 GCEM	<p align="center">Gopalan College of Engineering and Management (ISO 9001:2015 certified) Approved by All India Council for Technical Education (AICTE) , New Delhi Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka Recognized by Govt. of Karnataka</p>
Address: 181/1, 182/1, Sonnenahalli, Hoodi, K.R.Puram, Whitefield, Bangalore, Karnataka - 560 048	
Phone No: (080) - 42229748 Email: gcem@gopalancolleges.com Website: www.gopalancolleges.com/gcem	

Department of Computer Science and Engineering

Event Name: InnoVision_Mini Project Exhibition

Chief Patron: Dr. C Prabhakar, General Secretary

Patron: Dr. ArunVikas Singh, Principal

Co-Patron: Dr Manoj Challa, Vice-Principal

Convener: Dr. Swathi Y, HOD, Dept of CSE

Date & Time: 23rd December 2024, 9.00am to 12:30pm

Venue: 4th Floor, Seminar Hall, CSE and 3rd Floor Drawing Hall, ISE

Boucher:





Gopalan College of Engineering and Management
Department of Computer Science & Engineering
Department of Information Science & Engineering

InnoVision: Mini Project Exhibition

DATE
 23rd Dec, 2024

TIME
 9 AM to 12.30 PM

VENUE (CSE)
 4th Floor
 Seminar Hall

VENUE (ISE)
 3rd Floor
 Drawing Hall



Introduction:

On 23rd December 2024, The Department of Computer Science and Engineering at Gopalan College of Engineering and Management conducted 'InnoVision: Mini Project Exhibition', an extracurricular initiative for 2nd-year CSE & ISE students with an impressive turnout of **65 Teams**, this project exhibition focused on developing Problem-solving and programming skills beyond the regular curriculum.

List of Teams - CSE

Team No	USN	Name	Name of the mini project
1	1GD23CS064	Mohith S	SYSTEM BACKUP TOOL
	1GD23CS110	Tejas B R	
	1GD23CS009	Ambrish R	
2	1GD23CS068	NAVYA SHREE S	BASIC STOP WATCH
	1GD23CS049	KAVYASHREE PONNURANGAM	
	1GD23CS039	JAHNAVI N	
3	1GD23CS081	PRIYA R P	Customer Billing System
	1GD23CS098	SHREEKA K	
	1GD23CS083	R GAMBHEER	
3	1GD23CS081	PRIYA R P	ATM-TRANSACTION
	1GD23CS098	SHREEKA K	
	1GD23CS083	R GAMBHEER	
4	1GD23CS069	NEHA HEGDE	BASIC TEXT EDITOR
	1GD23CS101	SINCHANA ARUNKUMAR PADMASHREE	
	1GD23CS117	VENNELA G	
5	1GD23CS051	KONDAPALLI SIRISHA	Student record management system - to be used by a student to store and retrieve his own details
	1GD23CS093	SAKSHI SHARMA	
	1GD23CS124	Y P THANUSHA	
6	1GD23CS020	CHANDANA D	Travel Planner using Graph
	1GD23CS065	MONALISHA NAYAK	
	1GD23CS099	SHREEYA R	
7	1GD23CS037	HARSHITHA B A	Hospital Management System Using C Program
	1GD23CS050	KEERTHI K P	
	1GD23CS054	KUSUMA TP	
8	1GD23CS107	SUGAIN AHAMED A	CODE COMPILER
	1GD23CS108	SUNNY KUMAR SHARMA	
	1GD23CS116	VARUN M L	
8	1GD23CS107	SUGAIN AHAMED A	CURRENCY CONVERTER
	1GD23CS108	SUNNY KUMAR SHARMA	
	1GD23CS116	VARUN M L	
9	1GD23CS076	PEDHIREDDYGARI YAGNA PRIYA	DYNAMIC MEMORY TOOLS
	1GD23CS084	RACHANA M	
	1GD23CS115	V SUSHMA	
10	1GD23CS091	RUPA SHREE H V	PROCESS COMMUNICATION
	1GD23CS113	UJWALA T S	
	1GD23CS122	VISHAKHA SATISH PANCHGALLE	
10	1GD23CS091	RUPA SHREE H V	Develop a basic discord application.
	1GD23CS113	UJWALA T S	
	1GD23CS122	VISHAKHA SATISH PANCHGALLE	
11	1GD23CS038	HIMANI SADANALA	SMART STREET LIGHT
	1GD23CS120	VINAY S	
	1GD23CS121	VINAYAKA V	
12	1GD23CS112	THIRUPATHI AVINASH	SIMPLE FILE EXPLORER
	1GD23CS118	venu M	
	1GD23CS119	VIJAY KUMAR K L	
13	1GD23CS059	MADHUSHALINI	DEADLOCKS PREVENTION
	1GD23CS067	MOUNIKA D G	

