



**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU – 560109**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Report on**

**“Project Exhibition & Competition - 2024”**

<b>Semester:</b>	8 <sup>th</sup> Semester
<b>Event Type:</b>	Contest
<b>Venue:</b>	K. S. Institute of Technology
<b>Event Name:</b>	Project Exhibition & Competition –2024
<b>Chief Guest</b>	Mr. Mahantesh Kolhar
<b>Date</b>	30/04/2024
<b>No. of Students:</b>	129
<b>Online link/Offline:</b>	Offline

### **Event Objectives**

- Showcasing student’s potential based on their technical literacy.
- Understanding working of a software/Hardware life cycle through practical implementation.
- Making the students industry ready.

### **Description of the Event**

A Project Exhibition & Competition was organized for 8<sup>th</sup>-semester students on 30<sup>th</sup> May 2024. The program began with the inauguration function graced by Sri.R. Rajagopal Naidu, President, Kammavari Sangham, Sri. R. Leela Shankar Rao, Hon. Secretary, Kammavari Sangham, Sri.T. Neerajakshulu Naidu, Treasurer, KammavariSangham, and Presided the chief guest Mr. Mahantesh Kolhar, Project Manager, Universal Electronics, Dr. Dilip Kumar K, Principal / Director, KSIT, Dr. Rekha B Venkatapur, Prof & HoD-CSE.

Chandra Sekhar Kambham, senior engineer at Huawei Technologies India and Dr. Ramakrishna M, professor & Head of department, CSE at Vemana Institute of Technology, Bangaluru were the judges. Prof. Roopesh Kumar. B.N, Associate Professor, Prof. Raghavendrachar S, Associate Professor, of the Department of CSE were the coordinators. There were 129 Participants from 8<sup>th</sup> semester CSE. A total of 33 batches demonstrated the projects to the Judges.

Photos:

**Project Exhibition & Competition (30-04-2024)**





























## The list of Projects Demonstrated during the Exhibition

Sl. No	Batch No	Team Members	USN	Guide Alloted	Project Title
1	2023_CSE_01	Ashrit Madhav Vadiraj	1KS20CS116	Mr.Prashanth H S	Smart Unusual Event Detection Using Low Resolution Camera for Enhanced Security
2		Deepak S	1KS20CS117		
3		Ajay Girish	1KS20CS120		
4		Saksham Singh	1KS20CS121		
5	2023_CSE_02	Ananya Patil	1KS20CS004	Mr.Raghavendrchar S	Computer Aided Diagnosis of Pancreatic Tumor based on CT Images
6		Jahnavi P	1KS20CS041		
7		Jnanesh A S	1KS20CS043		
8		Kushal K	1KS20CS047		
9	2023_CSE_03	Anirudha K K	1KS20CS005	Mr.Roopesh Kumar B N	Automated Reporting and Dashboards for Cloud Security Audits using AI and ML
10		Dhanush Y	1KS20CS021		
11		Dhanvin C Bhargav	1KS20CS022		
12		H A Sankeerthan	1KS20CS036		
13	2023_CSE_04	N Keerthana	1KS20CS058	Mr.Kumar K	Sugarcane Disease Detection using Deep Learning
14		Sahana R	1KS20CS086		
15		Shilpa M	1KS20CS091		
16		Vanadana N	1KS20CS108		
17	2023_CSE_05	Rakshitha P	1KS20CS081	Mr.Roopesh Kumar B N	SHOONYA: Quality-Assured Ration Distribution for a Stronger,Inclusive Society
18		S Sai Shankari	1KS20CS083		
19		Vandana N	1KS20CS109		
20		Y Jhansi	1KS20CS114		
21	2023_CSE_06	Dhanya Sharanya Shree R	1KS20CS023	Dr.Rekha B Venkatapur	Kaanunu Neravu
22		Ganashree G M	1KS20CS030		
23		Ganashree K	1KS20CS031		
24		Nuthanapati Devitha	1KS20CS066		

