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Do not use old documents



Automotive Mechatronics Centre

Estd 2006

GOVERNMENT POLYTECHNIC PUNE

(An Autonomous Institute of Maharashtra Government)

Savitribai Phule Pune University Road, Pune-411 016

www.gppuneamc.org adamgpp2015@gmail.com

020-25559244



Mercedes-Benz

ADVANCED DIPLOMA IN AUTOMOTIVE MECHATRONICS

(A Course Developed in Collaboration with Mercedes-Benz India Pvt. Ltd)

1 About Government Polytechnic, Pune:

Government Polytechnic, Pune (GPP) is the largest and leading Polytechnic of Technical Education Department, Government of Maharashtra. This institute is accredited by NBA for Excellent Grades and is also elected under World Bank TEQIP project. It is surrounded by Industrial Zone of the State. Majority of these industries are related to Automobile, Information Technology and Electronics & Telecommunication sectors. Academic Autonomy has been conferred on this Institute since 1994. The institute had been awarded Best Polytechnic award, by Government of Maharashtra for consistent excellent performance in Technical Education.

2 About Mercedes Benz:

Mercedes-Benz a pioneer in the International industry owns brands such as **Mercedes-Benz, Smart, Maybach, Freightliner** and others. These brands represent a formidable force in the automotive industry and reflect not just pioneering technology but technology that is path breaking. Today its brands stand for Technology, Safety, Reliability, Comfort and Environment. In alliance with several other component manufacturers of repute, they are developing new and advanced systems that are taking automotive technology to new heights.

Mercedes-Benz India Private Ltd since its establishment in 1994 has been one of the first auto ventures set up in India. The company has a long-term commitment to the Indian market. Government Polytechnic, Pune and Mercedes-Benz India Private Ltd (MBIL) had jointly introduced the **Advanced Diploma in Automotive Mechatronics** course in 2006. The collaborative course will enable students to be trained as per the highest standards of modern automotive technology and thereby will bring added synergies between technological innovations and market demands for skilled personnel.

3 Why Automotive Mechatronics course?

Automobile Industry in India is growing rapidly and is also maturing at a faster pace not only in terms of size and model variants available but also in terms of technological advancements in new cars. Across all vehicle segments, the automotive technology is becoming more and more sophisticated with stringent regulations and increased customer awareness. To cater effectively to after-sales service requirements of these technologically advanced vehicles, good qualified and well versed technical manpower will be required by all brands at dealerships as well as in the automobile industry all over the country. Automotive Mechatronics course intends to address this requirement through this course.

4 Course Content: The course content and methodology is derived in collaboration with Mercedes-Benz India to suit the needs of the state of art automobiles. The course consists of following four modules.

4.1 Mechanical Module: Engine - various modern engines and its functions, Transmissions, Chassis systems, Maintenance & Servicing of Modern Vehicle, Introduction to Workshop Information System (WIS), PDI & servicing - Preparation of work plan using maintenance checklist, Quality services, etc.

4.2 Electronics Module: Basic Electrics, Wiring Diagram - symbols & designation of electrical components, sockets & pin diagrams, Reading of wiring diagram. Basic Electronics, Principle & applications of sensors, Digital Electronics, CAN BUS Basics of CAN bus, networking of control units using CAN bus, Location of CAN voltage distributor, Interior & Exterior CAN.

4.3 Advanced Automotive Systems: Vehicle Component Study; Different Vehicle Management System: Functions of Engine management & Emission control management - i.e. Advanced GDI, MESFI, Catalytic converter etc, ESP, ABS, BAS, ASR, Distronic, Parktronic, SRS, Auto transmission electronic control, Telematics (Basic), MOST, D2B, Auto air-conditioning etc.

4.4 Soft Skill Development: Communication skills- Verbal Communication, Body language, Presentation skill using modern aids, Written communication - Business letter writing, Technical Report writing, etc.

4.5 Workshop Attachment Module : Two week training at dealers workshop to perform a maintenance service activity and practice the various process of vehicle maintenance.

5 Faculty: Faculties / trainers from Government Polytechnic are Post Graduates in Engineering and have vast teaching experience. They have been trained on advanced automotive systems at Mercedes-Benz plant in Chakan, Pune and Germany. Some are trained in this center.

6 Course Duration: 1 year (4 modules)

7 Course Fees: Rs 90,000/- fees may be paid in two installments: First installment: Rs 50,000/- at the time of admission & Second installment: Rs 40,000/- up to 31st January

8 Scholarships: Mercedes Benz India Ltd. Is offering Scholarship as per Mercedes-Benz norms

1. Scholarship for low Economic background: - 3 Eligible Students (Male/Female) based on their family Income and Entrance Test Merit.

