Driven by the power of knowledge

Automotive Aftermarket Training Programme Guide – 2020

www.boschtraining.in

Building Competence for the Future

Training  Technical Hotline  Vehicle Diagnosis
Dear Business Partners and Customers,

Vehicles today have become technologically advanced, yet increasingly complex and presenting newer challenges with the advent of modern technologies. With the BS 6 implementation in India around the corner, new generation vehicles are equipped with technologies such as EGT i.e., exhaust gas treatment. At the repair and maintenance level, there is an increasing emphasis on technological know-how in premium segment car range. When equipped with necessary expertise, workshop technicians carry out repair and maintenance efficiently and effectively. Clearly defined and well-structured training programmes are essential to ensure that your business keeps pace with the latest developments in the automotive domain.

At Bosch, our range of courses are industry-recognized and of the highest standards. Through our training sessions, you will receive in-depth knowledge of the evolving technologies, and at the same time, hands-on experience with the latest equipment, from staff who are highly knowledgeable and experienced. Some of the key benefits of Bosch automotive training programmes for your workshop include:

▶ Faster troubleshooting with latest diagnostic solutions
▶ Effective customer service
▶ Improved customer satisfaction and long-term customer loyalty
▶ Business success

Bosch Training Centres across India assist in your business development by imparting an extensive and highly relevant portfolio of technical and non-technical education and training programmes, along with our highly valued certifications.

We, at the Bosch Automotive Aftermarket division, are happy to present to you the all-new Automotive Aftermarket Training Programme Guide for 2020. This guide consists of a comprehensive list of technical and non-technical courses on our products and services. Join us on any of the training courses held throughout the year, and we will help you to get the best out of your business.

Visit our website www.boschtraining.in for more information about our training programmes. You may additionally plan and organize the training and education programmes on our easy-to-use and clearly structured web interface.

Yours sincerely,
Bosch Training Team

Bosch – more than 130 years of System Innovation and Automotive Technology

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The Bosch Training Centre with state-of-the-art facilities / equipment was established in the year 2005 and has facilities for training and testing various automotive products and vehicles besides diagnostics on vehicles fitted with Electronic Control Unit. Built over an area of 800 sq.m., it has a separate Vehicle Area, Diesel Workshop, Auto Electrical Workshop, Technical Library, and two modern Lecture Halls with state-of-the-art audio / video equipment and projection system. A variety of training films and cut-away & transparent models make the learning process interesting and enjoyable.

Manned by qualified and experienced staff, the Bosch Training Training Centre conducts a variety of training programmes to meet various customer requirements. The level of participants ranges from Mechanics and Managers / Proprietors to Engineers and Senior Executives drawn from Bosch Authorised Representatives, OE customers and their dealers, Defence Establishments, State Transport Undertakings, and Fleet Operators as well as Educational Institutions. A number of overseas customers have also participated.
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The future of our industry, and any progress in the technical field depends on the training of capable mechanics and technicians. 

- Robert Bosch
Courses on Diesel Fuel Injection

Training on Diesel Fuel Injection (PE A Type & VE Mech.)

Course Code: EP - X
Duration: 10 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Diesel Fuel Injection Equipment with more hands-on training.
Participants: Fuel Injection Equipment Service Personnel, preferably Bosch Authorised Representatives.

Training on Distributor Pump (VE Mech. with Add-on)

Course Code: EP - 4
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Diesel Fuel Injection Equipment.
Participants: Fuel Injection Equipment Service Personnel, preferably Bosch Authorised Representatives, Engineers / Technicians from OEMs.

Training on Diesel Fuel Injection (PE Pump, P-Type)

Course Code: EP - P
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent with Heavy-duty Test Bench to carry out quality service on Diesel Fuel Injection Equipment.
Participants: Fuel Injection Equipment Service Personnel of Bosch Authorised Representatives equipped with Heavy-duty Test Bench.
Course Content: Working Principles, Repair, and Testing of Bosch PE-P Fuel Injection Pump and RQV-K Governor, Bosch EDC Governor fitted on PE-P Fuel Injection Pumps, Safety and Housekeeping, Maintenance and Upkeep of Service Literature.
Courses on Diesel Fuel Injection

Training on Axial Plunger Distributor Pump (VP 37)

Course Code: EDC - 1
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Bosch VP-44 Fuel Injection Pumps.
Participants: Personnel servicing Fuel Injection Equipment, preferably from Bosch Authorised Representatives.
Course Content: Working Principles, Repair, Testing, and Adjustment of Bosch VE Fuel Injection Pumps (VP-37), Safety and Housekeeping, Maintenance and Upkeep of Service Literature.

Training on Common Rail System (CP1 Pump & Injector)

Course Code: CR - 1
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Common Rail High-Pressure Pumps and Injectors.
Participants: Technicians from BDS and OEMs equipped with EPS 815 and having experience in handling all types of existing Fuel Injection Systems.
Course Content: Structure and Function of Common Rail High-Pressure Pumps and Injectors (CP1K, CP1H, & CRI), Characteristics of, and Testing on the Pump Test Bench EPS 815 with KMA Measuring Technique, and Testing of Common Rail Injectors.

Courses on Diesel Fuel Injection

Training on Common Rail System (CP2, CP3, CP4, CB18, & Injector)

Course Code: CR - 2
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: Technicians from BDS and OEMs equipped with EPS 815 and having experience in handling all types of existing Fuel Injection Systems.
Participants: Technicians from BDS and OEMs equipped with EPS 815 and having experience in handling all types of existing Fuel Injection Systems.
Course Content: Structure, Function of Common Rail High-Pressure Pumps and Injectors (CP3, CPN2.2, CB18, & CRSN), Characteristics of, and Testing on the Pump Test Bench EPS 815 with KMA Measuring technique, and Testing of Common Rail Injectors.

Training on EPS 815 Test Bench

Course Code: EPS
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To enable participants to operate the EPS 815 Test Bench using the EPS 944 / 945 software.
Participants: New staff, existing and potential EPS 815 users. Personnel who have good experience in handling all types of fuel injection pumps and governors.
Course Content: Operation of Test Bench EPS 815 with KMA measuring technique. Programming of test protocol adjustment steps, Importing / Exporting data, In-line and Distributor Pump test equipment fitment, Basic Pump adjustment, Vehicle Diagnosis (Diesel Vehicles).

