



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



Website : [www.gecbh.ac.in](http://www.gecbh.ac.in)  
Phone : 0471 2300484, 2300485

Email: [adamcourse@gecbh.ac.in](mailto:adamcourse@gecbh.ac.in)  
Fax : 0471 - 2300484

Mercedes-Benz

### IMPORTANT DATES

Last date for receiving  
completed application  
04.05.2018

Entrance Examination  
19.05.2018

Publication of results  
25.05.2018

Admission – Round I  
05.06.2018

Admission – Round II  
12.06.2018

Commencement of  
Course  
18.06.2018

## ADVANCED DIPLOMA IN AUTOMOTIVE MECHATRONICS (ADAM) **Prospectus for Admission**

**Government Engineering College, Barton Hill** is a premier institute located right at the heart of the capital city of Thiruvananthapuram. It stands out for academic excellence and remarkable achievements of its alumni. Another highlight is an extremely dedicated and highly qualified team of faculty members. Within a relatively short span of time the college has grown on to become a name to reckon with in the academic and industrial milieu. The college is affiliated to the University of Kerala and comes under the Directorate of Technical Education, Government of Kerala.

**Mercedes - Benz India Private Ltd** is wholly owned subsidiary of Daimler AG, Germany with its headquarters in Pune, Maharashtra, India. Mercedes-Benz has been associated with India for more than 50 years. Presently, Mercedes-Benz India's engagement in India covers several domains:

- Local assembly & import of Mercedes-Benz cars
- Global sourcing of auto components
- Captive automotive technology research and development.

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

### Course Aim

- To train aspiring engineers on latest automotive technology using latest, world-class tools and equipments 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 equipments.
- Diagnose various faults and rectify the same.
- Communicate with customers and others for technical issues on the vehicle.

**Course Modules** : The Course consists of four modules –Mechanical, Electronics, Vehicle Systems & Soft Skills

### **Training Methodology**

- 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 mechatronics professional.
- Group discussions, presentations, debates and performing similar tasks for personality development.
- Limited number of students per class (maximum 20).
- Personal attention ensured by having one trainer for every 10 students

### **Eligibility for admission**

Candidates who have a Degree/Diploma in Mechanical Engineering / Automobile Engineering / Electrical & Electronics Engineering / Electronics & Communication Engineering / Mechatronics / Applied Electronics and equivalent disciplines. Final year B.Tech. students with 6.5 CGPA till seventh semester and without live back papers are also eligible.

### **Submission of Application**

Application forms are available on the website of Government Engineering College, Barton Hill, Thiruvananthapuram. Candidates seeking admission can send downloaded and duly filled in application form. The form should accompany a Demand Draft of Rs 500/- (Rs. 250/- for SC/ST candidates) in the name of “Coordinator, ADAM, Government Engineering College, Barton Hill” drawn on any SBI branch and payable at Trivandrum. All such applications will be scrutinized and eligible candidates will be called for the entrance test. Result of the entrance test and list of finally selected candidates will be displayed on website within 10 days after entrance test. For more details, please refer the website [www.gecbh.ac.in](http://www.gecbh.ac.in)

### **Admission to the Course**

Admission to the course is through entrance test conducted at the college. Entrance test comprises of theory as well as practical tests.

### **Schedule Of Admission Process**

Issue of Prospectus with Admission Form at GEC Barton Hill/website	05/03/18
<b>Last date for receiving application form at GEC Barton Hill</b>	<b>04/05/18</b>
<b>Entrance Examination at GEC Barton Hill</b>	<b>19/05/18</b>
Publication of Results	25/05/18
First Round of Admission	05/06/18
Second Round of Admission (in case of any unfilled seats in the first round)	12/06/18
<b>Commencement of ADAM Course</b>	<b>18/06/18</b>

### **Course Duration and Fee**

Course duration is one year with a fee of Rs. 85,000/- (Rupees Eighty Five Thousand only). Mercedes-Benz, India offers scholarship to one lady candidate and two economically backward candidates who secure admission to the course.

### **Course Intake**

20 students for each academic year, out of which a maximum of 5 seats are reserved for Mercedes-Benz India dealer nominees and 2 seats for SC/ST candidates. 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.

### **Selection of Candidates**

1. Admission will be made strictly on merit for all categories of candidates.
2. Applications should be addressed to “**The Coordinator, ADAM, Govt. Engineering College, Barton Hill, Thiruvananthapuram, Kerala. Pin – 695035**”. Applications received late or incomplete will be rejected.
3. Entrance examination will be conducted at GEC Barton Hill.
4. A merit list will be published based on the entrance examination.
5. It is mandatory for the candidates to attend interview-cum-counseling in person for admission at their own expense. No proxy is allowed.
6. Candidates who fail to appear for interview-cum-counseling 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 fees for admission to the course shall be paid in the form of Demand Draft drawn in favour of “Coordinator, ADAM, Govt. Engineering College, Barton Hill” payable at Thiruvananthapuram or by electronic transfer to the ADAM account.
8. Admission of the eligible candidates, who do not deposit the prescribed fees in full and produce the original certificates for verification within the prescribed time after selection, shall stand automatically cancelled and vacancies so caused shall be offered to the candidates next in order of merit. No correspondence or appeal in this connection will be entertained by GEC Barton Hill.
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, and as per the given schedule.
10. The decision of the ADAM Governing Council will be final in interpreting the rules of admission. Legal disputes if any will come under the jurisdiction of Court at Thiruvananthapuram.

### **Regulations Regarding Admission**

Original certificates should be produced at the time of admission.

### **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 refund will be given to the students who discontinue the course after enrollment.
4. Students admitted to the college, should strictly abide by the rules and regulations of the college.
5. Arrangements will be made for providing hostel 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

### **Certificate**

On completion of the course, the students will have to appear for the final examination and successful candidates will be awarded certificate duly signed by the Director of Technical Education, Kerala and Mercedes-Benz India Pvt. Ltd.

Sd/-