Entrance examination Centre: R V College of Engineering, Mysore Road, Bengaluru - 560059
Note: The candidates should reach the respective test centres at least 30 minutes before the commencement of the test exam.

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Selected candidates have to produce testimonials for verification and pay the course fee in order to confirm the admission. The tuition fee Rs 1,00,000/- plus GST @ 18 % (Rs One lakh eighteen thousand only) should be paid through Demand Draft in favour of Principal, R.V. College of Engineering, Bengaluru.

For further information, contact:
Prof. Vivekanand S Gogi
Mob : 94496 24424, E-mail : vivekanands@rvce.edu.in

Dr. H. N. Narasimha Murthy
Mob: 99017 45089 E-mail : narasimhamurthyhn@rvce.edu.in

For Automotive Mechatronics, R V College of Engineering, Bengaluru (An Autonomous Institute Affiliated to VTU, Belagavi)

RVCE - Mercedes Benz Centre
for Automotive Mechatronics, R V College of Engineering, Bengaluru

ADVANCED COURSE IN AUTOMOTIVE MECHATRONICS
(A Programme in Collaboration with Mercedes-Benz India Pvt. Ltd.)

R V College of Engineering, established in 1963, offers 12 Undergraduate, 19 Postgraduate and Doctoral programmes. The college is located in a sprawling campus of 52 acres on Mysuru Road at 13 km from Bengaluru City. Reckoned as one of the best engineering colleges in India, the college provides excellent ambience for higher learning emphasizing training and skill development along with academics and research. The college has established excellent laboratory, workshop, computing and research facilities in collaboration with funding agencies and industries. RVCE - Bosch Rexroth Centre for Competence in Automation conducts proficiency courses and training in Hydraulics and Pneumatics and Automotive Mechatronics. The institution has established Centres of Excellence in Macroelectronics (under TEQIP) and Internet of Things (in association with CISCO). The institution has signed MoU with Florida International University-USA for joint academic and research collaboration. Placement is nearly 100% in most of the programmes with highly attractive offers.

About Mercedes-Benz

Mercedes-Benz is a leader in luxury car market with over 128 years of cutting edge innovation in the areas of Technology, Safety, Reliability, Comfort and Environment. The company owns world class brands such as Mercedes-Benz, AMG, FUSO, Smart, Maybach, Freightliner and Western Star. Established in 1994, Mercedes-Benz India Private Ltd. set up a world class production facility in 2009 with an independent assembly facility for passenger cars. The facility is among the fastest green-field operations ever to be created and is rated one amongst the top most plants of Mercedes-Benz, globally. Mercedes-Benz India’s strong focus on its four pillars of Products, Network, Cost of Ownership and Brand experiences has led the company’s growth story with a total of 94 outlets located in 56 Indian cities, making the densest brand network in the luxury car segment.

The German car manufacturer under the initiative of Indo-German chamber of commerce introduces ‘Advanced Course in Automotive Mechatronics’ in association with R V College of Engineering, Bengaluru. The prime reason for introducing the course is the scarcity of skilled automobile technicians considering modern cars with high end technology. Mercedes is involved in planning the course syllabus, development of modern electronics lab, car bay, aggregate training rooms equipped with Mercedes-Benz training cars, engines, transmissions, training of faculty and supply of tools & equipment to train students in-line with the rapidly growing luxury automotive sector not only in India but across the globe. The aim of the course is to produce qualified, industry-ready professionals to be recruited at dealerships of MBIL as well as other brands of automobiles, automotive manufacturing plants and also at automotive R & D centers.

*Please read the disclaimer.*
Relevance of Advanced Course in Automotive Mechatronics.

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, well qualified and skilled technical manpower is needed by all brands at dealerships as well as in the automobile industry all over the country.

Features of Industry-Academia collaboration to bring the best of both worlds:

- German technology meets Indian talents
- Intensive training
- State of the art facility provided by Mercedes Benz
- Hands-on on Xentry portal system
- Practical experiments on high end Mercedes Benz car
- Extensively trained faculty by Mercedes Benz India Pvt Ltd.
- Regular interaction with experts from Mercedes Benz to keep abreast of latest developments in industry

Course Content: The course content and methodology is derived in collaboration with Mercedes-Benz, India to suit the needs of the advances in Automotive Mechatronics. The course consists of following five modules:

i. Mechanical Module: Engine - Modern engines and their functions, Transmission, Chassis systems, Maintenance and Servicing of Modern Vehicles, Introduction to Workshop Information System (WIS), PDI & servicing - Preparation of work plan using maintenance checklist, Quality services...

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


v. Workshop Attachment Module: One week training at dealer’s workshop to perform a maintenance service activity and practice the various process of vehicle maintenance.