Training on CB 18 & CB 28 Systems on EPS 620 / 625

Course Code: CR - 3
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Common Rail High Pressure Pump for CB18 & CB28 systems.
Participants: Technicians from BDS and OEMs equipped with EPS 620 / EPS 625 and having experience in handling all types of existing fuel injection systems.
Courses on Diesel Fuel Injection

Training on CR Injectors – Repair & Testing

Joint Certification Centres (JCCs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Duration</th>
<th>Place</th>
<th>Objective</th>
<th>Participants</th>
<th>Course Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRI</td>
<td>3 days</td>
<td>JCCs</td>
<td>To make participants competent in carrying out quality service on Common Rail Injectors (CRI &amp; CRIN).</td>
<td>Technicians from BDS / BCS equipped with EPS 815 / EPS 200 and having experience in handling II types of existing Diesel Injectors.</td>
<td>Structure and Function of Common Rail Injectors (CRI &amp; CRIN), Repair of CR Injectors using specified Bosch Fixtures and Tools. Testing of Common Rail Injectors on Bosch Injector Tester (Stage 3 repair).</td>
</tr>
</tbody>
</table>

Training on Diesel Fuel Injection (PE A Type)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Duration</th>
<th>Place</th>
<th>Objective</th>
<th>Participants</th>
<th>Course Content</th>
</tr>
</thead>
</table>

Basic Course on Distributor Pump (VE Mech. Pump)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Duration</th>
<th>Place</th>
<th>Objective</th>
<th>Participants</th>
<th>Course Content</th>
</tr>
</thead>
</table>

Courses on Diesel Fuel Injection

Advanced Course on Distributor Pump (VE Mech. Pump with Add-ons)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Duration</th>
<th>Place</th>
<th>Objective</th>
<th>Participants</th>
<th>Course Content</th>
</tr>
</thead>
</table>

Training on Diesel Fuel Injection (PF Pump)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Duration</th>
<th>Place</th>
<th>Objective</th>
<th>Participants</th>
<th>Course Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF</td>
<td>1 day</td>
<td>BTC / JCCs</td>
<td>To make participants competent in carrying out quality service on Diesel Fuel Injection Equipment.</td>
<td>Fuel Injection Equipment Service Personnel, preferably Bosch Authorised Representatives, Engineers / Technicians from OEMs.</td>
<td>Working Principles, Repair, and Testing of PF and PFR Fuel Injection Pumps, Injectors, Importance of BDC dimensions and adjustment.</td>
</tr>
</tbody>
</table>

Training on Axial Plunger Distributor Pump (VP 37)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Duration</th>
<th>Place</th>
<th>Objective</th>
<th>Participants</th>
<th>Course Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDC</td>
<td>2 days</td>
<td>JCCs</td>
<td>To make participants competent in carrying out quality service on Bosch VE Fuel Injection Pumps with Electronic Diesel Control (VP-37).</td>
<td>Fuel Injection Equipment Service Personnel from Bosch Authorised Representatives, Engineers Technicians from OEMs, equipped with EPS 611 / 620 + EDC Tools.</td>
<td>Basics of EDC System, Working Principles, Repair, Testing, and Adjustment of Bosch Distributor-type Fuel Injection Pump (VP-37) and Injectors.</td>
</tr>
</tbody>
</table>
Courses on Diesel Fuel Injection

Training on Injection Timing Setting on Diesel Engine

Course Code: VE – T
Duration: 1 day
Place: JCCs
Objective: To make participants understand the importance of Injection Timing and competent in setting Injection Timing on Diesel Vehicles fitted with VE-Type Fuel Injection Pumps.
Participants: Fuel Injection Equipment Service Personnel from Bosch Authorised Representatives, Engineers / Technicians from OEMs and Diesel Mechanics.
Course Content: Basic knowledge on Bosch FIE products, Setting Injection Timing on Diesel Vehicles fitted with VE-Type Fuel Injection Pumps, General Maintenance Tips.

Training on Diesel Fuel Injection (PE P-Type Pump)

Course Code: PE - 1
Duration: 2 days
Place: JCCs
Objective: To make participants who work on the Heavy Duty Test Bench competent to carry out quality service on Fuel Injection Equipment.
Participants: Fuel Injection Equipment Service Personnel from Bosch Authorised Representatives, equipped with Heavy-Duty Test Bench EPS 611 / 620 / 625.

Course on VE FIP Injection Timing Setting on Engine

Course Code: VE – A
Duration: 3 days
Place: JCCs, Delhi, Kolkata and Pune
Objective: To make participants understand the importance of Injection Timing and competent in setting Injection Timing on Diesel Vehicles fitted with VE-Type Fuel Injection Pump.
Participants: Fuel Injection Equipment Service Personnel from Bosch Authorised Representatives, Engineers / Technicians from OEMs.
Course Content: Basic knowledge on Bosch FIE products, Setting Injection Timing on Diesel Vehicles fitted with VE-Type Fuel Injection Pump, General Maintenance tips.

Courses on Diesel Fuel Injection

Course on CR Injector Repair & Testing (Stage 1, 2, & 3)

Course Code: CRI – A
Duration: 4 days
Place: JCCs, Delhi, Kolkata, Pune and On-spot
Objective: To make participants competent in carrying out complete repair & service of Common Rail Injectors.
Participants: Technicians / Foremen from BDS / BCS equipped with EPS 815, EPS 200, EPS 205, and having experience in Repair & Service of existing Diesel Injectors.

Course on Repair / Testing of PE A Pump with RSV Governor

Course Code: RSV
Duration: 2 days
Place: JCCs
Objective: To make participants competent in carrying out quality service of PE A Inline Fuel Injection Pump fitted with RSV Governor.
Participants: Technicians from BDS / ODP.

Comprehensive Course on VE-Type FIP with Add-on Modules

Course Code: VE – A
Duration: 3 days
Place: JCCs
Objective: To make participants competent in carrying out quality service on VE Distributor-type Fuel Injection Pump fitted with Add-on Modules.
Participants: Technicians from BDS / ODP.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>CR – B</th>
<th>CRSD – D</th>
<th>EGT-D</th>
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<tbody>
<tr>
<td><strong>Course Code:</strong></td>
<td>CRSD – D</td>
<td>EGT-D</td>
<td></td>
</tr>
<tr>
<td><strong>Duration:</strong></td>
<td>2 days</td>
<td>2 days</td>
<td></td>
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<tr>
<td><strong>Place:</strong></td>
<td>BTC NhP / Delhi</td>
<td>BTC NhP</td>
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<tr>
<td><strong>Objective:</strong></td>
<td>To understand the functions of ECU, Self-Diagnostics of CRS, Specific Detection of Faults in Diesel Vehicles.</td>
<td>To make participants understand the function of EGT management, and diagnostics of the EGT system.</td>
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</tr>
<tr>
<td><strong>Participants:</strong></td>
<td>Motor Mechanics / Motor Electricians / Master Mechanics with experience in the field of Diesel Systems and Vehicle Diagnostics.</td>
<td>Master mechanics with experience in the field of diesel systems and vehicle diagnostics.</td>
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</tr>
<tr>
<td><strong>Course Content:</strong></td>
<td>Design and Function of various Bosch Common Rail generations; Sequence and operating modes of diagnostics software with Bosch Diagnostic Tester KTS / ES 300; Testing of back flow using injector return flow measuring device.</td>
<td>Working principles, design and function of EGT. Layout and function of each individual component, Do’s and Don’ts, Troubleshooting.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>CR – A</th>
<th>CR – C</th>
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<tbody>
<tr>
<td><strong>Course Code:</strong></td>
<td>CR – C</td>
<td></td>
</tr>
<tr>
<td><strong>Duration:</strong></td>
<td>3 days</td>
<td>2 days</td>
</tr>
<tr>
<td><strong>Place:</strong></td>
<td>JCCs</td>
<td>JCCs – Chennai</td>
</tr>
<tr>
<td><strong>Participants:</strong></td>
<td>Managers / Engineers / Foremen from Bosch Authorised Dealers, Bosch Car Service Dealers, ODP, OEM, and Engineering students.</td>
<td>Technicians from BDS and ODP.</td>
</tr>
<tr>
<td><strong>Course Content:</strong></td>
<td>Working Principles, Design, and Function of different Bosch Common Rail Systems, Structure and Function of each individual component, Range of Common Rail Fuel Injection Systems, Advantages, Preventive Maintenance, Do’s &amp; Don’ts.</td>
<td>Calibration Procedure, Steps and Importance of various settings, Consequences of improper settings.</td>
</tr>
</tbody>
</table>
Courses on Workshop and Test Equipment

