

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR(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 latter 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.

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

Courses	Name of Faculty	Details of Course
NPTEL COURSES	Prof. Anish P. Jacob	<ol style="list-style-type: none">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)



skill India
कौशल भारत - कुशल भारत



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
(OUTSIDE THE
INSTITUTE)**

Courses	Name of Faculty	Details of Course
FDP/STC ATTENDED BY NPTEL COURSE	Prof. Anish P. Jacob	<ol style="list-style-type: none">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

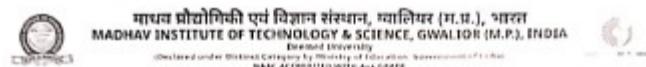
The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE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

Departmental Events

Events	Name of Faculty	Details of Events
Mandatory workshop	Dr. Shourabh Singh Raghuvanshi	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>



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, IIITM Gwalior)	Report Writing	04/10/2025	I	11:00 AM Onwards	SII-IV
2	Prof. Madan Lal Bhargava (Lecturer, Govt. Polytechnic College, Gwalior)	Indian Constitution and Cultural values	01/11/2025	I	11:00 AM Onwards	SII-IV
3	Er. Sunit Kumar (Joint Director, Head of Works & Estate, DRDE, Gwalior)	Mastering Competitive Success	27/09/2025	III	11:00 AM onwards	SII-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. Milvi
 Head, MED

Submitted for kind approval,

Approved/Not Approved

Dr. Manjrekar Pandit
 Pro-VC, MITS-DU



GPS Map Camera

Gwalior, Madhya Pradesh, India 

Racecourse Rd, Near Gola Ka Mandir, Mela Ground,

Thatipur, Gwalior, Madhya Pradesh 474005, India

Lat 26.231452° Long 78.206124°

Saturday, 01/11/2025 01:25 PM GMT +05:30

EDITORIALBOARD

Advisor: Dr. Shourabh Singh Raghuwanshi