

# PLACEMENT BROCHURE

---

DEPARTMENT OF AUTOMOBILE ENGINEERING



**AMAL JYOTHI**  
**COLLEGE OF ENGINEERING**  
K A N J I R A P P A L L Y



# ABOUT THE DEPARTMENT

Established in 2009, the Department of Automobile Engineering of Amal Jyothi College of Engineering stands as one among the best in Kerala. The department is renowned for its world class facilities and industrial tie ups. It is equipped with lots of modern engines, cut sections and working models which bridge the gap between the industry and academia. It also enjoys a wide variety of modern technical equipment.

The department provides ambience where creativity and skill development flourish, producing talented engineers for the automobile sector. The tie ups with some of the frontiers in the automobile industry show the department's commitment to stay at par with the rapidly advancing automobile sector. We give much importance to extra-curricular activities also, aiming at the overall development of students and to make them fit for the corporate world.

Over the years, the department has taken initiative to send students to different prestigious institutes in India for short-term courses and competitions. Students have been able to interact with industrial personalities and eminent professors through these initiatives. The dept. has an intake of 60 students and every year we get higher ranked students in Kerala entrance exam, compared to the Automobile department in other colleges.

## FROM THE HoD's DESK



The yardstick for measuring the developments of a nation is the number of automobiles it produces. India is a developing country and its automobile sector is fast growing. Most of the Automobile major manufacturers have established their production units/assembly units in India. Even though there are occasional slumps in the automobile field, there is no doubt that Indian automotive sector is fast growing. The job market for qualified automobile engineers is also ever increasing. The University curriculum may not be in tune with the demands of the industry, but the Dept. of Automobile Engineering is ready with add-on courses to satisfy the demands. Courses on Automobile Electronics, Engines and Chassis design, Engine and Vehicle testing etc. are some of the programmes offered besides the already hot cake courses like CAD, CNC machine programming etc.

## VISION

"To be the numero uno in Automobile engineering such that the students are the best in India and the contributions and the entrepreneurial activities of the department, will be a game-changer in the Automotive Industry."

## MISSION

"To create professionals who contribute significantly to the design, re-design, research & development in the automotive industry along with their noteworthy contributions in developing the society through continuous learning - teaching methodology of the faculty."

## PROGRAMMES OFFERED

**B.Tech - Automobile Engineering**  
(4 Years with intake of 60 students)



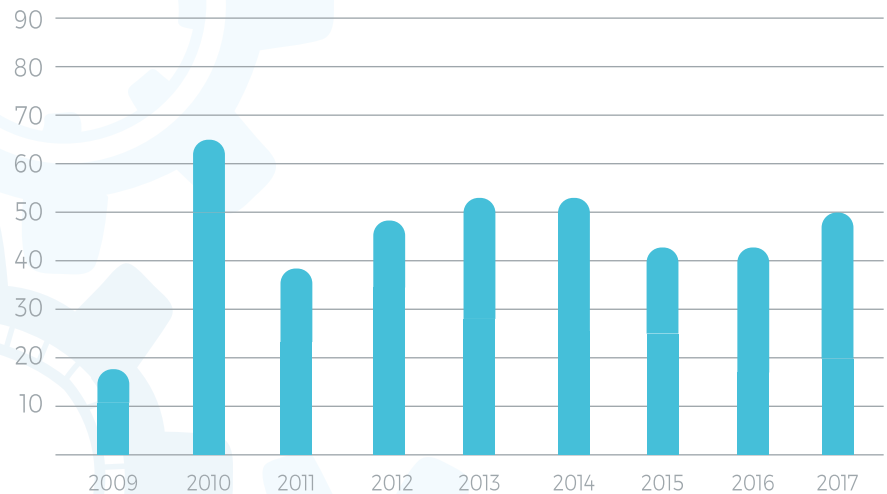
# WHY RECRUIT AT AMAL JYOTHI?



- **Industrial Collaboration with** Volvo-Eicher Commercial Vehicles Ltd
- Royal Enfield (Bikes), BOSCH (Automotive Systems), Yamaha (Bikes) etc. as part of Skill Development and Institutional Social Responsibility programmes.
- NeST (Optical Fiber Technology) and KEMPPI (Welding)
- 780 seats for B. Tech across nine streams, besides 330 seats for 11 Masters programmes, the highest intake in the State
- Technology Business Incubator, Startups Valley, a multi-core project of Govt. of India to create student entrepreneurs, promote small / medium scale industries, and to enhance value-added jobs and services.
- An Innovation and Entrepreneurship Development Centre (IEDC) of the DST, Govt. of India.
- Five-star rated Remote Centre of e-outreach program 'Ekalavya' of IIT, Bombay
- Top spot consistently since 2007 at national level engineering project contests -INFOCOM, Kolkata (5 times 1st position & 3 times 2nd) and TECHTOP, Trivandrum
- Amal Jyothi institute for Civil Services, mentored by top-rated civil servants, past and present.
- Association with Malayala Manorama as Technical Partner in the prestigious Yuva MasterMind project contest, since 2011
- Eduroam connectivity - enabled first engineering college in India.
- Annual international conference AICERA

