



National Small Industries Corporation Limited

(A Govt. Of India Enterprises under Ministry of MSME)

TRAINING CALENDAR 2022 - 2023

ELECTRONICS & ELECTRICAL COURSES

S.No	Course Title	Duration	Fee	Eligibility for Training	Commencement
1	Industrial Automation (Module-1) Allen Bradley (PLC and SCADA)	1 Month	₹5,000	I.T.I/Diploma/Engineer/Graduate	Every Month
2	Industrial Automation (Module-2) Allen Bradley (PLC, SCADA, VFD), Delta(PLC, SCADA, HMI) Will cover only DIDO, PLC Programming	2 Months	₹10,000	I.T.I/Diploma/Engineer/Graduate	Every Month
3	Industrial Automation (Module-3) Delta(PLC, SCADA, HMI, VFD), Intouch SCADA, Mitsubishi (PLC & HMI), Will cover only DIDO, PLC Programming	2Months	₹12,000	I.T.I/Diploma/Engineer/Graduate	Every Month
4	Advance Industrial Automation Delta(PLC, SCADA, HMI, VFD), Mitsubishi (PLC), Siemens (PLC, SCADA, HMI), Allen Bradley(PLC), Will cover only DIDO, PLC Programming	3 Months	₹18,000	I.T.I/Diploma/Engineer/Graduate	Every Month
5	Industrial Automation Specialist Delta(PLC, SCADA, HMI, VFD), Mitsubishi (PLC), Siemens (PLC, SCADA, HMI), Allen Bradley (PLC, SCADA, HMI, VFD), DCS (Siemens)	4 Months	₹25,000	I.T.I/Diploma/Engineer/Graduate	Every Month
6	Industrial Training on DCS Siemens PLC and DCS, DIDO & Analog Programming.	6 Weeks	₹18,000	I.T.I/Diploma/Engineer/Graduate	Every Month
7	Industry 4.0 Delta(PLC, SCADA, HMI, Will cover only DIDO, PLC Programming, Connectivity of PLC/SCADA to Cloud Gateway (Delta Dia-link)	2 Months	₹15,000	I.T.I/Diploma/Engineer/Graduate	Every Month

8	Advance Industrial Automation with Mechatronics Delta, Mitsubishi, Siemens, Allen Bradley (PLC, SCADA, HMI, VFD), DCS (Siemens), Mechatronics Setups-Vision System, Pick & Place Robot, Palletizing Cell, ABB Welding Robot.	6 Months	₹30,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Jan, April, July, October
9	Advance Diploma Program In Embedded System Power Electronics/8051/AVR/ARM/PIC (Any Three)/Arduino/IoT/PCB	6 Months	₹30,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
10	Embedded System with Arduino 8051 and Arduino	2 Months	₹12,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
11	Advance Embedded System with Arduino 8051, AVR and Arduino	3 Months	₹18,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
12	Advance Embedded System with PCB & Circuit Designing 8051,Arduino, PCB & Circuit Designing	3 Months	₹18,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
13	Printed Circuit Board Design, Analysis and Manufacturing Technique (Based on Protues & KiCAD)	6 Weeks	₹10,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
14	Industrial Training in PCB & Circuit Designing (Based on Protues)	1 Month	₹5,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
15	Power Electronics Active/Passive Electrical & Electronics Components	1Month	₹5,000	Undergoing & Pass out Diploma /Engineers (E.C.E, E.L.E, Inst. & Control)	
16	Internet of Things (IoT) (Based On Architecture, Design, Raspberry Pi, Linux, Python, Communication, Protocols, Cloud Computing, μ c 8051, Arduino, Interfacing Electronic Modules & Amp Sensor)	2 Months	₹12,000	Undergoing & Pass out Diploma /Engineers (E.C.E, E.L.E, Inst. & Control)	
17	Advance Embedded System with PCB & Circuit Designing 8051,Arduino, Raspberry Pi, PCB & Circuit Designing	4 Months	₹20,000	Graduate /Diploma/Engineer	Every Month

