



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Project Exhibition 2025

Date of Conduction: 5th December 2025

Venue: Department of ECE, KSIT

Time: 8:30 am to 2:00 pm

Duration: One day

Sponsoring Bodies / Associating Organization: KSIT

1. Expert Details Name: Dr. Ashwini S Savanth

Designation: Associate Professor

Organization: BNM Institute of Technology, Bengaluru

Brief Profile about the Expert: Dr. Ashwini S. Savanth is an Associate Professor in the Department of Electronics and Communication Engineering at BNMIT, Bengaluru. With an illustrious academic career spanning over 19 years, Dr. Ashwini is known for her deep expertise in Digital Signal Processing, Image and Pattern Recognition, Machine Learning, and Deep Learning. Her responsibilities have ranged from IQAC Coordinator, Project Coordinator, Editor of the Department Newsletter, and organizer of numerous academic programs and conferences. Dr. Ashwini has an impressive research portfolio with numerous publications in reputed international journals and IEEE conferences. Her work spans neuroimaging, computer vision, safety systems, assistive technologies, and applications of artificial intelligence. She has successfully completed several funded projects under NewGen IEDC and industry collaborations, working on solutions in speech technology, anomaly detection, women's safety, Alzheimer's care, and intelligent music systems.

2. Expert Details Name: Mr. Venkatesh M V

Designation: Senior Project Manager

Organization: Vantiva Technology, Bengaluru

Brief Profile about the Expert: Venkatesh MV a senior technology leader with extensive experience in program management, embedded software, and end-to-end delivery of broadband and video device solutions - career spans the semiconductor, embedded systems, and technology services domains, giving deep insight into connected-home ecosystems, consumer electronics, and telecom solutions. With nearly two decades of expertise across product development, system integration, and customer delivery, led complex programs involving Android, Linux, and RDK-based video products, as well as broadband gateways built on OpenWrt and prpl. In my current role as a Senior Program Manager with Vantiva, I oversees full-cycle delivery for Video and Broadband CPE devices, driving cross-functional execution, managing global stakeholders / partners, and ensuring seamless integration of software, hardware, and professional services.

Description of the Event: Project exhibition for final year students was conducted on 6th May 2025. The students exhibited / demonstrated their working models along with the posters. There were 32 teams, with around 3-4 students in a team. The students explained their projects, its implementation methodology and its applications to the judges.

Students presented the project in the domains of Embedded System, Communication System, Image Processing, Machine learning, Artificial Intelligence, Signal Processing and Renewable energy.

Some of the projects presented was in the field of agriculture, medical, transportation along with primary house hold requirements which was useful for societal needs.

Objectives / Key Highlights: To improve the Depth of knowledge, Technology and Modern Tool Usage, Communication Skills, Innovation & Demonstration ability.

Participant details - No. of Participants: 131

Students (internal/external): internal

Photos (Geo Tagged):



Outcomes / Benefits: Students improved their Communication Skills, Innovation & Demonstration ability

Attachments:

1. Communication with Resources person
2. Resources person Profile
3. Evaluation and Feedback
4. Budget and Expenditure Details/amount

PO&PSO mapping

Project	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
Exhibition 2025 - 26	3	3	3	3	2	2.5	2	3	2	2	3	3	3

SDG Mapping

Sl. No.	Activity	Sustainable Goals Addressed <i>Select (✓) the Relevant SDG</i>					
		SDG3	SDG4	SDG7	SDG9	SDG11	SDG12
1	Project Exhibition	✓	✓	✓	✓	✓	✓

List of Projects and the SDGs they address

USN	Name	Team #	Title	Guide	SDGs addressed
1KS22EC002	Adeeba Ismath	1	FemSAFE: Voice Activated Women Safety Device	Dr. P N Sudha	SDG4, SDG9, SDG3
1KS22EC009	Anagha K S				
1KS22EC015	Archana N				
1KS22EC033	Dinesh N				
1KS22EC026	Chidambar P M	2	Chain Accident Prevention Through Automatic Braking	Dr Devika B	SDG4, SDG9
1KS22EC027	Chinmay				
1KS22EC028	D N Mithun				
1KS22EC047	Karthik				
1KS22EC058	Madhu	3	Humanoid Robotic Leg	Mrs. Ramya K R	SDG4, SDG9
1KS22EC031	Deeksha S Reddy				
1KS22EC035	Gagana S				
1KS22EC040	Deekshitha G				
1KS22EC011	Ankita P Budni	4	Modified E Shaped Microstrip Patch Antenna for C Band Satellite Application	Dr. Dinesh Kumar D S	SDG4, SDG9
1KS22EC010	Ankit Prakash				
1KS22EC030	Darshan Gowda M K				
1KS22EC034	Gagan V S				
1KS22EC001	Abhinay	5	Smart Manhole Monitoring and Trash Collection System	Mrs. Vishalini Divakar	SDG4, SDG9
1KS22EC023	C Harika				
1KS22EC038	G Deepasree				