	DIP	Mallika	
14	1GD23CS052	KRESHIKA M	Banking Management system
	1GD23CS077	PONNARASI	
	1GD23CS085	RAJINI K R	
15	1GD23CS029	DIVYA D K	Smart Attendance System
	1GD23CS030	DIVYASHREE C	
	1GD23CS040	JANANI B M	
16	1GD23CS034	HARINI S	IMPLEMENTATION OF SYSTEM CALLS
	1GD23CS087	RAKSHITHA M (D/o MANJUNATH B)	
	1GD23CS102	SINDHU K N	
17	1GD23CS044	K S BHAVANA	Building a Phone Book
	1GD23CS066	MONITHA LOKESH K	
	1GD23CS086	RAKSHITHA M (D/o Muniyappa B M)	
18	1GD23CS092	SAHANA N REDDY	Exam Seating Arrangement System
	1GD23CS100	SHUBHASHREE S V	
	1GD23CS104	SOUJANYA	
19	1GD23CS088	RANJITA J B	Building a Simple Calculator
	1GD23CS089	RITHIKA B	
	1GD24CS404	Keerthana	
20	1GD23CS105	SPURTHI G	Library Management System - You can add books, members, issue books, using java
	1GD24CS405	Kumari N	
	1GD24CS401	Chandushree D S	
21	1GD23CS016	C S PAVAN KUMAR	SJF SCHEDULING ALGORITHM
	1GD23CS018	CHALLA JANAKI RAM REDDY	
	1GD23CS031	DIVYASHREE R M	
22	1GD23CS043	K HARSHINI PRIYA	COPY ON WRITE
	1GD23CS045	K TARUNISRI REDDY	
	1GD23CS114	V SANJAY	
23	1GD23CS006	AISHWARYA R S	SYSTEM MONITORING
	1GD23CS015	BINDHUSHREE M	
	1GD23CS057	M VIVEK	
24	1GD23CS074	P MOHAN	CPU SCHEDULING ALGORITHM-FCFS
	1GD23CS075	PAVAN S	
	1GD23CS126	YOGESH SHANKAR	
25	1GD23CS033	GAGANA C	Students Grade checker
	1GD23CS070	NITHELAN JAYAKUMAR	
	1GD23CS094	SAKTHI MAGESWARI V	
25	1GD23CS033	GAGANA C	PROCESS SYNCHRONIZATION
	1GD23CS070	NITHELAN JAYAKUMAR	
	1GD23CS094	SAKTHI MAGESWARI V	
26	1GD23CS002	ABDUL SHUAIB	PARKING MANAGEMENT SYSTEM
	1GD23CS003	ABHISHEK MANNATHARAJ	
	1GD23CS028	DEVADHAR S MURTHY	
27	1GD23CS013	AYUSHMAN KUMAR	SCAN DISK SCHEDULING
	1GD23CS035	HARSHIT RAJ	
	1GD23CS073	OM PRAKASH SAHOO	
28	1GD23CS017	CHALLA HIMASREE	ROUND ROBIN SCHEDULING ALGORITHM
	1GD23CS048	KAVYA SHANMUKHAPPA	
	1GD23CS111	THANISHASRI S S	
29	1GD23CS010	ANGEL BEULAH K	DEAD LOCKS DETECTION
	1GD23CS063	MARIA ANUSHKA S	
	1GD23CS014	B BRUNDA	
30	1GD23CS025	CHITRA V GOWDA	Library Management System
	1GD23CS012	ANUSHREE M N	
	1GD23CS001	A S PALLAVI	
31	1GD23CS011	ANUSHA S	Stocks Forecasting
	1GD23CS125	YOGESH	
	1GD23CS123	VIVEK SURYAMANI KASHYAP	
32	1GD23CS080	PRINCE KUMAR	AUTOMATED BRIGHTNESS ADJUSTER
	1GD23CS024	CHIRANJEEVI A	
	1GD23CS024	CHIRANJEEVI A	

