



GSSS

GEETHA SHISHU SHIKSHANA SANGHA(R)

INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to Visvesvaraya Technological University, Belagavi. Approved by AICTE New Delhi & Govt. of Karnataka)

KRS ROAD, METAGALLI | MYSURU - 570 016 | KARNATAKA | INDIA



Phone : 0821 - 2581304, 4257304 / 2977306 Fax : 0821 - 2581305 Email : gsssegg@yahoo.co.in, principal@gss.edu.in Web : www.geethashishu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

ECE ANNUAL REPORT 2024-2025

AECES

DEPARTMENTAL ACHEIVERS





GSSS | GEETHA SHISHU SHIKSHANA SANGHA(R)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING










Congratulations!!!









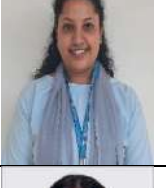


			
ANUSHKA D	BRITHI L	DEEPTHI M	BHOOMIKA M
UG : B.E in ECE	UG : B.E in ECE	UG : B.E in ECE	UG : B.E in ECE
(USN 4GW21EC018)	(USN 4GW21EC032)	(USN 4GW21EC044)	(USN 4GW22EC404)
Credits - 18	Credits - 18	Credits - 18	Credits - 18







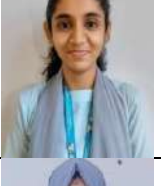


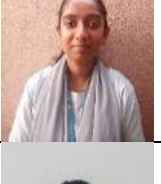

VTU BE HONOURS 2024-25











From : Management, Principal and Faculty












STUDENTS PLACEMENT












Sl. No	Name of the Company Placed	STUDENT NAME	USN	Salary Package	Photo
1	VISA IBM	Kavya B	4GW21EC064	31.6 LPA 4.75 LPA	
2	Lowe's India Knowledge Lens	Deekshitha R	4GW21EC043	18.7 LPA 5.5 LPA	
3	HPE CTY Alstom	Reddy Sushma	4GW21EC119	17.5LPA 6.8 LPA	
4	HPE CTY	Srushti D A	4GW21EC151	17.5 LPA	
5	Lululemon BOSCH L&T Technology Services Capgemini	Ankitha B S	4GW21EC013	14 LPA 4.5LPA 4 LPA 4.25 LPA	
6	Lululemon L&T Technology Services	Hampitha H	4GW21EC048	14 LPA 4 LPA	
7	Lululemon L&T Technology Services, Capgemini,	Nireeksha S	4GW21EC094	14 LPA 4 LPA 4.25 LPA	
8	Lululemon Capgemini,	Varshitha N M	4GW21EC164	14 LPA 4.25 LPA	
9		Navyashree B	4GW21EC089	14 LPA 4.25 LPA	





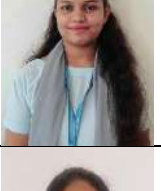






10	Eurofins Siemens	Chinmaya J	4GW21EC039	10.75 LPA 5 LPA	
11	Eurofins Siemens Capgemini	Parnika B L	4GW21EC102	10.75 LPA 5 LPA 4.25 LPA	
12	Eurofins L&T Technology Services	Nischitha G Krishna	4GW21EC097	10.75 LPA 4 LPA	
13	Telstra	Minugu R	4GW21EC082	10 LPA	
14		Chandana N	4GW21EC036	10 LPA	
15	APTIV L&T Technology Services	Bhoomika G R	4GW21EC027	8.5 LPA 4 LPA	
16	APTIV	Akshatha S S Murthy	4GW21EC006	8.5 LPA	
17	APTIV L&T Technology Services	Lekhana M	4GW21EC070	8.5 LPA 4 LPA	
18	APTIV Renault Nissan L&T Technology Services	Harshini B S	4GW21EC051	8.5 LPA, 4.25 LPA 4 LPA	
19	APTIV Cognizant Capgemini	Punyashree M H	4GW21EC109	8.5 LPA 4 LPA 4.25 LPA	
20	TVS Motor Capgemini	Apeksha M	4GW21EC019	8 LPA 4.25 LPA	











21	PHINIA	Yukthi Shree P	4GW21EC169	8 LPA	
22		Bhoomika K N	4GW21EC028	8 LPA	
23	Ashok Leyland	Deeksha D	4GW21EC041	7.5 LPA	
24	Alstom, Capgemini	Prathiksha M R	4GW21EC105	6.8 LPA 4.25 LPA	
25	Alstom	Monisha C P	4GW21EC085	6.8 LPA	
26		Bindhushree M J	4GW21EC031	6.8 LPA	
27		Shravya Raj	4GW21EC138	6.8 LPA	
28		Arshi Fatima	4GW21EC023	6.8 LPA	
29		Fariya Sabha	4GW21EC046	5.9 LPA	
30	Kyndryl	Nithyashree Vijaya	4GW21EC099	5.9 LPA	
31		Ruth R	4GW21EC121	5.9 LPA	