1KS22EC059	M Sushmitha				
1KS22EC048	Kavya G	6	Energy Efficient Face Recognition System using Deep Learning	Mr Christo Jain	SDG4, SDG9
1KS22EC036	Gayathridevi B				
1KS22EC052	Lakshmi M				
1KS22EC050	Kiran G	7	Auto Sterile UV Sterilization Robot	Mr Satish Kumar	SDG4, SDG9, SDG3
1KS22EC055	Lohith Yaadav R				
1KS22EC062	Manoj Kumar N				
1KS22EC039	Gowtham M				
1KS22EC004	Adithya S	8	HEALTHAURA: SMART ROBOTIC CAREGIVER	Mrs Bhanumathi A	SDG4, SDG9, SDG3
1KS22EC016	Archana S K				
1KS22EC018	Ashwini P				
1KS22EC013	Anusha M P				
1KS22EC012	Anupriya T	9	2x2 Rectangular Shape Microstrip Patch Antenna Performance Analysis Using CST Studio Tool	Dr. Electa Alice Jayarani	SDG4, SDG9
1KS22EC032	Deeksha T S				
1KS22EC037	Gehana B S				
1KS22EC044	Inchara C				
1KS22EC041	Harish M V	10	Solar Based Wireless Charging Station for EV and Monitoring IOT	Dr. Bharathi Gururaj	SDG4, SDG9, SDG7
1KS22EC003	Adith P				
1KS22EC006	Akash S				
1KS22EC045	K Vamshi Krishna				
1KS22EC063	Meghana S R	11	Design and simulate the performance of Triangle shaped patch antenna for mid band frequency of 5G	Dr. Electa Alice Jayarani	SDG4, SDG9
1KS22EC067	Monisha B N				
1KS22EC008	Amulya M N				
1KS22EC014	Archana M	12	Performance analysis of 1 X 2 L shaped microstrip antenna for 2.4GHz	Dr. Dinesh Kumar D S	SDG4, SDG9
1KS22EC043	Hitha S M				
1KS22EC054	Lekhana B H				
1KS22EC021	Bhoomika D				
1KS22EC046	Amarendra	13	Lumpy Skin Disease Analysis in Cattle Using RFID and CNN	Mrs Suma Santhosh	SDG4, SDG9, SDG3
1KS22EC005	Ajith D				
1KS22EC024	Chethan S P				
1ks22ec007	Amrutha P	14			SDG4, SDG9

