

Automotive

TRAINING CENTRES



ECM REPAIR TRAINING COURSE





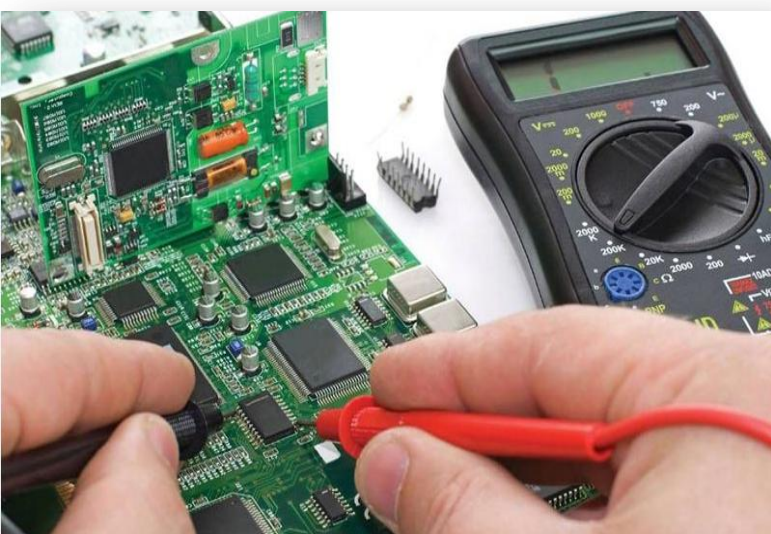
Experienced trainers

Our expert trainers are highly experienced in training delivery and are constantly kept up-to-date with the latest automotive technological developments. As fully competent technicians, Trainers at Purnima Automotives (PA) are able to provide effective hands-on training suited to your needs.



Training with Purnima

As the leader in ECU training provider in India, Purnima Automotives (PA) offers training on a wide range of automotive electronics modules topics and latest programming device technologies, from basic entry level to Master ECU chip programming Technician levels.



The right course for you

No matter your level of education, knowledge or experience, PA offers a training course that is perfect for everyone who wants bright future in ECU repairing industries.



Why Purnima Automotive Training ?

Purnima Auto mechanical meter workshop started by Sir Haji Abdul Hamid Guam Mohammad Shaikh in 1965 **Based in Surat (Gujarat) India,** Purnima Auto Meter has flourished in the entire global market since its inception in the year 1965.

With strong and effective ideas and methods of our honorable CEO Mr. Maheboob Shaikh and COO Mr. Shahnawaz Shaikh, the company is positioned at the top in the list as a prominent Importer and Supplier of Car Scanner, Digital Speedometer, Clone Key Programmer, Lost Key Programmer, and leader in Automotive ECU training Institute.

With the experience of over 14 years in advanced automotive electronic system,

PA started its first training institute for Digital Speedo meter in 2002 and updated course with different automotive electronics technologies like

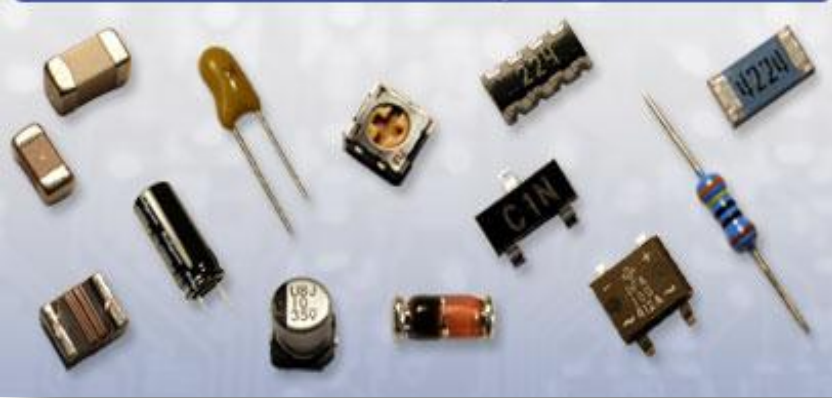
- ECU repairing training course in 2006.
- Lost – clone Key solution training in 2008
- ECM + Immobilizer + key matching solution added in course in 2010.
- In 2014 updated with smart key programming and in 2016 updated with Mercedes Benz –BMW key programming solution. Since that time, thousands of technicians have been through the doors of the training centre to attend training courses on a wide range of automotive topics and technologies.

You can also get benefit from this expertise through the range of training courses offered by PA institute at our experienced multi talented Service Training Centre in Surat city of Gujarat State of India.