32	Siemens	Aishwarya R	4GW21EC003	5 LPA	
33		Amulya I J	4GW21EC008	5 LPA	
34		Ananya M R	4GW21EC010	5 LPA	
35		Rakshitha A	4GW21EC111	5 LPA	
36	Infineon Capgemini L&T Technology Services	Jahnavi Inamdar	4GW21EC056	4.56 LPA 4.25 LPA 4 LPA	
37	Infineon L&T Technology Services	Nikitha Balthillaya	4GW21EC093	4.56 LPA 4 LPA	
38	Leap	Veeksha Patel	4GW21EC166	4.5 LPA	
39		Ridhi Urs S	4GW21EC120	4.5 LPA	
40		Mahalakshmi K	4GW21EC074	4.5 LPA	
41		Neha M S	4GW21EC091	4.5 LPA	





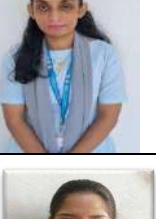



42	Leap Wipro	Niveditha H S	4GW21EC100	4.5 LPA 3.5 LPA	
43	Renault Nissan L&T Technology Services	Deepthi M	4GW21EC044	4.25 LPA 4 LPA	
44	Capgemini L&T Technology Services,	Manisha Angadi	4GW21EC078	4.25 LPA 4 LPA	
45		Anushka D	4GW21EC018	4.25 LPA 4 LPA	
46		Ramya B E	4GW21EC115	4.25 LPA 4 LPA	
47		Sahana Shivayogi Hiremath	4GW21EC124	4.25 LPA 4 LPA	
48		Rachana K	4GW21EC110	4.25 LPA 4 LPA	
49		Shravanthi G U	4GW21EC137	4.25 LPA 4 LPA	
50		Sinchana Aradhya B J	4GW21EC141	4.25 LPA 4 LPA	
51		Sinchana M S	4GW21EC145	4.25 LPA 4 LPA	
52		Sneha J S	4GW21EC147	4.25 LPA 4 LPA	

53	Renault Nissan	Priyanka N	4GW21EC107	4.25 LPA	
54	Capgemini	Ananya B S	4GW21EC009	4.25 LPA	
55		Anusha S	4GW21EC017	4.25 LPA	
56		Bhavani S	4GW21EC026	4.25 LPA	
57		Brithi L	4GW21EC032	4.25 LPA	
58		Chandana G R	4GW21EC033	4.25 LPA	
59		Dakshitha P L	4GW21EC040	4.25 LPA	
60		K Pavani	4GW21EC058	4.25 LPA	
61		K R Dhanushree	4GW21EC059	4.25 LPA	
62		Kusuma U	4GW21EC067	4.25 LPA	
63		Likhitha S	4GW21EC073	4.25 LPA	

64		Neha G	4GW21EC090	4.25 LPA 4 LPA	
65		Nisarga N	4GW21EC095	4.25 LPA	
66	Capgemini Wipro	Pavithra M N	4GW21EC103	4.25 LPA 3.5 LPA	
67	Capgemini	Ramya S	4GW21EC117	4.25 LPA	
68		Ranjitha M	4GW21EC118	4.25 LPA	
69		Sanjana	4GW21EC128	4.25 LPA	
70		Sinchana N T	4GW21EC146	4.25 LPA	
71		Traiambica A	4GW21EC157	4.25 LPA	
72		Vijayalakshmi T C	4GW21EC168	4.25 LPA	
73		Sonali Shankar Bhagai	4GW22EC424	4.25 LPA	
74		Thanushree MR	4GW22EC425	4.25 LPA	




75	Logycent	Kannika M Mallu	4GW21EC061	4.2 LPA	
76		Harshita S Devasur	4GW21EC052	4.2 LPA	
77	SolarEdge	Lekhana S	4GW21EC071	4 LPA	
78	L&T Technology Services	Harshitha N	4GW21EC053	4 LPA	
79		Chandana H	4GW21EC034	4 LPA	
80		Amrutha K	4GW21EC007	4 LPA	
81		Anupriya L	4GW21EC015	4 LPA	
82		Keerthana B K	4GW21EC065	4 LPA	
83		Rakshitha S	4GW21EC113	4 LPA	
84		Samatha S	4GW21EC125	4 LPA	

85		Sangeetha T	4GW21EC127	4 LPA	
86		Spoorthi B	4GW21EC149	4 LPA	
87		Thejashwini N	4GW21EC156	4 LPA	
88		Vaibhavi L S	4GW21EC159	4 LPA	
89		Vaishnavi M R	4GW21EC160	4 LPA	
90	CGI	Varalika S	4GW21EC161	3.92 LPA	
91		Jahnavi K	4GW21EC057	3.92 LPA	
92	Infosys	Srilakshmi P	4GW21EC150	3.6 LPA	
93		Sanjana C	4GW21EC129	3.6 LPA	
94	Digitide	Mahalakshmi M S	4GW21EC075	3.5 LPA	

95		Kavana N	4GW21EC062	3.5 LPA	
96		Aqsa Amber	4GW21EC021	3.5 LPA	
97		Bhagyashree Ravindra Wader	4GW21EC024	3.5 LPA	
98	Wipro	Anu Radha AV	4GW21EC016	3.5 LPA	
99		Harshitha P Shet	4GW21EC054	3.5 LPA	
100		Navya M S	4GW21EC088	3.5 LPA	
101		Ramya K	4GW21EC116	3.5 LPA	
102		Tejaswini B M	4GW21EC155	3.5 LPA	

TOPPERS EVEN 2025





SEMESTER VIII

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
BINDUSHREE M J 4GW21EC031 SGPA-10	YUKTHI SHREE P 4GW21EC169 SGPA- 10	NIVEDITHA H S 4GW21EC100 SGPA-10

