Government Polytechnic, Pune (Estd. in 1957)

(An Autonomous Institute of Government of Maharashtra)

Automotive Mechatronics Centre (Estd. in 2006)

ADMISSION NOTIFICATION (2025-26) FOR Advanced Diploma in Automotive Mechatronics

Applications are invited for "**Advanced Diploma in Automotive Mechatronics Module 1&2 "** Skill based and job oriented courses in collaboration with **Mercedes-Benz (I) Pvt. Ltd.**

Course Name	Duration	Eligibility
Advanced Diploma in Automotive Mechatronics (Module-1)	6 Months	Diploma or Degree in Engineering (Mechanical / Automobile / Electrical /E&TC / Mechatronics and Equivalent Branch)
Advanced Diploma in Automotive Mechatronics (Module-2)	6 Months	Advanced Diploma in Automotive Mechatronics (Module-1) or equivalent

Admissions will be also given for both the courses together i. e. for one year duration

Date and Time of Entrance Exam: **Tuesday, 09th September 2025, 11am at Government Polytechnic, Pune-411016**

For Application form & Brochure, Visit website: https://gppune.ac.in

For further information Contact: Mr. **R.R. Godbole (9822244204), Mr. M.S. Pol (8380077236)**

Application form link: **https://forms.gle/J45EFsKmKSuWEKHp7**

Alumni of this course are employed in Mercedes-Benz, Audi, Fiat, Volkswagen, Jaguar, Mahindra, Bosch, Tata etc.

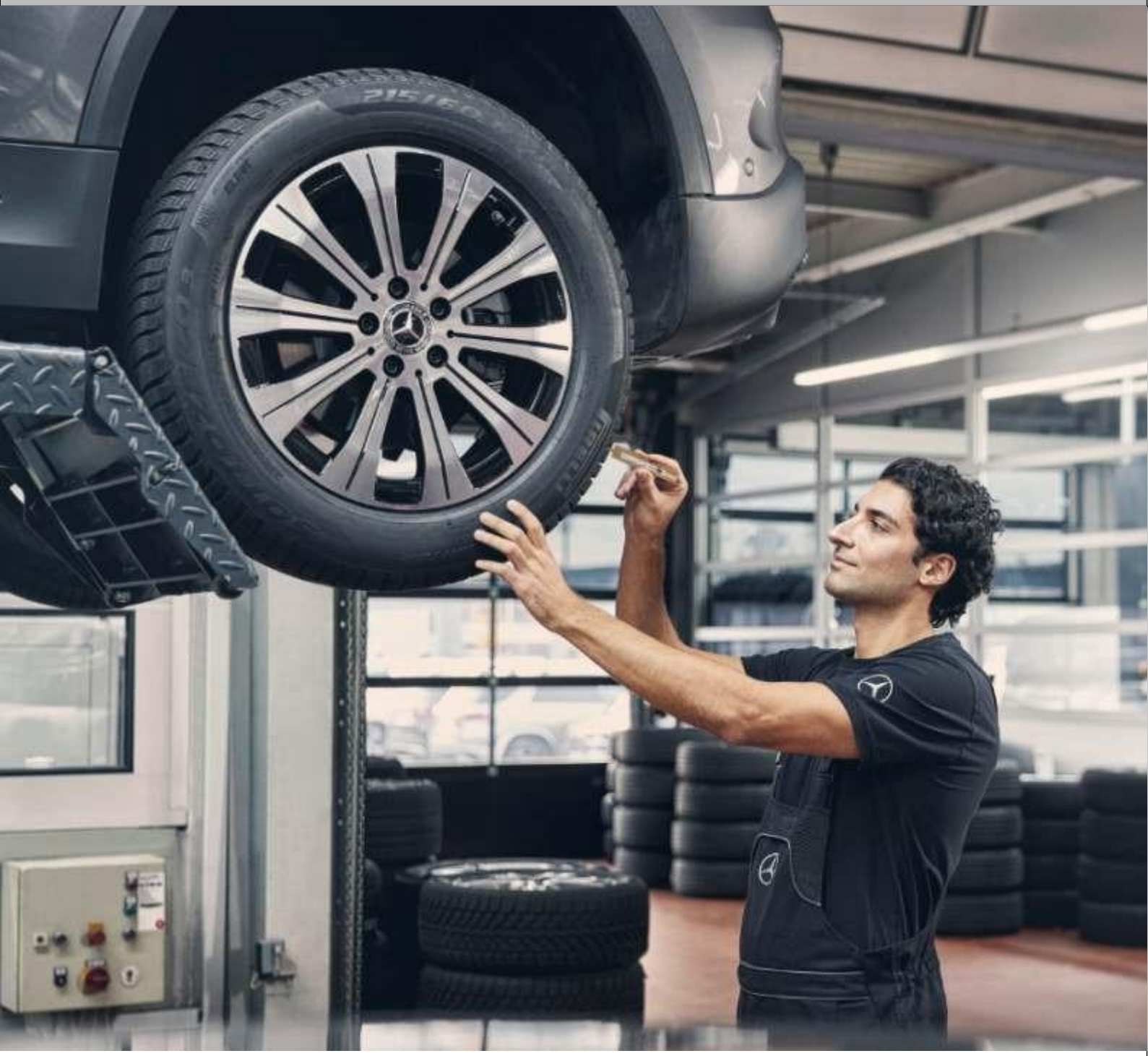
Dr. Rajendra K. Patil
Principal, Government Polytechnic, Pune.