Training on Bosch Air-Conditioning Service Machine

Course Code: ACS
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru) and JCCs
Objective: To make participants competent in carrying out quality service using Bosch ACS 251, ACS 651, Robinair AC690PRO, and Flushing Kit.
Participants: MRSD, BMD-AS.
Course Content: Basic Working Principles of Car AC system, Different AC gases and their features, Operating Principles of Bosch ACS 251 and ACS 651, Robinair AC690PRO, Flushing Kit, Service Training on the above, Maintenance tips, Do’s & Don’ts: ACS 251 and ACS 651, Robinair AC690PRO, Flushing Kit.

Basic Course on ESI[tronic] & MSI

Course Code: BWSS
Duration: 2 days
Place: JCCs
Objective: To enable participants to become competent in using ESI[tronic] and MSI.
Participants: Bosch Car Service / Bosch Authorised Workshop Personnel nominated to handle ESI / MSI.
Course Content: Practical Demonstration of ESI / MSI and Practice by Participants, Workshop Reports, Manufacturing Codes, and Warranty Terms and Procedures.
Courses on Basic Products & Process Knowledge

Bosch Training Centre (BTC)

Product Knowledge Induction Course for New Joinees

Course Code: AAN
Duration: 5 days
Place: BTC (Naganathapura, Bengaluru)
Objective: Product Knowledge on all Automotive Aftermarket products.
Participants: All newly joined Automotive Aftermarket employees.
Course Content: Overview and understanding of Diesel Fuel Injection Systems, Gasoline Systems, Diagnostic Equipment, and Automotive Accessories of Bosch.

Training on PS / SG / AS / BAT / LUB / Filters

Course Code: AAN - 2
Duration: 4 days
Place: BTC (Naganathapura, Bengaluru)
Objective: Product Knowledge on all Automotive Aftermarket products.
Participants: All newly joined Automotive Aftermarket employees.
Course Content: AA-IN New Joinee Training Programme on PS / SG / AS / BAT / LUB / Filters and others with Plant visit & visit to Company-run BCS

Product Knowledge Induction Course for Bosch Employees

Course Code: RB – IND
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To help participants understand the role of Systems in Automobiles.
Participants: Personnel employed at Bosch Group companies.
Course Content: Overview and understanding of various Vehicle Systems with focus on Bosch Automotive products.

Training on Car Maintenance & Systems

Course Code: VMS
Duration: 5 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Bosch Products fitted in vehicles.
Participants: Personnel at BCS / Bosch Authorised Stockists / Distributors / Workshops offering Vehicle Service.
Course Content: Practicals on Removal and Fitment of Bosch Products on Vehicles, using Test Equipment for Diagnosis and General Service and Maintenance Aspects.
Courses on Basic Products & Process Knowledge

Training on Gasoline Fuel Injection System

**Course Code:** GFI - 2  
**Duration:** 2 days  
**Place:** BTC (Naganathapura, Bengaluru)  
**Objective:** To educate participants about new technologies and products in Petrol Injection.  
**Participants:** Bosch Territory Managers – Sales and Service, Bosch Authorised Distributors’ Field Representatives, Bosch Authorised Product Stockists, and BCS (by invitation).  
**Course Content:** Technology and Product Knowledge on Petrol Injection. Working of Petrol Engine, Carburation Process, Single-Point Fuel Injection, Multipoint Fuel Injection, and Vehicle Diagnosis – Hardware and Software.

Training on Starters & Alternators

**Course Code:** AEL - 2  
**Duration:** 3 days  
**Place:** BTC (Naganathapura, Bengaluru)  
**Objective:** To make participants competent in carrying out quality service on Bosch Auto Electrical Products and Test Equipment.  
**Participants:** Personnel handling Auto Electrical Equipment at Bosch Authorised Stockists / Distributors / Workshops.  
**Course Content:** Working Principles, Repair, and Testing of Bosch Auto Electrical Products, Respective Test Equipment and New Types of Starters & Alternators.

Basic Course on Gasoline Fuel Injection System

**Course Code:** GFI - 1  
**Duration:** 1 day  
**Place:** JCCs  
**Objective:** To educate participants about new technologies in Gasoline Systems.  
**Participants:** Bosch Territory Managers – Sales and Service, Bosch Authorised Distributors’ Field Representatives, Bosch Authorised Product Stockists, BCS, etc. (by invitation).  
**Course Content:** Working Principles of Gasoline Engines, Multipoint Fuel Injection Systems, and Vehicle Diagnostics.

Courses on Basic Products & Process Knowledge

Bosch System Technicians Programme

**Course Code:** BST  
**Duration:** 2 to 5 days (depending on the module)  
**Place:** BTC (Naganathapura, Bengaluru), JCCs  
**Objective:** To make the participants knowledgeable about Bosch Products, Equipment, and Vehicle Systems as per the detailed course plan for System Technicians.  
**Participants:** All newly joined Automotive Aftermarket employees.  
**Course Content:** Working Principles, Repair, and Testing of Bosch Products and Respective Test Equipment, Knowledge on Vehicles, New Technologies, and Diagnostic Tools / Equipment.

Training on Bosch Battery

**Course Code:** BB  
**Duration:** 1 day  
**Place:** JCCs  
**Objective:** To make participants competent in selling Bosch Batteries effectively and handling warranty.  
**Participants:** Bosch Authorised Distributors, Stockists, Dealers, and Workshop Personnel handling battery sales.  
**Course Content:** Construction and Working Principles, Features, Advantages and Benefits, Product Range, Charging, Testing, Using BAT 121, Competitors’ Information, Opportunity Areas, Sales Arguments, Effective Campaigning, and Warranty Handling.

Diesel Basics for Students

**Course Code:** VEH  
**Duration:** 1 day  
**Place:** JCCs  
**Objective:** To provide basic knowledge on Vehicle Systems.  
**Participants:** Students from Polytechnics, newly appointed Technicians employed with Bosch Authorised Representatives.  
**Course Content:** Diesel Engine Basics, Fuel Injection System Basics, and other Vehicular Systems.
Courses on Basic Products & Process Knowledge

Basic Course for Fleet Operators

Course Code: FO
Duration: 1 day
Place: JCCs
Objective: To provide knowledge on Bosch Products.
Participants: Proprietors, Partners, and Technicians from Fleet Operators.
Course Content: Basic knowledge on Bosch Products, Maintenance Aspects, their Qualities, Features, and Warranty Terms.