2. Scholarship for Female Student: - 1 Eligible Female student based on Entrance Test Merit Irrespective of her family Income.

9 Course Intake: 40 students (10 seats are reserved for Mercedes-Benz dealer sponsored candidates).

10 Hostel Facility: Limited hostel facility (only 14 beds as per merit of entrance exam) is available in institute campus. Lodging charge per annum is Rs 15,000/- . Due to acute shortage of water we discourage hostel admissions.

11 Eligibility Criteria: A candidate who has passed Diploma or Degree (AICTE approved) in Mechanical/Automobile/Electronics/Instrumentation/Electrical Engineering or in allied branches is eligible for admission to this course. Civil , Computer and allied branches are NOT eligible.

12 Certification: After successful completion of the course, students will be given Certificate of “Advanced Diploma in Automotive Mechatronics”. Jointly Signed by Principal GPP and Authorities of (MBIL).

After receiving ADAM certificate, student become eligible for CST (Certified System Technician) Exam of Mercedes-Benz India Pvt. Ltd.

13 Entrance Test

Admission to the course is through entrance test only. There is no specific syllabus for entrance test. The questions in the test will be based on basic knowledge of engineering like **Basic Automotive, Basic Physics, Analytical Reasoning, Numerical Ability, English, Engineering Drawing and Skill test.** Read FAQs on www.gppuneamc.org

14 Entrance examination test centers are Ahmedabad, Chennai, Delhi and Pune. The candidates have to Tick (✓) in the application form the city of exam centre where they want to appear for entrance test. Detailed addresses of the test centres are given hereunder. The candidates are required to bring with them valid ID proof for entrance test like PAN Card, Driving License, Adhar card

AHMEDABAD	Benchmark Cars, Support, Near Sola flyover, S.G. Road, Sarkej Gandhinager Highway, Sola, Thaltej, Ahmadabad. 380063
CHENNAI	Trans car India pvt ltd, 80/81, Ambattur Industrial Estate, Chennai (near Vavin bus stop)
DELHI	Khasara No. 5/4/1/2, Village Begampur, Khatola , Gurgaon- 122001 (Haryana) Landmark: Near Shani Mandir & Grace Toyota
PUNE	Automotive Mechatronics Centre, Government Polytechnic, Opposite Cosmos Bank, Near Jawahar Nagar, Ranging Hill Signal, University Road, Pune-411016

NOTE: Candidates are advised to know the center one day in advance so that one can reach in time.

The candidates should reach the respective test centers at least 30 minutes before the commencement of the test exam.

15 Before filling form, Please go through FAQs mentioned on website . Website: www.gppuneamc.org

16 Application form :

Application form for entrance examination has is on the last page of this pdf file.

16.1 Print the page, fill it, attach self attested photocopies of mark sheets

16.2 Optional-attach certificates of Diploma/Degree in engineering/technology

16.3 Attach DD of Rs. 500/- (non-refundable entrance examination fees) favoring “Principal, Government Polytechnic Pune CEP”

16.4 Write on right corner of packet “**A D A M 1 7 1 8**”

16.5 The packet to be sent to the “Principal, Government Polytechnic, University of Pune Road, Pune-411016” on or before the last date of submission of forms. **OR** The filled in application form & D.D. may also be submitted at all centre of Entrance Examination on the day of Entrance test i.e **18 August 2017, Friday at 11am.**

16.6 **No separate letter/Hall ticket will be issued in this regard**

16.7 See detailed admission schedule on website.

17 ADMISSION SCHEDULE

17.1 Selected candidates will be notified on website. Email/sms will be sent to them.

17.2 Selected candidates must send image of DD- First installment fees of Rs. 45,000/- favoring “**Principal Government Polytechnic Pune CEP**”.

17.3 The image is to be mailed to email adamgpp2015@gmail.com. Reply will be given in **24 hours. Sending the image**

17.4 **Admitted 30 candidates** are required to produce original educational documents (marksheet, latest leaving certificate) for verification and will be retained till next installment of fees.

17.5 Next installment of fees of Rs.45000/- before 31st January 2018.

18 Hostel : Candidates willing to avail hostel facilities will be required to pay Rs 15,000/- as hostel lodging charges through DD drawn in favor of “**Student’s Welfare Committee, Government Polytechnic, Pune**”.

