	
Alandi (D), Pune – 412105		ACADEMIC YEAR	2021 – 2022
DEPARTMENT OF CHEMICAL ENGG		CLASS	B.Tech
DATE OF GUEST LECTURE: 06/4/2022		SEMESTER	VIII
TOPIC		Adsorptive Separation: An Efficient Downstreaming Unit Operation For Bioprocessing	
NAME OF EXPERT		Dr. Hitesh S.Pawar	
DESIGNATION AND ADDRESS OF EXPERT		Assistant Professor, ICT, Mumbai Email: <a href="mailto:hs.pawar@ictmumbai.edu.in">hs.pawar@ictmumbai.edu.in</a> Mob. No.: 9730155369	
GUEST LECTURE ORGANIZED BY		Mr V D Pakhale	
NUMBER OF STUDENTS PRESENT		35	
❖ Details of Lecture: ❖ The various aspects of Adsorptive Separation were discussed w.r.t. following points 1. Importance of adsorptive separation 2. Different types of upstream & downstream processing 3. Applications of adsorptive separation 4. Instruments used in adsorptive separation 5. Design of adsorption chromatography system			
Total Expenses :                      Rs. 1000/-			
Photograph:			

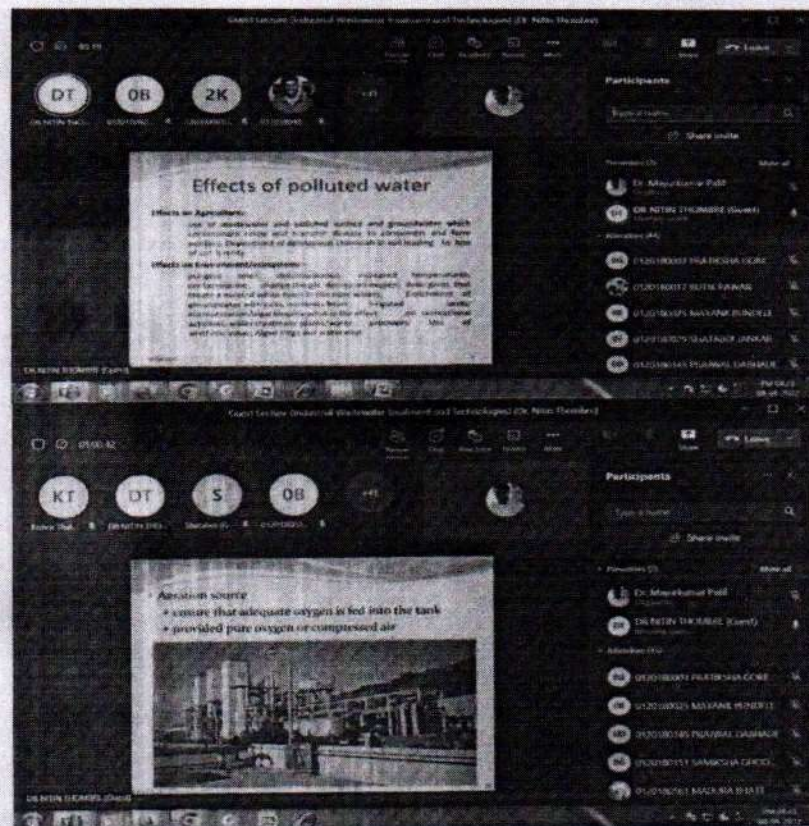




Session was conducted in online mode in MS Teams platform.

Joining Link:

<https://tinyurl.com/yeunnw7v>



Session Recorded Video Link:

<https://tinyurl.com/2p9vjj3d>

Feedback:



- Guest Lecture (Industrial Wastewater treatment and Technologies) (Dr. Nitin Thombr...
- Recording has started
- OG 0120180366 UJJWAL GHATBANDHE 08-04 pm 04:42  
Not audible
- 0120180017 RUTIK PAWAR 08-04 pm 05:16  
Yes sir Understood
- OP 0220190029 HRITIK PANCHAL 08-04 pm 05:16  
yes sir understood
- 0120180017 RUTIK PAWAR 08-04 pm 05:30  
Thank you sir for this valuable session

