



CENTRE FOR CONTINUING EDUCATION
GOVERNMENT ENGINEERING COLLEGE BARTON HILL
THIRUVANANTHAPURAM – 695035



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IMPORTANT DATES
BATCH-18

Date of notification
25/03/2026

Last date for receiving
completed application
30/04/2026

Written Examination
23/05/2026

Publication of Rank list
26/05/2026

Commencement of
Course
22/06/2026

ADVANCED DIPLOMA
IN
AUTOMOTIVE MECHATRONICS (ADAM)
Prospectus for Admission-2026-27

Government Engineering College (GEC), Barton Hill is a premier institute located right at the heart of the capital city of Kerala, Thiruvananthapuram. It stands out for academic excellence and remarkable achievements of its alumni. We have a team of extremely dedicated, highly qualified and trained faculty members. Within a relatively short span of time, the college has grown on to become a name to reckon within the academic and industrial milieu. The College offers six M.Tech Programs, five B.Tech programs (all are NBA accredited) and ADAM Course. The College is affiliated to the APJ Abdul Kalam Technological University, Kerala and comes under the Directorate of Technical Education, Government of Kerala.

Mercedes - Benz India Private Ltd is part of Mercedes-Benz's Global Production Network and plays an important role in the CKD/MVP production network in Brazil, Indonesia, Malaysia, Thailand and Vietnam. Mercedes-Benz India pioneered the luxury car market in India. It has a world-class production facility spread over 100 acres in Chakan near Pune. Mercedes-Benz India now boast of the entire portfolio having 'connected cars. Mercedes-Benz India product portfolio comprises the locally produced Mercedes cars and completely built imported cars, the portfolio includes the EQC, V-Class, CLS, C-Class Cabriolet, the G 350d, the EQC and the exciting AMG range. Mercedes-Benz announced the futuristic and more customer centric 'direct to customer' model, called 'Retail of the Future' (ROTF) in which, Mercedes-Benz India will own the entire stock of cars, sell them via appointed Franchise Partners offering one transparent price and purchasing experience for customers.

Advanced Diploma in Automotive Mechatronics is one of the social-oriented programs initiated by Mercedes-Benz India in collaboration with prestigious academic institutions across India.

ADAM Course, Duration and Fee

The Qualified System Technician (QST) certification is a one-year program with a course fee of **Rs.85,000/-** (Rupees Eighty-five thousand only). Additionally, a PTA fund of **Rs.1,000/-** (Rupees One thousand only) is to be paid at the time of admission. The admission is for the 18th batch of ADAM which is the first batch for the academic year 2026-27, scheduled to begin on 22nd June 2026.

Course Aim

- To train aspiring engineers on latest automotive technology using latest, world-class tools and equipment to fulfill the need for skilled human resources in automotive field.
- To develop multi-disciplinary competency amongst engineers to cater to the contemporary automotive technology.
- To develop various soft skills and in particular thorough communication skills.