SEMESTER VI



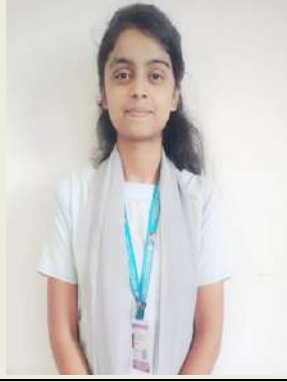
FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
MAHESHWARI M4GW22EC079 SGPA-9.225	HAMSA S 4GW22EC046 SGPA-9.163	DEEKSHITHA G C4GW22EC034 SGPA-9.125

SEMESTER IV

FIRST TOPPER	SECOND TOPPER	THIRD TOPPERS	
			
HARSHITHA M4GW23EC053 SGPA-9.088	DIVYA M 4GW23EC044 SGPA-8.988	PRUTHVI B RAJ 4GW23EC121 SGPA-8.913	SHALINI Y M4GW23EC147 SGPA-8.913

TOPPERS ODD 2024




SEMESTER VII

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
SHRAVANTHI G U 4GW21EC137 SGPA- 9.88	YUKTHI SHREE P4GW21EC169 SGPA- 9.79	TRAIAMBICA A4GW21EC150037 SGPA-9.67

SEMESTER V

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
PREETHI RAO P 4GW22EC118 SGPA-9.32	TEJASWINI N 4GW22EC161 SGPA-9.27	NISARGA 4GW22EC099 SGPA-9.23

SEMESTER III

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
DHANUSHREE H N 4GW23EC037 SGPA-9.25	HARSHITHA M 4GW23EC053 SGPA-9.2	NANDITHA M M 4GW23EC095 SGPA-9.08

Department Achievements

DEPARTMENT ACTIVITY 2024-25

ODD- 2024

Professional Activities under AECES & IETE

The Department of Electronics & Communication Engineering organized one-day workshop on "**IBM Skills Build Developer Initiative**" for III semester ECE students on **28th August 2024**. Expert sessions by Ms. Bharathi Murthy & Ms. Shrilakshmi Nair from IBM on latest technologies, AI-enabled chatbots, and skill development.



The Department of Electronics & Communication Engineering organized **4-Day Workshop on "Problem Solving Techniques Using C++" and "Mastering Microcontroller Peripherals"** from November 20th-23rd 2024, for 3rd semester ECE students by Dr. Ramprasad, Head-Academics & Operations from 10seconds, Bengaluru and Sri Vinod H R, Embedded Engineer at Pravega Semi Pvt Ltd, Mysuru,



The Four ECE Students Clubs under Department of Electronics and Communication Engineering, GSSSIETW organized **28 Hours National Level E-Minds Hackathon**, an inter-collegiate event on 10th and 11th December 2024 in association with IETE, IEEE Students Branch and DST-CURIE. A total of 51 teams from various colleges in Karnataka registered for the event. Participants included students from Cambridge Institute of Technology-Bangalore, NMIT-Bangalore, PES-Mandya, SJCE, VVCE, ATME and GSSSIETW-Mysuru.

The esteemed external panel of judges comprised industry experts: Mr. Abhijit CV, Senior Engineer at DTRI Mysore for Wireless Communication Domain, Mr. Vybhav M N, FPGA Engineer, Maxilinear Technologies, Bangalore for VLSI Domain, Dr. Thotringam Kasar, Founder & Director, EDspire Research for Signal and Image Processing Domain, and Mr. Stafford Michahial, Chief Technology Officer, PRS Neurosciences, and Co-founder, Neuro Kaaya for Embedded Systems and Robotics Domain.





The Department of Electronics & Communication Engineering organized "Project Expo 2024" on 20th Dec 2024, under IETE Students Forum.

71 project titles were received from various institutes across Karnataka, including PESCE Mandya, ATME Mysuru, VVCE Mysuru, and more. External industry experts assessed the projects, with attractive cash prizes and appreciation certificates awarded to top-performing groups. Winners were announced during the valedictory function, with addresses by esteemed guests Sri.Pankaj Sancheti, Engineering Head- Birla Opus, Chamarajanagar and Sri Vinod H R, Embedded Engineer at Pravega Semi Pvt Ltd, Mysuru.



Two Day FDP on “Demonstration and Utilization of Vector Network Analyzer (VNA) for Antenna Applications”

The Department of Electronics and Communication, in association with DST-CURIE, hosted a two days FDP on "**Demonstration and Utilization of Vector Network Analyzer (VNA) for Antenna Applications**" on 12th- 13thFebruary 2025.

Speaker: Mr. Raja, Manager - Product Development, Enthu Technology Solutions India Pvt Ltd, Coimbatore, Tamil Nadu.

The session provided valuable insights into the practical applications of VNA in antenna design and testing, enriching the participants with industry-relevant knowledge to the Faculty members and PG students.