Signature of faculty

Signature of HoD






<b>MIT</b>   Academy of Engineering (An Autonomous Institute)		<b>GUEST LECTURE REPORT</b>	
Alandi (D), Pune – 412105		<b>ACADEMIC YEAR</b>	2021 – 2022
<b>DEPARTMENT OF CHEMICAL ENGG</b>		<b>CLASS</b>	B Tech
<b>DATE OF GUEST LECTURE: 08/04/2022</b>		<b>SEMESTER</b>	VIII
<b>TOPIC</b>		Industrial wastewater treatment and membrane technologies	
<b>NAME OF EXPERT</b>		Dr. Nitin Thombre	
<b>DESIGNATION AND ADDRESS OF EXPERT</b>		Senior Engineer (Process and Technology), VA Tech Wabag Ltd., Pune Email: nitin01thombre@gmail.com Mob. No. +91-7710027004	
<b>GUEST LECTURE ORGANIZED BY</b>		Dr. M. P. Patil	
<b>NUMBER OF STUDENTS PRESENT</b>		45	
❖ <b>Details of Lecture:</b> Importance of WWTP and their sources, Methods to treat waste water, Membrane separation, methods of separation and types of membrane used in industries, Applications of membrane and features of membrane etc.			
<b>Total Expenses :</b> <b>Rs. 1500/-</b>			
<b>Photograph:</b>			
<div style="text-align: center;">  <p>Organized by: School of Chemical Engineering</p> <p>Guest Lecture on  <b>INDUSTRIAL WASTEWATER TREATMENT AND MEMBRANE TECHNOLOGIES</b></p> <p><b>Resource Person</b></p>  <p><b>Dr. Nitin Thombre</b>          Platform: Microsoft Teams          Joining Link for Session: <a href="https://tinyurl.com/yeumw7s">https://tinyurl.com/yeumw7s</a></p> <p><b>About Resource Person</b></p> <ul style="list-style-type: none"> <li>Completed Ph.D. from ICT Mumbai</li> <li>Industrial Experience in wastewater treatment using membrane separation and adsorption processes</li> <li>Currently working as Senior Engineer (Process and Technology) at VA Tech Wabag Ltd. Pune</li> </ul> <p><b>Date:</b> 8 April 2022  <b>Time:</b> 4pm to 5:30pm</p> </div>			





### Aspen Plus & HYSYS - Flowsheet Simulators

- What is Flowsheet simulation?
- Use of a computer program to quantitatively model the characteristics of a chemical process
- Uses underlying physical relationships
- Mass and energy balance
- Equilibrium relationships
- Rate calculations (reaction, equilibrium, heat transfer)
- Products
- Stream flowrates, compositions, and properties
- Operating conditions



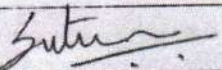
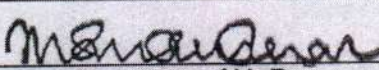
### Hybrid Modeling: Breakthrough Innovation in Modeling

**Hybrid Model**

Learning-based knowledge to model a process, which is used to enhance the simulation while preserving the challenges of modeling a process.

- Interpolate and extrapolate
- Learn to recognize
- Learn to recognize and interpret
- Apply to new data
- Provide instructions for uncalibrated variables
- Run more quickly

Reconstructs the model for purpose-specific results to be used with confidence across the entire lifecycle.

 Signature of faculty	 Signature of HoD
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<b>MIT</b>   Academy of Engineering (An Autonomous Institute)		<b>GUEST LECTURE REPORT</b>	
Alandi (D), Pune – 412105		ACADEMIC YEAR	2021 – 2022
DEPARTMENT OF CHEMICAL ENGG.		CLASS	TY BTech
DATE OF GUEST LECTURE: 09/04/2022		SEMESTER	VI
TOPIC		Role of Modeling and Simulation in Chemical/Process Industry	
NAME OF EXPERT		Ms. Pradnya Jakate	
DESIGNATION AND ADDRESS OF EXPERT		Senior Technical Consultant, AspenTech India Pvt. Ltd., Pune. Email: <a href="mailto:Pradnya.Jakate@aspentech.com">Pradnya.Jakate@aspentech.com</a> Mob. No.: 9422770593	
GUEST LECTURE ORGANIZED BY		Dr. Parag N. Sutar	
NUMBER OF STUDENTS PRESENT		40	