Training for Proprietors on New Developments

Course Code: PMW
Duration: 1 day
Place: JCCs
Objective: To provide knowledge on latest products, Test and Diagnostic Equipment.
Participants: Proprietors of Bosch Authorised Workshops.
Course Content: Information on Latest Products, their Features, Advantages, and Benefits. Test and Diagnostic Equipment required for the Workshop.

Basic Knowledge Course for Customer Relations Officers

Course Code: CRO
Duration: 1 day
Place: JCCs
Objective: To provide basic knowledge on all Bosch Products, Test & Diagnostic Equipment, Handling, Storage, and Shelf Life.
Participants: Customer Relations Officers at Sales Offices, Personnel employed with C&F Agents.
Course Content: Information on all Bosch Products, their Applications and Usage, Test and Diagnostic Equipment used by customers.
Courses for Bosch Car Service Personnel

Bosch Training Centre / Joint Certification Centres (BTC / JCCs)

Advanced Course on Cars for BCS Personnel

Course Code: BCS-2 - Advanced Module
Duration: 5 days
Place: BTC (Naganathapura, Bengaluru)
Participants: Bosch Car Service Works In-charge.

Training on Vehicle Electrical & Electronic Systems

Course Code: EEM - 1 (Electricals / Electronics – Module 1) – Basic Module
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru), JCCs
Objective: Refreshing the basics of Vehicle Electrical Systems & Vehicle Electronic Systems. Test possibilities of different systems in the vehicle.
Participants: Vehicle Mechanics / Electricians and Automotive Engineers with limited knowledge in the field of Vehicle Electric System / Electronic System.
Course Content: Ohm’s law as well as Electro-Technical basics, Design and Mode of Operation of Electrical Systems, Measurement of Electrical Systems with Different Measurement Devices such as Multimeter, Ammeter, Voltmeter, as well as Engine Tester, Understanding Simple Electronic Circuits, Components, Practical Implementation of Theoretical Knowledge by Measurement Exercises directly on the Vehicle, Understanding and Troubleshooting of the Wiring System on the Vehicle.

Understanding the Vehicle Network Systems

Course Code: CAN (Automotive Networking) – Expert Module
Duration: 1 day
Place: BTC (Naganathapura, Bengaluru), JCCs
Objective: Understanding the set-up and functions of the Networked Systems in the Vehicle and their testing possibilities.
Course Content: Principles and Setup of CAN database, Design and Differences of various Bus Systems, CAN Protocol Set-up, Network – Topology, Do’s & Don’ts of CAN system, Display measurement possibilities using KTS.
Courses for Bosch Car Service Personnel

Advanced Course on Cars for BCS Personnel

Course Code: EPSV (Electronic Power Steering) – Advanced Module
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru), JCCs
Objective: Independent execution of Diagnostics / Repair and Maintenance work in Electronic Power Steering.
Participants: Vehicle Mechanics / Electricians / Automotive Engineers / Master Mechanics with good knowledge of application of ESI[tronic] & Bosch testing device KTS.
Course Content: Basic knowledge on Mechanical Steering System, Basic knowledge on Steering Geometry / Limitation in Mechanical Steering System, Inspection of Mechanical Components, Overview of EPS and Components, Different EPS Modules, Self-diagnosis on Vehicle, Testing of the Components using KTS.

Training on Common Rail System Diagnosis in Cars

Course Code: CRSD – Advanced Module
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru) and JCCs
Objective: Understanding the functions of ECU Self-diagnostics of CRS-specific detection of faults in Bosch Passenger Car Common Rail Systems.
Participants: Motor Mechanics / Motor Electricians / Automobile Engineers / Master Mechanics with practical experience in the field of Automotive Diesel System and Vehicle Diagnostics.
Course Content: Design and functions of different Bosch Common Rail Generations. Sequence and operating modes of diagnosis software as well as individual test functions with Bosch Diagnostic Tester KTS, Diagnostic strategies and specific detection of faults as well as fault rectification. Testing of Low-pressure / High-pressure circuit using Bosch Diesel sets 1 & 3. Testing of back flow using Injector Return-flow measuring device.

Training on Mechanical Braking Systems, Components, and Testing

Course Code: BRM (Mechanical Braking) – Basic Module
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru), JCCs
Objective: Understanding the basic mechanical braking system, components, inspecting, and testing.
Participants: Basic training for Motor Mechanics / Automobile Engineers.

Courses for Bosch Car Service Personnel

Training on Electronic Braking Systems, Components, and Testing

Course Code: BRE (Electronic Braking System) – Advanced Module
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru)
Participants: Basic training for Motor Mechanics / Automobile Engineers.

Training on Bosch Airbag System – Expert Module

Course Code: SRS (Supplementary Restraint System)
Duration: 1 day
Place: BTC (Naganathapura, Bengaluru), JCCs
Objective: Giving participants expert-level training in Vehicle Safety Systems, detection of Diagnosis Possibilities and Solutions, and handling Diagnostic Equipment.
Participants: Vehicle Mechanics / Electricians / Motor Mechatronic Engineers / Automotive Engineers / Master Mechanics with good knowledge on application of ESI[tronic] & Bosch testing devices (KTS).
Course Content: Safety Specifications and Workplace Instructions dealing with Airbags, Overview of Bosch Airbag Systems, Assembly and Functioning of Passive Safety Systems, Airbag Module (Driver, Passenger Window Pad), Sensor Technology of Restraint Systems, Additional Functions such as Rollover Protection, Safety Battery Terminal, Active Head Restraint, and Diagnostics and Repair possibilities with ESI[tronic] and KTS, Testing of Systems in the Vehicle with the help of ESI[tronic] and CAS / CAS (plus) KTS 550 / 570. Developing Diagnostic Strategies and Detection of Diagnosis Possibilities primarily in the complete System of the Vehicle, Practical Operation in Vehicles which are equipped with the above-mentioned Systems.

Training on Transmission Systems – Expert Module

Course Code: DT
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on complete transmission systems fitted in vehicles.
Participants: Personnel at Bosch Car Service, Workshops offering Vehicle Service.
Course Content: Practicals on Dismantling and Assembling of all types of Transmission Systems fitted in Vehicles, Understanding the Power flow, Inspection of Transmission Components, Checking of Mechatronics of Automatic & Direct Shift Gearboxes, etc.
Courses for Bosch Car Service Personnel

**Training on Vehicle Diagnosis – Expert Module**

Course Code: DTP  
Duration: 2 days  
Place: BTC (Naganathapura, Bengaluru), JCCs  
Objective: To make participants competent in carrying out quality service on complete vehicle systems using Bosch Diagnostic Tools.  
Participants: Senior Technicians at Bosch Car Service offering Vehicle Service who have undergone advanced and expert-level training programmes at our training centres.  
Course Content: Operating Instructions, Maintenance, Troubleshooting Guidelines in solving the major Electrical faults using Bosch ESI2.0 Service Literature (SiS / CAS).

**Training on Vehicle Electric Systems – Expert Module**

Course Code: VEL  
Duration: 2 days  
Place: BTC (Naganathapura, Bengaluru)  
Objective: To make participants competent in carrying out quality service on Vehicle Electricals & Electronic Systems.  
Participants: Personnel handling Electrical work at Bosch Authorised Service Centres.  