18	Repair & Maintenance of Electric Vehicles (EV) Basic Electrical, Overview of EV, Cell Balancing, BMS, Maintenance of EV, Types of Drive, Architecture of EV, EV Charger, Practicals on EV	1 Month	₹5,000	8 th /10 th /12 th / Graduate	Every Month
19	Electric Vehicles & Charging Station Architecture & Components of EV, Maintenance of EV, Fast Charging Station & Operations, BMS, ESS, EV Operation, Testing & Trouble Shooting, Practicals on Electric Vehicles, EDP/Business Model of EV with Case Studies & Policies	1 Month	₹7,000	Diploma/ B. Tech/ B.E/ Graduate	Every Month
20	Electric Vehicle Technology Basic Electrical, Overview of EV, Cell Balancing, BMS, Maintenance of EV, Types of Drive, Architecture of EV, EV Charger, Practicals on EV	1 Month	₹5,000	Diploma/Engineer/Professionals	Every Month
21	Electrical AutoCAD Introduction of Electrical CAD, 2D & 3D Commands, 2D & 3D Basics & SLD, Wiring System, Electrical Components, Point-to- Point Electrical Wires, Multiple Drawing and Inter Relations etc.	1 Month	₹5,000	10 th /12 th / Any Graduate	Every Month
22	Industrial Circuit & Power House Maintenance DG Set, Transformer, Busbar, Capacitor Panel, Sub Station, Wiring System etc.	3 Months	₹10,000	10 th /12 th /Graduate /Diploma	Every Month
23	Advance Diploma in Electrician 1-Phase, 3-Phase, Types of Currents, Wining System, Measuring Tools, Earthing, Cells & Battery, MCB, MCCB, RCCB, LCCB, Power Factor, Substation, Magnetic field & lines of force, Capacitor Bank, DG Sets, AC/DC Motors, Soldering, Panels, Transformer, Orientation on Solar Energy, LED Technology, CCTV Installation & Repair & Technology.	12 Months	₹28000	10 th /12 th /Graduate /Diploma	Jan, April, July, October, As per current need
24	Home Appliances Repair and Maintenance Basic Electrical concepts, Repair and maintenance of Electrical Iran, Geyser, Washing Machine, Fan, Cooler, AC, Refrigeration etc.	3 Months	₹10000	10 th /12 th /Graduate /Diploma	Jan, April, July, October, As per current need

25	Industrial Electrical Panels & Wiring System Basic Electrical Concepts, Digital Meter, 3 Phase Panels, 1&3 Phase Wiring, DB etc.	3 Months	₹10000	10 th /12 th /Graduate /Diploma	Jan, April, July, October, As per current need
26	Electrician Based on syllabus of Electrician Trade	6 Months	₹15000	10 th /12 th /Graduate /Diploma	Jan, May, August, As per current need
27	Solar Energy based on PV SOL Software Basic Solar Energy Concepts and PVSOL Software	15 Days (20 Hrs.)	₹3,000	10 th /12 th /Graduate /Diploma	Every Month
28	Solar Energy with PVSOL Software Basic Electrical Concepts, Solar Concepts, Load Calculation, Installation of Solar Plant, Repair & Maintenance, Visit of 50 KW Plant, PVSOL Software, Business Model of Solar and Govt. Policies etc.	6 Weeks	₹15000	10 th /12 th /Graduate /Diploma	Every Month
29	CCTV Installation & Security Surveillance System Basic Electrical Concepts, CCTV Installation Repair & Maintenance etc.	1 Month	₹6,000	10 th /12 th /Graduate /Diploma	Every Month
30	CCTV Installation Technician (NSQF-4) Basic Electrical Concepts, CCTV Installation Repair & Maintenance, PTZ Camera, Spy Camera, IP Camera, Biometric Machines, Video Door Phone, Electronic Locks etc.	2 Months	₹12,000	10 th /12 th /Graduate /Diploma	Every Month
How to Apply	<ul style="list-style-type: none"> For all above courses, admission may be taken on first come first serve bases, by submitting bio-data, certificate copies along with fee by Cheque/Demand Draft/ Online Fund Transfer G.S.T as applicable will be charged extra. <p style="text-align: center;">Reservation for SC/ST/OBC/P.H. as per rules in force.</p>				

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