

Three Days Workshop
on
"CO PO MAAPING, JUSTIFICATION
and ATTAINMENT"

14th - 16th December 2023



“येथे बहुतांचे हित”

Organized by

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

Approved by AICTE and by DTE Maharashtra
Affiliated to Savitribai Phule (SPPU), Pune
NAAC "A" Accredited Institute

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

COORDINATOR

Mr. Sudhir More
Assistant Professor, Mechanical Engineering,
MMIT, Lohgaon, Pune

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Prof. D. P. Yesane	Prof. A. S. Bhanage
Prof. E. D. Kurhe	Prof. B. D. Patil
Prof. G. L. Alampallewar	Prof. R. P. Polas

ABOUT MARTHWADA 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 THE Workshop

The workshop is organized for awareness of OBE among the faculties.

OBJECTIVES OF THE Workshop

- To understand the philosophy of the OBE – Education.
- To define the CO`s of their respective courses and mapped with PO`s with justification.
- To understand the Gap identification process
- To strengthen the CO PO Mapping, Justification and Target setting

TOPICS COVERED

1. Philosophy of the OBE –Education.
2. Course Outcome
3. Program Outcome
4. Program Gap identification
5. CO PO Mapping
6. CO Target setting

RESOURCE PERSONS

Dr. Mangesh R. Phate

Professor, AISSMS, Pune

Dr, Umesh Moharil

Associate Professor, MMIT

Mr. Rahul Patil

Assistant Professor, MMCOE

Dr. A. Sawaikar

Assistant Professor, MMCOE

Ms. Christina Thottan

Assistant Professor, MMCOE

REGISTRATION FORM

Three Days Workshop

On

**“CO PO MAAPING, JUSTIFICATION and
ATTAINMENT”**

(14th - 16th December 2023)

Name: -----

Designation: - -----

Department: -----

Organization/Institute: -----

Address: -----

Pin: -----

Mobile No: -----

Email: -----



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MARATHWADA MITRA MANDAL'S
INSTITUTE OF TECHNOLOGY (MMIT)
S.No.35, Plot No. 5/6, Lohgaon, Pune-411 047

Department of Mechanical Engineering

A REPORT ON

**“CO PO MAAPPING, JUSTIFICATION and
ATTAINMENT”**

14th to 16th December 2023



Organized By



Department of Mechanical Engineering

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Pune**

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Dr. R. V. Bhortake
Principal, MMIT, Lohgaon, Pune

Convenor

Dr. Anjali Joshi
Head of Department, Mechanical Engineering, MMIT, Lohgaon, Pune

Coordinator

Mr. Sudhir More
Assistant Professor, Mechanical Engineering, MMIT, Lohgaon, Pune

Speakers

1. Mr. Rahul Patil - MMCOE
2. Dr. A. Sawaikar - MMCOE
3. Ms. Christina Thottan _ MMCOE
4. Mangesh R. Phate– AISSMS, Pune
5. Dr, Umesh Moharil – MMIT



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Notice: “CO PO MAAPING, JUSTIFICATION and ATTAINMENT”



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Lohgaon, Pune-411047.

DEPARTMENT OF MECHANICAL ENGINEERING

NOTICE

Date: 12/12/2023

The Department of Mechanical Engineering is organizing a workshop on “CO-PO Mapping-Justification and Attainment”. Attendance is compulsory for all faculties.

Sessions will be delivered by expert team of MMCOE and AISSMS College

Following is the schedule of the workshop.

Sr.No.	Day/Date	Time	Venue
1	Thursday, 14/12/2023	1:30 pm Onwards	E-204
2	Saturday, 16/12/2023	11:00 am Onwards	E-204




(Dr. A. J. Joglekar)
(Sign)
HOD



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Department of Mechanical Engineering
(Academic Year 2023-24)

Date: 28/11/2023

**“CO PO MAAPING, JUSTIFICATION and
ATTAINMENT”**

The Department of Mechanical Engineering have organized 3 days' workshop on CO PO Mapping, Justification and Attainment. This workshop is aimed to develop the OBE Awareness among the faculties to enhance the Teaching-Learning in the Institute.

The workshop has three days training by experts followed by the hands on practice. First session was conducted by Dr. Umesh Mohril from MMIT . Second session was conducted by expert team of MMCOE focusing on CO PO mapping and Justification. Third session was focused on the Target setting and Attainment of the same, which was given by Dr. Phate from AISSMS COE. Faculties have prepared the CO`s of their subject along with CO PO mapping and justifications. Targets of CO`s was also set at the end of workshop

The details of Workshop are as follows:

Date: 20th to 23rd December 2023

Mode: Offline Mode

Resource Person: Mr.

1. Mr. Rahul Patil - MMCOE
2. Dr. A. Sawaikar - MMCOE
3. Ms. Christina Thottan _ MMCOE
4. Mangesh R. Phate– Aissms
5. Dr, Umesh Moharil - MMIT



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Outcome:

Faculties have understood the philosophy of the OBE –Education. All faculties have revised the CO`s of their respective courses and mapped with PO`s with justification. The PSO`s of all program are also changed. The Gap identification process is carried out in the all programs and actions to be taken is also finalized.

