



**KPR Institute of  
Engineering and  
Technology**

Learn Beyond

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.



**BOSCH**

Invented for life

# CENTRE FOR JOINT CERTIFICATION PROGRAM

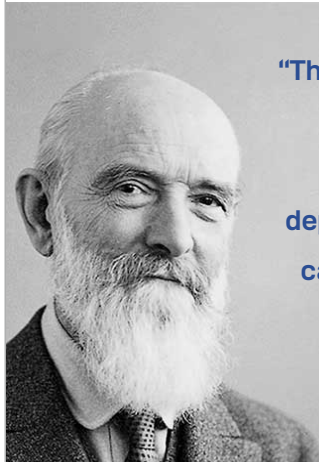
KPRIET – Bosch Centre for Joint Certification Program is one among the 17 centres established across the country and only centre equipped with top end vehicle for training.

## Welcome to the Centre with a Personal Approach

We always get committed to deliver the best-in-class training from certified trainers with trainee centred approach.

### Tradition of Excellence

KPRIET and Bosch India Pvt Ltd are pioneers in their respective field of existence. Convergence of both at a point to deliver the cutting-edge training is available at our centre.



**"The Future of our Industry,  
and any progress  
in the technical field,  
depends on the training of  
capable mechanics and  
technicians"**

**Robert Bosch**

Sep 23<sup>rd</sup>, 1861 - Mar 12<sup>th</sup>, 1942

We offer an Integrated Approach for our curriculum to meet out required skill sets for sustainable development.



# Autoelectrical Systems

## Equipments Available

- Battery Tester – BAT 131
- Auto Electrical Test Bench 3 Phase
- Battery 4W Application
- Starter 12V (IF Type), 24V
- Alternator 14V+VP (55 Amps)
- Alternator 24V/55A

## Learning Outcomes

- Test and Evaluate the battery health.
- Identify the major components and explains the functions of Battery, Alternator and Starter Motor.
- Diagnose & Trouble shoot the errors in the alternator and starter motor

# Vehicle Diagnostics Basics & System Diagnostics

## Equipments Available

- ECU Scanner – KTS590
- ESI Diagnosis Software

## Learning Outcomes

- Handle the Vehicle Diagnostics Software for any vehicle
- Identify the problems/ errors in Electronics subsystems of the vehicle
- Diagnose and rectify the problems with sensor functions

## Course Details

Course Code	Type of Course	Course Title	Duration (Days)	Training Fee (INR)/+Service Tax as applicable/Participant/day
AEL	Basic	Automotive Electrical	2 Days	1000
MTS&A	Advanced	Measurement & Testing of sensors & Actuators	2 Days	1500
BCS-1	Basic	Training on vehicle diagnostics	2 Days	1000
BB	Basic	Training of automotive battery	1 day	1000
ACS	Basic	Vehicle Air-conditioning Systems and Functions	1 day	1000

# Vehicle Airconditioning Systems & Functions

## Equipments Available

- Air Conditioning Service Equipment ACS701
- UV dye kit

## Learning Outcomes

- Handle the UV Dye Kit to identify the leaks in A.C line
- Recommend the optimal A.C gas level for any vehicle.
- Refill and top up the Vehicle A.C Gas using ACS 701

### Contact

**Mr. N. Udhayakumar**

Head / KPRIET-Bosch JCC

+91 99944 68245 | [udhayakumar.n@kpriet.ac.in](mailto:udhayakumar.n@kpriet.ac.in)

[kpriet.ac.in](http://kpriet.ac.in)      /KPRIETonline



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