



VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai, Approved by AICTE and Recognized by Govt. of Maharashtra)

Automation and Robotics is a specialized branch of Electrical Engineering and the Application of Electronics in the field of Industry. The field of automation and Robotics has seen tremendous growth in recent years. With the advent of Industry 4.0, undergraduate programme on Automation & Robotics is expected to become one of the most in-demand engineering programme, in the coming years.

KEY LEARNING AREAS

- BASIC AND ADVANCED AUTOMATION
- ROBOTICS AND ITS APPLICATIONS
- ARTIFICIAL INTELLIGENCE & MACHINE LEARNIN
- EMBEDDED SYSTEMS
- CONTROL SYSTEMS & COMPONENTS
- PYTHON PROGRAMMING

OUR RECRUITERS



ROBOTICS WORKSHOP

- LEARN TO DESIGN ROBOTIC VEHICLE FROM EXPERTS
- MAKE EXCITING APPLICATIONS
- LIVE PROGRAMMING AND SIMULATION
- LEARN ABOUT EXPECTED SKILLS FOR PURSUING A ROBOTICS AND AUTOMATION CAREER
- CERTIFICATES AFTER COMPLETION OF WORKSHOP
- WORKSHOP TO BE CONDUCTED IN MID-AUGUST



Scan the QR code for Robotics Workshop!!

Note: Workshop for 12th and 12th pass out students

Website : <https://ves.ac.in/vesit>

Address:

Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai, Maharashtra ,400074.

Phone:

02261532510/ 9967531081

ACADEMIC-INDUSTRY COLLABORATION

- "LabVIEW Academy" in association with National Instruments, USA.



- Nodal center for "Virtual Lab" under scheme of MHRD under the mission of Education through ICT.

VESIT-AUTOMATION INDUSTRY ASSOCIATION CDC AT A GLANCE

- SCHOOLING ON SENSORS TO CONTROLLERS USED IN MOTION CONTROL, FACTORY AUTOMATION, ROBOTICS, ETC
- TRAINING ON INDUSTRY GRADE SOFTWARE'S AND SYSTEMS
- HANDS-ON SESSIONS CONDUCTED BY INDUSTRY PROFESSIONALS WORKING ON AUTOMATION
- EXPERT LECTURES BY INDUSTRY VETERANS
- INTERNSHIP ARRANGEMENT FOR STUDENTS
- MOTIVATION FOR PROJECT IDEAS AND ITS REVIEW BY INDUSTRY EXPERTS
- LAB AVAILABLE TO STUDENTS FOR PRACTICE AND SYSTEM DEVELOPMENT



Competency Development Center Automation Industry Association(AIA) – Integrated Automation Lab.

RESEARCH AND DEVELOPMENT INITIATIVES

- BOARD OF RESEARCH IN NUCLEAR SCIENCES funded project.
- Project with reputed institute and companies
 - IITB
 - L&T
 - TCS

DEPARTMENT OF AUTOMATION AND ROBOTICS

HIGHLIGHTS



NO MANAGEMENT QUOTA

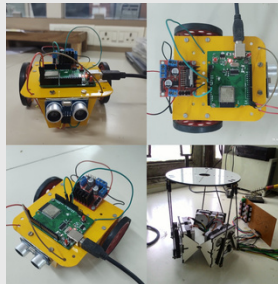
ABOUT US

- "Vivekanand Education Society's Institute of Technology" was established in 1984 by Shikshanmaharshi Shree Hashu Advani at Sindhi Society, Chembur.
- Works mainly to develop qualified and skilled engineers in different sectors globally .
- Valuable technical guidance from Principal and faculty to students
- The laboratories are equipped with industry-oriented process control equipment, automation tools, and modern electronic instruments.
- Process Automation, Robotics control system, industrial automation, Embedded systems, AI in Robotics, Machine Vision, Strength of Materials, biomedical instrumentation, and related courses would be taught in the second, third, and final years.
- Scope of development of projects on various topics by students across all years.
- Course is supported by reputed industries and institutes.
- Corporate professionals are willing to offer guidance on career opportunities and latest technology
- Highly qualified and experienced faculty members.

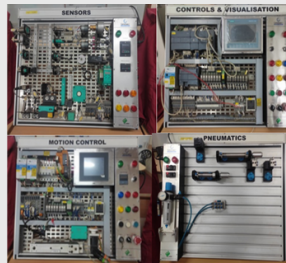
SCOPE & CAREER OPPORTUNITIES OF AUTOMATION AND ROBOTICS ENGINEER

- Designing, developing, installing, and managing equipment and instruments that are used to monitor and control industrial processes & machinery
- Collaborate with design engineers, purchasers, and other staff members involved in the production processes
- Maintenance & Servicing/calibration of Field instrumentation and to provide consultancy support
- From manufacturing units to experimental robotics for medical, military and automotive industries, the future of robotics engineering finds tremendous opportunities for its budding professionals

ROBOTICS AND EMBEDDED SYSTEM LAB



AIA LAB



PROCESS AUTOMATION LAB



CONTROL SYSTEM LAB



LABORATORIES

TRANSDUCER LAB



PLC DCS LAB



AUTOMATION AND ROBOTICS ENGINEERS FIND EMPLOYMENT IN :

- Industry 4.0
- Robot Manufacturing, RPA
- Aerospace Manufacturing
- Nuclear Power Companies
- Bio-medical Equipment
- Automotive Manufacturing
- Private and Public Firms(ISRO,DRDO)
- Electric Vehicles
- Steel Plants
- Cement Manufacturing
- Thermal Power Plants
- Oil & Gas Industry
- Chemical Industries
- R&D Organizations