A four days' activities are planned in further course to strengthen the CO PO Mapping, Justification and Target setting.



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List of Faculties participated:

Your Full Name	Department
Mr. Naresh B. Dhamane	Mechanical Engg.
Mr. Dhananjay Manohar Bhoge	Mechanical Engg.
Mr. Dhruv Dhamane	Engineering Science
Mr. Naresh Dhamane	Mechanical Engineering
Dr.Mangesh S. Salunke	Computer Engineering
Prof. Vikas Chavan	Computer Engineering
Harshal Dattatray Vaidya	Engineering Science
Ms.Mrunal Sanjay Jagtap	Computer Engineering
Ms.Mahale Rohini D.	Computer Engineering
Tejaswini Sunil Bhoje	Computer Engineering
Dr. Yogendra Patil	Computer Engineering
Prof.Yamini P. Warke	Computer Engineering
Apurva Ulhe	Mechatronics Engineering
Dr. Girish Allampallewar	Mechanical Engineering
Mr. SANJAY A. AGRAWAL	Computer Engineering
Mr. Vishal V. Kulkarni	Mechatronics Engineering
Mr. Nisar S. Shaikh	AI & DS Engineering
Swapnil M. Gagare	AI & DS Engineering
Rajesh Dharmale	Mechanical Engineering
Swapnil S. Chaudhari	Computer Engineering
Shashikant Golande	Mechatronics Engineering
Reshma S.Fegade	Civil Engineering
Dr. Megha Vishal Kadam	Computer Engineering
Sonali Shrikant Patil	Mechatronics Engineering
Dr.Atul Prakashchandra Khatri	Civil Engineering
Dr.Anjali Joshi	Mechanical Engineering
Mr. Ashish Kishor Bhise	AI & DS Engineering
Mrs Devyani Jitendra Bonde	Computer Engineering
Ms. Rucha A. Agrawal	AI & DS Engineering
Punam Bhimrao Kokate	Civil Engineering



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Mr. Rohit Polas	Mechanical Engineering
Mr. Mukesh Mamraj Sharma	Engineering Science
Mr. Dinesh Satre	Computer Engineering
Dr. Mrs Pratibha Sachin Desai	Engineering Science
Mr.Yogesh B.Dongare	Computer Engineering
Mrs. Shalaka A. Kshirsagar	Mechatronics Engineering
Dr. Sachin Vyasrao Mutalikdesai	Mechanical Engineering
Dr.Subhash G. Rathod	Computer Engineering
Mrs. Leena A Deshmukh	Civil Engineering
Dr. Gargi S. Yadav	Mechatronics Engineering
Dr. Jyoti Yogesh Deshmukh	Computer Engineering
Umesh Moharil	Engineering Science
Dayanand Pandurang Yesane	Mechanical Engineering
Suhas Ramdas Kothavle	Computer Engineering
Mr. Narendra Ramesh Kalbhor	Civil Engineering
Mayur Ramkrishna Gandhile	Civil Engineering
Mr. Dhananjay Manohar Bhoge	Mechanical Engineering
Bhuvaneshwar Dnyandeo Patil	Mechanical Engineering
Vaibhav Dinkar Sawant	Civil Engineering
Mr. Eknath D. Kurhe	Mechanical Engineering
Mr. Naresh B. Dhamane	Mechanical Engineering
Dr. Mukesh Ghogare	Mechatronics Engineering
Dr. Manjula A.Alloli	Engineering Science
Amita Pal	Engineering Science
Mrs. Vidya Nadkarni	Engineering Science
Shwetal K Patil	Computer Engineering
Mr. Dayanand Pandurang Yesane	Mechanical Engineering



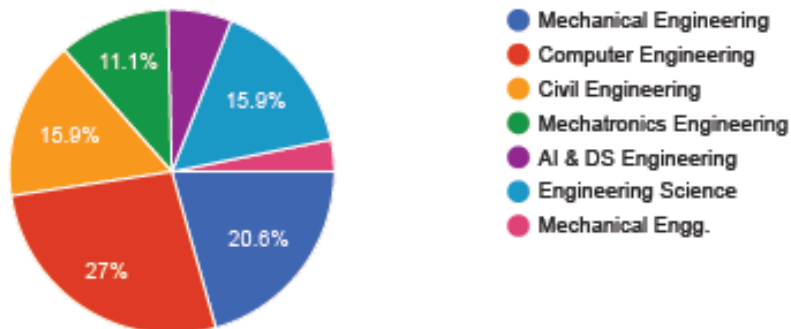
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Feedback Analysis

Department

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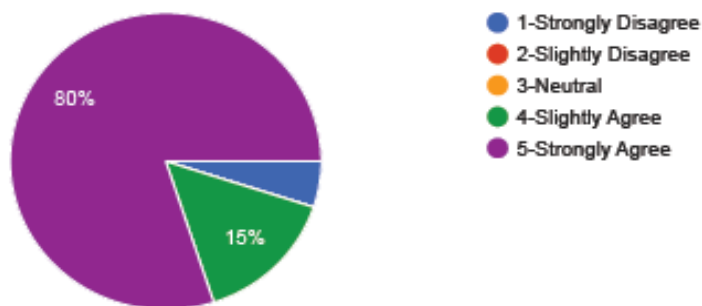
63 responses



After attending the program, the understanding of CO-PO mapping is enhanced.