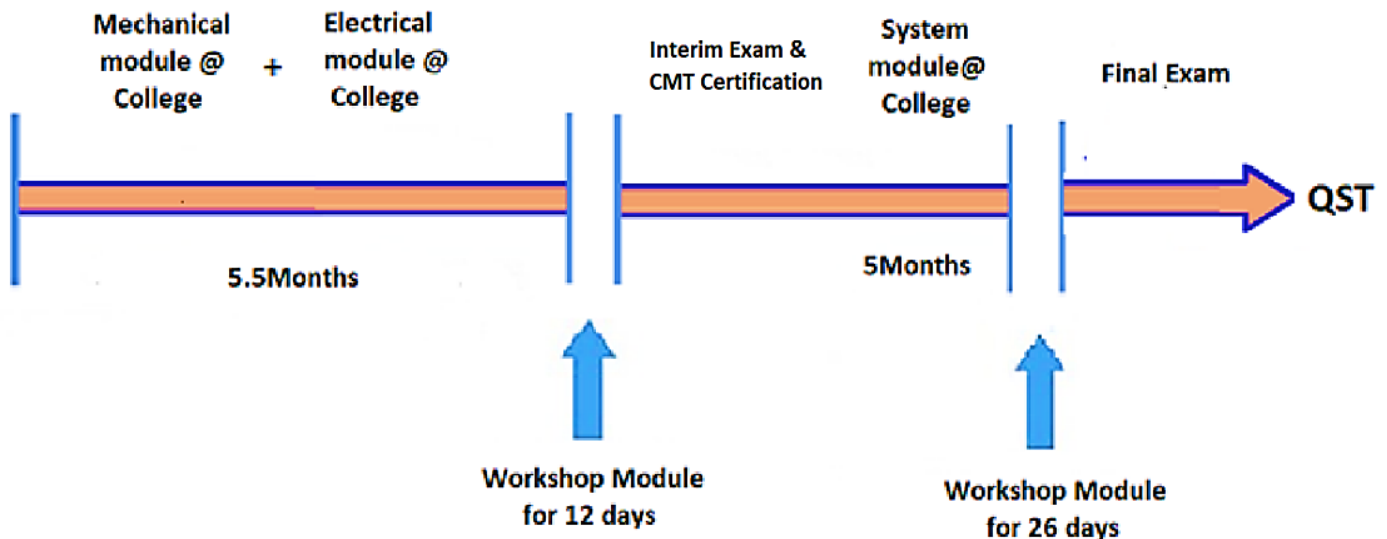
Course Objectives

After completion of this course the students will be able to

- Remove and 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 a car.
- Use modern diagnostic equipment.
- Diagnose various faults and rectify the same.
- Communicate with customers and others for technical issues on the vehicle.

Course Modules: The course consist of – Mechanical Module, Electrical & Electronics Module, System Module, Workshop Module and Soft Skills.

ADAM Course Plan



Training Methodology

- Training will be conducted in offline mode according to the above course plan.
- Self-reliant learning under continuous guidance from specially trained faculty.
- Learning in a team of maximum of five members.
- Tasks specially designed for developing skilled mechatronic technicians.
- Group discussions, presentations, debates and performing similar tasks for personality development.
- Limited number of students per class (maximum 24).
- Personal attention ensured by having one trainer for every 10 students.
- Study using computer based training materials and computer based Workshop Information System
- Continuous monitoring by the trainers

Entrance test comprises the following Six parts

Written Test (**Total 125 Marks**) is based on Multiple Choice Questions (MCQ) and an engineering drawing test

- a. Basic Automotive (20 marks)
- b. Basic Physics (20 marks)
- c. Analytical reasoning (20 marks)
- d. Numerical ability (20 marks)
- e. Service Aptitude (20 marks)
- f. Engineering Drawing test -Orthographic projection –conversion of pictorial views into orthographic views (25 marks)

Eligibility for admission

Candidates who have a Degree/ 3-year Diploma in Mechanical Engineering / Automobile Engineering / Electrical & Electronics Engineering / Electronics & Communication Engineering/ Mechatronics / Applied Electronics and equivalent disciplines. Final semester B.Tech. / Diploma Students who have successfully completed the course up to the pre-final semester without live back papers are also eligible. **Such students should acquire B.Tech. / Diploma at the time of admission.**

Submission of Application

Application forms are available online on the website (www.gecbh.ac.in) of Government Engineering College, Barton Hill, Thiruvananthapuram. Candidates seeking admission can fill the application form online and attach the required documents including receipt of application fee. The form should accompany the details of qualification and application fee (non-refundable) of ₹500/- (₹250/- for SC/ST candidates) paid through account transfer to the current account of **“Principal and Course Coordinator, ADAM CCE, Government Engineering College, Barton Hill” Account No. 37921014673** of State Bank of India, Vikas Bhavan , Thiruvananthapuram.(IFSC **SBIN0070415**).

All such applications will be scrutinized and eligible candidates for Written Test will be given an acknowledgement through mail attaching the instructions for the Written Test. Result of the written entrance test and list of finally selected candidates will be displayed on the website. For more details, please refer the website www.gecbh.ac.in

- **Candidates who fail to produce the Degree/ Diploma certificate / final semester mark list in the case of final year students will not be eligible for admission.**
- **Final semester students should upload consolidated mark list up to the pre-final semester at the time of applying.**
- **Candidates seeking reservation benefits must upload Caste/ Community/ BPL certificate along with their application. Those who fail to upload the relevant certificate will not be considered for reservation during the admission process.**

Test Center for Examination

The venue for the written examination is

Government Engineering College, Barton Hill, Vanchiyoor P.O., Thiruvananthapuram, and Kerala – 695035.

