

About the programme

The field of Robotics has now gained immense popularity in respect of dealing with problems in different disciplines all over the world. This FDP is designed to provide knowledge on the basics and recent developments in Robotics, applications and its allied research fields. This program is also aimed to provide hands-on experience on development and testing of mobile robots in real time environment. Since next generation industries need engineers with interdisciplinary attitude and experience to meet the future demands, also to explore the potential areas and the significance in the fields of robotics and automation.

Content

- Humanoid Robotics
- Collaborative Robots
- Robotic Manipulator Analysis
- Robotics Friction Stir Welding
- Neural Network
- Smart Machine Tools
- Industry 4.0 in Engineering Education
- Automation in Manufacturing
- IoT based Condition monitoring System

Eligibility;

The faculty members of AICTE approved Institutions, Universities, research scholars; participants from Government, Industry(Bureaucrats/Technicians/Industry experts etc.) and professionals from R&D labs.

Registration;

- No registration fee
- Registration has to be done only through following website;
<https://atalacademy.aicte-india.org/>

Organizing Committee

CHIEF PATRON

Dr. B. J. Shah
Principal, GEC Modasa

PATRON

Dr. U. V. Shah
Head of the Department, MED

COORDINATOR

Dr. B. C. Khatri
Associate Professor, MED

CO-COORDINATORS

Prof. M.M.Madhikar, Prof. S.P.Patel,
Dr. H.R.Prajapati

COMMITTEE MEMBERS

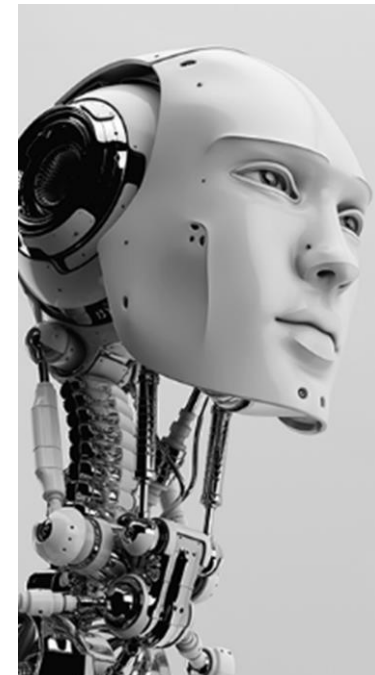
Prof. P. M. Mistry, Prof. P.K. Gajjar,
Prof. P.R.Parekh



ATAL-AICTE SPONSORED FACULTY
DEVELOPMENT PROGRAM ON

“ROBOTICS AND AUTOMATION”

20th to 24th December 2021



Organized By;
Department of Mechanical Engineering,

**GOVERNMENT ENGINEERING COLLEGE,
MODASA**

About the Institute

Government Engineering College, Modasa was established in 1984 under the Directorate of Technical Education, Gujarat State, Gandhinagar in North Gujarat region with a view to spread out technical education in the region and hence promote industrial development. The institute was affiliated with Hemchandracharya North Gujarat University (HNGU), Patan from 1984 to 2007. The institute is affiliated to Gujarat Technological University, Ahmedabad from 2008. It is recognized by All India Council for Technical Education (AICTE), New Delhi.

The institute was started with two under graduate courses, with an intake of 60 each. At present it runs seven under graduate courses and two post graduate courses. Each department has well established laboratories, computer centers and well qualified staff.

About the Department

The department of Mechanical engineering emphasis on all round development of future technocrats. In support of it, many technical seminars, workshops, expert sessions, etc. are organized by department at regular span of interval. Department has well equipped laboratories which provides environment to develop skill amongst students.

AICTE Training And Learning (ATAL) Academy

All India Council for Technical Education (AICTE) through its newly established AICTE Training And Learning (ATAL) Academy have started unique faculty development programs in various thrust areas of modern technology.

Test & Certificates

- A test shall be conducted (online) by coordinator at the end of the program.
- The certificates shall be issued to those participants who attend the program with minimum 80% attendance and score minimum 60%marks in the test.
- Feedback must be shared by participants through portal available on their login

Resource Persons

Experts from IITs, NITs and Other reputed institute and industries will deliver invaluable lectures.

Steps to Login / Register for the FDP;

- Click on signup for creating a login and Register as a Participant
<https://atalacademy.aicte-india.org/>
- Click on the “workshops” tab on the left side of the page; Select> State-Gujarat; Select> Month-December; Select> thrust area-Thrust areas; Select>mode-Online
- Find title “Robotics and Automation” from 20/12/2021 to 24/12/2021
- Press “Apply for Workshop”.

Important Dates

- Last Date of Registration ;- **30/11/2021**
- Confirmation of participation (through mail) ;- **06/12/2021**
- Commencement of FDP ;- **20/12/2021**



Contact Details

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MODASA**

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