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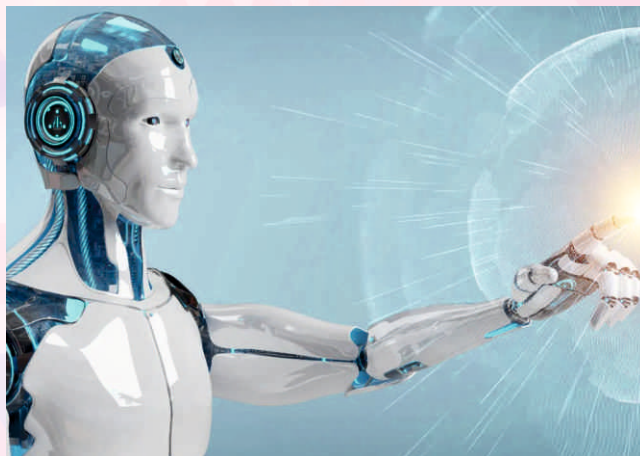
### Convener

Prof. B. L. Kulkarni  
(HOD, E & TC)

Prof. N. B. Shinde  
(HOD, Mechatronics)

### Co-ordinator

Prof. G. L. Borhade  
(Lect. E & TC. Dept.)



### Important Instruction For FDTP

- Electronics & Telecommunication, Electrical, Mechatronics, Mechanical, Instrumentation Engineering faculties from AICTE approved institutions are eligible for the FDTP
- Registration will be on first come first serve basis.
- No Registration fees.
- FDTP will be conducted through online mode.
- Certificate will be provided to all participant after successful completion of FDTP.
- For successful FDTP completion daily attendance, Feedback and Last Day test is compulsory.

### Registration

Participants are requested to fill & submit the registration form using following link  
<https://forms.gle/H9xrnRMS7wUESzax5>

### Important Dates

- Last Date for FDTP Registration is 23/9/2023 up to 5.00pm

## Three Days Faculty Development Training Program (FDTP) on

## RECENT TRENDS IN INDUSTRIAL AUTOMATION AND ROBOTICS

25th Sept. 2023 to 27th Sept. 2023

### Organised by

Department of Electronics &  
Telecommunication Engg.  
and  
Department of Mechatronics



Amrutvahini Sheti and Shikshan Vikas Sanstha's

**AMRUTVAHINI POLYTECHNIC**  
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Email : [amrutpoly@rediffmail.com](mailto:amrutpoly@rediffmail.com)

## About FDTP

This Faculty Development Program (FDP) is designed to focus on current advancements in industrial automation & Robotics. It enables a scientific discussion on the latest developments in Robotics and Industrial Automation, It's up to date application in the Electronics, Mechatronics, Mechanical and Production industries, use of control systems such as computers, PICs and Microcontrollers are used to operate machinery and processes. Nowadays, with the drastic changes in the industrial scenario and industrial competitiveness, excellence in manufacturing industries is being recognized as a major force and it has made robotics & automation an emerging field for industry and academics. The main objective of this FDP is to discuss the basics of robotics and its primary application in manufacturing. This course will benefit participants from academics, R&D institutions, utility engineers and policymakers.

## Course Highlights

Name of Resource Person	Topic
<b>Er. Abhay Ghule</b> Sr. Manager - Application & EU Sales, Factory Automation & Industrial Division, MITSUBISHI Elec. India Pvt. Ltd., Pune	Role of Engineer in Industrial Automation
<b>Er. Bharat Bonde</b> Asst. Manager - Application Factory Automation & Industrial Division, MITSUBISHI Elec. India Pvt. Ltd., Pune	Automation Applications in Industry
<b>Er. Pankaj Sonawane</b> Director of Auto Tech Industry, Nashik	Introduction to industrial automation, PLC and SCADA
<b>Dr. Mukesh Ghogre</b> HOD, Dept. of Mechatronics Engineering, MMIT Lohgaon, Pune	Sensors Used in Robotics
<b>Prof. Vilas Shinde</b> Asst. Professor, Automation and Robotics Dept. AVCOE Sangamner	Latest Trends in Automation and Robotics
<b>Dr. Sandip Rahane</b> Associate Professor, Electronics and Computer Engg. Dept. AVCOE Sangamner	Industrial Automation, Industry 4.0 and IIOT

## Contact Person

**Mr. Borhade G. L.**

Mob. 7709379176

**Mr. Ohol R. D.**

Mob. 9970846081

**Mr. Rathod G. G.**

Mob. 7588161551

**Mr. Gaikwad R. S.**

Mob. 9860691366

## About Institute

Amrutvahini Polytechnic, Sangamner was established in year 1983 to provide Diploma education. With the hard efforts of the President **Late Hon. Shri. BHAUSAHEB THORAT** of Amrutvahini Sheti & Shikshan Vikas Sanstha's. Amrutvahini Polytechnic is affiliated to Maharashtra State Board of Technical Education, Mumbai - 51, approved by D.T.E (Mumbai) & A.I.C.T.E. (New Delhi). Mechanical Engineering, Information Technology, Computer Technology and E& TC Engineering courses accredited by NBA, New Delhi in year 2021.

We offer diploma courses E & TC Engineering, Civil Engineering, Computer Technology, Information Technology, Mechanical Engineering, Mechatronics Engineering.

The Sanstha's is now growing at a fast rate under the able guidance of **Hon. Shri. BALASAHEB THORAT** (Ex.Minister for Revenue, Govt. of Maharashtra, Mumbai) and **Hon. Dr. SUDHIRJI TAMBE** (Ex.MLC, Graduate Constituency, Maharashtra). Their valuable and timely guidance in the development of institute has been source of inspiration to all staffs and students. The institute has a record of academic excellence with very good results & placement in reputed companies.



## Vision

**" Excellence in Technical Education"**

## Mission

- We undertake the mission of providing Quality Technical Education to the to the Rural society.
- We strive hard to produce Competent, Efficient, Character and Trustworthy Engineers.
- We enhance their career opportunities by developing their Engineering skills as well as Soft skills.



## Department of Electronics & Telecommunication

### Vision :

To provide quality education to the students in the field of Electronics & Telecommunication Engineering.

### Mission :

- M1 - Effective implementation of teaching learning process in classroom and laboratories.
- M2 - Provide skills to the students to prepare them for industry and society.
- M3 - Provides the basic knowledge of Electronics & Telecommunication Engineering along with discipline & ethics to make students socially responsible citizen.

## Department of Mechatronics

### Vision :

Department of Mechatronics is striving for excellence in providing technical education and enhancing multidisciplinary skills by training the students in the field of Automation that benefits the society and industry.

### Mission :

- M1 : Effective implementation of curriculum in Classroom and Laboratories.
- M2 : To impart Technical Knowledge and Trends in Mechatronics Engineering.
- M3 : To develop Mechatronics Engineers with skills solving the real-World problems in the field of Automation and Robotics.