DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STUDENTS PLACEMENT

Sl No	Name of the Company	Student Name	USN	Salary Package	Photo
1	HPE R&D	Meghana P Gowda	4GW20EC072	17.5 LPA	
2		Ashraya A M	4GW20EC014		
3	ANZ	Anusha S A	4GW20EC009	12.5 LPA	
4	Globalfoundries	Afiya Fathima	4GW20EC001	10 LPA	

5		Rakshitha H R	4GW20EC112		
6		Vandana B	4GW20EC166		
7		M Sneha	4GW20EC138		
8	**State Street Corporation**	Taskeen Aiman	4GW20EC162	**8.6 LPA**	
9	**APTIVE**	Samanvitha Y	4GW20EC126	**8.5 LPA**	

10		SONIKA S	4GW20EC141		
11	Ashok Leyland	Sahana Kashyap	4GW20EC123	7.5 LPA	
12		Neha D	4GW20EC082		
13	Codeyoung	Annapoorna H P	4GW20EC007	7.36 LPA	
14		M S Vaishnavi	4GW20EC068		

15		Divya Mohan	4GW20EC039		
16		Lavanya J	4GW20EC064		
17	**Nagravision**	G L Sowmya	4GW20EC043	**5.5 LPA**	
18		Darshini C j	4GW20EC031		
19		KEERTHANA C	4GW20EC054		

20		Vaishnavi B K	4GW20EC165		
21		D Bhavyashree	4GW20EC030		
22		Shivashree M	4GW20EC132		
23		Divyashree N	4GW20EC041		
24	**Amazon**	Vaishnavi B K	4GW20EC165	**5.5 LPA**	

25		Nidhi K P	4GW20EC085		
26		Anusha S A	4GW20EC009		
27	TATA Technologies	Pallavi A N	4GW20EC091	5 LPA	
28		Moulyashree H P	4GW20EC077		
29		Archana R	4GW20EC013		

30		Pruthvi S	4GW20EC101		
31		Kruthika J	4GW20EC060		
32	**Siemens**	Nidhi K P	4GW20EC085	**5 LPA**	
33		Sneha M	4GW20EC138		
34		Shubhashree M	4GW20EC135		
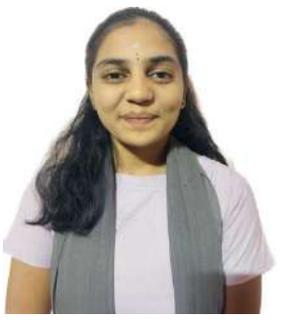
35		Srujana M	4GW20EC152		
36		Chethana M	4GW20EC027		
37		M Aishwarya	4GW20EC067		
38	**Accenture**	Ashraya A M	4GW20EC014	**4.5 LPA**	
39		Syeda Shaista	4GW20EC161		

40		Vandana B	4GW20EC166		
41		Avina Ancilla Dsouza	4GW20EC016		
42		Archana R	4GW20EC013		
43		Punyashree H M	4GW20EC103		
44		Sneha M	4GW20EC138		

45		A Angel Mary	4GW21EC400		
46		Khathijath Ul Kubra	4GW20EC059		
47		Anusha H M	4GW20EC008		
48		Ananya K	4GW20EC006		
49		Pushpanjali M	4GW20EC105		

50		M S Vaishnavi	4GW20EC068		
51	**Vodafone Idea**	Puneetha B P	4GW20EC102	**4.5 LPA**	
52		Lavanya J	4GW20EC064		
53	**Trianz Digital**	Ananya K	4GW20EC006	**4.25 LPA**	
54		Inchara K S	4GW20EC052		

55		Meghana M	4GW20EC071		
56		Srijana	4GW20EC151		
57		APOORVA L	4GW20EC010		
58	**Capgemini**	Srujana M	4GW20EC152	**4.25 LPA**	
59		Chithrashree P	4GW20EC028		

60		Likhitha SU	4GW20EC066		
61		Chaithanya L Patil	4GW20EC021		
62		Madeeha Amber	4GW20EC069		
63		Shubhashree M	4GW20EC135		
64		Spoorthi R	4GW20EC149		

65		Harshitha B V	4GW20EC047		
66		Sahana G	4GW20EC122		
67		Nandini M	4GW20EC079		
68		Nimisha S	4GW20EC088		
69		Neha G	4GW20EC083		

70		AmoghaVarshini H	4GW20EC004		
71		M Sneha	4GW20EC138		
72		SINDHU.S	4GW20EC137		
73	L&T Technology Services	Spoorthi K G	4GW20EC145	4LPA	
74		Sanjana Salimath	4GW20EC130		

