



One Week

Faculty Development Program

on

"RISE OF THE MACHINES: ROBOTICS AND AUTOMATION"

16th SEPTEMBER – 20th SEPTEMBER 2024

Organized by

Department of Mechanical Engineering

IEM, Salt Lake Campus

University of Engineering & Management

Kolkata-700091 West Bengal, India



Advisory Committee

Prof. (Dr.) Satyajit Chakrabarti

President, IEM Kolkata, India.

Prof. (Dr.) Satyajit Chakrabarti

Director, IEM Kolkata, India.

Prof. (Dr.) Arun Kumar Bar

Principal, IEM Kolkata, India.

Coordinator

Dr. Bikash Choudhuri, ME, IEM Kolkata

Co-Coordinator

Prof. Joydip Ray, ME, IEM Kolkata,

Organizing Committee

Prof. (Dr.) Dwaipayan De, HoD, ME, IEM Kolkata,

Prof. (Dr.) Rahul Baidya, Asst.HoD, ME, IEM Kolkata,

Prof. Asim Dhar, ME, IEM Kolkata,

Prof. Sandip Kumar Choudhuri, ME, IEM Kolkata,

Prof. Gunjan Kumar, ME, IEM Kolkata,

Prof. Ishita De, ME, IEM Kolkata,

Prof. (Dr.) Tamonash Jana, ME, IEM Kolkata

Who can participate?

All the faculty members, research scholars, and industry persons can attend the FDP.



Email ID:

iem.medept@gmail.com

About the FDP

Robotics and automation applications are advancing rapidly, with widespread impact from industrial automation to defense. These fields play a crucial role in shaping future intelligent systems for industry and society. As next-generation industries require engineers with interdisciplinary skills to meet future demands, this FDP aims to explore key areas in robotics and automation that are transforming manufacturing.

About the College

Institute of Engineering & Management (IEM) was established as the first self-financed engineering college in the state of West Bengal at Kolkata in 1989. Since then the institute has been socially accredited as the best self-financed engineering institute of West Bengal and admits top ranking students. The Institute achieved Grade A from National Assessment and Accreditation Council (NAAC). The institute runs full time four year B.Tech courses in ME, CSE, ECE, EEE, EE, IT, AI, AIML, IOT, IOTCSBT and CSBS. Not only engineering courses the Institute has Under Graduate and Post Graduate degree in Management. The institute offers PhD programs for all branches.

About the Department

The department of ME was set up in 2013. Over the years, the department has added to the physical infrastructure with the formation of laboratories and addition of equipment. The department boasts of an array of eminent teachers whose ability and commitment provide a great educational experience for the students. The department attracts the best of students from diverse milieu, which help to create a unique cross-cultural learning experience. We offer 3 minor degree including Robotics along with major degree. The department also offering PhD programming.

Contact Details: 79803 82872

Registration

Participants can register here

<https://forms.gle/xW3adEvJnfmkbNvx6>

FACULTY DEVELOPMENT PROGRAMME

On

"RISE OF THE MACHINES: ROBOTICS AND AUTOMATION "

Organized by

Department of Mechanical Engineering , IEM, Salt Lake Campus
University of Engineering & Management, Kolkata-700091 West Bengal, India

Guest Speakers

16th September



*Prof. Ranjit Kumar Barai,
Jadavpur University*

**Real-time Path
Planning of Robot
Manipulator for
Visual Servoing**

17th September



*Prof. Subhasis Bhaumik,
IEST Shibpur*

**Navigating
Industry 4.0 and
5.0 - A Path to
Excellence**

18th September



*Prof. Ekta Singla,
IIT Ropar*

**Five Decades of
Robotic
Manipulators: A
Journey**

19th September



*Prof. Saravana Perumaal,
NITTTR, CHENNAI*

**Factory of the
Future: Robot's
Perspective**

20th September



*Prof. Amitava Chatterjee,
Jadavpur University*

**Gesture Recognition
for Human-robot
Collaboration**

16th – 20th SEPTEMBER 2024

**Additional LinkedIn
Certificate Course**

Registration Link:

<https://forms.gle/xW3adEvJnfmkbNvx6>



Contact Details: Mobile No. 79803 82872

Email ID: iem.medept@gmail.com