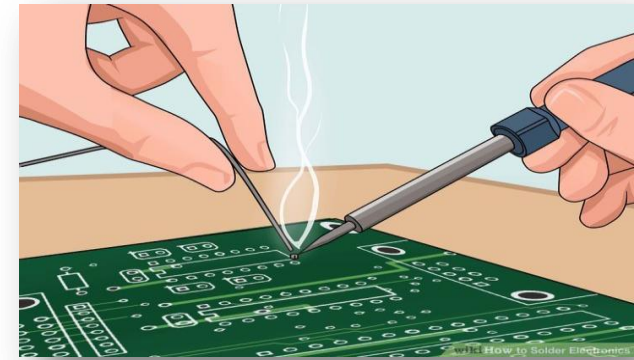
Develop your ECU programming technical skills through Purnima automotive training institute to help your clients to get satisfied–accurate work at your door step.



Electronic Components



- **Basic Electronics Old School**
- ECM Electronics components identification
- ECM Electronics parts value checking
- ECM Electronics IC soldering and Disordering.



Advance level New School

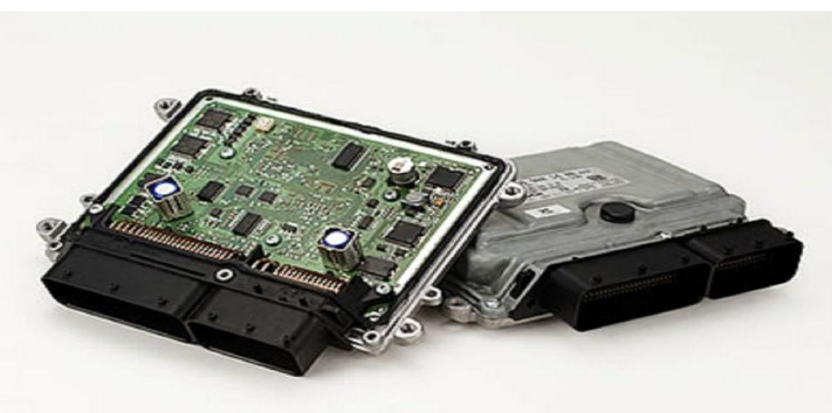
- ECM micro controllers Ic, ECM processors IC.
- ECM Flash IC remove and fixing.
- ECM board track following practical.
- Car sensor working details.
- Engine mechanism systems.
- ECM scanning on table.
- ECM key programming on table.
- ECM software programming.
- ECM code decoding.
- Immobilizer programming on table.
- Faulty ECM check and how to solve problems identification.
- Water drained / flooded ECM repairing practical training.
- Car scanning trouble code Read - clear code and repair.



Course covers

- ECM Test Procedures
- ECM Signal input outputs
- Understanding Diagnostic Fault Codes & Live Data
- Engine Management: Spark Ignition & Diagnosis
- Automotive Electronics Advanced: ECU Control & Microelectronics
- Engine Management: Diagnosis of Universal Components
- Gasoline Direct Injection System Diagnosis
- Essential Diesel Knowledge
- Gasoline Engine Emissions Analysis & OBD
- Injector System Diagnosis
- Common-Rail System Diagnosis
- Automotive Electronics: Vehicle Sensors & Components
- Braking & Chassis Systems, ABS & ESP.





Course duration

Training course duration is 15days and its covers all major automotive topics, Like ECM –EPS –BCM–SRS–ABS–Immobilizer – meter and car scanning.

After Successful completion of this programme Completion certificated is provided.



The right course for you

No matter your level of education, knowledge or experience, PA offers a training course that is perfect for everyone who wants bright future in ECU repairing industries, car mechanics can learn many things in this kind of course.

Who this course is for:

Based course is intended for garage service technicians involved in advanced diagnostic procedures and ECU repairs work.

The aim of this course is to upgrade Indian car workshop industries with provide Automotive electronics knowledge with international standard.

Knowledge of electronic principles and develop an understanding on the workings of ECU control and electronic circuitry.

The diagnosis of complex vehicle systems requires a technician with a high level of understanding. Emphasis on this course is given to the construction of specialized electronic circuits and practical training.

LOCATION



Purnima Automotive training Based in **Surat** City of Gujarat Province of **India**

how to reach to Surat

Air connectivity

Surat is located in west of India, nearest international air ports are Mumbai International Airport in south of Surat and in north Ahmedabad Intr Airport, both distances are 280 Km from Surat.

Train connectivity to Surat 4:00 Hours journey
By taxi 5 hours journey



