

Bosch – KPRIET

Centre for Joint Certification Program

KPR Institute of Engineering and Technology



Vision

To equip the students with up-to-date knowledge and skill on the latest technologies owing to changing technology in automotive service industry globally.

Mission

Disseminate enriched knowledge to Inspect the design of various electronics subsystem for the vehicle and elaborate the functionalities and troubleshooting through ESI (tronics) diagnostic tool.

Impart knowledge on components design, testing and troubleshooting of electrical subsystem of the vehicle by using Bosch advanced auto electrical diagnosis equipment.

Demonstrate refilling, recycling and troubleshooting of vehicle air-conditioning system through Bosch vehicle air-conditioning system.

Training Module

Students will be trained the below mentioned module,

1. Autoelectrical Systems
2. Vehicle Diagnostics Basics
3. Vehicle Air-conditioning Systems & Functions

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List of Equipment's and Value, List of Course Modules

Sl. No.	Instrument Name	Value of the Instrument
Module 01 – AUTOELECTRICAL SYSTEMS (STARTERS, ALTERNATOR & BATTERIES)		
1	Battery Charger BML2415	19099
2	Battery Tester – BAT 131	50,368
3	Ampere Clamp	22,520
4	Auto Electrical Test Bench 3 Phase – AETB 03	161995
5	Battery 4W application	27,060
6	Starter 12V (IF Type)	9950
7	Starter 24V	12,315
8	Alternator 14V+VP (55 Amps)	9940
9	Alternator 24V/55A	8675
10	Tools and Accessories for Auto Electrical Service	46,290
	Sub – Total 1	3,68,212
Model 02 – VEHICLE DIAGNOSTICS BASICS (obd) & SYSTEM DIAGNOSTICS		
11	ECU Scanner – KTS 590	2,50,296
12	ESI Diagnosis Software for School – Institutional License	57,604
	Sub – Total 2	3,07,900
Module 03 – VEHICLE AIRCONDITIONING SYSTEMS & FUNCTIONS		
13	Air Conditioning Service Equipment ACS 701	3,83,856
14	UV dye kit	20,337
	Sub – Total 3	4,04,193

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Miscellaneous

Sl. No.	Instrument Name	Value of the Instrument
1	Trainer Booklet (Automotive Handbook)	10,000
2	AMC for Equipment's for 3 Years	1,20,000
3	Pre-Installation Requirements of Equipment's (CVT, Refrigerant, Laptop)	1,50,000
4	Hand Holding Training Session – 30 Students for 6 days	2,95,000
5	Fee for "Train the Trainer" TTT – 1 batch of 5 persons	90,000
6	Packing and Forwarding Charges including Transportation	30,000
7	ECU Scanner – KTS 590	2,50,296
8	ESI Diagnosis Software for School – Institutional License	57,604
	Sub – Total 4	10,02,900
Grand Total		
1	Sub – Total 1	3,68,212
2	Sub – Total 2	3,07,900
3	Sub – Total 3	4,04,193
4	Sub – Total 4	10,02,900
	GRAND TOTAL	20,83,205

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Photos of Centre



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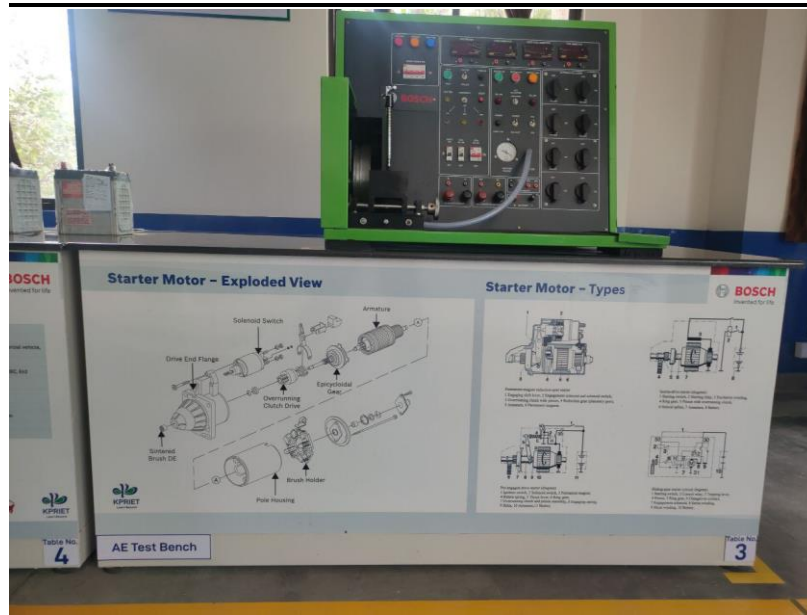
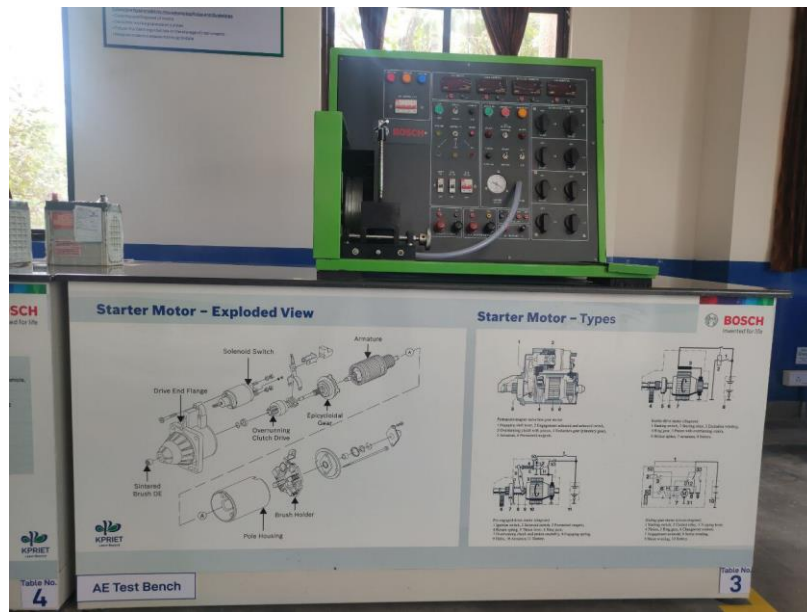
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