Professional Activities under AECES & IETE

The Department of ECE and AI&DS, GSSSIETW, Mysuru organized an Online Talk on **“Rediscovering India’s Wisdom: An Introduction to Indian Knowledge Systems”**. by Dr. Vinayak Rajat Bhat, Associate Professor, Chanakya University, Bengaluru, co- author of “Introduction to Indian Knowledge system- concepts and Applications”, text book prescribed by VTU for 6th semester students, on 3rd March 2025 for 6th sem students



The Department of ECE under AECES hosted a 2-day workshop on **"Mobile App & Development for IoT Applications"** by Pandurang N M, Director, Embiot Technologies Pvt Ltd, Bengaluru for IV 'A' students on March 20th -21st, 2025.



The Department of ECE under AECES hosted 2 days Skill Development Program on **"Data Structures and Algorithms using C & C++"** by Dr. Ramprasad from 10seconds, Bengaluru, for our 4th sem 'C' sec ECE students on March 20th -21st, 2025



The Department of ECE under AECES hosted 2 days Skill Development Program on **"Mobile App & Development for IoT Applications"** by Pandurang N M, Director, Embiot Technologies Pvt Ltd, Bengaluru, for our 4th sem 'B' sec ECE students March 20th -21st, 2025.

The Department of Electronics and Communication Engineering under AECES organized 2 days Skill Development Program on **"Data Structures and Algorithms using C & C++"** from 28/03/2025 to 29/03/2025 by Dr. Ramprasad, Head-Academics & Operations from 10seconds, Bengaluru.



The Department of Electronics and Communication Engineering under AECES hosted 2 days Skill Development Program on **"Mobile App & IoT Development"** for 4th sem 'C' sec ECE students by Pandurang N M, Director, Embiot Technologies Pvt Ltd. On 28th-29th March 2025.

The Department of Electronics and Communication Engineering under VLSI club, in collaboration with IETE students forum, successfully hosted a Talk on **"Road Map to a Future in VLSI" & Technical Quiz Competition** for 2nd Sem ECE & EEE students.

Chief Guest: Mrs. Kavyashree B, Layout Design Engineer, Texas Instruments, Bengaluru.

The winners of the Technical Quiz Competition: 1st Prize: Rs 1000/- ;2nd Prize: Rs 750/- ;3rd Prize: Rs 500/-



The Department of Electronics and Communication Engineering under Embedded and Robotics Club , hosted "TECHQUEST", an interdepartmental competition, on May 13th 2025, showcasing students' problem-solving skills and creativity in embedded systems and robotics, 52 teams participated, with 12 teams shortlisted for the final round, "Idea Approach", presenting innovative solutions to real-world problems.



GSSS Institute of Engineering and Technology for Women, Mysuru, participated in University Day @ Nokia 2024, held on October 21, 2024.



Glimpse of University Day @ Nokia 2024, held on October 21, 2024

As part of anMoU with Nokia Solutions and Networks, India Private Limited, Bengaluru, the Department of Electronics and Communication Engineering, GSSSIETW, Mysuru, participated in University Day @ Nokia 2024, held on October 21, 2024, at Bangalore celebrating DECATHON, The Exponential Power of Industry-Academia Networking brought together faculty and students from universities across the country.

Memorandum of Understanding (MoU)

MoU Signing Ceremony between GSSS Institute of Engineering and Technology for Women, Mysuru and Nokia Solutions and Networks India Private Limited, Bengaluru on 5th August 2024 at 11 AM.



A Memorandum of Understanding(MoU) was formally signed between GSSS Institute of Engineering and Technology for Women, Mysuru and Nokia Solutions and Networks India Private Limited, Bengaluru on **5th August 2024** at GSSSIETW, Mysuru to bridge the gap between Industry and Academia. The main insights of this MoU aimed at leveraging mutual expertise and resources to foster innovation and drive advancements in the areas of telecommunications, 5G networks, Internet of Things (IoT).

Industrial Visits

ODD 2024

3rd Sem ECE



Industrial Visit to “MYMUL Mysuru Milk Union Limited”, Mysore, for 3rd Sem A, B, sec ECE students on 28-11-2024

5th Sem ECE



Industrial Visit to LAHARI - Advanced Electronics Test Facility, Mysore ESDM Cluster on 28th of October 2024

7th Sem ECE



Industrial Visit to “MCF ISRO, Hassan, for 7th sem A, B,Csec ECE students on 04-12-2024

EVEN 2025

4th Sem ECE



Industrial visit to Birla Opus Paints Chamarajnagar, on 05-04-2025 (Saturday) for ECE 4th Semester students.



Industrial visit to Deshila Technology Research Institute Mysore on 28-03-2025

6th Sem ECE



Industrial visit to Stellapps Bengaluru on 2nd April 2025, for 6th 'A', 6th B(Diploma Students), 6th 'C' section and PG ECE students .



