

Introduction

The global automotive repair and maintenance services industry is forecast to grow at a double-digit compound annual rate between 2015 and 2025, according to Future Market Insights, driven by increasing vehicle production and growing demand from emerging markets, notably China and India. Demand depends on miles driven and the number of cars on the road. The increased complexity of vehicles, which makes it more difficult for vehicle owners to perform repairs. Hence qualified Automotive service technicians required to diagnose, repair and perform maintenance on automobiles. When performing diagnostics, automotive service technicians use electronic testing equipment to identify problems. In addition to special diagnostic equipment, the automotive service technician works with a wide range of tools which are used for repairs of diagnosed problems. The automotive service technician performs a mix of physical and mental tasks during a typical day. Mental labor includes diagnosing problems and dealing with customers, while the physical labor comes from physical repairs to automobiles.

Although no formal college degree is required to become an automotive technician, it is becoming ever more important to actually receive formal training. This is because of the increasing use of complex computer programs, which aid in the diagnosis of vehicle service problems. The skills and knowledge which an automotive technician possesses will provide opportunity to work privately as well.

Objectives

The major objectives of the programme are to:

1. Educate and train the person on Automobile maintenance and servicing..
2. Provide an opportunity for the participant to know and use wide range of tools used for repairs or diagnosing problems.
3. Update the participants to use electronic testing equipment and special diagnostic equipment.

Eligibility

Diploma in Mechanical Engineering / Automobile Engineering / Production Engineering/Foundry Technology or person who have completed SSLC / Higher Secondary Education with Vocational group / Academic group.

Contents

The major topics planned to be covered are

- Automotive Chassis Systems
- Automotive Engines
- Automotive Transmission
- Automotive Electrical Systems
- Vehicle Servicing and Testing

Selection Procedure

The aspirants/applicants can submit their duly filled-in applications to the coordinator Selection will be made by short-listing the aspirant applicants.

Registration fee * = 30,000 INR

*The amount is to be paid through a Demand Draft drawn in favour of "CNCE, payable at Coimbatore.

ONE YEAR CERTIFICATE PROGRAMME ON AUTOMOBILE MAINTENANCE AND SERVICING Department of Automobile Engineering PSG College of Technology, Coimbatore – 641 004

APPLICATION FORM

Name (in Block Letters) :

Date of birth & Age :

Community : OC/BC/MBC/SC/ST

Qualification :

Designation & Department :

Organization :

Address for
:

Communication
(With PIN Code)
.....

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Phone (with area code) : Office:

Mobile:

E-mail id :

DECLARATION BY THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place :

Date : Signature of the candidate

The duly sponsored application forms are to be sent to:

Dr.V.M.MURUGESAN / Dr.S.NEELAKRISHNAN

Coordinators - AMS

Department of Automobile Engineering

PSG College of Technology

Coimbatore – 641 004, Tamilnadu

Contact No: 94439 36930 / 9894759928

E-mail: murugesanvmpsg@gmail.com / neelpsg@gmail.com

The details of this workshop are available in the website

<http://www.psgtech.edu>

The applicant can know the information regarding selection and programme schedule by visiting the above website.

About the College

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & Sons' Charities Trust. PSG College of Technology an AICTE approved institution is affiliated to Anna University and ISO 9001 certified. Most of our programs are accredited by the National Board of Accreditation (NBA). Recognizing the excellent infrastructure, faculty, progressive outlook, high academic standards and record performance, the University of Madras reposed abundant confidence in the capabilities of the College, and PSG College of Technology was conferred Autonomous status in the year 1978.

Several advanced centers are set up with financial support from the Ministry of Human Resources Development, DST,MoT and other agencies. These include: the CAD/CAM/CIM Centre, Virtual Reality Centre, Virtual Instrumentation Centre, Educational Technology Centre, Centre for Non-Formal and Continuing Education, PROJECT IMPACT Centre (a project funded by the World Bank, Swiss Development Corporation and the Government of India), UNDP Jute Project Centre, TIFAC – CORE, Rapid Prototyping and Manufacturing Centre, Festo-PSG Centre for Pneumatic and Control Engineering, Metals Testing,Nano centre,COE-Indutech and Research Centre, Industry Institute Partnership Cell, CII – TDB TNET Centre and PSG-Infineon & PSG - Freescale embedded systems laboratories. PSG College of technology has been selected as a member of the Partners for the Advancement of Collaborative Engineering Education (PACE). As such, PSG TECH joins an elite group of global PACE institutions that link with PACE industrial partners to better prepare the product lifecycle management team of the future.

Department of Automobile Engineering

The Automobile Engineering department was established with an undergraduate programme in Automobile Engineering in 1999 and postgraduate programme in Automotive Engineering in 2009. The department also offers doctoral research programme and candidates have registered with faculty of the department. The department maintains a close liaison with a number of Universities and Industries within and outside the country through faculty research and collaborative projects. The department offers consultancy and testing services in Chassis, Engine, FEA analysis, and CFD simulations. The department has established the PACE laboratory links with support from GM, Autodesk, HP, Oracle, Siemens PLM to develop the automotive product lifecycle management team of the future, electric and hybrid vehicles laboratory, fuel cell and alternative fuels laboratory and automotive styling laboratory. Faculty members are continually publishing the results of their research work as technical papers in international and national journals and in conferences.

ONE YEAR CERTIFICATE PROGRAMME ON AUTOMOBILE MAINTENANCE AND SERVICING



Coordinators

**Dr.V.M.MURUGESAN
Dr.S.NEELAKRISHNAN**



Organised by

Department of Automobile Engineering

PSG COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Coimbatore – 641 004

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