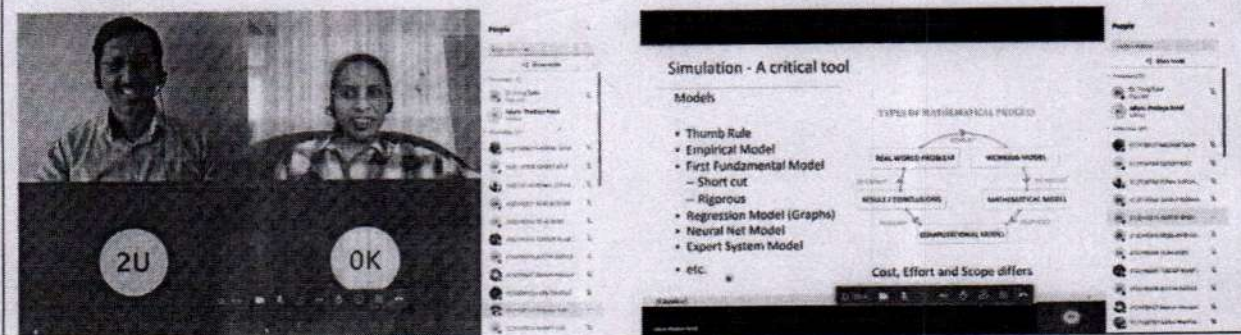
#### Details of Lecture:

Mode: Online on MS Teams

Link: <https://mitaoepune.sharepoint.com/:v/s/T.Y.B.Tech.OpenElective2021-22SemesterI/EZIHZJmVogVLkLyWWxIWqn4BJ2PaDT39C4cz6GdglrFycA?e=XSIX6S>

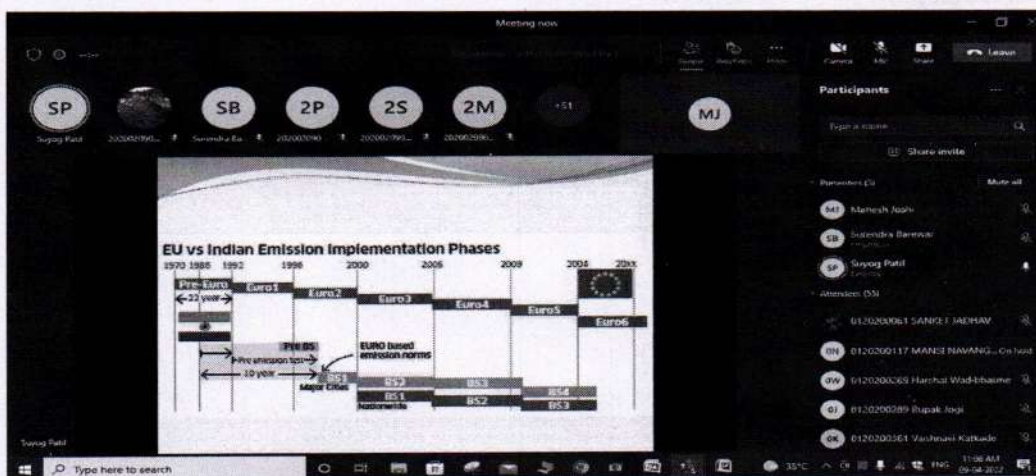
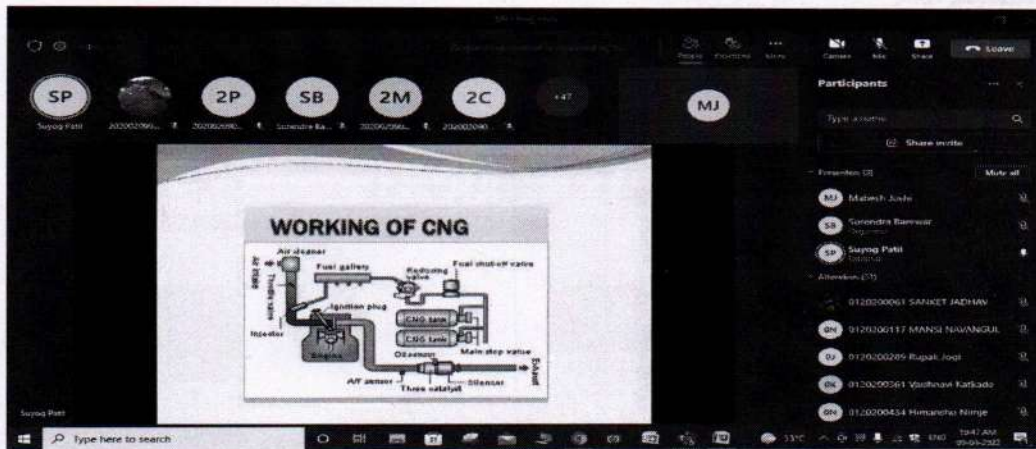
Total Expenses: Rs. 2000/-

