



# CENTRE FOR

# AUTOMOTIVE MECHATRONICS

# KIET GROUP OF INSTITUTIONS

## Advanced Diploma In Automotive Mechatronics (ADAM)

A Course Developed in Collaboration with  
Mercedes-Benz India Pvt. Ltd.  
5<sup>th</sup> Batch starting soon



## KIET GROUP OF INSTITUTIONS

KIET Group of Institutions (KIET), was established in 1998 at Ghaziabad (Delhi-NCR) with an annual intake of 180 students. It is an AICTE approved Institution affiliated to Dr. A.P.J Abdul Kalam Technical University (AKTU), Lucknow (formerly UPTU). KIET offers UG & PG courses in four disciplines i.e. Engineering, MBA, MCA & Pharmacy. With the glorious legacy of 23 years, the Institute now has 6500+ students and is empowered with 350+ highly qualified full-time faculty to nurture our students. Institute credentials & Centres of Excellence can be viewed @ our website [www.kiet.edu](http://www.kiet.edu).

### INSTITUTE'S CREDENTIALS

- Accredited by NAAC with Grade "A+" for 5 years (Till 2027)
- All eligible programs are NBA Accredited.
- NIRF (2021) – 176th Rank (Engineering ) Rank Band : 76-100 (Pharmacy)
- ARIIA 2021-2nd Rank in the category "Private Institutions (Technical)"
- QS I-GAUGE - 'Diamond' College Rating(February 21, 2022- February 21, 2024)
- AICTE-CII Survey 2020 - KIET accorded with 'GOLD' Rating
- NABL Accredited Lab in the field of 'Testing' - Mechanical Properties of metal & NDT
- Technology Business Incubator (TBI) set up in association with NSTEDB, DST, Govt. of India
- ISO 9001:2015 Certified
- Apple iOS Lab and D-Link Lab.

### MERCEDES-BENZ INDIA PVT. LTD.

Mercedes Benz India Pvt. Ltd (MBIL). headquartered at Chakan, Pune was established in 1994 and is a wholly owned subsidiary of Daimler AG. It is one of the most celebrated names among the Luxury automobile brands in the world and produces premium segment cars and commercial vehicles which have a global reach. The company also provides financing, leasing, fleet management, insurance and innovative mobility services. It has been recognized as India's Most Admired Company in a survey by Fortune India magazine. The brand was adjudged Economic Times' Brand Equity's, 'India's Most Exciting Brand' and topped the survey in the automotive four-wheeler category. MBIL has also been ranked number one in the J.D. Power Customer Service Index 2015 among the luxury brands.



## ADAM COURSE CONTENT

The course content and delivery methodology is derived in collaboration with Mercedes-Benz India Pvt. Ltd. to suit the needs of the luxury segment automobiles. During the course candidates will be able to access the Workshop Information System (WIS) – Online Technical Knowledge Portal of Mercedes-Benz for excellent comprehension of latest technology and related processes.

The course consists of the following modules: -

**Mechanical Module:** Practical Hands on Experience on latest MB Engine and Transmissions assembly & disassembly, Chassis systems, Suspension, Steering and various braking systems, Introduction to Pre-Delivery Inspection (PDI), Maintenance & Servicing of Modern Vehicle, etc.

**Electronics Module:** Basic Electronics, Sensors, Wiring Diagram - symbols & designation of electrical components, sockets & pin diagrams, Basics of CAN bus and its application in networking etc., hands on experience on latest Mercedes-Benz Car.

**Advanced Automotive Systems:** Vehicle Component Study, Different Vehicle Management System, Functions of Engine management, Emission control management etc.

**On the Job Training** at MB Dealer Network for holistic practical understanding

## ADAM ADVANTAGES

- Employment oriented Vocational training Program
- Governing council from Mercedes-Benz Academy for all operational topics
- Syllabus and assignments provided by Mercedes-Benz Academy
- Final assessments will be conducted by Mercedes-Benz Academy
- Employment opportunity at MB Retail network and automobile OEMs



## COURSE FEATURES

- **Self-reliant learning** with emphasis on hands-on-practical training on most modern engines, transmission and latest **E Class Mercedes-Benz car**.
- Trainers are trained by Mercedes-Benz India and have vast teaching experience.
- Trouble shooting using modern diagnostic tool "Xentry" on Mercedes cars.
- Soft skills sessions by professionals
- Separate Module for Electronics
- Placement in renowned MB Retail network and automobile OEMs

## KIET'S "ADAM" ADVANTAGE

- Successfully running first Batch of 20 students from different states of India spread from Himachal Pradesh to Kerala.
- Highly skilled and motivated Trainers.
- Very conducive air-conditioned environment for learning with best-in class infrastructure.
- Successfully arranged On Job the Training at various dealerships pan India.
- Best Opportunity for Placements.



## ADMISSION PROCESS

- A candidate who has passed AICTE approved Diploma or Degree in Mechanical/Automobile/Electronics/Instrumentation/Electrical Engineering branches is eligible for admission to this course.
- Admission to the course is through Entrance Test and Personal Interview. The test will be based on Basic Automotive, Basic Electronics, Analytical reasoning and Numerical ability.
- Registration form for Entrance Test can be filled online on our website: [www.kiet.edu](http://www.kiet.edu).
- The Registration fee is Rs. 500/- and can be paid online.
- E-Hall ticket will be issued to the candidates on their registered email id.
- The candidates are required to bring with them any one from PAN Card, Driving License, Aadhaar or any other valid ID proof for entrance test along with hard copy of E-Hall ticket.



Course  
Intake  
**20**  
students

## COURSE DURATION AND FEE

- The duration of the course is one year with a fee of Rs. 90,000/-.
- Hostel facility is available for interested students on a first come first serve basis.

## CERTIFICATION

After successful completion of the course, students will be awarded Certificate of **Advanced Diploma in Automotive Mechatronics (ADAM)** jointly by KIET Group of Institutions and Mercedes-Benz India Pvt. Ltd.

## COURSE COORDINATOR

**Dr. Ashish Karnwal (9999365444), [ashish.karnwal@kiet.edu](mailto:ashish.karnwal@kiet.edu)**



**KIET**  
GROUP OF INSTITUTIONS  
*Connecting Life with Learning*

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