

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCEGWALIOR(M.P.)



## CHEMICAL ENGINEERING DEPARTMENT

Volume 8/Issue 4

Oct. 2025–Dec. 2025

### VISION

To be a leader in Chemical Engineering  
The challenges of process

Industries needs and societal

### ABOUT THE DEPARTMENT

The Chemical Engineering Department was started in 1996 it offers B.E. and MTech. Courses in Chemical Engineering. Department was started with 30 students in undergraduate but later on realizing the importance and need for Chemical Engineers, intake capacity raised to 60 in 2013-14. MTech. Course was started in 2013-14 with specialization in Chemical Engineering. The Department started with vision developing itself into academic excellence in Chemical Engineering and associated areas in order to develop competitive professionals and experts having knowledge, skills and attitude to serve the society and nation.

### MISSION

Share state of the art knowledge and

To adopt good pedagogical practices

order excellence. achieve

Develop research culture and create

### PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Develop innovative products and services in the field of Chemical Engineering and Allied Engineering disciplines.

PEO2: Make use of Chemical Engineering with modern experimental and computational skills in higher education and research.

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**NPTEL /ATAL/  
COURSERA/  
INTERNSHALA  
COURSE  
ATTENDED BY  
THEFACULTY**

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Coures	NameofFaculty	DetailsofCourse
NPTEL COURSES	Prof. Anish P. Jacob	1. Secured Elite Certificate in 12 week NPTEL course on “Energy Materials and Devices” during July - Oct 2025



**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANISH P JACOB**  
for successfully completing the course



**Energy Materials and Devices**

with a consolidated score of **66** %

Online Assignments	21.88/25	Proctored Exam	44.36/75
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Total number of candidates certified in this course: 277

  
**Prof. Andrew Thangaraj**  
Chair  
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025  
(12 week course)

  
**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25PH56S971600044

To verify the certificate



No. of credits recommended: 3 or 4

FDP/STC

ATTENDED

(OUTSIDETHE

INSTITUTE)

Coures	NameofFaculty	DetailsofCourse
FDP/STC ATTENDED BY NPTEL COURSE	Prof.AnishP.Jacob	1. Got FDP certificate in NPTEL course on “Energy Materials and Devices” with 66 % organized by IIT Delhi during July - Oct 2025



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANISH P JACOB**

for successfully completing the course

**Energy Materials and Devices**

with a consolidated score of **66 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jul-Oct 2025)

Roll No: NPTEL25PH56S971600044

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16<sup>th</sup> Nov, 2023, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2023

## Departmental Events

Events	Name of Faculty	Details of Events
Mandatory workshop	Dr. Shourabh Singh Raghuwanshi	A one day mandatory workshop titled “the Indian Constitution and Cultural Values” at the Department Level on 01. Nov.2025 was successfully conducted for I Semester students as part of their curriculum

Prof. Shivangi Sharma

Nominated as module mentor for Skill Internship Program-I (Soft Skills) for all B.Tech first year students conducted from 22nd Dec to 31st Dec, 2025

<https://drive.google.com/drive/folders/1kZJ7iQsfSVrAVn2wy8KUNkjHsTx9ceBZ?usp=sharing>



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत  
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA  
Deemed University  
(Declared under District Category by Ministry of Education, Government of P.U. & H.  
NAAC ACCREDITED WITH A++ GRADE



Date: 11/09/2025

**Mandatory Workshop  
Mechanical & Chemical Engineering Department**

Following expert names are proposed for conduction of Mandatory workshop for B.Tech (I & III) semester students:

S.No	Name of Expert & Designation	Title of Workshop	Date	Sem	Time	Venue
1	Prof. Naval Bajpai (Professor, IITM Gwalior)	Report Writing	04/10/2025	I	11:00 AM Onwards	SH-IV
2	Prof. Madan Lal Bhargava (Lecturer, Govt. Polytechnic College, Gwalior)	Indian Constitution and Cultural values	01/11/2025	I	11:00 AM Onwards	SH-IV
3	Er. Sunil Kumar (Joint Director, Head of Works & Estate, DRDE, Gwalior)	Mastering Competitive Success	27/09/2025	III	11:00 AM onwards	SH-IV

It is kindly requested to give permission for the remuneration as per the MITS-DU norms.

**Workshop coordinators**

Dr. Jyoti Vimal - III SEM

Vedansh Chaturvedi - III SEM

Shivangi Sharma - III SEM

Sharad Agrawal - I SEM

Dr. Saurabh Raghuwanshi- I SEM

Dr. M. K. Gaur  
Head, Ch.ED

Dr. C.S. Malvi  
Head, MED

Submitted for kind approval,

Approved/Not Approved

Dr. Manjaree Pandit  
Pro-VC, MITS-DU



## EDITORIALBOARD

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