Government Polytechnic, Pune

(An Autonomous Institute of Government of Maharashtra)

Advanced Diploma in Automotive Mechatronics (ADAM) Course

Training program that aims to develop skilled automotive professionals proficient in maintenance of high-end cars and latest technology



Government Polytechnic, Pune

Government Polytechnic, Pune is a leading Polytechnic of Technical Education Department, Government of Maharashtra.
This institute is accredited by NBA with Excellent Grades.
The institute had collaboration with Mercedes-Benz in 2006 for Advanced Diploma in Automotive Mechatronics (ADAM) course.
The institute has 3 Mercedes-Benz cars.
Two engines, automatic and manual transmissions, Electrical Lab, steering system, Mercedes-Benz designed Computer Based Training sessions, Mercedes-Benz Designed software Workshop Information System.

Mercedes- Benz India Pvt. Ltd., Pune

Mercedes-Benz India, established in 1994, is a leading luxury car manufacturer in India and a wholly-owned subsidiary of Mercedes-Benz AG. It's known for pioneering the luxury car market in India and has a strong presence with a manufacturing plant in Chakan, Pune, and a research and development center (MBRDI) in Bengaluru and Pune. The company offers a wide range of vehicles, including sedans, SUVs, and performance-oriented AMGs, with a focus on intelligent technology and luxury.

Course content

This course blends mechanical, electrical, and electronics engineering focusing on advanced automotive systems like ECUs, sensors, and electric vehicles. It prepares students for roles in both R&D and after-sales service, ensuring they can handle the complexities of modern vehicles, including autonomous and connected cars.
With the industry's shift toward electric and smart vehicles, qualified professionals in Mechatronics will be in high demand. This course offers the perfect opportunity to build a future-proof career in one of India's fastest-growing sectors

