Pillai Industry 4.0

Robotics, Automation, PLC, Image processing, Python Deep Learning,

PCE Industry 4.0 is inducting new online facility according to the need of the Industry. This program experience leads to learn the upcoming need for Operation & Controlling of Robotic systems, the programming and understanding of the functionality

Learner shall be gaining Knowledge on

- Basics of Robotics
- Manipulating Robots
- Robot Anatomy
- Coordinate System & Positioning
- Control and Sensing of Robot
- Manipulators
- Nonlinear Control
- Different types of Sensors used in Robots
- Robot Intelligence and Programming
- Trajectory Generation
- Collision Free Path Planning
- Communication
- Robot Mapping

Controls
- Manual and Joystick
- Gesture
- Python
- Block Diagram
- Teach and Play
- OpenCV

All in one robot:
- Pick & Place
- Pneumatic End Effectors
- Pen Drawing
- 3D Printing
- Laser Engraving
- Customise End Effector
- Color Recognition

Application
- Assembly Line
- Manufacturing Line
- Pharmaceutical & Medical
- Research & Engineering

Communication
- Android & IOS
- Arduino, Rasberry PI
- Wifi, Bluetooth

CONTACT

Course Co-ordinator:
Asst. Professor Salim Jafri
Mechanical-Automobile Department

8169659311

salimjafri@mes.ac.in

Youtube link

Batches	Days	Time	Fee per Person
Online (25 MES Participants)	2 hrs daily over weekdays	5.00 pm - 7.00 pm	Rs.1500
Offline (15 MES Participants)	5 hrs daily over weekends	10.00 am - 4.00 pm	Rs.1500
Online (25 Outside MES Participants)	2 hrs daily over weekdays	5.00 pm - 7.00 pm	Rs.2500
Ofline (15 Outside MES Participants)	5 hrs daily over weekends	10.00 am - 4.00 pm	Rs.2500

The first weekday batch will start from 20/09/21.
The first weekend batch will start from 18/09/21.
Start Registering

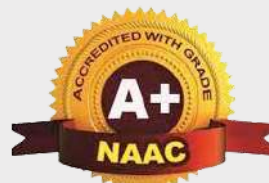- *The course is open to all students and faculties of MES (Mahatma Education Society) and even outside Mahatma Education Society from all branches and years of study.*
- *No PROGRAMMING or ROBOTICS EXPERIENCE is needed for a beginner-level course.*
- *Students with a PC/Laptop and good internet will be preferred.*
- *Certificate of course completion will be provided on the basis of the course project, assignments, and overall performance.*
- *The shortlisting of students for every batch will be based on a first come first serve basis. Fresh next batch as per response received will be intimated via mail after completion of every batch. Registration Payment link will be sent once your nomination form is received.*
- *Each batch will have a dedicated time period of two weeks with 20 hours of course time and 20 hours of project/assignment time.*
- *The same course is offered in offline mode for those with good health (no Covid symptoms) or double dose covid vaccine.*
- *For nomination fill this google form link: https://forms.gle/YyB1pgeEb1QjgC2R8 or scan the QR code here* 👉

Mahatma Education Society's
Pillai College of Engineering

PcE PILLAI COLLEGE OF ENGINEERING

ACCREDITED WITH GRADE A+ NAAC

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