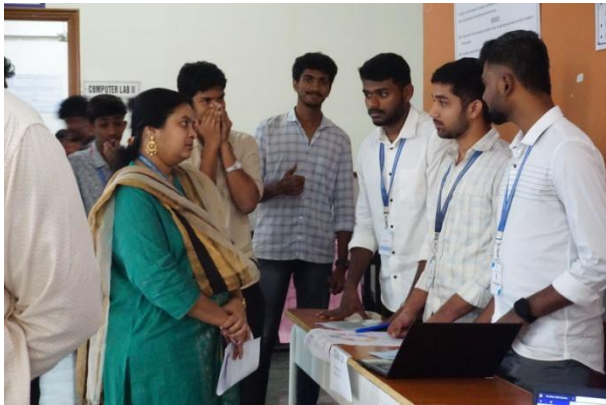
33	1GD23CS109	TARUN KUMAR PATHAK	Build a quiz application that presents questions to the user, records their answers, and displays the score at the end.
	1GD23CS023	CHETAN G M	
	1GD23CS005	ADITHYA D H	
33	1GD23CS109	TARUN KUMAR PATHAK	TASK SCHEDULER
	1GD23CS023	CHETAN G M	
	1GD23CS005	ADITHYA D H	
34	1GD23CS008	AKSHAY ADAKA	MEMORY MANAGEMENT STRATEGIES
	1GD23CS036	HARSHITH H R	
	1GD24CS409	SUPRIYA U	
35	1GD23CS004	ABHISHEK R	VIRTUAL MEMORY MANAGEMENT
	1GD23CS021	CHANDRA PRAKASH V	
	1GD23CS026	DARSHAN A	
36	1GD23CS053	KRUTHIN H	POWER MANAGEMENT
	1GD23CS056	M M BHARATH	
	1GD23CS082	PUNITH T N	
37	1GD23CS060	MADHUVATHI KL	To- Do List
	1GD23CS042	JYESHT M	
	1GD23CS046	KARTHIK V C	
38	1GD23CS032	FAYAZ	CUSTOM CLI
	1GD23CS058	MADDELA TARUN	
	1GD24CS407	RAJESH	
39	1GD23CS079	PREETHI JANGIR	Employee Management System
	1GD23CS072	NITHIN S	
	1GD23CS078	PRAJWAL PATIL	
41	1GD23CS106	SRUJAN H R	Process Scheduling Simulation
	1GD23CS125	YOGESH S	
	1GD23CS090	RUHAN	
42	1GD23CS007	AKASH	PRIORITY CPU SCHEDULING ALGORITHM
	1GD23CS022	CHEERVANI K	
	1GD23CS041	JIYA DEBBARMA	
43	1GD23CS027	DEEPAK V P	REAL TIME OS(RTOS)
	1GD23CS047	KAVYA S	
44	1GD23CS061	MALLIKARJUN	BASIC FILE COMPRESSION
	1GD23CS062	MANOJ	
	1GD24CS402	DIXIT	
45	1GD24CS403	Girish	CPU SCHEDULING ALGORITHM(FCFS)
	1GD24CS400	Bhuvan	
	1GD24CS408	Shivanad	

List of Teams – ISE

Team No	USN	Name of the mini project
Team 1	Vansh Gupta (1GD23IS061)	Restaurant Management System
	Likith DT (1GD23IS026)	
	Mohan Reddy J(1GD23IS030)	
Team 2	Prathiksha D (1GD23IS039)	Java application for Student IA marks management
	Sri Vaishanvi S (1GD23IS053)	
	Priyanka Suresh (1GD23IS043)	
Team 3	Sai Prasad (1GD23IS022)	Develop a self-checkout medicine purchasing system that allows customers to independently purchase over-the-counter (OTC) medicines and other health products. The system will automate the process of scanning products, calculating the total cost, and processing payments, similar to self-service checkout kiosks found in retail stores.
	Parthasarathy (1GD23IS035)	
	Shivakumar A(1GD23IS050)	
Team 4	Aleena Harold Peter (1GD23IS006)	cgpa sgpa calculator
	Bhabina Babu(1GD23IS010)	
	Dhanushiya S(1GD23IS015)	
Team 5	Nijikal Pranitha(1GD23IS032)	Create a console-based application to manage bank accounts. Features could include creating accounts, depositing and withdrawing money, checking balances, and transferring funds between accounts.
	Meenu . GS(1GD23IS028)	
	B. Vaishnavi(1GD23IS009)	
Team 6	Meghana A(1GD23IS029)	To build a tool that can encrypt and decrypt files using a