Course Highlights

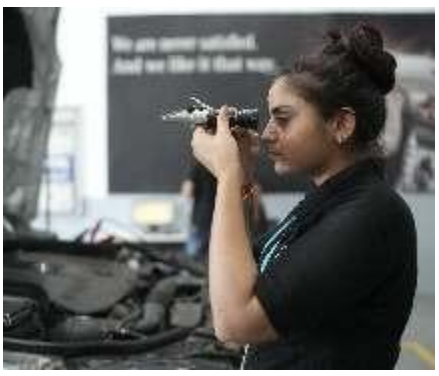
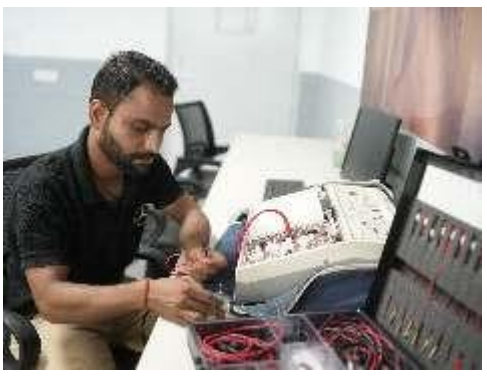
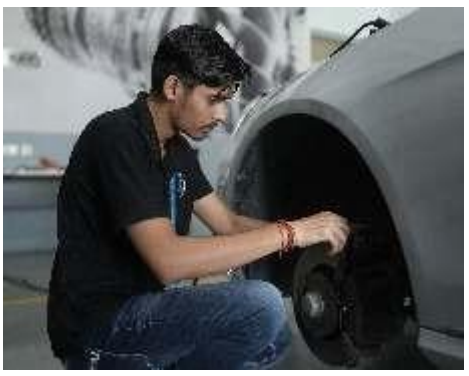
Module1: Mechanical
Module2: OJT1
Module3: Electronics
Module4: System
Module5: Soft Skills
Module 6: OJT2
Certification: After successful completion of module1 and 2 ADAM (MODULE1)
After completion of Module 3, 4, 5 and 6 ADAM (MODULE2) will be awarded

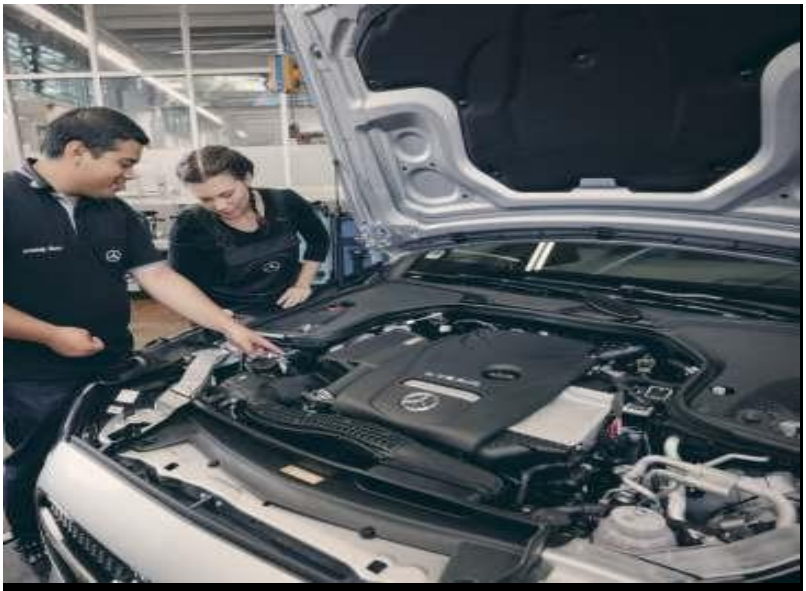
Admission Information

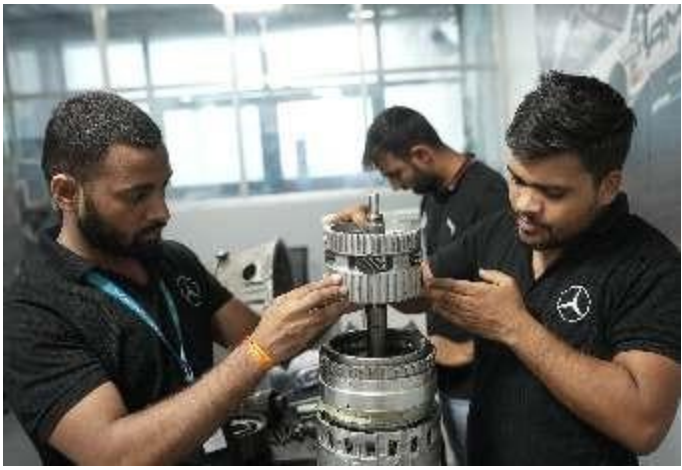
Fees: ADAM (MODULE1)-50000 **Duration:** 6 Months
ADAM (MODULE2)-50000 **Duration:** 6 Months