K S INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING
ATTENDANCE FOR MAJOR PROJECT EXHIBITION
DATE - 5/12/2025

Sl No.	USN No.	Name	Signature
1	1KS22EC001	ABINAY	<i>Abinay</i>
2	1KS22EC002	ADEEBA ISMATH	<i>Adeeba</i>
3	1KS22EC003	ADITH PINNEPALLI	<i>Adith</i>
4	1KS22EC004	ADITHYA S	<i>Adithya</i>
5	1KS22EC005	AJITH D	<i>Ajith</i>
6	1KS22EC006	AKASH S	<i>Akash</i>
7	1KS22EC007	AMRUTHA P	<i>Amrutha</i>
8	1KS22EC008	AMULYA M N	<i>Amulya</i>
9	1KS22EC009	ANAGHA K S	<i>Anagha</i>
10	1KS22EC010	ANKIT PRAKASH	<i>Ankit</i>
11	1KS22EC011	ANKITA BUDNI	<i>Ankita</i>
12	1KS22EC012	ANUPRIYA T	<i>Anupriya</i>
13	1KS22EC013	ANUSHA MALIPATIL	<i>Anusha</i>
14	1KS22EC014	ARCHANA M	<i>Archana</i>
15	1KS22EC015	ARCHANA N	<i>Archana</i>
16	1KS22EC016	ARCHANA S K	<i>Archana</i>
17	1KS22EC017	ASHOK	<i>Ashok</i>
18	1KS22EC018	ASHWINI P	<i>Ashwini</i>
19	1KS22EC019	AVINASH	<i>Avinash</i>
20	1KS22EC020	AYYAJI MADHAVA H N	<i>Ayyaji</i>
21	1KS22EC021	BHOOMIKA D	<i>Bhoomika</i>
22	1KS22EC022	C RAHUL	<i>Rahul</i>
23	1KS22EC023	CHERUKURU HARIKA	<i>Harika</i>
24	1KS22EC024	CHETAN S P	<i>Chetan</i>
25	1KS22EC025	CHETHAN A G	<i>Chethan</i>
26	1KS22EC026	CHIDAMBAR PRABHAKAR MINAVALLI	<i>Chidambar</i>
27	1KS22EC027	CHINMAY SHEELWANTH	<i>Chinmay</i>
28	1KS22EC028	D N MITHUN	<i>Mithun</i>

29	IKS22EC029	DARAPANENTAKUN CHOWDARY	Arul
30	IKS22EC030	DARSHAN GOWDA M K	Darshan
31	IKS22EC031	DEEKSHA S REDDY	Deeksha Deeksha RS
32	IKS22EC032	DEEKSHA T S	Deeksha
33	IKS22EC033	DINESH N	Dinesh N
34	IKS22EC034	GAGAN V S	Gagan
35	IKS22EC035	GAGANA S	Gagan
36	IKS22EC036	GAYATHRI DEVI B	Gayathri
37	IKS22EC037	GEHENA B S	Gehena BS
38	IKS22EC038	GONUGUNTLA DEEPA SREE	Deepa Sree
39	IKS22EC039	GOWTHAM M	Gowtham M
40	IKS22EC040	GUNTURU DEEKSHITHA	Deekshitha
41	IKS22EC041	HARISH M V	Harish
42	IKS22EC042	HARSHAN M J	Harsham
43	IKS22EC043	HITHA S M	Hitha
44	IKS22EC044	INCHARA C	Inchara C
45	IKS22EC045	K VAMSHIKRISHNA	Vamshikrishna
46	IKS22EC046	KANDRA AMARENDRA	Amarendra
47	IKS22EC047	KARTHIK D	Karthik
48	IKS22EC048	KAVYA G	Kavya
49	IKS22EC049	KEERTHANA K	Keerthana K
50	IKS22EC050	KIRAN G	Kiran G
51	IKS22EC051	KISHAN V	Kishan
52	IKS22EC052	LAKSHMI M	Lakshmi M
53	IKS22EC054	LEKHANA B H	Lekhna
54	IKS22EC055	LOHITH YAADAV R	Lohith R.
55	IKS22EC057	MADHAM PURUSHOTHAM	Purusu
56	IKS22EC058	MADHU HAROMUCHADI	Madhu
57	IKS22EC059	MALLEMPUTA SUSHMITHA	Sushmitha
58	IKS22EC060	MALLIKARJUNA SWAMY N	Mallikarjun
59	IKS22EC061	MANASA CHOWDARY	Manasa
60	IKS22EC062	MANOJKUMAR N	Manoj Kumar N
61	IKS22EC063	MEGHANA S R	Meghana S R
62	IKS22EC064	MEGHARAJ C M	Megharaj
63	IKS22EC065	MOHAMMED TAHA	Maha

