



# Gopalan College of Engineering and Management

(An ISO 9001:2015 Certified Institution)

Approved by All India Council for Technical Education (AICTE), New Delhi  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi,

Karnataka

Recognised by Govt. of Karnataka



## Department of Computer Science and Engineering

**Event Name:** Project Exhibition AAVISHKAR 2K25

**Chief Patron:** Dr. C Prabhakar, General Secretary

**Patron:** Dr. ArunVikas Singh, Principal

**Convener:** Dr Manoj Challa, Vice-Principal

**Co-convener:** Dr. Swathi Y, HOD, Dept of CSE

**Jury Members:** Dr. Shivanna D M  
Co-Founder, ARRS Inovtech PVT LTD

Mr. S H Nishanth  
AI/BI Developer/Data Engineer  
RARE CREW(RAPIDD Technolgies)

**Faculty Co-coordinators:** Prof. Vinay G  
Dr. Subrahmanya H M

**Date & Time:** 17<sup>th</sup> May 2025, 9.00am to 12:30pm

**Venue:** 4<sup>th</sup> Floor, Seminar Hall, CSE, GCEM

**Boucher:**



## Introduction:

On 17<sup>th</sup> May 2025, The Department of Computer Science and Engineering at Gopalan College of Engineering and Management conducted Final Year Project Exhibition “AAVISHKAR 2K25”.

A total of 17 teams (65 students) enthusiastically showcased their innovative and impactful projects a testament to their months of dedication, creativity, and collaboration.

Our sincere gratitude to the esteemed Jury Members – **Dr. Shivanna D.M** and **Mr. Nishanth Haryharan** for their time and expert evaluation. Their insights helped identify the Top 3 Projects, which were recognized and awarded for their excellence.

## List of Teams

### AAVISHKAR-2025

Project Team formation and Title Registration			
Project Batch No	USN	Name	Project Title
1	IGD21CS051	Sindhu M	Malware detection in Android apps using machine learning algorithms and multiple linear regression model
	IGD21CS015	Stefi Oliver	
	IGD21CS020	MAHESHWARI LS	
2	IGD21CS058	Tarun DS	A Swin Transformer-Based Approach for Motorcycle Helmet Detection
	IGD21CS031	N Likhith Patel	
	IGD21CS019	Vishnu Teja	
	IGD21CS041	Raghootham K	
3	IGD21CS036	NISHANTH JN	Detection of Locomotive Signal Lights and Pedestrians on Railway Tracks Using YOLO
	IGD21CS037	POOJITH L	
	IGD21CS039	PRASANNA KUMAR N	
	IGD21CS040	RROSHAN	
4	IGD21CS001	Abhishek Prasanth	Real Time Door Unlocking System using Facial Biometrics based on IoT and Python
	IGD21CS014	J Kevanth	
	IGD21CS018	Konduru Likhita	
	IGD21CS034	Niraj Rajesh Neelama	
5	IGD21CS022	Madan R	Prediction of Public Mental Health by using Machine Learning Algorithms
	IGD21CS017	K R Disha	
	IGD21CS033	Nihal	
	IGD21CS007	Chilakala Surya Praka	
6	IGD21CS038	Poreddy Harishsai V	Incorporating Meteorological Data and Pesticide Information to Forecast Crop Yields Using Machine Learning
	IGD21CS028	Mohan Kumar C	
	IGD21CS030	N Gaurav Gowda	
	IGD22CS402	Neeraj L Y Naik	
7	IGD21CS008	Dasari Sindhu	Stress level detection using machine learning and deep
	IGD21CS024	Meghana P	
	IGD21CS042	Rakshitha G	

	IGD21CS060	Vidhya L	learning
8	IGD21CS029	MOUNIKA M	GRU Based AI for online harassment detection: A step towards safer social media
	IGD21CS057	SWAPNA K	
	IGD22CS400	CHAITRALI JOGADE	
	IGD22CS403	NEERAJA B N	
9	IGD21CS044	RAKSHITHAN	Machine Learning and Deep Learning for Advancing Healthcare and Fine-Grained Elderly Heterogeneity Activity Recognition
	IGD22CS405	SPOORTHIN	
	IGD22CS404	RAKSHITHAM	
	IGD22CS401	MANIKANTA R K	
10	IGD21CS032	Nafisha B	Detection of Money Laundering in crypto currencies
	IGD21CS035	Nisarga D K	
	IGD21CS046	S Sona	
	IGD21CS061	Vidhya Shree V	
	IGD21CS005	BS JANANI	
11	IGD21CS047	SAMEEKSHA	Critic Care: Smarter Wellness for Domestic Animals
	IGD21CS048	SHAZIYA	
	IGD21CS059	VARSHAM	
12	IGD21CS043	Rakshitha HL	Evaluating Self Supervised Speech Representation for speech emotion recognition
	IGD21CS052	Sivani S	
	IGD21CS054	Snigdha Jananayagi	
	IGD21CS055	Sonu G S	
13	IGD21CS002	Anjali	FNet-Detect: Optimized Neural Network for Fake News Detection.
	IGD21CS023	Mannam Kavya Swar	
	IGD21CS053	Sneha Basavaraj raja	
	IGD21CS049	Shivani	
14	IGD21CS004	Athulya vijayan	AI based mock interview platform
	IGD21CS011	Gopika AP	
	IGD21CS016	Jisna Joseph	
15	IGD21CS009	G VARSHA	Explainable Deepfake Detection using Deep Learning
	IGD21CS006	Vamsi Krishna Reddy	
	IGD21CS012	Harsha Vardhan K	
16	IGD21CS056	Suraj	L.I.M.A (Leveraging Interaction Metrics for Anomaly Detection)
	IGD21CS063	Nash Vardhan	
	IGD21CS026	Mohammad Afzal F	
	IGD21CS045	Ravanth reddy	
17	IGD21CS062	VINAY KUMAR	Road accident detection and prediction system
	IGD21CS021	M PRITHAM	
	IGD21CS010	GAURAV BHARTI	
	IGD21CS027	MD ALI	



## Gallery:





### Winners:

Prize	Name	Project Title
<b>First Prize</b>	Abhishek Prasanth	Real Time Door Unlocking System using Facial Biometrics based on IoT and Python
	J Revanth	
	Konduru Likhita	
	Niraj Rajesh Neelama	
<b>Second Prize</b>	B S Janani	Critter Care: Smarter Wellness for Domestic Animals
	Sameeksha	
	Shaziya	
	Varsha M	
<b>Consolation Prize</b>	Nishanth J N	Detection of Locomotive Signal Lights and Pedestrians on Railway Tracks Using YOLO
	Poojith L	
	Prasanna Kumar N	
	R Roshan	

*Y. Swathi*

**HOD**

*A. Singh*

**PRINCIPAL**