



VIVEKANAND EDUCATION SOCIETY'S POLYTECHNIC

(Sindhi Society, Chembur, Mumbai- 400071)

{ Approved by A.I.C.T.E & Recognized by Govt. of Maharashtra & affiliated to M.S.B.T.E }

DIPLOMA IN CIVIL ENGINEERING



KEY LEARNING AREAS :

- Structural Engineering
- Geotechnical Engineering
- Hydraulics
- Transportation
- Environment Engineering
- Project Management
- Surveying and Geomatics
- Quality and Quantity Engineering
- Civil Drawing and Graphics
- Water resource engineering
- Construction Technology & Management

INDUSTRIES WHERE THESE ENGINEERS WILL WORK :

Construction Industry
Material and Metals
Oil and Gas Industry
Surveying




Energy Generation &
Distribution Industry
Cement Industry
Consultancy

Government Sectors -

PWD, Railway, Municipal corporations, Defence, CPWD, MES, NHAI, CWC, WRD Etc.

FOR ADMISSION ENQUIRY AND ASSISTANCE :

8104587658 / 9920422399 / 9967063104 / 9970011365

Visit : www.ves.ac.in/polytechnic  vespolytechnic@ves.ac.in  [@vespolytechnic_0004](https://www.instagram.com/vespolytechnic_0004)  VESP - Diploma Engineering



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DIPLOMA IN MECHANICAL ENGINEERING



KEY LEARNING AREAS :

1. Material Science
2. Solid and Fluid Mechanics
3. Thermodynamics
4. Heat Transfer
5. Measurement & Control
6. Product Design (CAD/CAM/Solid modelling)
7. Manufacturing process

INDUSTRIES WHERE THESE ENGINEERS WILL WORK :

Aerospace industry
Automotive industry
Manufacturing industry

Energy systems
Heat ventilation &
Air Conditioning Industry
(HVAC)

Nuclear technology
Robotics
Biomedical technology

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DIPLOMA IN ELECTRICAL ENGINEERING



KEY LEARNING AREAS :

Electrical machines
Power system
Electromagnetic theory
Power electronics
Electric circuit
Electrical materials
Illumination
Switchgear and protection

INDUSTRIES WHERE THESE ENGINEERS WILL WORK :

Energy Auditors
Research Organizations
Nuclear Power Industry

Aerospace
Automobile Industry
Electric Power Generation

Government & Private
Organizations related to
Electricity generation,
Transmission & Distribution

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DIPLOMA IN COMPUTER ENGINEERING



KEY LEARNING AREAS :

HARDWARE -
Digital Circuits, Microprocessor
SOFTWARE -
C,C++, Java, Python, Android App
Development, Database Management,
Web Development
NETWORKING -
LAN, WAN, Internet, TCP-IP,
Computer Security

INDUSTRIES WHERE THESE ENGINEERS WILL WORK :

- 1) Computer Hardware Industries like HCL, Dell, Intel, Nvidia, Samsung.
- 2) Software Development industries like Oracle, Microsoft, Google, Morgan Stanley, Wipro, TCS, Infosys.
- 3) Networking Industries like CISCO, HCL, Reliance, Vodafone, Amazon.

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DIPLOMA IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

KEY LEARNING AREAS :

Analog and Digital Electronics
Instrumentation
Digital Communication System
Control System and PLC
Embedded systems
VLSI
Wireless Communication
Optical Communication & Networks
Mechatronics

INDUSTRIES WHERE THESE ENGINEERS WILL WORK :

PRIVATE SECTORS :

Software Engineering/ IT
Hardware Manufacturing
Television Industry
Research & Development
Tech Mahindra
Tata Consultancy Service
Cisco System

GOVERNMENT SECTORS :

ISRO (Indian Space Research Organization)
BARC (Bhabha Atomic Research Centre)
HAL (Hindustan Aeronautics Limited)
BEL (Bharat Electronics Limited)
Railway Departments
ECIL (Electronics Corporation of India Limited)

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(APPROVED BY A.I.C.T.E., GOVT. OF MAHARSHTRA, AFFILIATED TO M.S.B.T.E., MUMBAI)

DIPLOMA ENGINEERING IN AUTOMATION & ROBOTICS

KEY LEARNING AREAS*

Artificial Intelligence & Machine Learning
Robotic Applications, RPA, Industrial IoT/ DCS
Control Systems & Components
Advanced Automation System & Digital Techniques
Python & C++ Programming
Automation & Robotics Workshop
Electronic Devices, circuits & Sensors in Robotics
Basic Industrial Automation & Electrical Engineering

(* Proposed)

YOU CAN WORK IN

- Manufacturing Industries
- Aerospace companies
- Robot Manufacturing
- Nuclear Power Companies
- Bio-medical Equipment
- Oil & Gas Industry
- Automotive Manufacturing
- ISRO
- DRDO
- BARC
- NASA
- NVIDIA
- GOOGLE
- iROBOT

... & Many More

FOR ADMISSION ENQUIRY AND ASSISTANCE

9920422399/ 9222064518/ 9137354125

For More Information

Visit : www.ves.ac.in/polytechnic/



<https://youtu.be/NUDDmMqml9w>



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