64
65
66

64	IKS22EC066	MONIKA H N	<i>Monika</i>
65	IKS22EC067	MONISHA B N	<i>Monisha</i>
66	IKS22EC068	NALLANI HEMA	<i>Hema</i>
67	IKS22EC069	NEHA M	<i>Neaha</i>
68	IKS22EC070	NISARGA M	<i>Nisarga</i>
69	IKS22EC071	NITHYASHREE V L	<i>Nithya</i>
70	IKS22EC073	POOJA V	<i>Pooja</i>
71	IKS22EC074	PRAJWAL P	<i>Prajwal</i>
72	IKS22EC075	PRANAV RAJATH	<i>P. Pranav Rajath</i>
73	IKS22EC076	PREKSHITHA S	<i>Prekshitha</i>
74	IKS22EC077	RACHANA JAGANNATH	<i>Rachana</i>
75	IKS22EC078	RAGHU H M	<i>Raghu. H. M</i>
76	IKS22EC079	RAKSHITA M B	<i>Rakshita</i>
77	IKS22EC080	RANJITH GOWDA K	<i>Ranjith</i>
78	IKS22EC081	ROHITH D YADAV	<i>Rohith</i>
79	IKS22EC082	ROHITH M	<i>Rohith</i>
80	IKS22EC083	SACHIN BASAPPA BABANNAVAR	<i>Sachin</i>
81	IKS22EC084	SAHANA K R	<i>Sahana</i>
82	IKS22EC085	SAHANA N R	<i>Sahana</i>
83	IKS22EC086	SAHANA T BASANAGOUDRA	<i>Sahana</i>
84	IKS22EC087	SARIKA S	<i>Sarika</i>
85	IKS22EC088	SHALINI S	<i>Shalini</i>
86	IKS22EC089	SHASHANK C	<i>Shashank</i>
87	IKS22EC090	SHILPA T R	<i>Shilpa</i>
88	IKS22EC091	SHRAVANI G V	<i>Shravan</i>
89	IKS22EC092	SHREE HARSHITHA S	<i>Shreeharshitha</i>
90	IKS22EC093	SIDDHARTH SHARMA	<i>Siddharth</i>
91	IKS22EC094	SINCHANA S S	<i>Sinchana</i>
92	IKS22EC095	SNEHA	<i>Sneha</i>
93	IKS22EC096	SOUMYASHREE F SARAF	<i>Soumyashree</i>
94	IKS22EC097	SOWJANYA RAI	<i>Sowjanya</i>
95	IKS22EC098	SPOORTHY B	<i>Spoorthy</i>
96	IKS22EC099	SRUJAN H G	<i>Srujan</i>
97	IKS22EC100	SRUJAN KARANATH N	<i>Srujan</i>
98	IKS22EC101	SULAGNA MONDAL	<i>Sulagna</i>

K S INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
MAJOR PROJECT EXHIBITION 2025 FEEDBACK

Timestamp	Name	UGN No.	Self-Section	Was the event organised as per your expectations regarding time and	Has the program improved your communication and problem analysis	Was the evaluation of your project done satisfactorily	Was the opportunity given to showcase your individual and team work?	Were the questions asked by the evaluators relevant to your project?	Please give your suggestions for any improvement in organising the event
12-8-2025 9:53:08	Megharaj CM	1KS22EC064	7th sem A	3	3	3	3	3	No suggestion
12-8-2025 9:53:31	Sneha	1KS22EC095	7th sem B	2	2	1	2	2	Nothing!
12-8-2025 9:53:40	Gayathri devi B	1KS22EC036	7th sem A	3	3	3	3	3	It was nice Instead of conducting in labs making places conjested we need to do it in open space or in a comfortable place. and evaluation of projects should be done soon because
12-8-2025 9:54:10	Harish M V	1KS22EC041	7th sem A	1	3	2	3	3	
12-8-2025 9:54:58	Chinnmay sheelvant	1KS22EC027	7th sem A	3	3	3	3	3	Good
12-8-2025 10:07:51	Deeksha S Reddy	1KS22EC031	7th sem A	3	3	3	3	3	
12-8-2025 10:26:05	Umme sara	1KS22EC109	7th sem B	2	2	2	2	1	Nothing
12-8-2025 11:29:42	Abinay	1KS22EC001	7th sem A	3	2	2	3	3	.
12-8-2025 12:20:09	Shravani G V	1KS22EC091	7th sem B	2	2	2	3	3	
12-8-2025 13:40:07	Adeeba Ismath	1KS22EC002	7th sem A	3	3	3	3	3	The event was well organised
12-8-2025 14:13:53	Anagha K S	1KS22EC009	7th sem A	3	3	3	3	3	Nothing
12-9-2025 12:39:52	Madhu Haromuchadi	1KS22EC058	7th sem A	3	3	3	3	3	
12-9-2025 13:07:17	Sachin Babannavar	1KS22EC083	7th sem B	3	3	3	3	3	No