

Truck Wiring Course Topics (In English)

1. Introduction of Organizations, Basic of Automobile, Automobile safety – Hazards and Prevention
 - Introduction of Engine and its Components
2. Batteries, Function and Workings
 - Types of Battery
 - Introduction to Battery Construction
 - Introduction of Battery Operation
 - Battery Charging and Discharging Process
 - Battery Checking Process through Multi meter and Hydrometer
 - Battery Maintenance Tips
 - Battery Management Process
3. Starting System, Function and Workings
 - Starter Motor Operations
 - Starting System Wiring Diagram
4. Charging System, Function and Workings
 - Learn how the Charging System Functions.
 - Charging System Wiring Diagram
5. Basics of Electricity
 - Introduction to Ohm's Law
 - Use of Multi meter
 - Current
 - Voltage
 - Resistance
6. Electricity – Fuses, Relay inspection
7. Basic Electrical Wiring - Ignition , Head Lamp & Horn Wiring
8. Wiring Harness And Reading Of Writing Diagrams
 - Learn How To Interpret Wiring Diagrams
9. Dashboard Indication
10. Engine Management System – Diesel Engine, Various Sensors & Actuators in Engine
 - Overall Wiring Tracing

- Sensors Checking
 - Actuators Checking
11. Sensors and Actuators Inspection
 - Get Techniques for Inspecting and Testing Sensors and Actuators
 - Use of G-Auto Probe & Sing-Sing Probe
 12. Types of Scanner & Usage
 - VC 2.0 & Jaltest
 13. Revision and Usage of VC 2.0 on Vehicle
 - Review the Process of Using the VC 2.0 Scanner on Vehicles.
 14. Electrical wiring system – Instrument Cluster
 - Understand the wiring system for the instrument cluster in vehicles.
 15. Introduction to CAN communication
 - Learn about CAN (Controller Area Network) communication and its role in Vehicles.
 16. BS6, Need of BS6, Difference between BS6 and BS4
 17. BCM, ABS
 18. Electrical Wiring – ATS System
 - Learn about the ATS (After Treatment System) System and its Wiring.
 19. ATS Diagnosing using Scanner
 - Get Techniques for Diagnosing the ATS System using a Scanner.
 20. Urea dosing system and its working
 - Understand how the urea dosing system works.
 21. Urea Dosing System on Vehicles
 - Learn about the Implementation of the Urea Dosing System in Vehicles.
 22. Full Practical on Vehicle and Fault Diagnose
 - Gain hands-on Experience with Practical Exercises and Fault Diagnosis on Vehicles.

Truck Wiring Course Topics (In Hindi)

1. संगठन का परिचय, Automobile की बुनियादी जानकारी Automobile सुरक्षा Hazards और Preventions.
 - Engine और इसके घटकों का परिचय
2. Batteries, कार्य और संचालन
 - Battery के प्रकार
 - Battery निर्माण का परिचय
 - Battery संचालन क्या है
 - Battery Charging और Discharging प्रक्रिया
 - Multimeter और Hydrometer के माध्यम से Battery की जांच प्रक्रिया
 - Battery के रखरखाव के सुझाव
 - Battery प्रबंधन प्रक्रिया
3. Starting System, कार्य और संचालन
 - Starter Motor का संचालन
 - Starting System का वायरिंग Diagram
4. Charging System, कार्य और संचालन
 - Charging System का संचालन
 - Charging System का वायरिंग Diagram
5. Electricity की बुनियादी बातें
 - Ohm's Law का परिचय
 - Multimeter का उपयोग
 - करंट (Current)
 - वोल्टेज (Voltage)
 - रेज़िस्टेंस (Resistance)
6. Electricity-फ्यूज, रिले निरीक्षण (Electricity – Fuses, Relay inspection)
7. Basic Electrical Wiring- Ignition , Head Lamp & Horn Wiring
8. Wiring Harness और Wiring Diagram का अध्ययन
 - Wiring diagrams पढ़ना और समझना
9. Dashboard Indication (डैशबोर्ड संकेत)

10. Engine प्रबंधन सिस्टम –Diesel, Engine में विभिन्न Sensors और Actuators.
 - Overall Wiring Tracking
 - Sensors की जांच
 - Actuators की जांच
11. Sensors और Actuators का निरीक्षण
12. VC 2.0 का वाहन पे पुनरावलोकन और उपयोग
 - VC 2.0 Scanner का Vehicle पे उपयोग कि ने की प्रक्रिया का review
 - Sensors and Actuators निरीक्षण और प्रशिक्षण की तकनीक
13. G-Auto Probe and Sing-Sing Probe का उपयोग Scanner के प्रकार और उनका उपयोग
 - VC 2.0 & Jaltest
14. Electrical वायरिंग सिस्टम – **इंस्ट्रूमेंट क्लस्टर** (Instrument Cluster)
 - Instrument Cluster के Electrical Wiring System क सर्जना
15. CAN संचार का परिचय
 - CAN (Controller Area Network) Communication का परिचय
16. Electrical Wiring –ATS System
 - ATS (After Treatment System) System और इसकी Wiring क समझना
17. BCM, ABS
18. ATS Diagnose by using scanner
 - ATS System की Diagnosing के तकनीक Scanner का उपयोग करना
19. यूरिया Dosing System (Urea Dosing System) और इसका कार्य
 - Urea Dosing System कैसे कार्य करता है
20. Vehicle पे यूरिया Dosing System (Urea Dosing System)
 - Vehicles में Urea Dosing System की Implementation
21. Full Vehicle Practical और Fault Diagnose
 - Vehicles पे Practical Exercises और Fault Diagnosis का hands-on अनुभव

Details of the Course

Fees – Rs. 85,000/- (including GST)

Hostel facility – 8,000/- Per Month including Food

Duration – 30 Days (Minimum)

Location – JustAuto Solutions Pvt. Ltd., Plot No: B1, B2, B3/15, Electronics Estate, GIDC, Sector 25, Gandhinagar, Gujarat

Certification and Recognition

JustAuto Solution's Certification – ISO Certified, Startup India Recognized, MSME Recognized, Skill India Recognized.

JustAuto Solution is Authorised and affiliated Training Partner/Centre of Automotive Skill Development Council (ASDC) and Skill India



