

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR (M.P.)



CHEMICAL ENGINEERING DEPARTMENT

Volume 4 / Issue 5

Oct. 2021 – Dec. 2021

VISION

To be a leader in Chemical Engineering Education and Research by providing balanced learning and fostering research to enable the learners to meet the challenges of process industries and societal needs.

MISSION

- Share state of the art knowledge and facilities and enable optimal utilization of the resource in the region.
- To adopt good pedagogical practices and ethics in order to achieve excellence.
- Develop research culture and create a platform to disseminate research and development

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.

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.

**EXPERT TALK
ORGANIZED AT
INSTITUTE
LEVEL**

1. Expert Talk on 20 th Nov 2021, Child Rights Day by Dr. Shaleen Sharma, Assistant Director, Women & Child Development, Gwalior

2. Expert Talk on 10 th Dec 2021, Human Rights Day by Mr. Rohit Sharma, Author MP Migrant Report, 2021 & Mr. Swapnil Shukla, Co-Founder Zenith Society for Socio Legal Empowerment

By: - Anish P. Jacob

**STUDENT CLUB
ACTIVITY
ORGANIZED**

Poster Making & Creative Writing Competition organized on 20 th Nov 2021 on the occasion of Child Rights Day.

By: - Anish P. Jacob

**ACTIVITIES
ORGANIZED
(WORKSHOP/CO
NFERENCE/FDP/
STC/WEBINAR)
AT INSTITUTE
LEVEL**

Online Awareness session on Gender Sensitization

Organized by Dept Gender Coordinators

Date of activity - 24.12.2021

Total participants – 30

By: - Prof. Swati Gupta & Prof. Anish P. Jacob

ONLINE FEEDBACK USING MOODLE

The constraints of pen and paper method of receiving feedbacks are many, which render the whole process meaningless. The main constraints in this method are- cost of printing which increases with the increase in number of questions. Moreover, the students lose interest in filling those never-ending sheets of paper, and the sheets from the booklets also. In such scenario, the data obtained, from the feedback are not complete and are unreliable. In addition to that, this data can't be analyzed deeply, without investing tremendous amount of resources.

In such a scenario, this year, the student feedback about different Faculty member and courses has been obtained using an online platform, MOODLE. Use of MOODLE for obtaining feedback has resulted in overwhelming participation from students. Moreover, the completeness of data is also guaranteed. The length of feedback questionnaire can be increased without any problem. In addition to that, the data obtained can be analyzed in multitude ways, very easily.

INTRODUCTION OF NPTEL COURSES UNDER SWAYAM

During the last few years, the awareness among engineering students about social media has increased exponentially. The inclination among present day students is towards learning from online platforms, where they can learn at their own pace in their own time, at a place of their choice. SWAYAM is an initiative whose motive is to exploit this tendency of students for online learning.

The lectures of the courses are available on YouTube platform, where a student can watch them and learn. These courses also include assignments given by Instructors assigned to these courses. These assignments are submitted using Google Classroom, which facilitates transparency and continuity in the evaluation of students. Moreover, a student receives prompt results.

EDITORIAL BOARD

Advisor: Dr. Shourabh Singh Raghuwanshi, Assistant Professor

Composed by: Rehan Khan (0901CM191044)

Shashwat Gupta (0901CM191050)

Shiwangi Shrivastava (0901CM191052)

Sunit Kumar Soni (0901CM191055)



The poster features a vibrant orange and yellow background with silhouettes of children jumping joyfully at the bottom. At the top left and right are logos for 'MAHARAJA INSTITUTE OF TECHNOLOGY' and 'MAHARAJA INSTITUTE OF EDUCATION'. The central text reads 'Child's Rights Day 2021' in a large, bold font, followed by the tagline 'Children deserve to be happy, healthy and safe.' Below this, two boxes are presented: 'Poster making Competition' with a palette icon and 'Creative Writing Competition' with a pen icon. Both boxes specify a 'Last date of submission: 18.11.2021' and include a QR code. A note at the bottom states: '*Winners will be awarded with e-certificates and all the participants will receive participation e-certificates.' The footer contains contact information for Prof. Anish Jacob, Dr. Anjula Mehto, and Shivam Sharma.

Child's Rights Day 2021
Children deserve to be happy, healthy and safe.

Poster making Competition
Last date of submission: 18.11.2021

Creative Writing Competition
Last date of submission: 18.11.2021

**Winners will be awarded with e-certificates and all the participants will receive participation e-certificates.*

Contact : Prof. Anish Jacob : 9993370276, Dr. Anjula Mehto : 8839235288, Shivam Sharma: 9174482510
(Faculty Co-ordinator) (Faculty Co-ordinator) (Student Co-ordinator)



Child's Rights Day 2021

Children deserve to be happy, healthy and safe.

Expert talk

#20th of November

#Starts at 11:00 am

#click on below link to join

<https://meet.google.com/utr-jgsq-zyu>

Or Google meet code: uir-jgsq-qyu



*Dr Shaleen Sharma
Assistant Director, Women and child
development, Gwalior*



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**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE,
GWALIOR**

(A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE AFFILIATED TO RGPV, BHOPAL)

Celebrates

HUMAN RIGHTS DAY

Stand for human dignity and equality

on

December 10, 2021

Join: An Expert Talk

Time: 3:00 PM onwards

Link: meet.google.com/hwz-uetb-ccn



Rohit Sharma
Speaker

Author MP Migrant
Report, 2021



Swapnil Shukla
Speaker

Co-Founder Zenith Society for
Socio Legal Empowerment

E-certificates to the participants



Faculty Coordinators: Prof. Anish Jacob, Dr. Anjula Mehto