75		Nidhishree S	4GW20EC087		
76		Vedashree T M	4GW20EC168		
77		Anusha H M	4GW20EC008		
78		Suchitra S	4GW20EC153		
79		Ghanavi V S	4GW20EC044		
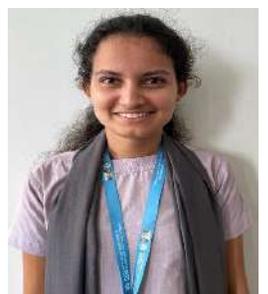
80		Kusuma N	4GW20EC063		
81		Renuka	4GW20EC118		
82		Keerthana H K	4GW20EC055		
83		Sukanya B D	4GW20EC154		
84		Nisarga M.J	4GW20EC089		

85		Carmel Mary	4GW20EC020		
86		Zeba Erum	4GW20EC173		
87		Deeksha B R	4GW20EC032		
88		Asra Parveen	4GW20EC015		
89		Sushma M M	4GW20EC157		
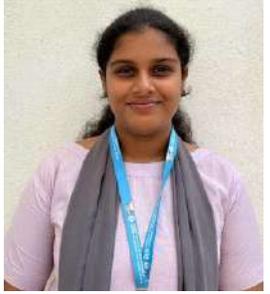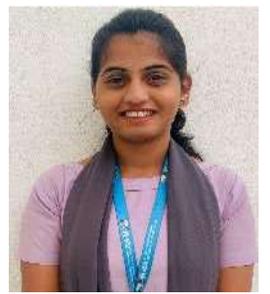
| 90 | | Saraswathi K R | 4GW20EC131 | | |

TOPPERS EVEN 2024

SEMESTER VIII

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
ANUSHA S A **4GW20EC009** **SGPA-9.83**	**M AISHWARYA** **4GW20EC067** **SGPA-9.83**	**MEGHANA MUTHAMMA** **M L** **4GW20EC073** **SGPA- 9.83**

TOPPERS ODD 2023

SEMESTER VII

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
M AISHWARYA **4GW20EC067** **SGPA-9.85**	**ANUSHA S A** **4GW20EC009** **SGPA-9.33**	**MEGHANA MUTHAMMA** **M L** **4GW20EC073** **SGPA- 9.31**

SEMESTER V

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
PARNIKA B L **4GW21EC102** **SGPA- 9.33**	**REDDY SUSHMA** **4GW21EC119** **SGPA- 9.2**	**LIKHITHA S** **4GW21EC073** **SGPA-9.1**

SEMESTER III

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
REETHI RAO P **4GW22EC118** **SGPA-9.55**	**AKSHITHA K** **4GW22EC005** **SGPA-8.95**	**CHANDANA A** **4GW22EC025** **SGPA- 8.95**

Department Achievements

"4th National Conference on Communication & Data Science [NCCDS-2024]" held on 25 April 2024

4th National Conference on Communication and Data Science (NCCDS-2024) under IQAC on 25th April 2024, organized by Department of Electronics & Communication Engineering in association with ISTE, IETE and International Journal of Trendy Research in Engineering and Technology (IJTRET).

Mr. Chandrashekaraiah B R Delivery Head – Digital Healthcare, Medical Devices and Life Sciences L&T Technology Service Limited, Mysuru was the Chief Guest for the Event.

Mini Project Expo-2024 held on 23rd July 2024

Mini Project Expo-2024, an intercollegiate competition, on July 23, 2024, under the IETE Students Forum. The expo received 28 mini project titles from various institutes across Karnataka. The chief guests and judges for the program were Sri Vinod H R, Embedded Engineer at Pravega Semi Pvt Ltd, Mysuru, and Sri Karthik B G, RTL Design Engineer at Pravega Semi Pvt Ltd, Mysuru.

Three days "IoT Innovate-a-Thon" held from 8th to 10th July 2024

IoT Innovate-a-Thon, a 3-day hackathon, from 8th to 10th July 2024. Teams were given a common problem statement based on the topics covered in the first two days. Participants worked diligently to develop

appropriate solutions to the problem statement. After completing their tasks, Jury Members evaluated them and the results were announced during the Valedictory Program. The chief guest of the program was **Sri Chandrashekaraiah B R**, Delivery Head, Digital Healthcare, Medical Devices, Life Sciences, L&T Technology Services Limited, Mysuru.