Sl. No	Batch No	Team Members	USN	Guide Alloted	Project Title
25	2023_CSE_07	Raghavi C S	1KS20CS079	Mr.Laxmikantha K	A Hybrid Deep Learning Framework for Early Diagnosis of Alzheimer's Disease
26		Shshwatha H M	1KS20CS090		
27		Spoorthy N	1KS20CS096		
28	2023_CSE_08	Najeeb Muthaheed Arin Ul Haq	1KS20CS059	Dr.Prashanth H S	Galactical Image detection and Identification
29		R Kushal Sai	1KS20CS078		
30		Rakshith C Mahaladkar	1KS20CS080		
31		Talib Mukthar Choda	1KS20CS101		
32	2023_CSE_09	Moniesh S	1KS20CS56	Mr.Somasekhar T	Machine Learning based intrusion Detection
33		Monika N	1KS20CS057		
34		Pavithra R	1KS20CS073		
35		Sindhura H	1KS20CS093		
36	2023_CSE_10	Divakar M	1KS20CS024	Mrs.Kavya M S	HYDROGUARD-Intelligent Hydration for a Smart Life
37		Pavan Kumar S	1KS20CS070		
38		Prajwal Naik U	1KS20CS077		
39		Mohammed Taha	1KS20CS115		
40	2023_CSE_11	Parvashree H M	1KS20CS067	Mr.Sanjoy Das	Music Recommendation System based on Emotion Detection Using Image Preccessing and Deep Networks
41		Poonam	1KS20CS075		
42		Srishti Srivastava	1KS20CS097		
43		Sushma Srikanta Kurandwad	1KS20CS099		
44	2023_CSE_12	Pavan M	1KS20CS071	Mrs.Pallavi R	Yoga Posture Estimation & Correction
45		Pavan P	1KS20CS072		
46		Shravya M R	1KS20CS092		
47		Vikas Kashyap	1KS20CS111		
48	2023_CSE_13	Vaishnavi M	1KS20CS107	Mr.Harshavardhan J R	Vitamin Defeciency Detection
49		K R Sahana	1KS20CS118		
50		Sneha A S	1KS20CS119		
51		Sanjana G	1KS20CS123		



Sl. No	Batch No	Team Members	USN	Guide Alloted	Project Title
52	2023_CSE_14	Narasimha N	1KS20CS061	Mr.Krishna Gudi	Interpretable Rule Mining for Real-Time ECG Anomaly Detection in IoT Edge Sensors
53		Pradhyumna K	1KS20CS076		
54		Saahil D	1KS20CS084		
55		Trupthi G B	1KS20CS104		
56	2023_CSE_15	Sanket Ganapati Hegde	1KS20CS088	Mr.Kumar K	Speech Recognition using Machine Learning
57		Shashikanth N G	1KS20CS089		
58		Vishal N Korabu	1KS20CS112		
59		VummaneniCharan	1KS20CS113		
60	2023_CSE_16	Namratha R	1KS20CS060	Mr.Prashanth H S	Fruit Classification and Quality assessment for Precision Agriculture
61		Nirmitha N	1KS20CS064		
62		Thanusha K	1KS20CS103		
63		Ravivamshi D N	1KS20CS122		
64	2023_CSE_17	Honoksharathna B	1KS20CS039	Dr. Sunita Chalageri	Beyond the Booth
65		Hrithika S	1KS20CS040		
66		Parvathy P S	1KS20CS068		
67		Vibhav Kaushik V	1KS20CS110		
68	2023_CSE_18	Aaqib Bashir	1KS20CS002	Mrs.Pallavi R	E-Vault for Legal Records Using Blockchain
69		Ankita Choudhary	1KS20CS006		
70		Goel Ananya Devendra	1KS20CS033		
71		Manish Pikhan	1KS20CS052		
72	2023_CSE_19	Archit Ganapati Avadhani	1KS20CS011	Dr.Kusuma T	Multi-model Medical Image Fusion Based on Two-Scale Image Decomposition
73		Basavesh V L	1KS20CS013		
74		Bhuvan N Gowda	1KS20CS015		
75		H A Trishala	1KS20CS037		
76	2023_CSE_20	Chethan S	1KS20CS019	Mrs.Shruthi T S	Blockchain Revolutionizing Agriculture Supply Chain
77		Darshan M S	1KS20CS020		

Sl. No	Batch No	Team Members	USN	Guide Alloted	Project Title
78		M Santhosh Kumar M Hampanna	1KS20CS049		
79	2023_CSE_21	Bhumika MahadevappaUmachagi	1KS20CS014	Mr.Krishna Gudi	Gesture Controlled Virtual Mouse
80		Edimudi Abhinaya	1KS20CS026		
81		Guru Kashyap N S	1KS20CS034		
82		Guru Kiran S	1KS20CS035		
83	2023_CSE_22	Chaitra R	1KS20CS018	Mrs.Pallavi K N	Colloqui AI Transformer: A New Era for Higher Education
84		Jeevan	1KS20CS042		
85		Kavitha R	1KS20CS045		
86		Kavya R	1KS20CS046		
87	2023_CSE_23	Anushree G M	1KS20CS008	Mrs.G Ramanjinamma	College Chatbot
88		Mandara K S	1KS20CS051		
89		Manisha G N	1KS20CS053		
90		Pavithra A S	1KS21CS401		
91	2023_CSE_24	Brunda B	1KS20CS017	Mr.Somasekhar T	Visualization of Air Quality Prediction with mixed Gas Analysis using ML
92		Divya V Chikkamath	1KS20CS025		
93		Gagana C L Naik	1KS20CS028		
94		Gagana R	1KS20CS029		
95	2023_CSE_25	Anupriya C	1KS20CS007	Ms.Namyapriya D	FoodieFinds Tailoring Local Dining Experience through Videos
96		Apeksha M	1KS20CS010		
97		G Sanjana Raju	1KS20CS027		
98		Harhitha B R	1KS20CS038		
99	2023_CSE_26	Sanjeev Kulakami	1KS21CS403	Mr.Sanjoy Das	SciExploreAR
100		Suhas R	1KS21CS405		
101		Vaishnavi S Sharma	1KS21CS406		
102		Vidhya J	1KS21CS407		
103	2023_CSE_27	A Akash	1KS20CS001	Dr.Prashanth H S	Image Text to Speech Conversion in desired Language
104		B Jaidev	1KS20CS012		
105		Girish G	1KS20CS032		