19 Contact Details: Leave your query on E-mail: adamgpp2015@gmail.com . If your query is not answered, then call Mr. V.S. Sonawane (9423577845) 10am to 5pm only

For date of entrance examination, admission schedule, scholarship rules etc. please refer the website

Updated on 1.7.2017

20. Hostel admissions schedule

ADAM 2017-18

Total Seats 24: for Dealers' Candidates 10 , Others 14
Final schedule

Activity	Date	time
Hostel admission starts. Submit form to hostel clerk. cost of Form Rs. 10/-	03/10/2017	11 am to 5pm
Declaration of hostel admission. As per merit of entrance test (14 beds only)	05/10/2017	5pm
Incidental stay charges: If unoccupied beds are available, Students can pay guest charges Rs. 50/- for each day and stay in hostel for maximum two weeks from 03/10/2017. This will help to search rental accommodation nearby areas.		

Coordinator
AMC

21. Scholarship formats

Check list

Documents to be submitted

Sr.No.	Document	Yes /No
1	Self attested photocopy PAN card of candidate	
2	Self attested photocopy of PAN card of parent/guardian	
3	Income certificate of parent issued by authority for financial year ended on 31 st March 2017 not below dy. Collector. Self attested photocopy. (income should be less than Rs. 2lakh per annum)	
4	Bank account details and six month statement of parent. Self attested	
5	Bank account details and six month statement of candidate. Self attested	
6	Self attested Photocopy of UID of parent	
7	Self attested Photocopy of UID of candidate	
8	Income affidavit (as per format)	
9	Schedule (as per format)	

Important : Those Candidates who wish to avail scholarship, must submit all these documents on the test date.

The names of candidates eligible for scholarships will be declared on the day of 'Merit list declaration'.

The candidates eligible for admission AND offered seat AND taken admission by submitting original documents (marksheet, leaving certificate) at the time of admission, need not submit any DD for fees.

INCOME AFFIDAVIT

(On Rs. 100/- Non judicial stamp paper)

Declaration of income of Parent/Guardian for the year (ending on 31st March 2017) for the purpose of scholarship granted by Mercedes-Benz India Pvt. Ltd. for the students of ADAM Course

I. _____ son/daughter of Shri/Smt _____
presently residing at _____

_____ solemnly affirm and say as follows:-

1. That my parents father Mr. _____ and mother Mrs. _____

2. That their combined annual income in the preceding year ending on 31st March 2017 is Rs. _____

as per details furnished in the Scheduled here under written, I also affirm that particulars of property held by me is as shown in the Schedule and that I have correctly indicated the amount on various taxes/cesses and land revenue paid by me. I make myself personally responsible for the accuracy of the facts and figures furnished

3. That the statements made in the foregoing paragraphs are true to my knowledge.

4. That I further undertake that in the event of the particulars given in this declaration being found false,

I shall refund to Mercedes-Benz India Pvt. Ltd., DOUBLE the amount of the scholarship to the said student and the ADAM Governing Council's decision on whether the declaration of particulars is false shall be final and binding on me.

Father's signature

Mother's Signature

Candidates Signature

Name

Name

Name

SCHEDULE

I Extent of Land held and Income

	(a) Independently as owner	(b) Jointly as owner	(c) Independently as tenant
(i) Area			
(ii) Village			
(iii) Survey No.			
(iv) Land revenue assessment			
(v) Annual Income	Rs.	Rs.	Rs.

II Property held and income (Houses, Shops, Buildings, House sites etc.)

- (a) House No. _____
 (b) Street/Road _____
 (c) Village/Town/City _____
 (d) Area of Site _____
 (e) Rent derived if any _____
 (f) House Tax Rs. _____
 (a) Sanitary cess or other Rs. _____
 (b) Net Annual Income Rs. _____

Whether the whole or part of land has been given out to tenants:. If 'yes' particulars. III Income from Shops:

- (i) Address of shop _____
 (ii) Nature of trade _____
 (iii) Sales Tax, Income Tax paid Rs. _____
 (iv) License No. _____
 (v) Annual Income Rs. _____

IV Salaries Drawn, by father and mother:

- (i) Name of the Employer _____
 (ii) Office/Unit in which working and designation _____
 (iii) Address of Office _____
 (iv)
 (a) Annual Basic Pay for 2015 without deduction of Income Tax Rs _____
 (Certificate from the employee/Income Tax Authority/Revenue Authority may be attached)
 (b) Special Pay/Bonus. Rs _____
 (c) Deputation allowance and honoraria including NCC honoraria.Rs _____
 (d) Total of (a), (b) and (c) Rs _____
 (e) Amount of contribution to Provident Fund Rs _____
 (f) Payments towards LIC/CTD Rs _____
 (g) Total of (e) and (f) Rs _____

- (h) Whether belonging to non-creamy layer : YES / NO _____
If Yes, attach certificate from employer. V Other benefits like house rent allowance, free house and other perquisites _____ VI Other source of Income :
- (i) Income from subsidiary industries part-time occupation Rs. _____
(ii) Amounts drawn as wages Rs. _____
(iii) Any other Income Rs. _____