Five Days Faculty Development Program on "Realizing a Software Defined Radio using FPGA" held on 20ᵗʰ - 24ᵗʰ May 2024.
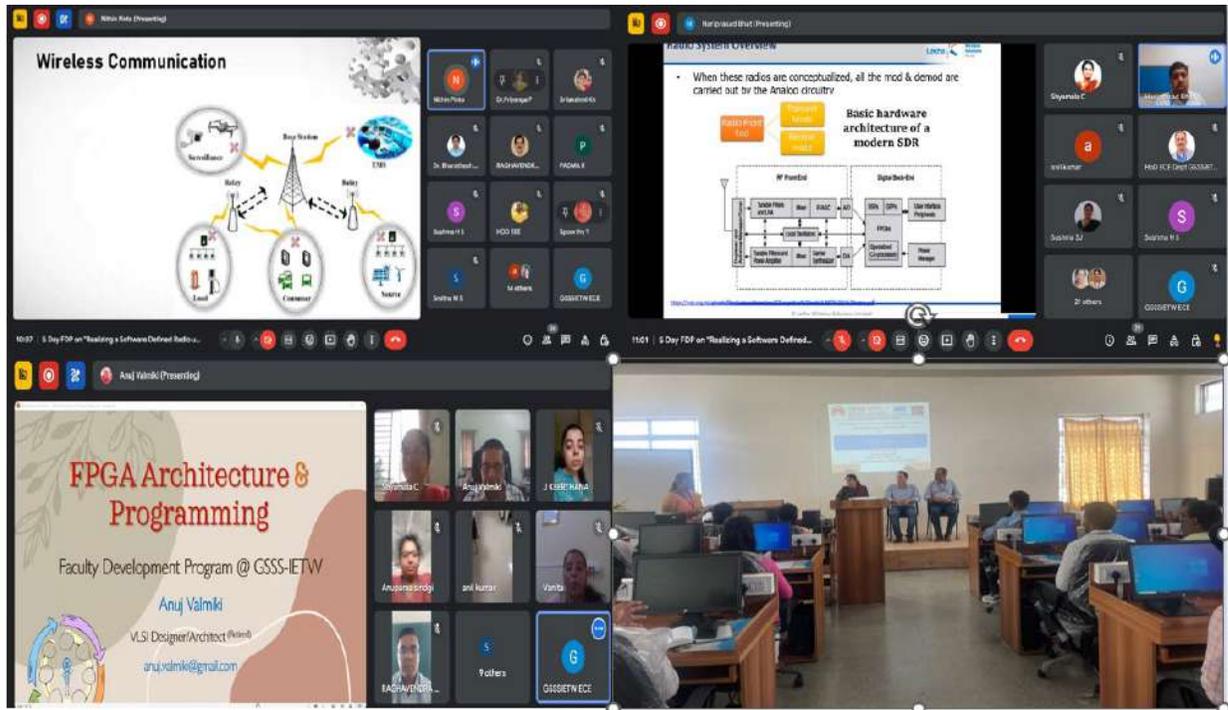
Five Day Faculty Development Program (FDP) on "Realizing a Software Defined Radio (SDR) using FPGA" in association with IEEE CAS Society and IEEE Student Branch, GSSSIETW from 20th to 24th May 2024. The FDP featured sessions by experts from Industries namely, **Hariprasad Bhat, Prathima S, Nithin Pinto, Mr. Ronston Kevin,** Senior FPGA engineer of Lekha Wireless Solutions Pvt Ltd, **Roja C, Anuj Valmiki Ramanujan, Namratha,** Design Engineer from Qualcomm, Bangalore. The final day participants had an industrial visit to LAHARI - Advanced Electronics Test Facility at Mysuru.

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).