**In-depth Course on Vehicle Systems for Master Technicians – Expert Module**

Course Code: BST – CAR  
Duration: 2 to 5 days (depending on the module)  
Place: BTC (Naganathapura, Bengaluru), JCCs  
Objective: To make participants ‘Master Technicians’ on Vehicle Systems as per the detailed course plan.  
Participants: System Technician Trainees working with Bosch Authorised Car Workshops (By invitation).  

Courses for Bosch Car Service Personnel

**Basic Course on Cars for BCS Personnel**

Joint Certification Centre (JCC)

Course Code: BCS-1 – Basic Module  
Duration: 2 days  
Place: JCCs  
Objective: To enable operating-level Bosch Car Service Personnel understand the concept and make them competent in Vehicle Diagnosis.  
Participants: Bosch Car Service Technicians.  
Course Content: Engine Tuning and Performance Testing, Clutch Introduction and Maintenance, Steering and Wheel Alignment, Braking System, Suspension System, Battery Starter and Alternator Maintenance, Applications of KTS.

**Training on Vehicle Diagnostics – Expert Module**

Course Code: BCCE (Body Comfort & Convenience Electronics) – Expert Module  
Duration: 2 days  
Place: JCCs  
Objective: Giving participants expert-level training in various functions of Diagnostics for Vehicle Body Comfort and Convenience Electronics.  
Course Content: Installation and functioning of Air Conditioner and components, Components of hydraulic circuits for throttle and expansion valve, Assembly and function of Air Condition control, Components of Air Conditioner controls such as switch, sensor, actuator motor, & control unit, Testing of systems in the vehicle with the help of ESI[tronic] and CAS / CAS (plus) KTS 550 / 570, Developing diagnostic strategies and detection of diagnostic possibilities primarily in the complete system of the vehicle; Practical operation in vehicles which are equipped with the above-mentioned systems.

**Training on Vehicle Electric Systems – Expert Module**

Course Code: MTS & A (Measurement, Testing of Sensors & Actuators) – Advanced Module  
Duration: 2 days  
Place: JCCs  
Objective: Basic knowledge-base for specific diagnosis of faults in vehicles with main focus on safe and effective handling of various systems in the vehicle.  
Participants: Motor Mechanics / Motor Electricians / Motor Mechatronic Engineers / Automotive Engineers.  
Course Content: Summary of diagnosis with measuring devices such as: Multimeter, Engine tester KTS, Dealing with electrical circuits, Sensors & Actuators in the following systems: MPFI System, Common Rail System, Ignition (Distributor-type & Distributor-less – Electronic), Explanation and evaluation of different output and input signals, Independent operation with ESI[tronic], KTS, Multimeter.
Courses for Bosch Car Service Personnel

Basic Knowledge Course on Brake Pads

Course Code: BP
Duration: 1 day
Place: JCCs
Objective: To make participants competent in dealing with Bosch Brake Pads.
Participants: BCS Personnel, Bosch Authorised Product Stockists, Bosch Authorised Stockists dealing in Brake Pads.

Training on Vehicle Diagnosis – Expert Module

Course Code: DG
Duration: 2 days
Place: JCCs
Objective: To make participants competent in handling Advanced Diagnostic Equipment like KTS, BAT, and other Test Equipment.
Participants: Personnel employed with Bosch Authorised Workshops and BCS.
Course Content: Diagnosis on vehicles using KTS, BAT, and other Test Equipment.

Course on KTS usage (with ESI[tronic])

Course Code: KTS XXX
Duration: 2 days
Place: JCCs
Objective: To enable participants to understand the concept of vehicle diagnosis application / features of KTS & to become competent in the use of ESI[tronic].
Participants: Bosch Car Service / Bosch Authorised Workshop personnel nominated to handle KTS & ESI[tronic].
Course Content: Practical Demonstration on usage of KTS & ESI on the vehicle, detailed explanation on each chapter of ESI, and practice by the participants.

Course on Automatic Transmission Systems

Course Code: ATS
Duration: 2 days
Place: BTC
Objective: To make participants competent in carrying out quality service on complete Automatic Transmission Systems fitted in vehicles.
Participants: Personnel at Bosch Car Service, Workshops offering Vehicle Service and Transmission repairs.
Course Content: Practical on Dismantling and Assembling of Automatic Type Transmission System fitted in Passenger Car Vehicles, Understanding the Power flow, Inspection of Transmission Components, Checking of mechatronics of Automatic & Direct Shift Gearboxes, etc.

Courses for Bosch Car Service Personnel

Course on Gasoline Direct Injection Systems

Course Code: GDI
Duration: 2 days
Place: BTC
Objective: To make participants understand Gasoline Direct Injection system Functioning, Troubleshooting, and Diagnosis.
Participants: Bosch Car Service / Bosch Authorised Workshop personnel nominated to handle Service on vehicles.
Course Content: Components of GDI system for throttle and expansion, Construction of GDI system, Components such as switch, sensor, actuator motor, & control unit. Testing of systems on the vehicle with the help of ESI[tronic] and CAS / CAS (plus) KTS 550 / 570. Developing diagnostic strategies and detection of diagnostic possibilities primarily in the complete system of the vehicle, Practical operation in vehicles which are equipped with the above-mentioned systems.

Training for Bosch Car Service Franchise Personnel

Course Code: BCS - 3
Duration: 2 days
Place: BTCs, JCCs, & FTCs
Objective: To make participants competence in handling vehicle service at respective workshops in different systems including Testing of components in Test Equipment.
Participants: Bosch Car Service Personnel / Bosch Workshop Personnel nominated to handle Vehicle Service.
Course Content: Vehicle Configuration and systems, Engine Basics, Engine systems, Basic Electrical and Electronics, Vehicle maintenance, Transmission Types, Chassis, Suspension, Brakes, Bosch products, Replacement period, Bosch Test equipment.

Training on Vehicle Service Process

Course Code: BCS - 4
Duration: 2 days
Place: BTC Nhp / Delhi
Objective: To educate the participants about the maintenance of 4 Wheelers.
Participants: Technicians, Mechanics, Master Technicians with car experience.
Course Content: Working of Gasoline Engines and Maintenance of the vehicle as per Standard Operating Procedure.

Training on Communication Skills

Course Code: COM
Duration: 2 days
Place: BTC Nhp / Delhi
Objective: To make participants learn the tricks and tips for effective customer handling.
Participants: Front Desk personnel, Dealer Service Advisors / Supervisors.
Course Content: Training Programme with Simulation of talking to customer, listening skills, time management, communication skills.
## Certification Training on Premium Vehicles

**Course Code:** MERC  
**Duration:** 11 days + 1 day Assessment  
**Place:** BTC Nhp  
**Objective:** To educate the participants about vehicle systems of premium cars.  
**Participants:** Technicians, Mechanics, Master Technicians, Owners with car experience.  
**Course Content:** Vehicle Networking, Air System, Fuel System, Thermal Management, Energy Management for Mercedes.
Courses for Express Bike Service Personnel

Basic Training on 2-Wheeler – Servicing

- **Course Code:** EBS
- **Duration:** 2 days
- **Place:** BTC (Naganathapura, Bengaluru)
- **Objective:** To educate participants about Maintenance of 2-Wheelers, Bosch Test Equipment for 2-Wheelers, Bosch product knowledge, and Warranty terms and conditions.
- **Participants:** Bosch Territory Managers – Sales and Service, Bosch Authorised Distributors’ Field Representatives, Bosch Authorised Product Stockists, EBS Dealers.
- **Course Content:** Working of Gasoline Engines and Maintenance of the Vehicle.