- Foreign students on ICCR Scholarship
- Exclusive aptitude training and personality development programmes
- Membership in professional bodies like IEEE, ISTE, ISBA, CSI, ECS, IIPE, ICI, IICHe, SAE, IIM, KMA, NIQR and IEI etc.
- Unique courses on CAD, CATIA, STAAD, PRIMAVERA, Heavy Duty Automobile Technology, CNC Vertical Machine, Non-Destructive Testing, NI Labview Academy, Red hat Certifications.
- Wi-Fi campus with 610 Mbps internet connectivity
- Consistent academic track record with university ranks
- Excellent placements; Placement Cell in each department
- High-Profile, experienced and dedicated Faculty
- Intensive GATE coaching by in-house trainers and classes for CAT/ MAT and Bank tests.

## ADMISSION STATISTICS



## ALUMNI DETAILS





# TRAINING CENTERS



## CNC Training center

Manufacturing trend has made a quantum leap from conventional methods towards CNC from conventional methods. Industry is in great need of professionals with knowledge in CNC programming. This training center will make one familiar with process, manual programming, computer-assisted programming and product machining.



## Academy of CAD

CADD center setup on the campus exposes students to the various computer aided design software like Auto CAD, CATIA etc. The training helps them a lot in their final year projects. CAD training will surely give an edge over the others in employment selection process.

## INDUSTRY - SPONSORED LABORATORIES



Two Wheeler  
Technology Training Centre by  
Royal Enfield Ltd



**BOSCH**

Diesel Workshop and  
Auto Electrical Workshop by  
Bosch India Ltd



Fully equipped Heavy Vehicle  
Technology lab by Volvo-Eicher  
Commercial Vehicles Ltd



Defence zone by  
Indian Air Force & Indian Navy



Center by JK Tyres



Center by Yamaha Motor Company

## CURRICULUM LABORATORIES



Automotive Electrical and  
Electronics Lab



Vehicle Systems Lab



Fuels and Lubricants Lab



Vehicle Reconditioning Lab



Advanced Machine Tools Lab



Heat Engines Lab





# MEMORANDUM OF UNDERSTANDING



## Amal Jyothi College of Engineering - Eicher Center for Automotive technology

Amal Jyothi College of Engineering has signed up an MoU with the globally renowned VE Commercial Vehicles Ltd. and has started a center for automotive technology on Amal Jyothi campus in 2015. The center is offering a highly job-oriented skill development course. The course is recognized by Automotive Skill Development Council (ASDC)

## AJCE - BOSCH Joint Certification Center

Amal Jyothi College of Engineering has signed up an MoU with the world's leading automotive parts manufacturer, BOSCH Ltd. and has started a center on Amal Jyothi campus in 2016. The center is offering a highly job-oriented skill development course. This center offers certified training in automotive electrical and electronic systems and modern diesel systems.



## Royal Enfield Training Cell

Amal Jyothi signed up an MoU with the world's leading two wheeler manufacturer, Royal Enfield in 2017. A training center is established in Amal Jyothi campus and an exclusive trainer from Royal Enfield is available to provide training.