Sl. No	Batch No	Team Members	USN	Guide Alloted	Project Title
106		Jonna Dileep	1KS20CS044		
107	2023_CSE_28	Pavan C	1KS20CS069	Dr. R Senkamalavalli	Restoration of Obscured Images
108		Sameer Kulkarni	1KS20CS087		
109		Sudeep D M	1KS20CS098		
110		Tahreem Imad Pasha	1KS20CS100		
111	2023_CSE_29	Nidhi K V	1KS20CS063	Mrs.Swapna Subash Banasode	Cyberbullying Detection on Social Media
112		Sabhareesh Balaji P	1KS20CS085		
113		Tanvi Kamath	1KS20CS102		
114		Tushar S	1KS20CS105		
115	2023_CSE_30	Anand V S	1KS20CS003	Mr.Raghavendrachar S	AI Powered E-Learning Website
116		Anushree H	1KS20CS009		
117		Manjunath R	1KS20CS054		
118	2023_CSE_31	Tejswini	1KS20CS016	Mrs.Rashmi H	SignExplainer: A1-Enabled Sign Language Recognition
119		Monica C S	1KS20CS055		
120		Neha Reddy S	1KS20CS062		
121		S Poomachandra	1KS21CS402		
122	2023_CSE_32	N Nithesh Kumar	1KS20CS065	Mr.Abhilash L Bhat	Age Invariant Face Recognition using Convolutional Neural Network
123		Y Poojitha	1KS20CS074		
124		Siripi Reddy Thulasi	1KS20CS094		
125		V Aravind	1KS20CS106		
126	2023_CSE_33	Lisha Nidhi A M	1KS20CS048	Mr.Kushal Kumar B N	Enhancing and Securing Internet of Things by Virtue of a Machine Learning Enabled Intrusion Detection System
127		Mahim Akhawat	1KS20CS050		
128		Roshan Kumar B	1KS20CS082		
129		Skanda Swaroopa B V	1KS20CS095		

## Project Exhibition & Competition - Winners

Batch No	Name	USN	Guide	Title of the Project
<b>2023_CSE_21</b>	Edimudi Abhinaya	1KS20CS026	Mr. Krishna Gudi	Gesture Controlled Virtual Mouse
	Guru Kashyap N S	1KS20CS034		
	Guru Kiran S	1KS20CS035		



## Project Exhibition & Competition - Runners-up

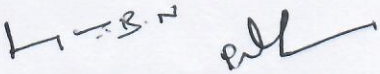
Batch No	Name	USN	Guide	Title of the Project
<b>2023_CSE_01</b>	Ashrit Madhav Vadiraj	1KS20CS116	Mr. Prashanth H S	Smart Unusual Event Detection Using Low Resolution Camera for Enhanced Security
	Deepak S	1KS20CS117		
	Ajay Girish	1KS20CS120		



## Project Exhibition & Competition Outcome

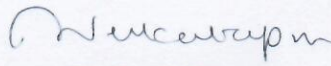
The students got the opportunity to demonstrate their projects and got the inputs from the Judges to enhance their skills and improvise their projects.

Technical talk	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Research Paper Writing and Ethics	3	3	3	3	3	3	3	3	3	3	3	3

  
**Project Coordinators**

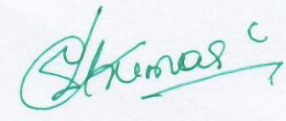
(Prof. Roopesh Kumar B N)

(Prof. Raghavendrachar S)

  
**HoD-CSE**

(Dr. REKHA B VENKATAPUR)

Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

  
**Principal**

(Dr. DILIP KUMAR K)

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
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