



# National Small Industries Corporation Limited

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

## TRAINING CALENDAR 2023-24

### ELECTRONICS & ELECTRICAL COURSES

S.No	Course Title	Duration	Fee	Eligibility for Training	Commencement
1	<b>Industrial Automation (Module-1)</b> Allen Bradley (PLC and SCADA)	1 Month	₹5,000	I.T.I/Diploma/Engineer/Graduate	Every Month
2	<b>Industrial Automation (Module-2)</b> 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	<b>Industrial Automation (Module-3)</b> 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	<b>Advance Industrial Automation</b> 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	<b>Industrial Automation Specialist</b> 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	<b>Industrial Training on DCS</b> Siemens PLC and DCS, DIDO & Analog Programming.	6 Weeks	₹18,000	I.T.I/Diploma/Engineer/Graduate	Every Month
7	<b>Industry 4.0</b> 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

<b>8</b>	<b>Advance Industrial Automation with Mechatronics</b> 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
<b>9</b>	<b>Advance Diploma Program In Embedded System</b> Power Electronics/8051/AVR/ARM/PIC (Any Three)/Arduino/IoT/PCB	6 Months	₹30,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
<b>10</b>	<b>Embedded System with Arduino</b> 8051 and Arduino	2 Months	₹12,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
<b>11</b>	<b>Advance Embedded System with Arduino</b> 8051, AVR and Arduino	3 Months	₹18,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
<b>12</b>	<b>Advance Embedded System with PCB &amp; Circuit Designing</b> 8051,Arduino, PCB & Circuit Designing	3 Months	₹18,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
<b>13</b>	<b>Printed Circuit Board Design, Analysis and Manufacturing Technique</b> (Based on Protues & KiCAD)	6 Weeks	₹10,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
<b>14</b>	<b>Industrial Training in PCB &amp; Circuit Designing</b> (Based on Protues)	1 Month	₹5,000	Diploma / Engineers (Electrical /Electronics / Instrumentation)	Every Month
<b>15</b>	<b>Power Electronics</b> Active/Passive Electrical & Electronics Components	1Month	₹5,000	Undergoing & Pass out Diploma /Engineers (E.C.E, E.L.E, Inst. & Control)	
<b>16</b>	<b>Internet of Things (IoT)</b> (Based On Architecture, Design, Raspberry Pi, Linux, Python, Communication, Protocols, Cloud Computing, $\mu$ 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)	
<b>17</b>	<b>Advance Embedded System with PCB &amp; Circuit Designing</b> 8051,Arduino, Raspberry Pi, PCB & Circuit Designing	4 Months	₹20,000	Graduate /Diploma/Engineer	Every Month

<b>18</b>	<b>Repair &amp; Maintenance of Electric Vehicles (EV)</b> 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 <sup>th</sup> /10 <sup>th</sup> /12 <sup>th</sup> / Graduate	Every Month
<b>19</b>	<b>Electric Vehicles &amp; Charging Station</b> 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
<b>20</b>	<b>Electric Vehicle Technology</b> 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 <sup>th</sup> /10 <sup>th</sup> /12 <sup>th</sup> / Graduate	Every Month
<b>21</b>	<b>Electrical AutoCAD</b> 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 <sup>th</sup> /12 <sup>th</sup> / Any Graduate	Every Month
<b>22</b>	<b>Industrial Circuit &amp; Power House Maintenance</b> DG Set, Transformer, Busbar, Capacitor Panel, Sub Station, Wiring System etc.	3 Months	₹10,000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Every Month
<b>23</b>	<b>Advance Diploma in Electrician</b> 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 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Jan, April, July, October, As per current need
<b>24</b>	<b>Home Appliances Repair and Maintenance</b> Basic Electrical concepts, Repair and maintenance of Electrical Iran, Geyser, Washing Machine, Fan, Cooler, AC, Refrigeration etc.	3 Months	₹8000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Jan, April, July, October, As per current need

<b>25</b>	<b>Industrial Electrical Panels &amp; Wiring System</b> Basic Electrical Concepts, Digital Meter, 3 Phase Panels, 1&3 Phase Wiring, DB etc.	3 Months	₹10000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Jan, April, July, October, As per current need
<b>26</b>	<b>Electrician</b> Based on syllabus of Electrician Trade	6 Months	₹18000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Jan, May, August, As per current need
<b>27</b>	<b>Solar Energy based on PV SOL Software</b> Basic Solar Energy Concepts and PVSOL Software	15 Days (20 Hrs.)	₹3,000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Every Month
<b>28</b>	<b>Solar Energy with PVSOL Software</b> 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.	1 Month	₹10000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Every Month
<b>29</b>	<b>CCTV Installation &amp; Security Surveillance System</b> Basic Electrical Concepts, CCTV Installation Repair & Maintenance etc.	1 Month	₹5,000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Every Month
<b>30</b>	<b>CCTV Installation Technician (NSQF-4)</b> Basic Electrical Concepts, CCTV Installation Repair & Maintenance, PTZ Camera, Spy Camera, IP Camera, Biometric Machines, Video Door Phone, Electronic Locks etc.	2 Months	₹10,000	10 <sup>th</sup> /12 <sup>th</sup> /Graduate /Diploma	Every Month
<b>How to Apply</b>	<ul style="list-style-type: none"> <li>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</li> <li>G.S.T as applicable will be charged extra.</li> </ul> <p style="text-align: center;">Reservation for SC/ST/OBC/P.H. as per rules in force.</p>				

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