



THE MOST
TRENDING CAREER OPPORTUNITY PROGRAMS
 FOR FUTURE...!

ON JOB TRAINING

INTERNSHIP

PLACEMENTS

BETTER JOBS LIFE SOCIETY

Do you want to become a **Professional Electrical Engineer** ?

- ▶ 50000 Sqft Full Equiped Lab Facilities
- ▶ 23 years of experience in Marine | Oil & Gas | Defence Industries
- ▶ 1,20,000+ Alumni
- ▶ 10000+ Successful Industrial Marine & Oil & Gas Projects
- ▶ Approved Vendors of 3000+ MNC's
- ▶ 100% Placements in 2022

SKILL UP 2023



Authorised Training Partner



Our Conglomerates



Industrial Automation

PLC / PAC - All Major Brands
Distributed Control System (DCS)-
Honeywell C-300
SCADA / HMI - All Major Brands
Variable Frequency Drive (VFD)
Motor Control Centre (MCC) Panel
Pneumatics & Field Instruments
ePAC , IIoT based VFD's & PLC's
Field Instruments & Sensors

Building Management System

Intruder alarm
Access control
CCTV Surveillance system
Fire alarm
Video door phone
PLC | SCADA | HMI | VFD
Networking | HVAC | CAD
IoT / Alexa / google home
Control Home Automation Systems

MEP

HVAC Designing & Drafting
Electrical System Design
Public Health Engineering
Fire Fighting System
REVIT MEP

Internet of Things (IoT)

IoT, Embedded C / Arduino / GPIO
UART Communication / Interfacing Sensors
Interfacing Wireless Technologies -
ESP8266(NodeMUC) / Wireless Devices
IOT Cloud Platforms - Thingspeak ,
Adafruit IO / Python / Raspberry Pi
Controlling GPIO / Creating a local server
IoT Protocols - MQTT, HTTP

Certified Robotic Engineer

Arduino | Python | Raspberry Pi
Interfacing Sensors & Actuators
Wireless Technologies
Introduction to Fuzzy Logic
Projects

Advanced Automation Systems

Distributed Control System
(DCS - Honeywell C-300)
Siemens TIA Portal
Factory Automation
Schneider Electric System
Integrator
Schneider Electric M580 ePAC

Embedded System & Hardware Design

PIC18F4580, ATmega32,
ARM7TDMI-S, LPC2148
Advanced Protocols
RTOS
Embedded Linux
Python
Raspberry Pi
PCB Designing
Hardware Designing
(Orcad / Eagle)

Industrial Internet of Things (IIoT)

Industry 4.0 Architecture
ARM Cortex Microcontrollers
Embedded Linux, IoT Protocols
Industrial Networking / Wireless Sensors
CoAP / MQTT / HTTP / IoT Applications
ePAC / SCADA / HMI / NodeMCU /
IIOT practicing NodeMCU to PLC /
Thingspeak & Firebase (HTTP) Cloud /
Adafruit (MQTT) Cloud

Data Science with AI & IoT

Deep Learning / Neural Network /
Multi Layered NN / Libraries / Keras API/
Tensor Flow/ DNN/ CNN/ RNN/
GPU in Deep Learning /
RBM/Applications/Chatbot
Introduction to Data Science / Statistics /
Python / Pandas Exploratory Data Science /
Matplotlib / Seaborn /
SQL for Data Science / Deepdive
IoT Interfacing

Power System Design

Electrical Machines & Instruments
Study of Electrical Projects
Estimate and Costing
Design of Electrical Drawings
Safety, testing and installation of electrical equipment
Advanced Technologies in Power
Cable laying and grand booting
Awareness of Electricity

Advanced Embedded System

32bit embedded system design
STM32F architecture.
STM32F4 with HAL libraries and bare metal.

Visit : www.smeclabs.com

AUTHORIZED TRAINING PARTNERS

Proud Participator in
Indian Defence EXPO
2020, 2021, 2022



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