#### Photographs:





## Photographs :





## **ACTIVITY REPORT**

**Activity organized/ attended** : Mechanical Department (SMCE)

**Speaker** : Mr. Suyog patil

**Trigger Point** : Recent trends in IC engines

**Date** : 09<sup>th</sup> April 2022

**Venue** : MSTeam (Online Mode)

**Level of the Event** : In -House

**Coordinator** : Mr. Mahesh P. Joshi

**Attendees** : \*SY BTech\* Engineering Students

**No. of Participants** : 60

**Resource Person, if any** : Mr. Suyog patil

### **Objective:**

Importance of alternative fuel technology

Need of electric vehicles

### **Topics Discussed:**

Challenging future of IC engines with new technologies

Different emission norms

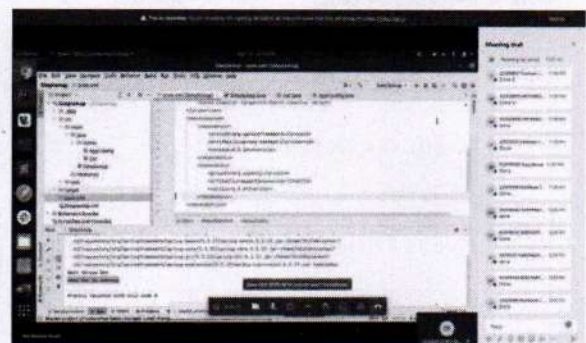
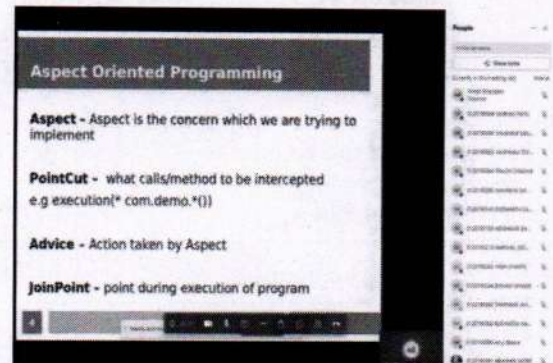
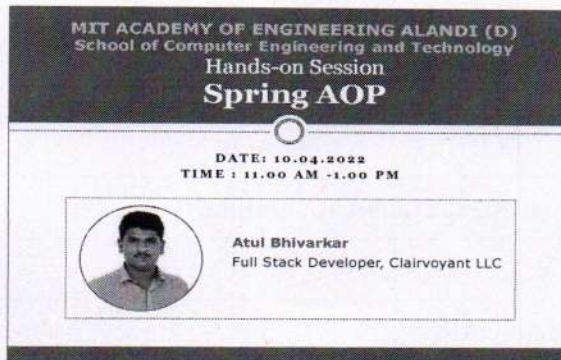
Working of alternative fuels & Hybrid engines


Working & Future of electric vehicles





## Photos



  
**N D BHANDARE**  
Coordinator

  
**Dean**  
SCET





**MIT Academy of Engineering, Alandi(D)**  
**School of Computer Engineering & Technology**  
**GUEST LECTURE on Spring AOP**

1	Name of the Event	:	GUEST LECTURE on Spring AOP
2	Date and Place	:	10 <sup>th</sup> April 2022, 11.00 AM , Online
3	Level of the event	:	SCHOOL
4	Name of Coordinators	:	N D BHANDARE
5	Organized for	:	TY B Tech
9	Number of the participants	:	48
10	Resource person	:	<b>Atul Bhivarkar</b> <b>Full Stack Developer, Clairvoyant LLC</b>
11	Event Objectives	:	To learn and apply Spring AOP in Application to provide modularity.
12	Event Outcomes	:	Able to apply Spring AOP in Application to provides modularity.
13	List of Attendee	:	Annexure I
14	Brief Report	:	<p>The Spring AOP guest session started by introducing Mr. Atul Bhivarkar.</p> <p>Mr. Atul Bhivarkar delivered an interactive talk on "Spring AOP" by introducing relevant terminology pertaining to Spring AOP like cross-cutting, Aspects. He demonstrated the AOP in one of the application, its working and how it is used in the application. He further discussed the need for this technology, the issues involved as well as future job prospects in this field. The session was interactive and Mr. Atul answered various queries from students regarding Spring and Springboot</p>





## Teachers Activity Report 2021-2022

Department/Committee Mechanical

IQAC Activity No.