	Deepa c k(1GD23IS013)	specified encryption algorithm, providing security for sensitive data.
	Aishwarya D S(1GD23IS002)	
Team 7	Dhanushree V M(1GD23IS016)	Develop a basic chat application that allows two users to send messages to each other. This can be implemented using Java sockets for network communication.
	Deepthi N (1GD23IS014)	
	Ajay M N(1GD23IS003)	
Team 8	Akhila (1GD23IS005)	Design and computer architecture: Design a GUI with minimum number of instructions, so that it can do the all combinations of arithmetic and logic operations with truth table and cicuiot diagram..
	Thanya(1GD23IS057)	
	Syeda (1GD23IS056)	
Team 9	Ramya Victoria.E	REPRESENTATION OF BOOLEAN EXPRESSION INTO TRUTH TABLE AND LOGIC GATES USING PYTHON, TURTLE AND GUI
	Prathiksha.J	
	Disha.L	
Team 10	Rohit(1GD23IS034)	BASIC FILE SYSTEM
	Ranjith(1GD23IS045)	
	Hari kumar	
Team 11	Kishore.V(1GD23IS024)	Create a digital system that displays patterns or characters on an LED matrix display
	Vedant(1GD23IS033)	
	Narun(31)	
Team 12	Srinivas S(1GD23IS054)	Plagiarism Detection System
	Divya (1GD23IS018)	
	Sahana(1GD23IS048)	
Team13	Sirigiri.maheesha(1GD23IS052)	Develop a Timetable Creator Program that automates the process of generating a weekly timetable for educational institutions. The program should take input data such as subjects, teachers, classrooms, and available time slots, and produce a conflict-free timetable that meets all specified constraints and requirements.
	Arbiya sultana(1GD23IS007)	
	lakshitha(1GD23IS025)	
Team 14	Bindhu Shree.K.R (1GD23ISO12)	OS DEBUGGING
	Thejaswini.M (1GD23ISO58)	
	Usharani.R (1GD23IS060)	
Team15	Prathiksha.N(1GD23IS040)	Library Management System
	Hamsa(1GD23IS019)	
	Shivani(1GD23IS051)	
Team 16	Priya M(1GD23IS042)	Problem Statement: Develop a Java application that provides personalized land management plans for farmers based on their specific conditions. The tool should include recommendations for crop rotation, cover cropping, pest management, and conservation agriculture practices.
	Uma P(1GD23IS059)	
	Poojitha.S (1GD23IS037)	
Team 17	Samarth Neelawani (1GD23IS049)	Real-Time OS
	Sagar R (1GD23IS0 47)	
	Suesh K (1GD23IS055)	
Team 18	Vinyas (1GD23IS063)	Bookshop Management Using Java Mysql
	Pavan 1GD23IS036	
	Aditiya (1GD23IS001)	
Team 19	S.A.Sahil(1GD23IS046)	Develop an application that tracks users' health metrics, such as weight, steps, calories, and exercise routines. The app can provide recommendations based on user data and goals.
	Keerthan.R(1GD23IS023)	
	Manoj.V(1GD23IS027)	
Team 20	Bhargav bhat(1GD23IS011)	Theater Seat Reservation System to automate and streamline the reservation process, improving the overall customer experience and operational efficiency. The system should allow customers to view seat availability, select and reserve seats, and manage their bookings online.
	Pratham.H.G(1GD23IS038)	

Gallery:





CSE_Winners:

	Team No	Name and USN
First Prize	11	ABDUL SHUAIB (1GD23CS002)
		ABHISHEK MANNATHARAJ (1GD23CS003)
		DEVADHAR S MURTHY (1GD23CS028)
Second Prize	26	HIMANI SADANALA (1GD23CS038)
		VINAY S (1GD23CS120)
		VINAYAKA V (1GD23CS121)
Third Prize	24	P MOHAN (1GD23CS074)
		PAVAN S (1GD23CS075)
		YOGESH SHANKAR (1GD23CS126)
Fourth Prize	38	FAYAZ (1GD23CS032)
		MADDELA TARUN (1GD23CS058)
		RAJESH (1GD24CS407)

ISE_Winners:

	Team No	Name and USN
First Prize	19	S.A.Sahil (1GD23IS046)
		Keerthan.R (1GD23IS023)
		Manoj.V (1GD23IS027)
Second Prize	11	Kishore.V (1GD23IS024)
		Vedant (1GD23IS033)
		Narun (1GD23IS031)
Third Prize	03	Sai Prasad (1GD23IS022)
		Parthasarathy (1GD23IS035)
		Shivakumar A(1GD23IS050)