Industrial visit to U R Rao Satellite Centre,Bangalore on 5th March 2025 and 6th March 2025 in two batches.Batch 1 on 5th March 2025 and Batch 2 on 6th March 2025

Parent -Teacher Meeting

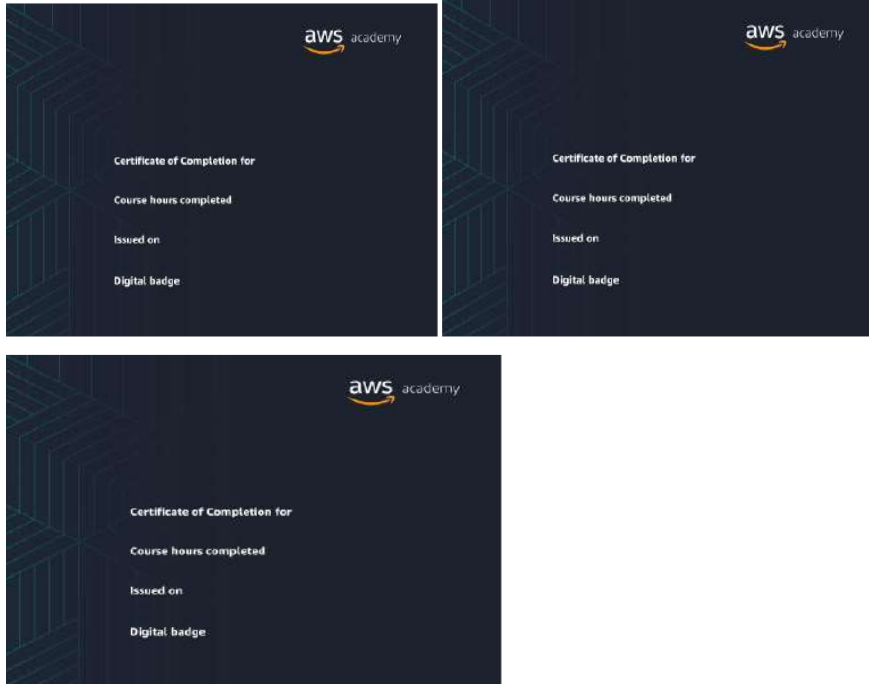


The Parent Teacher Meeting for the 3rd, 5th and 7th semester of ECE was organized on 03/12/2024 and in Even Semester for the 4th and 6th semester of ECE was organized on 12/05/2025

Student Achievements

Student Winners in Events

AWS Course completed Student Details of 2023-2027 Batch students of ECE. [EVEN 2025] details with sample certificates.



4th Semester Students Spoorthy A G (4GW23EC168), Aishwarya G (4GW23EC004), Pruthvi B Raj (4GW23EC121)

Student Participation- Activities

SL No	Name of the Student	USN	Semester/ Section	Event Details
1	Bhanusree GT Bhoomika B R Divya M Harshith S Keerthana g Lavanya R Nishchitha R Praghna M K Shreya T K Shreya T K	4GW23EC027 4GW23EC029 4GW23EC044 4GW23EC054 4GW23EC062 4GW23EC074 4GW23EC102 4GW23EC113 4GW23EC155 4GW23EC155	4 4 4 4 4 4 4 4 4 4	Event Name: Code Igniter 2025 GSSSIETW, Mysore
2	Bhanusree GT Keerthana L Prajna H U	4GW23EC027 4GW23EC065 4GW23EC114	4 4 4	Event name : Bug bounty College: GSSSIETW, Mysore
3	Lavanya R Kavana P	4GW23EC074 4GW23EC406	4 6	Event name: Embedded system and robotics club, GSSSIETW, Mysore
4	Keerthana L Prajna H U	4GW23EC065 4GW23EC114	4 4	Event name: TechKshetra(Annual Flagship event of IEEE Subsection) College: SJCE, Mysore
5	Nishchitha R Praghna M K	4GW23EC102 4GW23EC113	4 4	Event name: Hack Kshetra College: VVCE, Mysore
6	Sinchana MC	4GW23EC157	4	Event name: Hackmarch College: KLE university
7	Bhanusree GT Umme Sara	4GW23EC027 4GW23EC177	4 4	Event name: Hackcelarate -2024 College: GSSSIETW, Mysore
8	Keerthana.L Prajna H U	4GW23EC065 4GW23EC114	3 4	Event name: E-Minds Hackathon College: GSSSIETW, Mysore
9	Maleeha Parveen M Keerthana g Lekhana N V Nanditha M	M4GW22EC081 4GW23EC062 4GW23EC076 4GW23EC094	6 4 4 4	Event name :TechQuest College: GSSSIETW, Mysore
10	Bhoomika B R	4GW23EC029	3	Event name: CHIP-CASE The ultimate semiconductor quiz College: GSSSIETW, Mysore
11	Lavanya R	4GW23EC074	4	Event name: Duet Dance College: GSSSIETW, Mysore