Professional Activities under Technical Forum

TECHNICAL FORUM – AECES & IETE

Five-day workshop on "Certificate Course in Mastering Microcontroller Peripherals"
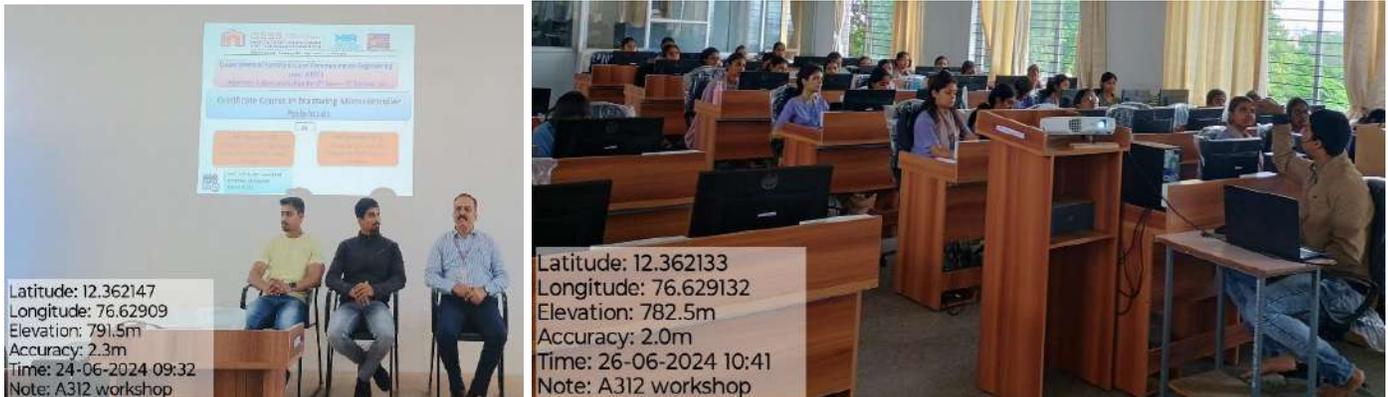
Five-day workshop on "Certificate Course in Mastering Microcontroller Peripherals" for 4th Semester A, B & C section students from 14th to 29th June 2024 by Mr. Yashwanth B R. H R, PravegaSemi Pvt Ltd, and Mr.Vybhav M N,FPGA Design Engineer Maxlinear Technologies.

**Two-day workshop on "Concurrency and threads in Digital design"**

Two-day workshop on Concurrency and threads in Digital design by Mr.Ramanujan (Anuj) valmiki, VLSI Architect, Under VLSI Club on 19th & 20th Feb 2024.

Inaugural function of ECE students Club

Inaugural function of ECE students Club by Mr. Rahua lDeshpande, Principal Engineer, Maxlinear Bangalore, Mr. Leathen Puttaiah Senior Director, Infineon Technologies Dr. Sreekanta Gupta B P, Principal, Infosys Ltd, Mysuru on 10/02/2024.

Three-day workshop on "Device Driver Development with Protocol"
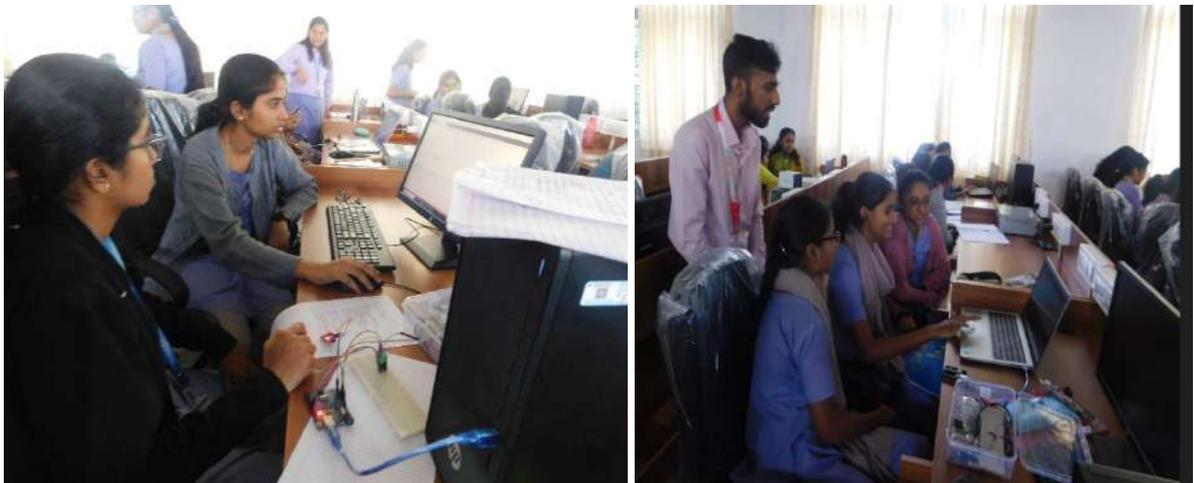
Three-day workshop on "Device Driver Development with Protocol" for 3rd semester students on 4th, 5th, 7th January 2024 for A-Section, 11th, 12th, 13th January 2024 for B-Section and 18th, 19th, 20th January 2024 for C-section. The resource person for the event was Mr. Vinod H R and Mr. Yashwanth B R, Embedded Engineers, Pravegaa Semi private Ltd., Mysuru.