Name of the Activity: Guest Lecture			
Date:	Self-financial/sponsored - Budget	Department/Committee	Coordinator Name
21/4/2022	NA	SMCE	Sagar Mushan
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
8:30 am to 10 am	Online	72	Indoor
Support/Assistance:			

Brief information about the activity (criterion no. - IV)

Topic/subject of The activity	Thermal Analysis using MSC Patran
Objectives	The objective is to give overview about how to perform thermal analysis of any particular structure in MSC Patran platform
Methodology	Speaker of the session Mr. Abhijeet Aher explained the step by step procedure of simulation starting from geometry input to report generation
Outcomes	Students got to know about the alternative platform for performing simulation (structural & thermal)

Proofs &amp; documents attached (Tick mark the proofs attached):

Letters	Notice/circular	Student list of participation (Signed)	Activity report	Photos	Feedback form
Feedback analysis	Action taken on feedback	News clip with details	Certificate	Budget / Sponsorship letter / fund settlement Report	Any other relevant info.

IQAC Document No:	Criterion No:	Metric No:
Departmental file no	IQAC file No;	

Name of teacher & Signature	Name of head/ committee in-charge & signature	IQAC coordinator (seal & signature)
Sagar Mushan		

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance





# Annexure I

Sr No	Full Name	User Action	Timestamp
1	Nilesh Bhandare	Joined	4/10/2022, 10:56:33 AM
2	202002080002 vatsal jain	Joined	4/10/2022, 10:58:13 AM
3	0120190390 Anuj Barave	Joined	4/10/2022, 10:58:28 AM
4	Ashwini Mane	Joined	4/10/2022, 10:59:56 AM
5	Atul Bhivarkar (Guest)	Joined	4/10/2022, 11:00:20 AM
6	Namrata Dhobale (Guest)	Joined	4/10/2022, 11:00:49 AM
7	0120190342 SHARWARI AMBADE	Joined	4/10/2022, 11:02:11 AM
8	0120190533 RAHUL PRADHAN	Joined	4/10/2022, 11:02:59 AM
9	202002040016 Pranjali Naphade	Joined	4/10/2022, 11:03:06 AM
10	202002080004 radhika joshi	Joined	4/10/2022, 11:03:16 AM
11	0120190092 NAMRATA DHOBALE	Joined	4/10/2022, 11:03:23 AM
12	220200086 Pranil Ghatage	Joined	4/10/2022, 11:03:27 AM
13	202002080003 siddhi mankar	Joined	4/10/2022, 11:03:37 AM
14	220200125 Nandini Ghale	Joined	4/10/2022, 11:03:56 AM
15	0120190243 YASH CHARPE	Joined	4/10/2022, 11:04:04 AM
16	0120190467 YASH AGRAWAL	Joined	4/10/2022, 11:04:09 AM
17	202002080007 harshada gaikwad	Joined	4/10/2022, 11:04:11 AM
18	0120190397 VINAYAK DESHPANDE	Joined	4/10/2022, 11:04:21 AM
19	0120190382 RUSHIKESH HASABE	Joined	4/10/2022, 11:04:24 AM
20	220200210 Mayuri Sathe	Joined	4/10/2022, 11:04:26 AM
21	220200085 Rushikesh Jadhav	Joined	4/10/2022, 11:04:37 AM
22	202002040017 Sanket Bhoite	Joined	4/10/2022, 11:04:38 AM
23	0220200018 AMISHA MADANU	Joined	4/10/2022, 11:04:49 AM
24	0120190083 VAISHNAVI DIVNALE	Joined	4/10/2022, 11:05:02 AM
25	0120190244 SHIVAM SHINDE	Joined	4/10/2022, 11:05:03 AM
26	0220200026 KOMAL PATIL	Joined	4/10/2022, 11:05:10 AM
27	220200113 Komal Bonde	Joined	4/10/2022, 11:05:11 AM
28	0120190591 PRANAV HATWAR	Joined	4/10/2022, 11:05:16 AM
29	0120190602 SANIKA PAREEK	Joined	4/10/2022, 11:05:23 AM
30	0120190413 SAMEER SHA	Joined	4/10/2022, 11:05:23 AM
31	0120190587 NIRANJAN GIRHE	Joined	4/10/2022, 11:05:39 AM
32	220200012 Vaishnavi Jadhav	Joined	4/10/2022, 11:05:46 AM
33	220200078 Atharva Joshi	Joined	4/10/2022, 11:05:46 AM
34	0120190216 HARSHAL DESHMUKH	Joined	4/10/2022, 11:07:16 AM
35	0120190216 HARSHAL DESHMUKH	Joined	4/10/2022, 11:08:39 AM
36	0120190281 TEJAS THAWARI	Joined	4/10/2022, 11:08:03 AM
37	0120190163 ADISHWAR SHARMA	Joined	4/10/2022, 11:08:21 AM
38	202002040001 vaishnavi ganeshkar	Joined	4/10/2022, 11:08:39 AM
39	0120190391 ABHISHEK MORE	Joined	4/10/2022, 11:09:54 AM
40	0120190084 PRACHI CHANNE	Joined	4/10/2022, 11:10:00 AM
41	0220200016 PRIYANKA RATHOD	Joined	4/10/2022, 11:10:04 AM
42	0120190460 ASHWINI RADDEKAR	Joined	4/10/2022, 11:10:32 AM
43	0120190423 ANIKET SHARMA	Joined	4/10/2022, 11:10:41 AM
44	0120190481 Fardeen Khan	Joined	4/10/2022, 11:10:53 AM
45	0120190049 VAIBHAV PATIL	Joined	4/10/2022, 11:10:54 AM
46	0120190473 ANIKET BHANDEKAR	Joined	4/10/2022, 11:11:36 AM
47	0120190428 YASH FULZELE	Joined	4/10/2022, 11:12:11 AM
48	0120190145 SIDDHARTH KANIKDALE	Joined	4/10/2022, 11:12:34 AM