Advanced Training on 2-Wheeler – Engine Repair & Inspection

- **Course Code:** EBS – I
- **Duration:** 2 days
- **Place:** BTC (Naganathapura, Bengaluru)
- **Objective:** To educate participants about repair and inspection of a 2-Wheeler Engine.
- **Participants:** EBS Dealers, Neutral Garages, Institute Students, College Students.
- **Course Content:** Dismantling and Assembly Procedure of a 2-Wheeler Engine. Diagnosis, Repair, and Inspection of a 2-Wheeler.

Course on Advanced Technologies for 2-Wheelers

- **Course Code:** EBS - 2
- **Duration:** 2 days
- **Place:** BTC
- **Objective:** To make participants competent in carrying out quality service on advanced systems like ABS and Fuel injection system of 2-Wheelers for different models.
- **Participants:** Personnel at Express Bike Service, Workshops offering Bike Service and Repairs.
- **Course Content:** Theoretical working with practical demonstration on 2-W fault diagnosis on 2-Wheeler Fuel Injection System and Anti-lock Braking System, along with various component checks and dismantling & assembly on the vehicle.

Courses for Area Managers – Sales, & Area Managers – Workshop Business Development
Courses for Area Managers – Sales & Area Managers – Workshop Business Development

Bosch Training Centres (BTCs) / Joint Certification Centres (JCCs), Seminars – Techno-commercial

Course for Area Managers – Sales

Course Code: AM
Duration: 5 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in handling sales activities pertaining to Bosch Products.
Participants: Bosch Area Managers – Sales (by invitation).
Course Content: Product-specific contents (will be mentioned in the invitation).

Course for Area Managers – Workshop Business Development

Course Code: AM-WBD
Duration: 5 days
Place: BTC (Naganathapura, Bengaluru) (On request, basic courses of two / three days duration will be conducted for AM - Sales, & AM - WBD at JCCs on mutually agreeable dates)
Objective: To make participants competent in handling workshop business development activities pertaining to new Bosch Products and Equipment.
Participants: Bosch Area Managers – Workshop Business Development (by invitation).
Course Content: Product-specific contents (will be mentioned in the invitation).

Training for Bosch Authorised Workshop Foremen (All Automotive Products)

Course Code: BWF
Duration: 1 day
Place: JCCs
Objective: To make Bosch Authorised Workshop Foremen competent in carrying out quality service on Bosch FIE and AE Products, thus ensuring customer satisfaction.
Participants: Foremen working in Bosch Authorised Workshops.
Course Content: Advanced knowledge on all Bosch Products, FIE, AE, and Automotive Accessories, Warranty Administration, Attending to Customers, Safety and Housekeeping, Troubleshooting of Vehicles, Effective Field Campaigning, and Tips on Developing the Service Business.

Basic Knowledge Course for Counter Salesmen

Course Code: CSM
Duration: 1–2 days
Place: JCCs
Objective: To make Bosch Authorised Workshop Counter Salesmen competent in attending to customers profitably and ensuring customer satisfaction.
Participants: Counter Salesmen working in Bosch Authorised Workshops.
Course Content: Basic knowledge on Bosch Products, FIE, AE, and Automotive Accessories, Warranty Administration, Attending to Customers, Effective Field Campaigning, and Tips on Developing the Service Business.

Courses for Area Managers – Sales, & Area Managers – Workshop Business Development

Basic Course for Field Representatives of Bosch Network

Course Code: PFR - 4W
Duration: 1–2 days
Place: JCCs
Objective: To make participants competent in handling Bosch Products and related market issues.
Participants: Field Representatives working with Bosch Authorised Network.
Course Content: Basic knowledge on Bosch Products, FIE, AE, and Automotive Accessories, their Qualities, Features, Customer Service Issues, and Warranty Administration.

Basic Course for Bosch Authorised Stockists

Course Code: BS
Duration: 1 day
Place: JCCs
Objective: To make participants competent in handling Bosch Products and related market issues.
Participants: Bosch Authorised Stockists, Proprietors / Partners.
Course Content: Basic knowledge on Bosch Products, FIE, AE, and Automotive Accessories, their Qualities, Features and Schemes, Selling Skills, Spare Parts Inventory Planning, Customer Service Issues, and Warranty Administration.

Basic Knowledge Course for Bosch 2-Wheeler Distributors

Course Code: PFR – 2W
Duration: 1 day
Place: JCCs
Objective: To make participants competent in handling the Bosch 2-Wheeler Product Range and related issues in the market.
Participants: Bosch Authorised 2-Wheeler Distributors, Proprietors / Partners.
Course Content: Basic knowledge on the Bosch 2-Wheeler Product Range, Qualities, Features, Customer Service Issues, and Warranty Administration.

Advanced Knowledge Course on Warranty

Course Code: WTY
Duration: 1 day
Place: JCCs
Objective: To make participants competent in handling Warranty Issues.
Participants: Bosch Authorised Workshops, Bosch Authorised Distributors’ Field Representatives, Bosch Authorised Product Stockists, BSC, etc.
Course Content: Manufacturing Codes, Warranty Terms and Procedures.
Courses for Area Managers – Sales, & Area Managers – Workshop Business Development

Detailed Course on Bosch Warranty System

Course Code: WTY - 2
Duration: 2 days
Place: JCCs
Objective: To make participants competent in handling warranty of Bosch products range effectively at Bosch Authorised Dealer Points, Filling Warranty Job Cards & punching the Warranty Jobs in BWS online.
Participants: BDS / ODP personnel from Bosch Authorised Workshops who handle Warranty complaints & are responsible for filling the Warranty Job Card & punching / monitoring warranty data in BWS online system.
Course Content: Bosch Warranty Policy in detail, Warranty Terms, Manufacturing Code, Procedures, new hints for filling the Warranty Claims, appropriate Defect Code for the critical defects, new information related to BWS online, BWS online (live) to demonstrate Claim Filling, Service / Technical Information released in connection with the Warranty & BWS online, current Field Issues, Warranty decision on critical field failures in FI & AE, Planning / Ordering as per the new releases & market potential.

Course on General / Quick Service (For Customer Segment – Shell / Castrol)

Course Code: QS (4W & 2W) - Quick Service
Duration: 3 days
Place: BTC
Objective: To make participants competent in handling General / Quick Service of Passenger Cars and 2-Wheelers in Fuel-filling Stations as value-add.
Participants: Shell / Castrol Fuel Station Operators.
Course Content: General / Quick Service for Fuel Station Operators. (For Customer Segment - Shell / Castrol)

Basic Knowledge Course for Counter Salesmen

Course Code: CSM - D
Duration: 1 day
Place: JCC
Objective: To Make Bosch Authorised Workshop counter salesman competent in attending to customers in Diesel Segment.
Participants: Counter salesmen working in Bosch Authorised workshops.
Course Content: Knowledge on Bosch Products, USP and FAB on the Diesel product portfolio, Attending to customers, Tips for developing service business.

