

FACULTY DEVELOPMENT PROGRAM

(Online Mode)

ON

Advancement in Industrial Automation and Environmental Friendly Manufacturing

December 28th - 30th, 2020



Organized By

Department of Mechanical Engineering

Asansol Institute of Engineering and Management - Polytechnic

BAGBANDI ROAD, P.O. KALIPAHARI, ASANSOL - 713339

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Program Highlights

- Industrial automation is the use of control systems, such as computers or robots, and information technologies for handling different processes and machineries in an industry to replace a human being. It is the second step beyond mechanization in the scope of industrialization.
- Environment-Friendly Machining provides an in-depth overview of environmentally-friendly machining processes, covering numerous different types of machining in order to identify which practice is the most environmentally sustainable.

Topics to be covered

- Environment Friendly Machining
- Evolutionary Solutions for Static Multi-Objective Cell Formation Problem
- Path Planning for Mobile Robots

About AIEM - Polytechnic

Located near Kalipahari More, Asansol Institute of Engineering and Management - Polytechnic has been founded by education lovers to fill a gap in the private diploma level engineering colleges in and around the West Bengal - Jharkhand belt, with an aim to make best quality education accessible to students by means of a student-oriented institute, which has been demonstrated from our very first intake in June 2015. Our highly experienced faculties, aided by state of the art facilities in laboratories and classrooms are dedicated towards helping pupils achieve their true potential, and in just a few years AIEM-P has already gained a reputation for being academically sound. Students are motivated to boost up their strengths and work on their weaknesses together with the academic staff. With a great classroom experience, individual attention, along with the use of digital tools and notes, our students get immense help in preparing themselves to excel in their career.

About the Department

The Department of Mechanical Engineering was established in the year 2015 with the approval of AICTE and WBSCT&VE&SD. The department, as a part of the institute, offers Diploma Programme in Mechanical Engineering. Our department has a team of highly qualified and experienced faculty and technical assistant. Over the years the progress of the department is unstoppable as it has grown not only in terms of students and faculty strength, but also improved in terms of laboratory facilities for teaching and learning purposes.

The students of our department have been placed in some major companies like Mahindra & Mahindra, Force Motor, John Deere and many more. The Mechanical Engineering Department has persevered in upliftment of academic and professional standard, values and ethics.

Speakers/ Experts:



Dr. Deba Kumar Sarma
Associate Professor,
Dept. of Mechanical Engineering
NIT Meghalaya, Meghalaya
Day 1 (28 Dec, 2020): Environment friendly Machining



Dr. Diptendu Sinha Roy
Associate Professor,
Dept. of Computer Science and Engineering,
NIT Meghalaya
Day 2 (29 Dec, 2020): Evolutionary solutions for static multi objective cell formation problem



Dr. Prases Kumar Mohanty
Assistant Professor,
Dept. of Mechanical Engineering
NIT Arunachal Pradesh, A.P
Day 3 (30 Dec, 2020): Path planning for mobile robots

Patron:

Mr. H. N. Misra, Director, AIEM-P

Convener:

Dr. Lisha Misra, Principal, AIEM-P

Advisory Committee:

- Mr. C. R. Rout, Dean of Academic, AIEM-P
- Mr. Rana Chakraborty, HOD, CST, AIEM-P
- Mr. Susobhan Misra, HOD, Mechanical, AIEM-P

Co-ordinators:

- Mr. Arijit Kr. Dey (Mobile: +91-8918002210)
- Mr. Abhisek Mitra (Mobile: +91-7001883689)
- Mr. Siddhartha Shit (Mobile: +91-7001825306)

Organising Committee Members:

- Mr. Susobhan Misra
- Mr. Malay kr. Das
- Mr. Arijit Kr. Dey
- Mr. Abhisek Mitra
- Mr. Siddhartha Shit
- Mr. Saikat Chatterjee
- Mr. Debdeep Gorai

Target Audience

This program is open to faculty members & research scholars and who are working in the relevant fields.

Registration Form

Please register for the event using the following link:

<https://forms.gle/KKdsZFWqwRmY3r289>

Or scan the following QR Code:



Address for communication

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