



MAKING A DIFFERENCE

Holy Grace Polytechnic College

(Approved by AICTE | Affiliated to SBTE)

MECHANICAL ENGINEERING NEWSLETTER

2025-26



Vision of the Department

To be a center of excellence in mechanical engineering education, producing skilled, innovative, and socially responsible professionals who contribute to sustainable development and the growth of industry and society.

Mission of the Department

M1: To provide quality mechanical engineering education by integrating modern technologies, hands-on training, and industry practices.

M2: To create a culture of innovation, leadership, and environmental responsibility so as to prepare students for real world challenges

M3: Encourage sustainable practices and entrepreneurship to enable students to make a positive impact on society.

FACULTY DEVELOPMENT PROGRAMME PARTICIPATION

AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on

"Progressive Safety Engineering Strategies in Manufacturing and Industrial Applications"

organized by St. Mary's Polytechnic College from 22 September 2025 to 27 September 2025.



NAVEEN LAZAR K
HOD



SREEJITH
P S
Sr.Lecturer



CHRISTON
ANTONY
Lecturer



AGNIVESH
KUMAR P S
Lecturer



MUHAMMED
AMEEN T A
Lecturer

The six-day FDP was conducted under the prestigious **AICTE ATAL** Academy initiative with the objective of enhancing faculty competence in the field of **industrial safety, advanced manufacturing practices, and contemporary engineering applications**. The programme featured expert sessions by academicians and industry professionals covering topics such as occupational safety, risk assessment, hazard identification, industrial safety standards, accident prevention, sustainable manufacturing practices, and emerging safety technologies.

Participation in this FDP provided valuable insights into modern safety engineering methodologies and their practical applications in manufacturing industries. The programme also offered an excellent platform for academic interaction, knowledge sharing, and professional networking with faculty members from various technical institutions across the country.

The knowledge and skills acquired through this FDP will contribute to enriching classroom teaching, strengthening laboratory practices, promoting industry-oriented learning, and fostering a culture of safety awareness among engineering students. The institution congratulates **Mr. Naveen Lazar K, Mr. Sreejith P S, Mr. Christon Antony, Mr. Agnivesh Kumar P S, Mr. Muhammed Ameen T A**, on this achievement and appreciates his commitment to continuous professional development and academic excellence.

ONE DAY WORKSHOP

EV VR PRESENTATION & CAREER GUIDANCE



The Department of Mechanical Engineering conducted a one-day workshop on “EV VR Presentation and Career Guidance” to create awareness among students about the rapidly evolving electric vehicle industry. The session was handled by Ms. Aswini Sreekumar, Project Manager at Techmaghi, who shared her expertise and valuable insights on the latest developments in EV technology.

All the Mechanical Engineering students attended the workshop and gained a clear understanding of electric vehicles, their working principles, and the emerging opportunities in this field. The session also highlighted the importance of innovation, sustainability, and skill development in shaping future careers in the automotive sector.

The workshop was highly interactive and informative, encouraging students to explore new possibilities in EV design, manufacturing, and related technologies. It also helped them understand the growing demand for skilled professionals in the electric mobility industry. The Department expressed its sincere appreciation to Ms. Aswini Sreekumar for delivering an engaging and insightful session that motivated students to broaden their career aspirations.



PROJECT EXPO

Mechanical Department Students of Holy Grace Polytechnic College Secure First Prize at Project Expo Zercuit 3.0 – 2026



The Department of Mechanical Engineering, Holy Grace Polytechnic College, proudly celebrates the outstanding achievement of its final-year students, who secured the First Position at Project Expo Zercuit 3.0 – 2026, organized by Sreerama Government Polytechnic College, Thriprayar.

This remarkable accomplishment reflects the students' hard work, dedication, and innovative thinking, as well as the continuous guidance and support provided by the faculty of the Department of Mechanical Engineering.

Holy Grace Polytechnic College congratulates the students and faculty mentors on this prestigious achievement and wishes them continued success in their future academic and professional endeavors.

Mechanical Engineering Students Win Second Prize at State-Level Technical Project Expo



The students showcased their innovative project titled "Multipurpose Agricultural Machine," which was highly appreciated by the judges for its practical utility, innovative design, and potential to address the challenges faced by agricultural sector.

Holy Grace Polytechnic College extends its heartfelt congratulations to the student team and faculty mentors for this outstanding achievement and wishes them continued success in their future academic and professional pursuits.

Mechanical Engineering Students Secure Fourth Position at State-Level Project Expo



The Department of Mechanical Engineering, Holy Grace Polytechnic College, is proud to announce that our second year students secured the Fourth Position at the State-Level Project Expo held at Providence College of Engineering, Alappuzha.

Holy Grace Polytechnic College congratulates the student team and faculty mentors on this commendable accomplishment and wishes them continued success in future academic, research, and technological endeavors.

GAMES AND EVENTS



Final Year Mechanical Engineering Students Crowned Interclass Tug of War Champions

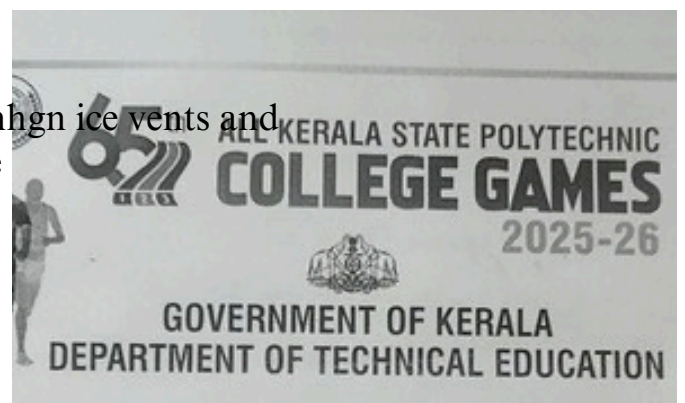
The final-year Mechanical Engineering students of Holy Grace Polytechnic College emerged as the Champions in the Interclass Tug of War Competition.

The Department of Mechanical Engineering proudly congratulates the champion team for this remarkable achievement, which reflects their unity, discipline, and sportsmanship beyond the classroom.

Holy Grace Students at All Kerala State Polytechnic Games

Holy Grace Polytechnic College students participated in the All Kerala State Polytechnic College Games 2025-26, where they won several prizes.

The Department of Mechanical Engineering proudly congratulates its outstanding



students for their performances in different events.



The Department of Mechanical Engineering proudly conducted at Nirmala Institute of Engineering and Technology, Meloor, Chalakudy. The students of Holy Grace Polytechnic College enthusiastically participated in various technical events alongside participants from numerous institutions.

Holy Grace Students Excel at Intercollegiate Technical Event

Students from Holy Grace Polytechnic College enthusiastically participated in various technical events alongside participants from numerous institutions.

EDITORIAL TEAM



ANANTHAPADMANABHAN V V
S6 ME
CHIEF EDITOR



ALJO V S
S6 ME
SUB EDITOR



ANEESH P K
S6 ME
CONTENT EDITOR



ABHINAV P S
S6 ME
CREATIVE EDITOR



AFSAL FAZIL
S4 ME
SUB EDITOR



GEORGE RENJU MOOLAYIL
S4 ME
CONTENT EDITOR



MOHAMMED RISHAN
S4 ME
CREATIVE EDITOR



DENIL JOSEPH
S4 ME
TECHNICAL EDITOR



ABDUL RAHMAN T
S2 ME
CONTENT EDITOR



ALAN FRANCIS
S2 ME
CREATIVE EDITOR



ABHINAND ANIL
S2 ME
TECHNICAL EDITOR

THE END