

INFORMATION BROCHURE

2025-2026



BHUBANANANDA ORISSA SCHOOL OF ENGINEERING, CUTTACK

Offer a New Vocational Training Program

ADVANCE DIPLOMA IN AUTOMOTIVE MECHATRONICS (ADAM)

In Collaboration with

Mercedes Benz India Ltd.



Advanced Diploma in Automotive Mechatronics (ADAM)

Jointly Offered by BOSE, Cuttack & Mercedes-Benz India Ltd.

About the Course

This Advanced Diploma in Automotive Mechatronics is a specialized vocational training program jointly offered by Mercedes-Benz Academy, India and BOSE, Cuttack. It is designed to meet the growing demand for skilled automotive professionals and equips aspiring engineers with world-class automotive technology skills. The course focuses on developing multidisciplinary competencies to navigate modern automotive challenges. Additionally, it emphasizes essential soft skills, especially communication, crucial for success in the automotive industry.

Key Highlights / Course Highlights

- ✚ Comprehensive vocational training on advanced automotive technology.
- ✚ Curriculum developed and overseen by Mercedes-Benz Academy.
- ✚ Hands-on learning with state-of-the-art tools and equipment.
- ✚ Small class size for personalized attention.
- ✚ Strong emphasis on practical workshop-based learning.
- ✚ Final assessment and certification by industry experts.
- ✚ Group discussions, presentations, and debates on automotive technologies.
- ✚ Integration of computer-based training materials and technical information.
- ✚ Pathways to employment within Mercedes-Benz network and leading automotive OEMs.

Curriculum Highlights

This training encourages self-reliance, where trainers guide students toward solutions instead of offering ready-made answers. This approach enhances independent problem-solving skills.

ADAM emphasizes practical learning—students work hands-on with cars, engines, transmissions, and other automotive components.

Learning Outcomes

- ✚ Remove and install components of a car.
- ✚ Measure mechanical, electrical, and electronic parameters of systems and components.
- ✚ Perform Pre-Delivery Inspection (PDI) and vehicle maintenance.
- ✚ Read and interpret vehicle wiring diagrams.



- Use modern diagnostic equipment.
- Diagnose and rectify automotive faults.
- Communicate effectively with customers on technical issues.

Facilities & Infrastructure

- Mercedes-Benz approved training modules.
- Modern automobile workshops and labs.
- Diagnostic tools (scanner, multimeter, refractometer, and hydrometer)
- Smart classrooms with digital content.
- Engine models and cut-sections.
- Practical training on modern vehicle systems.

Why Choose ADAM at BOSE, Cuttack?

- Government institute + world-class industry collaboration.
- Mercedes-Benz standard training.
- Job-oriented practical learning.
- Exposure to advance and luxury vehicles.
- Affordable advanced technical program.
- Strong placement potential.

Course Modules

- Mechanical Module
- Electrical & Electronics Module
- System Module
- Workshop & Soft Skills Module

Eligibility

Candidates with B.Tech / 3-year Diploma in Mechanical, Automobile, Electrical & Electronics, Electronics & Communication, Applied Electronics, or equivalent.

Course Details

- Total Seats: 25
- Duration: 1 Year (Full Time)
- Course Fee: ₹60,000/- (Payable in two instalments; non-refundable after admission)
- Application Fee: ₹200/-
- Online Application: <https://bosecuttack.org.in/>



ADMISSION PROCESS

The admission procedure for the Advanced Diploma in Automotive Mechatronics (ADAM) at BOSE, Cuttack is conducted entirely through online mode as per the steps given below:

Online Registration & Application Submission

Candidates seeking admission must apply online through the institute website:

<https://bosecuttack.org.in/>

They are required to:

- ❖ Register using a valid mobile number and email ID.
- ❖ Fill in the online application form with accurate personal and academic details.
- ❖ Upload scanned copies of required documents (photograph, signature, educational certificates, etc.).
- ❖ Pay the application fee of ₹200/- through the online payment gateway (non - refundable).
- ❖ Submit the form and download/print the acknowledgment for reference.

Scrutiny of Applications

After the closing date, all submitted applications will be verified and scrutinized. Eligible candidates will be shortlisted for the next stage.

Entrance Test (CBT Mode) – Total 125 Marks

A Computer-Based Test (CBT) will be conducted to assess the candidates.

The test will consist of the following sections:

- Basic Automotive – 25 Marks
- Basic Physics – 25 Marks
- Analytical Reasoning – 25 Marks
- Numerical Ability – 25 Marks
- Service Aptitude – 25 Marks

Publication of Merit List



Based on performance in the Entrance Test, a Merit List will be published on the institute website. Candidates selected through the merit list will be called for verification.

Document Verification

Shortlisted candidates must appear on the scheduled date for physical verification of original documents. Failure to attend may lead to cancellation of candidature.

Admission & Fee Payment

Candidates who have completed document verification successfully will be offered admission. They must deposit the course fee of ₹60,000/- (in two installments) within the prescribed timeline.

Important Dates

ADVANCE DIPLOMA IN AUTOMOTIVE MECHATRONICS	
The link for registration and submission online application shall be available from	15.12.2025 to 28.12.2025
The last date/ closing for submission online application	28.12.2025
Scrutiny & finalization of application	29.12.2025
Exam on online CBT Mode	04.01.2026
Publication of result and Merit list	06.01.2026
Document Verification	08.01.2026
Commencement of ADAM Course	12.01.2026

Online Application Link: <https://bosecuttack.org.in/https://bosecuttack.org.in/advanced-diploma-in-automotive-mechatronics-adam/>

After completion of the course, the ADAM Certificate will be jointly awarded by Mercedes-Benz India and BOSE, Cuttack.