## Teachers Activity Report 2021-2022

Department/Committee	Mechanical	IQAC Activity No.
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Name of the Activity:			
Date	Self-financial/sponsored - Budget	Department/Committee	Coordinator Name
6/5/2022	college	Mechanical	Surendra Barewar
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
10.30 to 12.30 PM	online	115	online
Support/Assistance:	Shital Kharat		

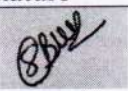
Brief information about the activity (criterion no. - IV)

Topic/subject of The activity	Guest lecture on IOT for mechanical engineers
Objectives	The objective is to learn about basic of IOT and its application
Methodology	Different basic thing and its application was explained
Outcomes	Familiarized with the fundamentals of IOT.

**Proofs & documents attached (Tick mark the proofs attached):**

Letters	Notice/circular	Student list of participation (Signed)	Activity report	Photos	Feedback form
Feedback analysis	Action taken on feedback	News clip with details	Certificate	Budget / Sponsorship letter / fund settlement Report	Any other relevant info.

IQAC Document No:	Criterion No:	Metric No:
Departmental file no	IQAC file No;	

Name of teacher & Signature	Name of head/ committee in-charge & signature	IQAC coordinator (seal & signature)
		

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance





Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		





## Teachers Activity Report 2021-2022

Department/Committee Mechanical	IQAC Activity No.
---------------------------------	-------------------

Name of the Activity:			
Date	Self-financial/sponsored - Budget	Department/Committee	Coordinator Name
06/05/2022	college	Mechanical	Surendra Barewar
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
10.30-12.30 pm	Mech dept	116	Indoor
Support/Assistance:			

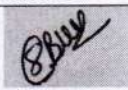
### Brief information about the activity (criterion no. - IV)

Topic/subject of The activity	Project exhibition
Objectives	The objective Project exhibition to aware the student about technical aspect of the projects and apply these concepts to their projects
Methodology	Exhibition was conducted for SY and TY students on online mode
Outcomes	

### Proofs & documents attached (Tick mark the proofs attached):

Letters	Notice/circular	Student list of participation (Signed)	Activity report	Photos	Feedback form
Feedback analysis	Action taken on feedback	News clip with details	Certificate	Budget / Sponsorship letter / fund settlement Report	Broacher

IQAC Document No:	Criterion No:	Metric No:
Departmental file no	IQAC file No;	

Name of teacher & Signature	Name of head/ committee in-charge & signature	IQAC coordinator (seal & signature)
		

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance





Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			






**Report: Guest Lecture by Mr. Anand Kumar, TATA Motors on "Embrace the future – Evs for today and tomorrow" dated 28<sup>th</sup> May 2022**


School of Mechanical and Civil Engineering, MITAOE along with the Institution of Mechanical Engineer's (IMechE, UK) Students Chapter organized Guest Lecture by Mr. Anand Kumar, DGM, ERC- Indoor Testing, TATA Motors on 'Embrace the future – Evs for today and tomorrow' on Saturday, 28<sup>th</sup> May 2022 at 10.30 am.