12	Pavani L	4GW23EC108	4	Event name: Skit competition College: GSSSIETW, Mysore
13	Amulya G	4GW23EC400	6	Event name: Poster presentation College: GSSSIETW, Mysore
14	Lavanya R	4GW23EC074	4	Event name: INNONEXUS - Ideathon College: VVIET, Mysore
15	Keerthana L Prajna H U	4GW23EC065 4GW23EC114	4 4	Event name: State Level Project Exhibition-2025 College: Vidya Vikas Institute of Engineering and Technology,Mysuru
16	Khushi Das D Lisha S N Nishitha G	4GW23EC068 4GW23EC078 4GW23EC103	4 4 4	Event name: TechAvishkar2.0 College: ATME college of engineering
17	Akarshitha N S	4GW23EC010	4	Event name: Make 4 Mysore College: Comed Kares
18	Chaithanya D K	4GW22EC023	6	Event name: L&T Techgium 8th edition(Online)
19	Lavanya R	4GW23EC074	4	Event name: State Level project Expo College: PESCE
20	Harshadeepa M. N	4GW22EC048	6	Event name: TCS techbyites-2025 College: SJCE mysuru
21	Apoorva Narayan Lokare Bindhushree M J Bhoomika K N	4GW21EC020 4GW21EC031 4GW21EC028	5 5 5 5	Event name: Infothon (Hackathon) College: VVCE Mysore Date of Event: 20-1-2024 and 21-1- 2024
23	Harshadeepa m n Haramaynintiaz Dhanushree p gowda	4GW22EC048 4GW22EC047 4GW22EC040	3 3 3	Event name: Infothon (Hackathon) College: VVCE Mysore Date of Event: 20-1-2024 and 21-1- 2024
32	Bhoomika K N Bindhushree M J Apoorva Narayan Lokare	4GW21EC028 4GW21EC031 4GW21EC020	5 5 5	Event name: Infothon 2.0 College: VVCE,Mysuru Date:20-1-2024& 21-1-2024
35	Parnika B L	4GW21EC102	5	Event name: National level hackathon College: PES College, Mandya Date: 5-1-2024& 6-1-2024
38	Sneha J S Sanjana C Shravanthi G U	4GW21EC147 4GW21EC129 4GW21EC137	5 5 5	Event name: Workshop on RC building and compitation College: DSCE Banalore Date:16/01/24 to 17/1/24
39	Shravya Raj Sushma V Kumar	4GW21EC138 4GW21EC152	5 5	Event name: Workshop on RC building and compitation

				College:DSCEBanalore Date:16/01/24 to 17/1/24
40	Srushti D A Sangeetha T Parinika B L	4GW21EC151 4GW21EC127 4GW21EC102	5 5 5	Event name: National level hacksprinthachathon College:PESMandya Date:5/01/24 to 6/01/24
42	Akshatha Gowda A Bhargavi G Deekshitha GC Kajol Prasad P	4GW22EC004 4GW22EC020 4GW22EC034 4GW22EC059	3 3 3 3	Event name: Technovation College: CMRIT Date:2-3-2024

Student Publications

Sl No	Name of Student	Paper Publication	Event Date
1	Renuka, Ruchithashree B S, Sahana G, SahanaKashyap, Keerthi Kumar M	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ IoT Based Parent Controlled E-Bike ” Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
2	DivyaMohan, Divyashree N, Keerthana C, Keerthana H K Arpitha Shankar S I.	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Unmanned Multi-Purpose Marine Robot with IoT ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
3	SyedaNida , SyedaShaista , TaskeenAiman , ZebaErum, Padma R	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Pagemaster: Seamless Automation For Flipping And Scanning ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
4	Kruthika J , Kusuma N , Lavanya J , Lavanya S , Dr. G Manjula	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Implementation Of Efficient Truncated Booth Multipliers ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
5	Harshitha H S, AnanyaJois , B V Manasa , Inchara K S, Smt.Bharathi. R	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Design And Development Of Hybrid Power System of Two-Wheeler ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
6	Archana M, Carmel Mary, Chaithanya L Patil, Deekshitha P T, Dr. Jayanth J	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Low-Light Image Enhancement Using Super-Resolution ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024

7	Mohaneshwari G P Nisarga M J ,Pruthvi S , Puneetha BP Thilagavathy R	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Automated Silkworm Incubator ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
8	Kruthika S, Nayana B P, Namratha S, Nidhishree S, Boregowda H B	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Centralized Monitoring System For Street Light Fault Detection And Location Tracking ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
9	Reesha N K , Shivashree M ,Shubhashree M , Spoorthi B, Dr S Padmashree	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Automated Real-Time Detection Of Suspicious Behavior In Public Transport Area ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
10	S,Meghana M, Nidhi K P, Nimisha S, Pushpanjali M Dr. Padmashree	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Mountain Climbers’ Health And Tracking System ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
11	Ranjitha V K, Sanjana B, Spoorthi K G, Swarnalakshmi K B	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Flower Classification using CNN ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024
12	Ananya K, D Bhavyashree, G L Sowmya, Ghanavi V S, Thilagavathy R,	Event: National conference on Communication and data science (NCCDS-2024). Place: GSSSIETW, Mysuru Activity: Presented a paper entitled “ Robotic Device For Child Rescue Operation From Borewell ”. Publisher: International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	25th April 2024

Faculty Achievements

Sponsored Projects

Sl. No	Sponsoring Agent	Title	Grant Rs.	Proposed by	Duration
1	KSCST	“Speech Controlled wheelchair for physically disable people”	4,000/-	Dr. G Manjula	1 year
2	KSCST	“Survival and Rescue Based Water Vehicle with IOT”	4,500/-	Dr. Thilagavathy R	1 year

Conference Publication

Sl. No.	Name of the teacher	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication
1	Dr.Jayanth J	Optimizing Gray Scale Image Enhancement: A Comparative Analysis of CLAHE and Cuckoo Search Algor	International conference Second International Conference on Emerging Technologies in Science and Engineering Akshaya Institute of Technology, Tumkur, Karnataka June 19-20, 2025	International	2025
2	Dr. Thilagavathy R	Design, Development and Performance Analysis of Microstrip Array Antenna for Fifth Generation Application	International Conference	International	2025
3	Dr. Shyamala C	2.4GHz Bow Tie Antenna for Wireless Applications	ICRTSTM	International	2025
4	Dr. Shyamala C	Optimizing Routing Efficiency in Wireless Sensor Networks with Link Score and Delay Awareness Routing	ICRTSTM	International	2025