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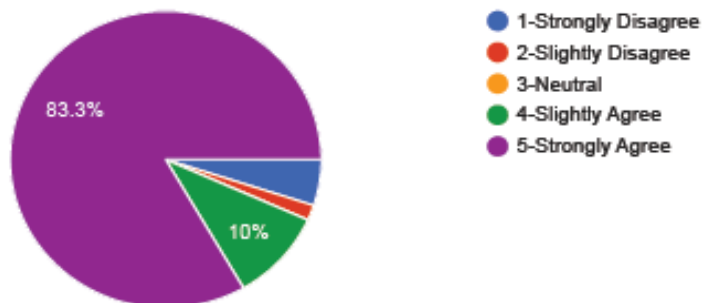
60 responses



The contents of the program were adequate.

Copy

60 responses





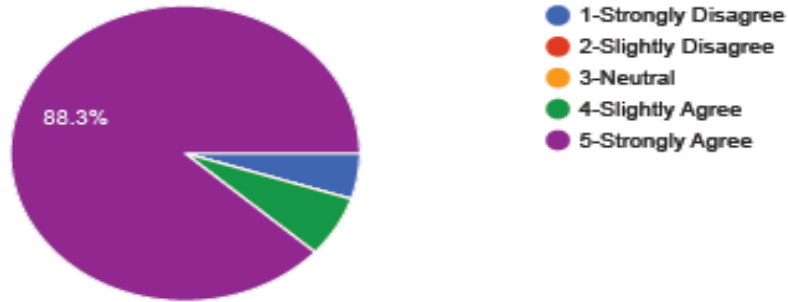
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The program was structured and well organised.

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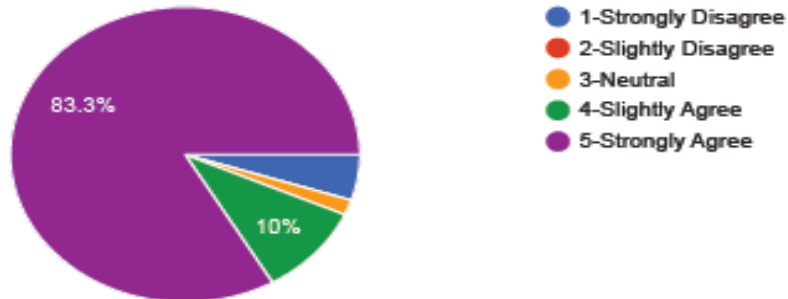
60 responses



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

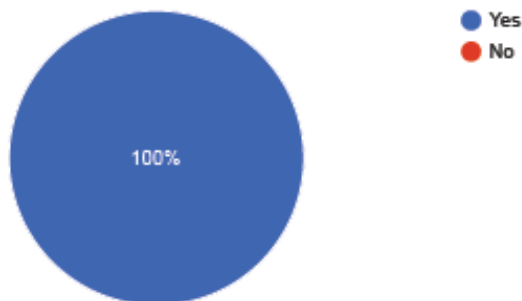
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60 responses



The program arrangements were adequate.

60 responses





What did you like the most about the program?60 responses

OBE
Presentation
CO PO attainment calculation
All program
Nice session
Overall Interaction
CO PO calculation
COPO attainment
Overall Presentation is understanding
Motivational Session
Mapping
Useful insights about OBE
Additional information key points about OBE
CO PO Attainment Calculation
Mapping strategy
Co po attainments
Attainment methods
Examples
Excellent Program
Way of explanation
Co framing, rubrics explanation
Attainment calculation
Delivery
Justification part
Mapping Technique
Contents about CO-PO mapping
CO PO attainment
Different Methods of workshop presenter.
All
Practical solutions suggested
Attainment and CO mapping
all
Discussion on Gap Identification
COPO Mapping and Attainment Calculations



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Suggestions for further improvement (if any)60 responses

No

NA

Nothing

Na

Nil

No any

No thanks

Nice session

Hands on session

Have to take hands on session

Hands on Session

No

Finalize the format

Not needed

Please conduct hands-on session for the same.

Hnads on training session can be arranged next time.

More such session for hands-on

Demonstration of co Po Attainment

Hands on session must be organized

We can schedule such a program at the very start of academic year, so that we can follow it from the beginning.

Importance of CO PO attainment. Rubrics finalization for different courses

Hands on sessions

It was nicely conducted. Still I feel that Hands on session will make more influence.

Hands on Co attainment calculation

No.

None

It could be better if Subject wise group discussions, involving every subject teacher's view get arrange.

Nothing specific

no any

should have such programs frequently

No Thanks

Work shop with involvement of participants



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Glimpses of the Session:



Prof. S. S. More
Coordinator

Dr. Anjali Joshi
Head of Department