Eligibility:
ADAM (MODULE1): Diploma or Degree in Engineering (Mechanical/ Automobile/ Electrical/ E&TC/ Mechatronics and Equivalent Branch)

ADAM (MODULE2): Diploma or Degree in Engineering (Mechanical/ Automobile/ Electrical/ E&TC/ Mechatronics and Equivalent Branch) **+ ADAM (MODULE1)**

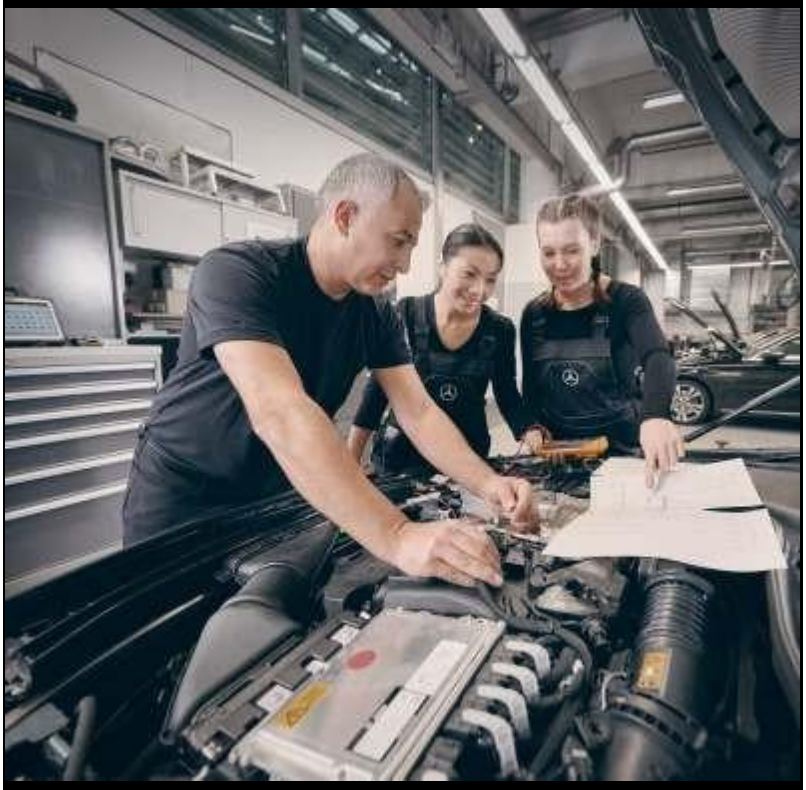




Admission process:

Admission to the ADAM course is based on entrance tests, which candidates must pass to be eligible.
The entrance test comprises three parts:

1. Written Test
2. Practical Test
3. Personal Interview



Learning outcome:

Remove & install components of a car.
Measure mechanical, electrical and electronics parameters for systems and components used in a car
Carry out PDI (Pre- Delivery Inspection) and Maintenance of a car.

- Read and interpret the wiring diagrams of vehicle systems.
- Use modern diagnostic equipment.
- Diagnose various faults and rectify the same.
- Communicate with customers and others for technical issues on the vehicle.

Practical sessions during the course include:

- Hands-on experience working with modern cars and their components.
- Practical exercises involve dismantling and assembling major components like modern engines and gearboxes. These tasks take place in well-equipped electric and electronic labs and workshops.
- Engage in assembling and disassembling various components, gaining an understanding of their functions and performance. Get assessed on the overall performance of vehicle systems.
- Exercises are designed around real-time issues, focusing on diagnosing faults. For example, learners prepare a working vehicle system by installing faulty parts and then diagnose and correct the issue using efficient diagnostic strategies and available literature.
- Learn to use specialized and general tools and workshop equipment effectively.
- Utilize online documentation and workshop manuals (WIS) throughout the learning process.
- Gain exposure to computerized diagnostic units, such as the Xentry Unit, enhancing their diagnostic skills in modern automotive technologies.