Courses for Area Managers – Sales, & Area Managers – Workshop Business Development

Product Training - SALES

Course Code: AA-SAI-1
Duration: 2 days
Place: JCCs
Objective: To make participants competent to Handle Sales of different products in Bosch Portfolio.
Participants: Area Managers/Sales Representatives.
Course Content: Basics of Diesel Engine (Conventional+Common Rail system), Battery, Brakes, Filters.

Sales Excellence Training

Course Code: AA-SAI-2
Duration: 2 days
Place: JCCs
Participants: Area Managers / Sales Representatives.
Course Content: Understand Bosch AA challenges of the future, the AA strategy and success factors (parts, diagnostics & workshop services), Know-how to understand the market and customers, Understand how to gather customer requirements, identify customer needs and to match brand and value / Bosch strengths and strategies to achieve sales excellence.
Courses for Institutional Customers & STUs (State Transport Unions)

Basic Course for State Transport Undertakings (FIE, AE, & Auto Accessories)

Course Code: STU - 1
Duration: 2 days
Place: JCCs
Objective: To provide knowledge on Bosch Products.
Participants: Technicians working with State Transport Undertakings and other Government Departments.
Course Content: Basic knowledge of Bosch Products, Maintenance Aspects, their Qualities, Features, and Warranty Terms, Trade Goods (Bulbs, High Pressure Pipes, Filters, etc.)

Advanced Course for State Transport Undertakings (FIE, AE, & Auto Accessories)

Course Code: STU - 2
Duration: 2 days
Place: JCCs
Objective: To make participants competent in carrying out quality service on Diesel Fuel Injection Equipment, Auto Electrical, and other Bosch Products.
Participants: Nominated Personnel from State Transport Undertakings.
Course Content: Working Principles, Repair, and Testing of PE Multi-cylinder Pumps, VE, VE (EDC), Common Rail, Alternators, Starter Motors, and other Bosch Automotive Accessories.

Diesel System Course for Defence Personnel

Course Code: DEF - 1
Duration: 2 days
Place: JCCs
Objective: To make participants competent in carrying out quality service on Diesel Fuel Injection Equipment, Auto Electrical, and other Bosch Products.
Participants: Nominated Personnel from Defence Organisations.
Courses for Institutional Customers & STUs (State Transport Unions)

For Railways – Training on PF Pump – WV-Type & Injector

Course Code: RLY
Duration: 2 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Fuel Injection Equipment.
Participants: Fuel Injection Equipment Service Personnel of Railways.
Course Content: Working Principles, Repair, and Testing of PF-Type Fuel Injection Pumps and Injectors used by Indian Railways, Safety and Housekeeping, Maintenance and Upkeep of Service Literature.

Diesel System Course for Defence Personnel

Course Code: DEF - 2
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To make participants competent in carrying out quality service on Diesel Fuel Injection Equipment.
Participants: Fuel Injection Equipment Service Personnel from Defence organisations having a minimum of two years of on-the-job experience.
Courses for OE and OECDs

Seminar for OE Customers on New Developments (Diesel / Energy Systems)

Course Code: OES
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru)
Objective: To provide knowledge on Bosch Products and to inform participants about the latest developments in Bosch Products.
Participants: Managers / Engineers of OEMs manufacturing Diesel Engines and Vehicles.

Basic Course for OE Customer Dealer

Course Code: OECD
Duration: 1 day
Place: JCCs
Objective: To provide knowledge on Bosch Products and Marketing Policies.
Participants: Works Managers and Technicians working with OECDs.
Course Content: Basic knowledge of Bosch Products, FIE, AE, and Automotive Accessories, their Qualities, Features, Schemes, and Warranty Terms.

Basic Course for OE Customers on New Developments (Diesel / Energy Systems)

Course Code: OEM
Duration: 2 days
Place: JCCs
Objective: To provide knowledge on Bosch Products (FIE and AE) and to apprise participants of the latest developments in Bosch Products.
Participants: Managers / Engineers of OEMs manufacturing Diesel Engines and Vehicles.
Course Content: Design, Working Principles, and Test Procedure of Bosch Products (FIE and AE), and latest developments.
Courses for Educational Institutions

Bosch Training Centre / Joint Certification Centres (BTC / JCCs)

Train-the-Trainer Course on Diesel, Gasoline, & Vehicle Diagnosis

Course Code: TTT
Duration: 5 days
Place: BTC (Naganathapura, Bengaluru)
Objective: The Train-the-Trainer Programme enables participants to stay abreast of the latest technologies.
Participants: Trainers at educational institutes, OE customers, and other institutional customers, Regional / Local Trainers (by special invitation).

Training for Students on Diesel & Gasoline Systems

Course Code: NEI - 2
Duration: 3 days
Place: BTC (Naganathapura, Bengaluru), JCCs
Objective: To educate participants about new automotive technologies.
Participants: Final Year Students from Technical Education Institutes.
Course Content: New Technologies in Diesel and Petrol Injection and Vehicle Diagnosis – Hardware and Software.

Basic Training for Students on Diesel & Gasoline Systems

Course Code: NEI – 1
Duration: 1 day
Place: JCCs
Objective: To make participants knowledgeable about new automotive technologies.
Participants: Final Year Students from Technical Education Institutes.

Courses for Educational Institutions

Workshop on Bosch In-Line Diesel Fuel Injection Systems

Course Code: INS
Duration: 1 day
Place: JCCs
Objective: To provide knowledge on all Bosch Products, and Test & Diagnostic Equipment.
Participants: Lecturers from Engineering Colleges, Polytechnics, and other Educational Institutions.
Course Content: Basic Knowledge & Updates on latest developments on all Bosch Automotive Products, and Test & Diagnostic Equipment.

Workshop on Bosch Distributor Diesel Fuel Injection

Course Code: EI
Duration: 10 days
Place: JCCs
Objective: To make participants understand various Systems in Automobiles.
Participants: Students from Technical Institutes.

Comprehensive Course on Automotive Systems for Students

Course Code: NEI – 3W
Duration: 6 days
Place: JCC – Pune
Objective: To educate students about New and Advanced Automotive Technologies in Diesel Fuel Injection, Gasoline Fuel Injection, Vehicle Diagnosis, and AutoElectricals.
Participants: Final Year Engineering and Diploma Students from Technical Institutes.
Courses for Educational Institutions

Practical Course on Automotive Systems

Course Code: NEI – 4W
Duration: 12 days
Place: JCC – Pune
Participants: Final Year Engineering and Diploma Students from Technical Institutes.

Course on Automotive Systems for Students

Course Code: INS – W
Duration: 5 days
Place: JCC – Pune
Objective: To educate the students about Engine Basics, New and Advanced Technologies in Diesel Fuel Injection, Gasoline Fuel Injection, Vehicle Diagnosis, and Auto Electricals.
Participants: Final Year Engineering / Diploma Students from Technical Institutes.

