

HOLY GRACE
POLYTECHNIC COLLEGE
DEPARTMENT OF AUTOMOBILE
ENGINEERING

AUTO

PULSE

VOLUME 9 | JUNE 2026

ELECTRIFICATION • DIAGNOSTICS •

CAREERS

2026
MOBILITY
IN FOCUS

JANUARY – JUNE 2026

THIS ISSUE

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THE AUTOMOBILE ENGINEER OF TOMORROW

VISION

A casting spread for Volume 9

To generate value for students and other stakeholders in Automobile Engineering by consistently working towards the overall development of students, attaining an all-round in academic excellence, and promoting professional skills, social responsibilities and co-curricular activities.

MISSION

M1: To ensure significant engagement in automobile engineering by imparting contemporary knowledge to students.

M2: To develop industry ready students by knowing the present needs of Automotive sector.

M3: Promote social responsibility and cultivate entrepreneurial skills within the automobile industry.

EDITOR'S MESSAGE

The June 2026 issue brings together professional development, career awareness and the rapid movement toward electric mobility. From the EV and battery technology FDP to career programmes and industry-facing talks, the year's activities show how automobile education can connect classroom learning with the changing vehicle ecosystem.



AUTO PULSE • VOLUME 9 • JUNE 2026
DEPARTMENT OF AUTOMOBILE ENGINEERING • HOLY GRACE POLYTECHNIC COLLEGE

LEARNING THAT MOVES WITH THE INDUSTRY



09.01.2026

CAREER PROSPECTS IN ENGINEERING EDUCATION AWARENESS PROGRAMME

Resource person: Dr. Prasanth Krishna • Principal, HGAE

The awareness programme focused on career prospects in engineering education and the opportunities available to students as they plan their academic and professional pathways. The programme connected higher education choices with long-term professional development.

13–14.03.2026

FDP: ELECTRIC VEHICLES AND BATTERY TECHNOLOGY FACULTY DEVELOPMENT PROGRAMME

Resource person: Prasab Sankar • Lecturer in Automobile Engineering, St. Marys Polytechnic, Palakkad

The two-day FDP placed electric vehicles and battery technology at the centre of professional learning. The programme supported updated understanding of EV systems and battery technology—key areas for contemporary automobile engineering education and service practice.

23.03.2026

ONE DAY WORKSHOP ON EV-VR PRESENTATION AND CAREER GUIDANCE

WORKSHOP

Resource person: Aswani Sreekumar • Project Manager, Techmaghi

The workshop combined EV-VR presentation with career guidance, giving students exposure to emerging EV learning tools while also connecting technology awareness with career planning.

24.03.2026

CAREER GUIDANCE PROGRAMME EXPERT TALK

Resource person: Sunil C V • Popular Hyundai

The expert talk brought an automotive-industry perspective into the campus, helping students understand workplace expectations, career pathways and the skills needed for employment in the vehicle service and automotive sector.

JANUARY – JUNE 2026 HIGHLIGHTS

19 JAN 2026

CAREER GUIDANCE & PLACEMENT TRAINING

The reference newsletter records a Career Guidance and Placement Training Programme conducted in collaboration with CMAS Technologies, designed to build essential skills and provide industry insights.

22 MAR 2026

MARATHON'26

The institution organized Marathon'26 on 22 March 2026, bringing students, faculty and staff together around fitness, endurance, unity and community spirit.

26 MAR 2026

MERIT DAY

Merit Day was held on 26 March 2026 at the MBA Seminar Hall. The programme recognized class toppers and highlighted perseverance, discipline and innovation.

19 MAY 2026

SPARK X SUMMER CAMP

The SPARK X Summer Camp on 19 May 2026 provided hands-on exposure to emerging technologies through interactive sessions, workshops and demonstrations, emphasizing experiential learning and practical application.

19 JUN 2026

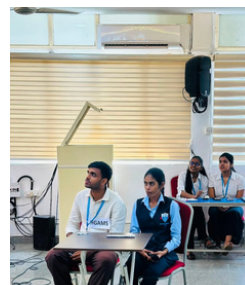
READING DAY CELEBRATION

Holy Grace Group of Institutions observed Reading Day on 19 June 2026, commemorating P. N. Panicker and highlighting the value of books and reading in shaping minds and society.

21 JUN 2026

INTERNATIONAL YOGA DAY

The institution celebrated International Yoga Day on 21 June 2026, bringing students and faculty together to promote health, harmony, mindfulness and physical well-being.



INDIA'S AUTOMOTIVE LANDSCAPE

JAN 2026	EV SALES START 2026 AT A HIGHER LEVEL India's electric passenger-car market recorded 18,042 units in January 2026, up 51% year on year, according to Autocar India based on industry data. The report described it as the segment's third-best monthly performance to that point.
MAR 2026	Q4 FY2025–26 PASSENGER VEHICLE SALES SIAM reported 4,42,460 passenger vehicles sold domestically in March 2026. For January–March 2026, passenger-vehicle sales stood at 13,16,282 units, while two-wheeler sales reached 57,73,137 units.
JAN–MAY 2026	e VITARA BUILDS MARUTI'S EV PRESENCE Autocar India reported that Maruti Suzuki sold 4,365 EVs between January and May 2026, placing the company fourth among electric passenger-vehicle brands by volume during that period. The e Vitara was the company's first EV in India.
JUNE 2026	ELECTRIC CAR SALES CROSS 30,000 UNITS IN A MONTH Autocar India reported 31,253 electric cars sold in June 2026, more than double June 2025 and the first time monthly electric-car sales crossed 30,000 units. Tata Motors and Mahindra were among the major contributors to the growth.
JUNE 2026	JUNE AUTO MARKET MAINTAINS MOMENTUM SIAM reported June 2026 domestic sales of 3,88,144 passenger vehicles, 18,51,400 two-wheelers and 77,951 three-wheelers. For Q1 FY2026–27, passenger vehicles reached 1.27 million units and two-wheelers 5.63 million units.

ELECTRIC VEHICLES & BATTERY TECHNOLOGY



BATTERY PACK

Cells → modules → pack; thermal management; enclosure; safety monitoring

BMS

Voltage, current and temperature monitoring; state estimation; protection and balancing

SERVICE SAFETY

High-voltage isolation; safe procedures; diagnostic equipment; controlled workshop practice

WHAT STUDENTS CAN TAKE TO THE WORKSHOP

- Understand EV architecture before attempting diagnosis.
- Treat high-voltage systems as safety-critical equipment.
- Use appropriate scan/diagnostic tools and follow service procedures.
- Link battery, BMS, motor, inverter and charging-system concepts.
- Keep learning as EV platforms and diagnostic methods evolve.