



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

"Hands on Training on Advances in Design & Development of Mechatronics & Robotic System"

(17-21 December, 2018)



Organized by

Electronics & Communication Engineering Department
Government Polytechnic, Hingoli

Sponsored by

Maharashtra State Board of Technical Education, Mumbai

About MSBTE :

The vision of MSBTE is to ensure that the Diploma level Technical Education constantly matches the latest requirements of Technology and industry and insists on all-round development of students including social concerns to become active and efficient member of globally competitive, technology led organization. MSBTE have mission to provide high quality technical and managerial manpower, information and consultancy services to enable the industry and community to face the challenging technological & environmental challenges.

About Institute :

Govt. Polytechnic Hingoli is one of the premier institute of Govt. of Maharashtra in Aurangabad region established in 2009. In a very short span of time period institute has made rapid progress and today it is a full-fledge Govt. polytechnic with multifarious activities under its umbrella.

About Department :

The Department of Electronics & Communication Engineering established in 2009, is instrumental in molding the careers of students and helping them to become world-class professionals. The departments have qualified teaching and assisting staff, well equipped laboratories. Visions of the department is to be a centre of excellence in Electronics & Telecommunication Engineering education that produces globally competent professionals with social commitment.

Course Objectives :

The main objective of this program is to get hands on experience and to enhance the technical skill and knowledge of instrument and technique related to Robotics and Mechatronics.

With help of this FDP the participants will be versed with various aspects of advanced instruments and technique and then will be able to use it.

Topics to be covered ...

- Fundamental Issues in Robot Kinematic and Dynamic.
- Component and level of Automation.
- Mobile Robot
- Control System
- Machine Vision Robot
- Industrial control system, PLC programming using Ladder logic.
- Sensor and Actuator
- Robot Configuration & Programming.
- Application of Robot and automation
- Pneumatic and Electro pneumatic control
- Design control and application of Mechatronics system.
- Industrial visit.

Chief Patrons

Dr. Abhay Wagh (Director, DTE Mumbai)
Dr. Vinod Mohitkar (Director, MSBTE Mumbai)
Dr. V. R. Jadhav (I/c Secretary, MSBTE Mumbai)
Dr. M. D. Shivankar (Joint Director, Aurangabad)
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Advisory Committee

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Dr. S. A.H. Qadri (I/c Head Mech. Dept. G. P. Hingoli)

Chief Coordinator

Dr. R. K. Sawant
Head, Dept. of Electronics & Telecommunication

Programme Coordinator

Prof. F.B. Tanurkar
Lecturer in Electronics Engineering
Mob. No. 9960202051
Email Id tfirasat@gmail.com

Organizing Committee

Prof. E. E. Tadvi Pathan Prof. D. D. Labde
Prof. T. S. Parodwad Prof. S. B. Mote
Prof. M. R. Shaikh Prof. V. D. Raut

Bank A/c Number	62103803681
IFSC	SBIN0020018
MICR Code	431002404

Important Dates

Last date of registration : 12/12/2018
Confirmation mail will be sent to selected participants
by : 14/12/2018
Reporting Date and time : 17/12/2018 at 10.00 a.m.
Program Duration : 1 week (17-21 December 2018)

Eligibility Criteria

- ◆ Faculty of Electronics engineering group from polytechnic institute are eligible to participants
- ◆ Number of participants is limited to 30 based on scrutiny and first cum first serve basis.

Registration Fee : Rs. 500/-

- ◆ To be paid either by DD in favour of "Principal, Government Polytechnic Hingoli" payable at Hingoli
- ◆ By online payment to institute Bank Account

Accommodation & TA/DA

TA/DA will be paid to Participants as Per MSBTE Norms (Outstation Participants)
Accommodation can be arranged for outstation participants on prior request only (On Payment Basis)

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Registration Form

Name of the applicant :
Designation : Email ID :
Department : Mobile No. :
Institute Name & Code :

Payment Mode : By Demand Draft / Online Payment

DD No.	Date :	Bank :
NEFT / UTR No.	Date :	Bank :

Do you require accommodation during Training : YES / NO

Signature of Principal
Date



Signature of Applicant
Date

Address for correspondence :

Post your application form along with DD/NEFT Receipt to

Mr. Firastulla B Tanurkar, Lecturer in Electronics Engineering Government Polytechnic, Hingoli P-9 MIDC Limbala, Hingoli - 431 513	NOTE Mail the scanned copies of filled -in and duly signed application form with DD / NEFT
Mob. No. 9960202051, Email : tfirasat@gmail.com	