

INSPIRATHON 2025-26 – CARPE DIEM '26

Final Year Project Expo Report

Inspirathon 2025-26 – Carpe Diem '26, the Final Year Project Expo, was successfully organized with the objective of encouraging innovation, creativity, problem-solving, and sustainable technological development among students. The expo provided a common platform for final-year students to present their innovative projects aligned with real-world challenges and the United Nations Sustainable Development Goals (SDGs).

A total of 107 innovative projects were presented by students from various departments including Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Mechanical Engineering (MECH), Information Science and Engineering (ISE), and Artificial Intelligence & Machine Learning (AIML). The event showcased interdisciplinary solutions in the fields of Artificial Intelligence, IoT, Embedded Systems, Cloud Computing, Web Development, Automation, Renewable Energy, Smart Systems, and Sustainable Technologies.

The projects were evaluated by industry experts, faculty members, and technical professionals based on innovation, technical implementation, practical impact, sustainability, and social relevance. The expo created an opportunity for students to demonstrate their technical knowledge, teamwork, creativity, and problem-solving capabilities.

The inauguration ceremony was graced by Mr. G. Muralibabu, Promoter & Director of Micro-Tech Group of Companies, as the Chief Guest. In his address, he appreciated the students for their innovative thinking and encouraged them to focus on solving real-world problems through technology and sustainable solutions. He highlighted the importance of innovation, practical learning, entrepreneurship, and industry readiness for future engineers. He also motivated students to continuously upgrade their skills and create projects that can contribute positively to society and the nation.

Evaluators Panel

The projects were evaluated by a distinguished panel of industry experts and professionals from reputed organizations. The evaluators included Mr. Pradeep T, Software Engineer from Oracle Corporation; Mr. Yukendhiran E, Senior Software Engineer from Titan Engineering & Automation Ltd.; Mr. Thiagarajan A, Trainer and Project Developer from Innovative Engineering Products; Mr. M. Kokanna Srinivasan, Sr. Support Engineer from V4U IT Solutions; Mr. Bharath VM, Deputy Manager – HR from CK Airtech India Pvt Ltd; Mr. ELSDEN CHRISTOBER A, Associate Engineer from PwC AC India; and Mr. Ranjeet Kumar, Team Lead from izmo Ltd. The evaluators appreciated the students for presenting innovative ideas with practical implementation and social impact.

SDG Participation Summary

The event witnessed active participation from students across multiple Sustainable Development Goals (SDGs). A total of 5 teams presented projects under SDG 02 – Zero Hunger, while 12 teams worked on projects related to SDG 03 – Good Health and Well-Being. Around 8 teams presented innovative ideas under SDG 04 – Quality Education, and 5 teams contributed projects for SDG 06 – Clean Water and Sanitation.

Under SDG 07 – Affordable and Clean Energy, 10 teams showcased their projects, while SDG 08 – Decent Work and Economic Growth received the highest participation with 14 teams. SDG 09 – Industry, Innovation and Infrastructure had 10 participating teams, and SDG 10 – Reduced Inequalities included 8 teams.

Similarly, 10 teams worked on SDG 11 – Sustainable Cities and Communities, while 8 teams contributed under SDG 12 – Responsible Consumption and Production. SDG 13 – Climate Action had 4 participating teams, SDG 14 – Life Below Water had 1 team, SDG 15 – Life on Land included 5 teams, and SDG 16 – Peace, Justice and Strong Institutions had 6 teams.

SDG Wise Winning Projects

SDG	Team Lead	Project Title
SDG 02 – Zero Hunger	Samvidha S	Plant Disease Detection Powered by Deep Learning
SDG 03 – Good Health and Well-Being	Bhavana R	IoT Based Virtual Doctor Robot
SDG 04 – Quality Education	Thrivikram G	AR/VR Video Call
SDG 06 – Clean Water and Sanitation	Vidhyashree V S	Arpan Aqua - Smart Residential water quality detection system
SDG 07 – Affordable and Clean Energy	H Tejaswini	Hybrid Solar Wind Power Generation System for Rural
SDG 08 – Decent Work and Economic Growth	Naveen Rajan M	LLMOS (YUKI AI) Windows Automation
SDG 09 – Industry, Innovation and Infrastructure	Vishwas	Cloud-Enabled Industrial Hazard Detection System
SDG 10 – Reduced Inequalities	Yashwanth Reddy A	Smart Blind Stick
SDG 11 – Sustainable Cities and Communities	Bishnu Priya	Smart Railway Barricade
SDG 12 – Responsible Consumption and Production	Shreyanka Y H	An IoT Based Semi-Automation Technology for E-Waste Technology
SDG 13 – Climate Action	Adithya M M	EcoVate – A Carbon Offsetting Marketplace
SDG 14 – Life Below Water	Bhoomika A	Design of an Embedded System for an Integrated Underwater Communication and Detection

SDG 15 – Life on Land	Adarsh N S	A Novel Approach to Classify Mango Leaf Diseases Using CNN Algorithm
SDG 16 – Peace, Justice and Strong Institutions	Deepak M	IoT Enabled Smartphone Theft Detection System

Inspirathon 2025–26 – Carpe Diem '26 successfully encouraged students to think beyond academics and develop solutions that contribute toward society, sustainability, and technological advancement. The expo reflected the institution's commitment toward innovation, experiential learning, entrepreneurship, and industry-oriented education.









We express our sincere gratitude to the Management, Dr. Sai Prakash LeoMuthu, Chairman & CEO, Dr. Arun Kumar R, COO, Dr. B. Shadaksharappa, Principal, all faculty coordinators, evaluators, staff members, and students for their valuable support and contribution toward the successful organization of Inspirathon 2025-26 – Carpe Diem '26. We also extend our heartfelt thanks to the Chief Guest, Mr. G. Muralibabu, Promoter & Director of Micro-Tech Group of Companies, for inspiring the students with his motivating words and encouragement. The event became a grand success through the collective effort, enthusiasm, innovation, and teamwork of everyone involved.

Harish Babu L
SLMIC Co-ordinator