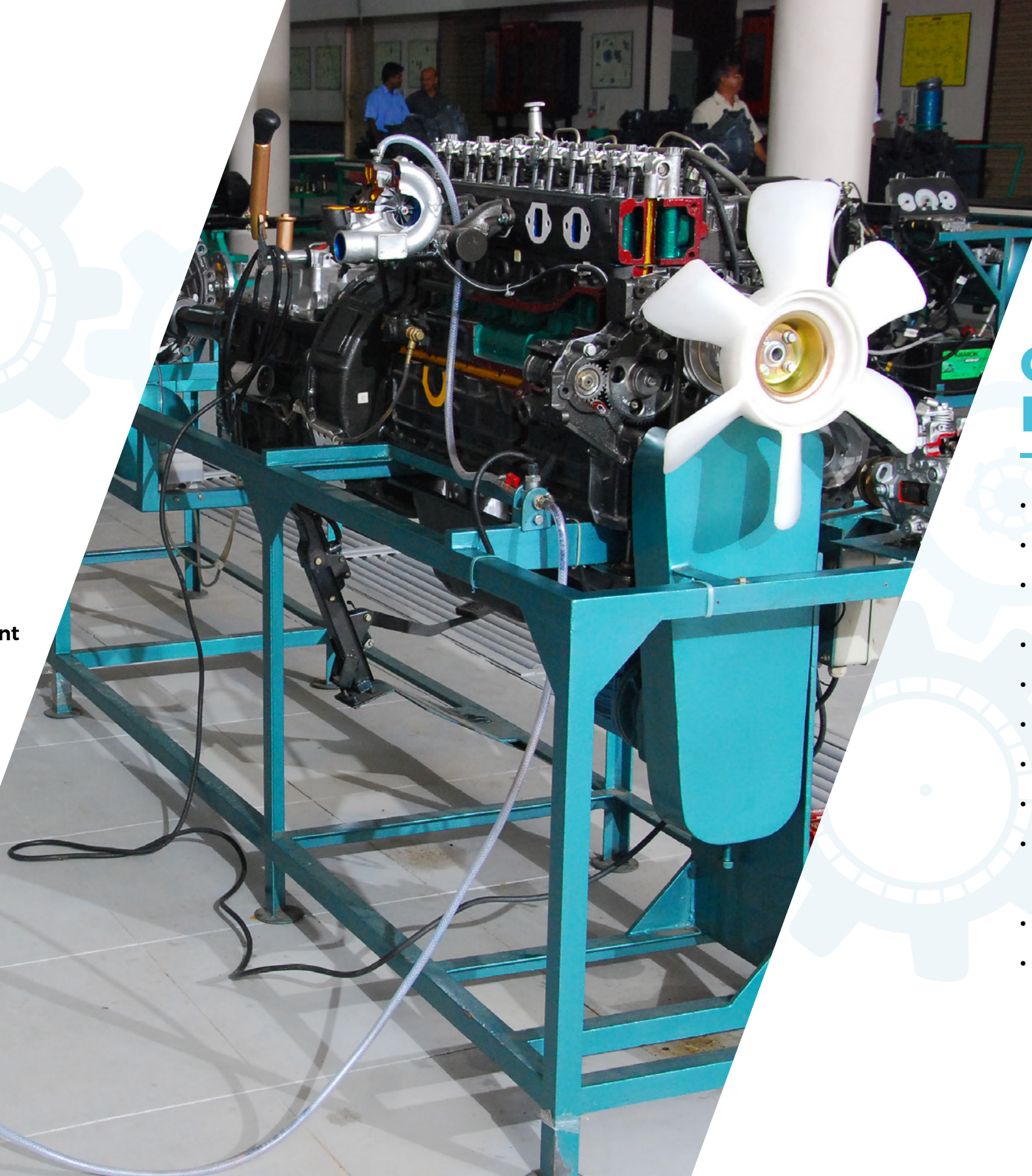
## INDUSTRY TRAINING UNDERGONE BY THE STUDENTS

- TATA Motors
- Toyota Kirloskar Motors Ltd.
- Jaguar Range Rover Ltd.
- Vision Honda
- Kerala Automobiles Ltd.
- EVM Nissan
- PSN Motors
- EVM Scania
- Volkswagen
- Royal Enfield
- TVS Mahindra
- TVS Renault
- KSRTC



## ADD-ON COURSES

- Eicher Heavy Duty Vehicle Technology
- AutoCAD
- CATIA
- CNC Programming & CNC Machining
- BOSCH Electrical and Electronic diagnostics
- BOSCH Automotive Electrical
- BOSCH Basic Diesel System Management
- BOSCH Common Rail System Diagnosis in Cars



## OTHER HIGHLIGHTS

- Academy of CAD
- CNC Training Center
- Techz - in Lab (Cut Section / Working Model Laboratory)
- 3D Printing Laboratory
- Dismantling lab
- Department library
- SAE Collegiate Club
- Amal Jyothi Driving Academy
- Regular Industrial Training / Visit to automobile giants like TATA Motors, Toyota Kirloskar Motors etc.
- GIAN / NPTEL courses.
- Amal Jyothi Automobile Association



# CONTACT US

---

**Prof. Sherin Sam Jose**

Head, Department of Automobile Engineering  
Amal Jyothi College of Engineering  
Kanjirappally, Koovappally P.O.  
Kottayam Dt., Kerala  
India. PIN - 686518

Ph. No.: **+ 91 4828 305626, + 91 903777885,**  
**+ 91 9496805712**

Email ID: **sherinsamjose@amaljyothi.ac.in**  
**placement.aue@amaljyothi.ac.in**