5	Dr Latha M	channel modeling and propagation characteristics in Sub Terahertz Bands	International Conference on Distributed Wireless Communication and IoT (ICDWCI-2024)	International	2024
6	Dr Latha M	Smart Stuttering Assessment and Therapy: Advanced Speech Signal Analysis with Real-Time Feedback	International Conference on Information and Communication Systems (ICICS-2025).	International	2025
7	Lalitha K	EMPIRICAL STUDY ON IMAGING MODALITIES USED FOR GASTRIC CANCER DIAGNOSIS	International Conference	International	2025
8	SPOORTHY	LORA FREE SMS OVER LONG DISTANCE USING RASPBERRY PI PICO	International Conference on Recent Advancements in Management and Engineering Research ICREAMER'25 16 MAY 2025 HYBRID MODE	International	2025

Journal Publications

Sl No	Name of the author/s	Title of paper	Name of journal	Year of publication
1	Dr. Rajendra R. Patil	Parasitic isolation structure for mutual coupling reduction in a multiple input multiple output antenna	Bulletin of Electrical Engineering and Informatics	2024
2	Dr. Rajendra R. Patil	SRA-DGS-NL Based Decoupling Scheme for MIMO Antenna	Progress In Electromagnetics Research C	2024
3	Dr. Jayanth J	Hybrid VGG16-Xception Model vs. Single Architecture Transfer Learning for Flower Image Classification	International Journal of Horticultural Science and Technology	2025
4	Dileep R	Walrus Optimization Algorithm for panchromatic and multispectral image fusion	Remote Sensing Applications: Society and Environment	2025

Patents Details

Sl. No	Name of the Inventor	Title	Patent filed No	Date
1.	Dr. Jayanth J	BETEL LEAF ANTENNA FOR WIRELESS APPLICATIONS	432406-001	12/4/2024
2.	Dr. Latha M	DESIGN PATENT	444602-001	1/17/2025

PG: M. Tech (DCN)

Student Achievements

1. Smitha M S Completed 12-week duration VTU PG MOOC course “Introduction to Wireless and Cellular Communications”, On **2nd July, 2025**
2. Smitha M S Completed 12-week duration VTU PG MOOC course “Optical wireless communication Beyond 5G Networks and IoT”, on **8th July 2025**
3. J. Keerthana published a design patent on "RECTANGULAR MICROSTRIP PATCH ANTENNA", with design number: 418450-001 dated 30/05/2024
4. J. Keerthana completed NPTEL Swayam course of 12 Week duration on "Optical Wireless Communications for Beyond 5G Networks and IoT"
5. J. Keerthana completed VTU PG MOOC course of 12 Week duration on "Fiber Optic Communication Technology"
6. J. Keerthana completed VTU PG MOOC course of 12 Week duration on "Introduction To Wireless and Cellular Communications"
7. J Keerthana has participated in the Faculty Development Program (FDP) on "Innovation & Entrepreneurship Skills for HEI Faculty", organized by GSSS Technology Business Incubator Foundation, Mysuru, in collaboration with Wadhvani Foundation, from 27th to 31st January 2025.
8. Niveditha V completed VTU PG MOOC course on Research Methodology and IPR – 3rd may 2025
9. Niveditha V completed in GREAT LEARNING Platform course on Natural Language Processing Projects- 30th March2025
10. Niveditha V completed in GREAT LEARNING Platform course on Introduction to Deep learning- 25th March 2025
11. Niveditha V completed in GREAT LEARNING Platform course on SDN and Open flow Introduction -17th march 2025

Industrial Visit

Industrial Visit to NOKIA



Attended NOKIA University Day 2024: DECATHON united industry and academia organized by Department of Electronic and communication Engineering, GSSSIETW, Mysuru on 21st October 2024.

Industrial Visit to Deshila Technology



Visited DESHILA Technology Research Institute(DTRI) Mysuru, Industrial Visit organized by Department of Electronic and communication Engineering, GSSSIETW, Mysuru on 28th March 2025.

Industrial Visit to Stellaps



Visited STELLAPS Bengaluru, Industrial Visit organized by Department of Electronic and communication Engineering, GSSSIETW, Mysuru on 2nd April 2025.

Industrial Visit to Lahari



**Visited the industry to observe the working procedures and studied different types of antennas.
Industrial Visit to LAHARI-ESDM Mysore on 26th may 2025, organized by Department of
Electronic and communication Engineering, GSSSIET**

ECE-RESEARCH CENTER UNDER VTU, BELAGAVI

VTU, Belagavi granted approval to the Research Centre of ECE Department during the academic year 2012-2013. Presently, there are ten (12) recognized Research Supervisors in ECE department. Under this Research Centre eight (10) research scholars have been awarded Ph.D. and eight (10) research scholars are pursuing Ph.D. in Part Time. The details of Research Scholars awarded/pursuing Ph.D. under ECE-RC are as follows:

No. of Research Guides: 12

No. of Research Scholars awarded Ph.D.: 10

No. of Research Scholars Pursuing Ph.D.: 10

Grants from different Agencies: Rs.1,04,01012/-

No. of Publications by Research Scholars: 65

Sl. No.	Name of the Research Guide	Research Scholars Name	Name of the Research Topic	Status	Year of Registration	Year of Completion
1	Dr. Shivakumar M Principal GSSSIETW	Dr. G. Manjula 4GW13PEN02	Identification of the Features of Stuttering through Automatic Speech Recognition and Validation	Ph.D. Awarded 2021	2013	2020
2		Dr. Latha M 4GW15PEJ01	An Approach for Characterization and reorganization of Dysarthric Speech	Ph. D. Awarded 2022	2015	2022
3		Dr. Arpitha Shankar. S. I 4GW17PEA07	Exploration algorithm for indoor environment using multiple robots.	Ph. D. Awarded 2024	2017	2024



4	Dr. Rajendra R Patil Prof. and HoD	Dr. Basanti Ghanti 4GW11PEM01	Physical Layer Network Coding	Ph.D. Awarded 2020	2011	2019
5		Dr. Vinita Balbhim Patil 4GW15PEJ03	Handwriting recognition using hybrid technique	Ph.D. Awarded 2021	2015	2020
6		Dr. Bharamappa Irappa Kattimani 4GW16PEJ03	Fractal Microstrip Antenna Design for Wide Band Applications	Ph.D. Awarded 2023	2016	2023
7		Ms. Revati C G 4GW17PEA11	Design and Implementation of MIMO antenna for wireless communication	Submitted Thesis. Waiting for final Viva voce	2017	2025
8		Mrs. Vanita 4GW17PEA12	Optimization of Energy and Spectral Efficiency using NOMA Techniques for 5G wireless Communication	Ph.D. Awarded 2024	2017	2025
9		Mrs. Sumalatha Nigudgi 4GW16PEC01	Design and Performance Analysis for securing the Internet of Things using CoAP and enhanced DTLS	Completed Comprehensive Viva	2016	-
10		Mr. Harshavardhan Reddy	Design and Development of	Completed	2016	-

		4GW16PEC02	Metamaterial based patch antennas for wireless applications	Comprehensive Viva		
11	Dr. Parameshachari . B.D, Professor, Dept. of ECE	Mr. Kiran 4GW17PEA05	Development of efficient Techniques for Secured Transmission of Medical Images	Ph.D. Awarded 2023	2017	2022
12	Dr. Jayanth. J Professor, Dept. of ECE	Dr. Ravikiran H.K 4GW15PEJ04	Development of Compression and Reconstruction Algorithm for Progressive Transmission of Medical Images	Ph.D. Awarded 2021	2015	2020
13		Mr. Dileep R 4GW22PEC01	Assessment of Millet Crop in Semi Urban Area of Nanjangud Taluk using high Resolution Satellite Data.	Applied for course work	2022	-
14	Dr. S. Padmashree Professor, Dept of ECE	Mrs. Lalitha K 4GW20PEC02	Computer Aided Diagnosis of Stomach Cancer Using Artificial Intelligence and Image	Completed Comprehensive Viva	2020	-

			Processing Technique			
18	Dr. G. Manjula Associate Prof.	-	-	-	-	-
19	Dr. Sushma. S. J, Associate Prof.	Mrs.Padma R 4GW22PEC02	Design of RISC Processor with 7 stage Pipeline for image processing Application	Applied for course work	2022	-
20	Dr. Shyamala. C, Associate Prof.	Mrs. Shwetha Rani K P 4GW17PES07	Design and Implementation of High Throughput Phase Estimator for WSN Applications.	Completed Comprehen sive viva	2017	-
		Mr. Naveen G C- 4GW23PEC03	Design and Implementation of precoder for MIMO antenna in 5G Communication Applications			
21	Dr. Raghavendra. Y. M,Associate Prof.	-	-	-	-	-
22	Dr. Latha M Associate Prof.	Divyashree G- 4GW24PEC01 (Co-Guide)	-	-	-	-
23	Dr. M.V.Sreenivas Rao, Associate Prof.	-	-	-	-	-

24	Dr. Basavanna M	Divyashree G-4GW24PEC01				
25	Dr. Asha.M	-	-	-	-	-

ECE Faculties awarded with Ph.D.

1	Dr. Anitha.K	<p>warded Ph.D. in July 2024, for the research work entitled “Investigation of Indian Ragas in Music Therapy” from VTU, Belagavi</p> 
2	Dr. Arpitha Shankar S I	<p>Awarded Ph.D. in July 2024, for the research work entitled, “Exploration Algorithm for Indoor Environment using Multiple Robots” from VTU, Belagavi</p> 

3 Dr. Thilagavathy R

Awarded Ph.D. in July 2024, for the research work entitled “**Analysis and Development of Energy Efficient Routing Protocol for Communication and Coordination between Heterogeneous Robots**” from VTU, Belagavi



4 Dr. Revati C G

Ph.D. Awardees from ECE Research Centre under VTU

Awarded Ph.D. in July 2025, for the research work entitled “**Design and Implementation of MIMO Antenna for Wireless Communication**” from VTU, Belagavi, under the guidance of Dr. Rajendra R. Patil



Awarded Ph.D. in Feb 2025, "Optimization of Energy and Spectral Efficiency using NOMA Techniques for 5G wireless Communication" from VTU, Belagavi, under the guidance of Dr. Rajendra R. Patil.

5 Dr. Vanita



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