

## 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 programs and two-year postgraduate programs in machine design and thermal engineering.



## COURSE OBJECTIVES

- Automation in Thermal Power Plant
- Application of Programmable Logic Control (PLC) in Machines
- Automation in Production Engineering
- Automation in High Power Engine (BHP more than 950) used in Mining machinery
- A primer on Bio-inspired Mobile Robotics
- Under water Robotics and Robotic motion simulation.
- Automation in Valves used in Chemical Industry
- Electric Vehicles
- Hydraulic and Pneumatic System
- Fluid Automatic System

- Economic Perspective of Automation
- Components of Automation

## WHO CAN ATTEND?

All existing faculty members, undergraduate students of 2016 and 2017 batch and postgraduate students of 2018 batch of Mechanical Engineering Department.

## GENERAL INSTRUCTIONS

- A certificate of participation will be presented to all the participants.
- The total participation is limited to 80 members. The participants will be selected on "First-Come-First-Served" basis out of the eligible applicants.

## HOW TO APPLY?

Fill the registration form and submit it to the contact person (Mr. Santosh Kumar, Assistant professor Mechanical Engineering Department) or send it to [santosh@mitmuzaffarpur.org](mailto:santosh@mitmuzaffarpur.org)

## IMPORTANT DATES:

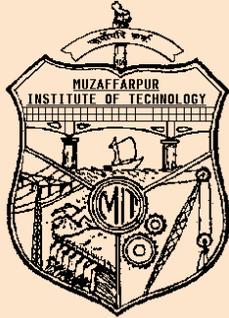
**Last date of Registration: 31<sup>st</sup> August 2019**

**Course Period: 2<sup>nd</sup> Sep to 6<sup>th</sup> Sep, 2019**

**VENUE:** Department of Mechanical Engineering, Main Building, MIT Muzaffarpur

# TEQIP III SPONSORED Five-Day Workshop on “Automation in Mechanical Engineering”

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



**Date: 2<sup>nd</sup> Sep to 6<sup>th</sup> Sep, 2019**



## RESOURCE PERSONS



### Mr. Vikram Raj

B.Sc. Engineering in mechanical from MIT Muzaffarpur in 2010  
Manager in NTPC Barh.



### Dr. Atul Thakur

B.E from University of Mumbai (2003)  
M.Tech from IIT Bombay, Mumbai (2006)  
Ph.D from University of Maryland, College Park  
Assistant professor in IIT Patna  
He has past experience of Design Engineer in GE.  
He has various journal Publications and Awards from Different Agency like ASME, Elsevier, NSF USA and General Electric, Bangalore Technology center.



### Mr. Sanjay Kumar

Ex. General manager/HOD Coal India.  
FIE Chartered engineer (Mechanical), Visiting faculty at IICM, BIT & IIM Ranchi



### Mr. Arjun Kumar

B. Tech -NIT Patna  
IES Officer in Rail wheel plant Bela



### Mr. Md. Irshad Alam

Assistant Professor, MED, MIT Muzaffarpur  
M.Tech from IIT Kanpur  
He has an experience of 4.5 years in Stress analysis using CaesarII Software in TATA CONSULTING ENGINEERS LIMITED(TCE).  
He has worked in International Projects of SABIC (Saudi Arabian Basic Industries Corporation) in TCE.

1.5 years teaching experience



### Mr. Gulshan Kumar

Assistant Professor, MED, MIT Muzaffarpur  
MME from Jadavpur University  
6 years teaching experience



### Mr. Ankit Kumr

Assistant Professor, MED, MIT Muzaffarpur  
M.Tech from IIT(ISM) Dhanbad.



### Mr. Niteesh Kumar Dubey

Assistant Professor, MED, MIT Muzaffarpur  
M.Tech from IIT Ropar  
He has an experience of Design Engineering at Oceaneering International Services Ltd.



### Dr. S.S Prashad

Associate Professor, MED, MIT Muzaffarpur  
M.Tech from IIT Delhi  
Ph.D. from IIT Delhi  
34 years teaching experience



### Mr. Irfan Haider

Assistant Professor, MED, MIT Muzaffarpur  
M.Tech from AMU, Aligarh  
6 years teaching experience

## ORGANISING COMMITTEE

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

**Convener**

Dr.. Prabhansu  
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**Mob: 8709649164**

**Co-convener**

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Mr. Niteesh Kumar Dubey  
Assistant Professor

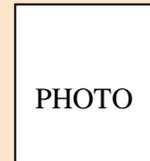
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Assistant Professor

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**Mob: 8757388253**

**APPLICATION FOR REGISTRATION**  
**Application for Five-Day Workshop on**  
**“Automation in Mechanical Engineering”**

**2<sup>nd</sup> Sep to 6<sup>th</sup> Sep, 2019**



- 1. Name.....
- 2.
  - a) Age.....
  - b) Sex: M/F.....
- 3. Designation.....
- 4. Organization.....
- 5. Address for Correspondence  
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.....

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 principal/Head of Institution

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