Mr. Anand Kumar talked about the future of EVs, various technologies about EVs, its environmental impact etc. About 30 participants including students, faculties and industry participants from various organizations participated in the event and interacted with Mr. Anand Kumar.

Dr. P.R. Hatte welcomed and thanked Mr. Anand Kumar on behalf of MITAOE. Session was organized by Mr. V.P. Kulkarni from SMCE.




MIT Academy of Engineering  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)




Institution of MECHANICAL ENGINEERS

Webinar on  
**Embrace the future-  
EVs for today and tomorrow**

Speaker  
**Mr. Anand Kumar**  
DGM, ERC- Indoor Testing, Tata motors



Organised by-IMechE  
School of Mechanical Engineering along with  
Institution of Mechanical Engineers (UK) Student's  
Chapter, MITAOE



Date : 28<sup>th</sup> May 2022  
Time : 10.30 am to 11.15 am  
Joining Link : <https://bit.ly/EmbracethefutureEVs>  
Entry FREE for knowledge thirsty audience.





Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			





# MIT Academy of Engineering

21 Days Yoga Session  
Attendance on Day 21

21 JUN 2022

S. No.	Name of the Participant	Department	Signature
1.	Dr. Mahesh Goudar	Director	
2.	Dr. P. Hatte	Dean, SMCE	<i>Hatte</i>
3.	Vaishali Karkar	Asst. Prof	<i>BP</i>
4.	Dr. Maya Charde	Assoc. Prof & WS	<i>M</i>
5.			
6.	Malge. A. M.	Mechanical	<i>D</i>
7.	S. M. Naikade	Systems	<i>Smm</i>
8.	Rushikesh Kakade	DSY-ETX	<i>Mekale</i>
9.	Suphnil Kenebr	DSY-ETX	<i>Suph</i>
10.	Aditya Bodekar	DSY-ETX	<i>Aditya</i>
11.	Pawam Kolte	DSY-ETX	<i>Pawam</i>
12.	Gautam Garkar	DSY-ENTC	<i>Gautam</i>
13.	Aarti Mandhane	DSY-ETX	<i>Aarti</i>
14.	Akshaya Chivhane	DSY-ETX	<i>Ak</i>
15.	Swarali Tumale	DSY-ETX	<i>SS</i>
16.	Rohini Sontakke	DSY-ENTC	<i>Rohini</i>
17.	Rajeshwari Kalitkar	Library	<i>Kalitkar</i>
18.	Arjun Dhodade	DSY-Civil	<i>Arjun</i>
19.	Aditya Mukund	TY-ENTC	<i>Aditya</i>
20.	Abhishek Sandhan	TY-ENTC	<i>Abhishek</i>
21.	Vaishnavi Ganeshkar	DSY Comp	<i>Vaishnavi</i>
22.	Pooja Pradip Patil	DSY Civil	<i>Pooja Patil</i>
23.	Neha Ingale	St. Chem	<i>Neha</i>
24.	Madhuri Pujari	DSY-ETX	<i>Madhuri</i>
25.	Shreya Agari	DSY COMP	<i>Shreya</i>
26.	Bhagyashri Bhosale	DSY Comp	<i>Bhosale</i>
27.	Dakshita Kolgare	DSY ETX	<i>Dakshita</i>
28.	Sanskriti Pamphattwar	DSY COMP	<i>Sanskriti</i>





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Participants

AP

ANAND VIKRAMJIMAR (LIC, Engin...

AP

ANAND VIKRAMJIMAR (LIC, Engin...

MM

012018046 NEEL SARAF

012018061 SWATIRAY PRASAD

012019007 SANEUP DADAG

012019005 HARBANS BHEDE

012019013 SANKET PANDE

012019018 NIKHIL MULLA

012019003 SURASH OMIALE

012019008 DEEPAK PATIL

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