Admission to the Course

Admission to the course is through an entrance test. The final rank list will be based on the marks obtained in the written test. The schedule of admission process is given below

Schedule of Admission Process

	BATCH 18
Issue of Prospectus with Admission Form at GEC Barton Hill website	25/03/2026
Last date for receiving online application form at GEC Barton Hill	30/04/2026
Written Examination	23/05/2026
Publication of Rank list	26/05/2026
First Round of Admission	15/06/2026
Second Round of Admission (in case of any unfilled seats in the first round)	18/06/2026
Commencement of ADAM Course	22/06/2026

Course Intake and Reservation of seats

The intake for the first Batch of academic year 2026-2027 is 24 students. For each batch, a maximum of 5 seats are reserved for Mercedes-Benz India Dealer nominees, 1 seat for SEBC /OEC candidates, 1 seat for BPL candidates and 2 seats for SC/ST candidates as per Centre for Continuing Education (CCE) guide lines. Candidates claiming reservation shall upload appropriate caste and income certificate / BPL certificate from competent authority while submitting online application. 50 percent fee concession as per CCE guidelines will be given to the reservation category students (**Four only**) based on their rank in the ADAM entrance examination. However, passing the entrance examination shall be mandatory for all categories of candidates. Seats not availed by reserved candidates will be open to general category.

Regulations Regarding Admission

Original certificates of qualification should be produced for verification at the time of admission.

Selection of Candidates

1. Admission will be made strictly on merit from the ranklist for all categories of candidates.
2. Candidates are directed to fill and submit the online application form along with soft copies of the relevant certificates (10th, Degree/Diploma, Degree Mark list), documents (pdf only) on or before (**online through website: gecbh.ac.in**). Online applications received late or incomplete will be rejected.
3. Written examination will be conducted at GEC Barton Hill, Thiruvananthapuram.
4. **A Rank list will be published based on the written examination.**
5. **It is mandatory for the candidates to attend the written test in person for admission at their own expense.**
6. Candidates who fail to appear for the **written test** on the specified date and time will not be considered.
7. Selected students will be required to pay full fee at the time of admission. The fee for admission to the course shall be paid by account transfer to the account **No.37921014673** of State Bank of India, Vikas Bhavan, Thiruvananthapuram (IFSC **SBIN0070415**) in the name of Principal and Course Coordinator, Govt. Engineering College, Barton Hill.
8. Admission of the eligible candidates, who do not deposit the prescribed fees in full and do not produce the original certificates for verification within the prescribed time after selection, shall stand automatically cancelled and vacancies so arised shall be offered to the candidates next in order of merit. No correspondence or appeal in this connection will be entertained.
9. Seats remaining vacant, for whatsoever reasons, shall be filled up in the subsequent round, by following the same procedure as in the first round admission and as per the given schedule.
10. The decision of the ADAM Working Committee will be final in interpreting the rules of admission. Legal disputes if any will come under the jurisdiction of Court at Thiruvananthapuram.

Rules and Regulations after Admission

1. All the students are required to have their identity card with them while they are in the campus. Identity cards will be supplied by the College at the time of admission.
2. The students should keep all the receipts obtained from the College and should produce them for verification if required.
3. No fee refund will be given to the students who discontinue the course after enrollment and the admission is closed.
4. Students admitted to the College, should strictly abide by the rules and regulations of the College.
5. Arrangements will be made for providing accommodation to the students, outside the campus. No hostel facility is available at the college. Students have to bear the actual expenses for accommodation.
6. Students have to wear uniform in the campus, the details of which will be given at the time of admission.
7. As per the curriculum, there will be industrial / MB India Plant visit and dealership workshop internships, the expenditure for travel, food, accommodation, etc. should be borne by the student.

Certificate

On completion of the course, the students will have to appear for the final examination and successful candidates will be awarded Qualified System Technician (**QST**) certificate duly signed by the Director of Technical Education, Kerala / The Principal, Government Engineering College Barton Hill and Mercedes-Benz India Pvt. Ltd.

The candidate who fails in the final examination will be given two additional chances for which the exam Centre will be any of the ADAM centers in India. The failed students have to pay the assessment fee and meet the travelling and other expenses for the additional chances.