

# AUTO 'PULSE'

AUTOMOBILE ENGINEERING NEWSLETTER

DECEMBER 2024



**LEARN**  
FOUNDATIONS  
FOR TOMORROW



**PRACTICE**  
SKILLS  
IN ACTION



**INNOVATE**  
IDEAS  
IN MOTION



**GROW**  
TOWARDS  
A BETTER TOMORROW

DEPARTMENT OF  
AUTOMOBILE ENGINEERING

VEHICLES  
TECHNOLOGIES  
PEOPLE  
A SUSTAINABLE  
TOMORROW

DRIVING  
INNOVATION  
FOR A  
BRIGHTER  
TOMORROW



## VISION

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

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.

# FACULTY DEVELOPMENT PROGRAMME

## ASSESSMENT AND EVALUATION IN OUTCOME BASED EDUCATION

The Department of Automobile Engineering conducted a two-day Faculty Development Programme on 08 and 09 November 2024 on the theme “Assessment and Evaluation in OBE.” The programme focused on strengthening faculty understanding of outcome-based education and the assessment processes associated with it.

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| <b>DATE</b>            | 08/11/2024 & 09/11/2024                                                                |
| <b>FDP TOPIC</b>       | Assessment and evaluation in OBE                                                       |
| <b>RESOURCE PERSON</b> | Dr. Vikas Rai Bhatnagar • Chief Executive Officer, Hyperspace Action Research Services |
| <b>DURATION</b>        | 2 Days                                                                                 |

### WHY OBE MATTERS

Outcome-based education connects teaching, learning outcomes and assessment. For an engineering department, clear assessment practices help faculty monitor whether students are developing the intended knowledge, skills and professional capabilities.

The programme formed part of the department’s continuing effort to strengthen academic practices and align classroom assessment with clearly defined outcomes. The event also complements the outcome-based academic framework used in course planning, CO mapping and programme-level assessment.



# TECH FEST 2024

AUTOMOBILE ENGINEERING • 02–03 DECEMBER 2024

The Automobile Engineering Department featured a four-event Tech Fest programme during 02 and 03 December 2024. The activities brought a distinctly automotive focus to the student calendar and provided a platform for technical engagement, participation and healthy competition.

## AUTO QUIZ

02.12.2024

A technical quiz event conducted as part of Tech Fest.

## ENGINE MASTER

02.12.2024

A technical activity under the Tech Fest programme.

## PRO DRIVER

02.12.2024 & 03.12.2024

A two-day Tech Fest activity with an automobile-focused theme.

## PITSTOP

02.12.2024 & 03.12.2024

A two-day activity included in the Tech Fest programme.



# CAMPUS & DEPARTMENT HIGHLIGHTS

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## INDEPENDENCE DAY

15 August 2024

Holy Grace Polytechnic College marked Independence Day with flag hoisting, the national anthem, patriotic speeches and cultural reflections, emphasizing unity, responsibility, discipline and integrity.

## ONAM CELEBRATION

12–13 September 2024

The Holy Grace Group of Institutions celebrated Onam through Pookkalam, traditional music and dance, Onam Sadhya, Thiruvathira, folk songs and games, bringing students and staff together in a spirit of harmony.

## ENGINEERS' DAY

26 September 2024

The institution's Engineers' Day programme highlighted the contribution of engineers and included technical competitions that encouraged creativity, problem-solving, teamwork and technical participation.