VII Annual income of father/mother and of the Student's Income from any source Rs. _____

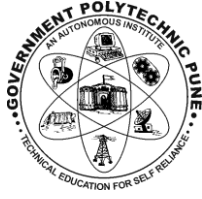
- (a) Annual Basic Pay for 2015 without deduction of Income Tax Rs _____
_____ (Certificate from the employee/Income Tax Authority/Revenue Authority may be attached)
- (b) Special Pay/Bonus. Rs _____
- (c) Deputation allowance and honoraria including NCC honoraria. Rs _____
- (d) Total of (a), (b) and (c) Rs _____
- (e) Amount of contribution to Provident Fund Rs _____
- (f) Payments towards LIC/CTD Rs _____
- (g) Total of (e) and (f) Rs _____

Signature of Parent/

Guardian of the Scholar

N.B.

1. Total income of the family should include income only of father & mother of the candidate and of no other members though they may be earning,
2. If father is dead, mother's income will be shown along with the income, if any, in the candidate own name from shares, property etc.
3. If both father and mother of the scholar are deceased, the income, if any, in the candidate's name only will be shown, and not the income of the guardian who may be supporting the candidate.
4. Income for the purpose of Means Test is defined as under:-
 - a. In the case of salaried class, basic pay plus income if any from other sources and would not include allowance like Dearness Allowance, City Compensatory Allowance etc.
 - b. In the case of income from source liable to income tax, income computed (after deduction for rebate able items) for the purpose of assessment of income tax, as per Income Tax Rules for the year.
 - c. In the case of income not liable to income tax, such as income from Agriculture, etc. the net income that is arrived at after deduction expenditure incurred for earning that income.



Automotive Mechatronics Centre
Estd. 2006
GOVERNMENT POLYTECHNIC, PUNE
 (An Autonomous Institute of Maharashtra Government)
 Savitribai Phule Pune University Road, Pune – 411 016



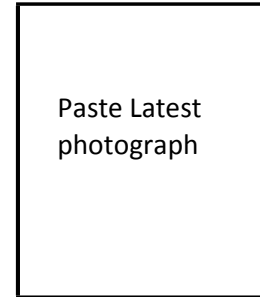
www.gppuneamc.org adamgpp2015@gmail.com

Phone: 020-25559244

Mercedes-Benz

Application form for “Admission to Advanced Diploma in
 Automotive Mechatronics ADAM” in Collaboration with “Mercedes- Benz India Pvt. Ltd.
 2017-18

Application Received on Date	
Registration No.	
Merit No.	
Admission Granted	YES / NO
Tuition Fees Receipt No	
Hostel Fees Receipt No.	
Remark if Any	



Name of Candidate: (IN BLOCK CAPITAL)	
Date of Birth	Dd/mm/yy-
Sex	Male / Female
Father's / Guardian Name	
Permanent Address	
Complete Mailing Address	
Mobile and Land line Nos.	Mobile No: Phone (R):
Email Address (all capital)	
Entrance Exam Centre	Ahmedabad Chennai Delhi Pune

Tick (v) the exam centre you want to appear for entrance test. The candidates are required to bring with them any one from: PAN Card, Driving License, Adhar or any other valid ID proof for entrance test. On email , the receipt of applications will be sent.on email.

Qualifying Examination Details:

Examination Passed	Board/ University	% of Marks Obtained	Year
Diploma in..... Engg			
Degree in..... Engg			

(Please enclose final year's copy of Mark Sheet OR Bonafied Certificate if appeared or appearing for final exams)

Industrial Experience Details:

Name of Industry	Address & Phone no. of Industry	Post	Experience (Yrs)

* **Note:** The downloaded and filled in application form along with a demand draft of Rs 500/- (non-refundable entrance examination fees) favoring “**Principal Government Polytechnic Pune CEP**” should be sent to “Principal, Government Polytechnic, University of Pune Road Pune, Maharashtra State, PIN - 411016”. Forms received without the above Demand Draft will be rejected. OR The filled in application form & D.D. may also be submitted at all centers of **Entrance Examination on the day of Entrance test i.e 18.8.2017 upto 1030Hrs.**

Declaration:

I hereby certify that the entries made by me in Application form are correct to the best of my knowledge and I have not concealed any information in any manner. I certify that I am not involved in any illegal activity and no criminal case is pending against me in any court of law. I understand that if at any stage, it is found that I have provided any wrong information to seek admission to the Institution, my admission shall stand cancelled automatically and I shall have no claim whatsoever, on the seat or the dues paid to Institution..I hereby declare that I have read and fully understood all the conditions above and freely agree to abide by them.

(Dated Signature of the Candidate)