Workshop on Bosch Auto Electrical

Course Code: W-AEL-S
Duration: 1 day
Place: JCC – Chennai
Objective: To make participants understand the working of the Auto Electrical System in Vehicles.
Participants: Students from Technical Institutes.
Course Content: Working Principles of Bosch Starter and Alternator, Important Parts, Testing of Starter and Alternator on Test Bench.

Courses for Educational Institutions

Basic Course for Trainers of Educational Institutes on Products and Vehicle Diagnostics

Course Code: W-PE-S
Duration: 1 day
Place: JCC – Chennai
Objective: To make participants understand the working of Diesel Fuel Injection System in Vehicles.
Participants: Students from Technical Institutes.

Course on Bosch Automotive Systems for Engineering Students

Course Code: W-VE-S
Duration: 1 day
Place: JCC – Chennai
Objective: To make participants understand the working of Diesel Fuel Injection System in Vehicles.
Participants: Students from Technical Institutes.

Comprehensive Course on Automotive Systems for Students

Course Code: NEI-D & ES
Duration: 3 days
Place: JCC – Chennai
Objective: To make participants understand the working of Diesel Fuel Injection System and Energy System in Vehicles.
Participants: Students from Technical Institutes.
Course Content: Diesel Engine Basics, Working Principles of Bosch Diesel System (Inline, Distributor, and Rail) and Energy System (Starter and Alternator).
Courses for Educational Institutions

Course on Vehicle Diagnosis for Students

Course Code: NEI-D
Duration: 2 days
Place: JCCs
Objective: To make participants understand Vehicle Diagnosis using KTS & ESI[tronic].
Participants: Students from Technical Institutes.
Course Content: Diesel & Gasoline Engine Management, Diagnosis on Vehicles using KTS and ESI[tronic].

Course on CR Vehicle Diagnosis for Students

Course Code: NEI-CRSD
Duration: 1 day
Place: JCC – Chennai
Objective: To make participants understand Diagnosis on Vehicles fitted with Common Rail System.
Participants: Students from Technical Institutes.
Course Content: Diesel Engine Management, Diagnosis on Vehicles fitted with Common Rail System using KTS and ESI[tronic].

Eligibility and Enrolment Procedure

The Bosch Training Centre
Your partner in educating your specialists
Qualified, experienced, and competent personnel are essential to handle the service of Bosch products. Send your personnel for training and further education to the Bosch Training Centre / Joint Certification Centre, and ensure that you remain competitive in the future.

Following are the types of training that are being offered:

- **Web-Based Training**
- **Hands-On / Practical Training**
- **Classroom Training**

Basic level training is web-based and can be completed by your staff on our training website: www.boschtraining.in
A Bosch Training Passport is issued to each Trainee after completion of the Training.

Eligibility
- Candidates who are employed with and sponsored by Bosch Authorised Representatives, Original Equipment Customers and their Dealers, State Transport Undertakings, Defence Organisations, Government Departments, ITIs, Diploma Colleges, Engineering Colleges, and JOC Colleges, etc., are normally considered eligible for training.
- Candidates should have adequate working knowledge of the medium of instruction.

Fee
- For Courses / Seminars at BTCs: ₹2,500 per day / person + taxes
- For Courses / Seminars at JCCs: ₹1,500 per day / person + taxes
- For Specialized Courses / Expert Courses: ₹5,000 per day / person + taxes
- For On-site Training: ₹20,000 + ₹1,500 per day / person + taxes
- For Neutral Workshop Courses: ₹3,000 per day / person + taxes

Note: Training Fee will be debited to Network directly by Bosch Limited (DD not required). For other customers like OEMs, etc., the Application Form is to be accompanied by DD.

How to Apply
Bosch Training Courses are offered at Bengaluru, Chennai, Kolkata, Pune, New Delhi, & Chandigarh. Candidates may apply at any Training Centre of their choice. Application should be made in the prescribed application form, giving the required particulars to the respective BTC / JCC of the region.

Corporate Office:
Bosch Limited
Automotive Aftermarket, P. O. Box No: 3000, Hosur Road, Adugodi, Bengaluru – 560 030, Karnataka
Mobile: +91 97399 43263, E-mail: shweta.magenize@in.bosch.com

Bengaluru: Bosch Training Centre
Bosch Limited
Naganathapura Plant, Electronics City P. O., Post Box No: 6887, Bengaluru – 560 100, Karnataka
Ph: (080) 4103 5540 / 41 / 42 / 43. Fax: (080) 2852 1608 / 2852 1239
E-mail: gg.venkatesha@in.bosch.com, maheshchander.pant@in.bosch.com, kapil@in.bosch.com

For training courses in the southern region, please apply to:

Regional Trainer – South
Bosch Limited
‘Sabari Sunnyside’ 2nd Floor, Middle Wing, 8/17, Shafee Mohammed Road, Off Grems Road, Thousand Lights, Chennai – 600006, Tamil Nadu
E-mail: kirang.nair@in.bosch.com
For training courses in the eastern region, please apply to:

**Regional Trainer – East**
Bosch Limited
Post Box No. 9044, 91-A, Park Street
Kolkata – 700 016, West Bengal
Ph.: (033) 2217 2144 / 2226 4570. Fax: (033) 2249 7482
E-mail: sanjib.ghosh@in.bosch.com

For trainings in the western region, please apply to:

**Regional Trainer – West**
Bosch Limited
3rd Floor, Godrej Millennium, Koregaon Park Rd, Vasani Nagar
Koregaon Park, Pune – 411 001, Maharashtra
Mobile: +91 99875 64775
E-mail: truptimanaji.sawant@in.bosch.com

For trainings in the northern region, please apply to:

**Regional Trainer – North**
Bosch Limited
C/o Sunehri Exports, Plot No. B1 / E24
Mohan Co-operative Industrial Estate
Mathura Road, New Delhi – 110 044
Mobile: +91 98713 07355 / 99875 64775
E-mail: parag.kavthekar@in.bosch.com

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**Important Information**

- **Working Hours:**
  - JCCs: Monday to Friday – 10 a.m. to 5 p.m.
  - BTCs: Monday to Friday – 9 a.m. to 4 p.m.
- Candidates are required to make their own arrangements for boarding, lodging, and transport.
- In order to maintain the quality of training (during practical demonstration classes), the number of candidates for each course is restricted to 12.
- Seats are reserved on a 'first-come first-served' basis. Candidates are to be deputed only after receipt of the confirmation from Bosch.
- Candidates reporting for a course without our confirmation will be accommodated only if there is a vacancy.
- Candidates attending the course should bring a letter of introduction from the sponsoring organisation.
- Although precautions are taken for the safety of the trainees, the company assumes no responsibility for any injury caused to them or loss of personal articles during the training period.
- No refund of the Seminar / Course fee for non-participation will be made, nor will it be adjusted for another Seminar / Course.
- Photography is prohibited within the factory premises.
- Applications should reach the Training Centre at least four weeks in advance of the required Seminar / Course.
- Participants shall be held responsible for the loss of any Bosch property from the Training Centre during the training course.
- Participants should not bring laptops, mobile phones with camera, floppy diskettes, CDs / DVDs, video cameras, pen drives, or memory sticks into the Training Centre.