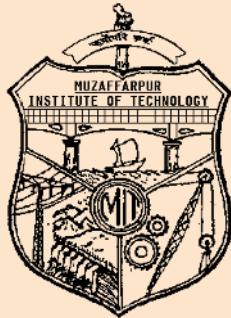


TEQIP III SPONSORED

Five-Day Workshop on “Mechanical Design Tools/Software and their Industrial Applications”

Organized By
Department of Mechanical Engineering
Muzaffarpur Institute of Technology,
Muzaffarpur
BIHAR-842003



Date: 5th March, 2019–9th March, 2019



ABOUT THE COLLEGE

M.I.T.Muzaffarpur came into existence on 25th September 1954, just seven years after independence of India. The institute is under administrative control of Department of Science and Technology, Government of Bihar. MIT Muzaffarpur is an AICTE approved institution and affiliated to Aryabhata Knowledge University, Patna.

ABOUT THE DEPARTMENT

Mechanical Engineering Department is one of the leading departments of MIT Muzaffarpur. The presence of well-equipped laboratories and highly qualified faculties makes it one of the best centres for mechanical engineering. Currently the department offers four year undergraduate program and two year postgraduate program in Machine Design and Thermal Engineering.



COURSE OBJECTIVES

- Basics of Mechanical design tools/software prevalent in modern day industrial applications.
- Basics of ANSYS, MATLAB, FE Modelling, Open-FOAM and CAD software.
- Practical problem solving using mechanical design tools/ software.

WHO CAN ATTEND?

All existing students of Mechanical Engineering Department, MIT Muzaffarpur.

RESOURCE PERSONS

Dr. Ajitanshu Mishra Head of Department of Mechanical Engineering, Invertis University, Bareilly
Mr. Raman Jha Project Manager (Operation), TATA Technologies
Dr. Prabhansu Assistant Professor, MED, MIT Muzaffarpur
Mr. Narayan Kumar Assistant Professor, MED, MIT Muzaffarpur
Mr. Gaurav Kumar Assistant Professor, MED, MIT Muzaffarpur
Mr. Amit Kumar Assistant Professor, MED, MIT Muzaffarpur
Mr. Md. Irshad Alam Assistant Professor, MED, MIT Muzaffarpur

GENERAL INSTRUCTIONS

- A certificate of participation will be presented to all the participants.
- The total participations is limited to 40 members. The participants will be selected on “First-Come-First-Serve” basis out of the eligible applicants.

HOW TO APPLY?

Fill the registration form and submit it to the coordinator Mr. Amit Kumar or send it at amit.iitr892@gmail.com by 04th March, 2019.

IMPORTANT DATES:

Last date of Registration: **04th March 2019**
Course Period: **05th March to 09th March 2019**

VENUE: Conference Hall, MIT Muzaffarpur

ORGANISING COMMITTEE

Patron-in Chief	Dr. J. N. Jha Principal, MIT Muzaffarpur
Patron	Dr. Y. N. Sharma TEQIP – III, Co-Ordinator
Co-Patron	Dr. Vikash Kumar HOD, MED, MIT Muzaffarpur

Convener

Mr. Gulshan Kumar
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Mob: 6201989043

Co-convener

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Coordinators:

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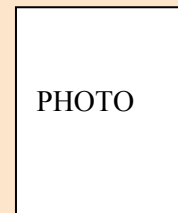
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APPLICATION FOR REGISTRATION
Application for Workshop on Mechanical Design
Tools/ Software and Their Industrial Application
05th March 2019 - 09th March 2019

- Name.....
- Age.....
 - Sex: M/F.....
- Designation.....
- Organization.....
- Address for Correspondence



.....
.....
E-mail:

Phone/Mobile:

6. Highest Academic qualification.....

7. Specialization.....

8. Experience (in years)
a) Teaching:
b) Industrial:

Date.....

Place.....

Signature of Applicant

Signature of Head of Department

Note: Please note that 100% attendance is compulsory in the course.



MUZAFFARPUR INSTITUTE OF TECHNOLOGY,
MUZAFFARPUR, BIHAR – 842003
 (Department of Science & Technology, Govt. Of Bihar)

Workshop
 on
 ‘Mechanical Design Tools/ Software and their Industrial Application’
 05-09 March, 2019

SCHEDULE

Date/Day	10:00 am-11:15 am	11:15 -11:30 am	11:30 am - 01:00 pm	01:00 - 2:00 pm	2:00 pm - 4:00 pm	4:00 - 4:30 pm
05.03.2019 Tuesday	REGISTRATION 09:00 – 10:00 & INAUGURATION	TEA	Introduction of Finite Element Method (Dr. Ajitanshu Mishra)	LUNCH BREAK	Application of FE Modelling to Different Industrial Application (Dr. Ajitanshu Mishra)	TEA
06.03.2019 Wednesday	Application of CAD in Chemical and Oil Industry (Mr.Md.Irshad Alam)		Introduction of Design & Simulation (Mr. Raman Jha)		Design & Simulation (Mr. Raman Jha)	
07.03.2019 Thursday	Basics of ANSYS FLUENT (Dr. Prabhansu)		Flow Simulation of Cyclone Separator in ANSYS FLUENT (Dr. Prabhansu)		Flow Simulation of Cyclone Separator in ANSYS FLUENT (Dr. Prabhansu)	
08.03.2019 Friday	Basics of MATLAB (Mr. Narayan Kumar)		Numerical Computation Using MATLAB (Mr. Narayan Kumar)		Optimization using MATLAB (Mr. Narayan Kumar)	
09.03.2019 Saturday	Introduction to XRD (Mr. Amit Kumar)		LEARNING EVALUATION-I		VALEDICTORY FUNCTION	