Two-day training program on "Competitive Programming skills using C & C++"


In association with IETE Students Forum (ISF) two day training program on "Competitive Programming skills using C & C++" on 30th and 31th Dec 2023 for the 7th Sem Students. The Resource person was Dr. Ramprasad H C, Head-Academics & Operations, 10 Seconds, Bengaluru.

Three-day training program on "Embedded C & C++ and Industry tool for Embedded Design"

Three-days training program on "Embedded C & C++ and Industry tool for Embedded Design" on 27th 28th & 29th Dec 2023 for the 5th semester students. The Resource person was Dr. Ramprasad H C, Head-Academics & Operations, 10 Seconds, Bengaluru.

Online Technical Webinar on "Trends and Challenges in VLSI Fabrication Technology"
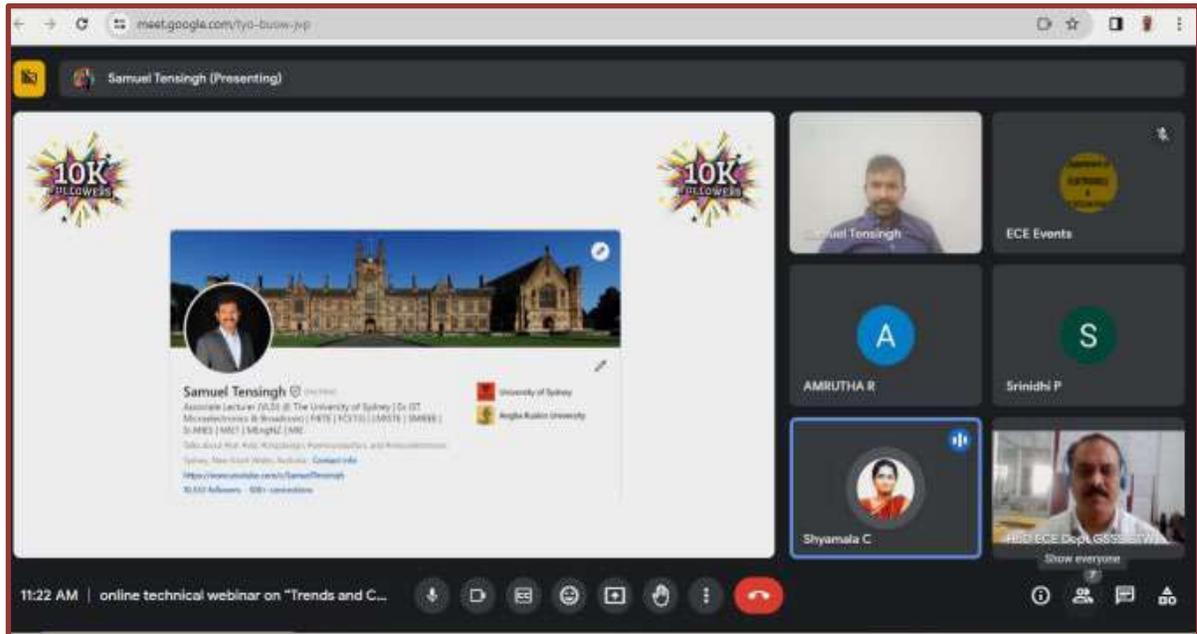
Online Technical Webinar on "Trends and Challenges in VLSI Fabrication Technology" on 22nd December 2023 by the Resource person Samuel Tensing, Associate Lecturer at the School of Biomedical Engineering at the University of Sydney, Australia to 7th semester Students.

Technical guest lecture on "Entrepreneurship"

Technical guest lecture on "Entrepreneurship" on 27th November 2023 by the Resource person   Dr. Yeshawinag for the 5th semester students.

One-day workshop on "Introductory Session on VLSI Technology"

One-day workshop on "Introductory Session on VLSI Technology" in association with learning links foundation on 8th December 2023 for 3rd semester students of department of Electronics and Communication Engineering.

Industrial Visits

VII Semester ECE Students along with Faculties at LAHARI-ESDM Mysore on 8th December 2023

V Semester ECE Students along with Faculties at INFOSYS Mysore Campus on 9th December

III Semester ECE Students along with Faculties at INFOSYS Mysore Campus on 24th February 2024

VIII Semester ECE Students along with Faculties at Stellapps Bangalore Campus on 2nd May 2024

IV Semester ECE Students along with Faculties at NOKIA Bangalore Campus on 14th May 2024.

IV Semester ECE Students attending Technical talk at NOKIA Bangalore Campus on 14th May 2024

VI Sem ECE Students along with Faculties at Stellapps Bangalore on 4th July 2024

IV Sem ECE Students along with Faculties at MCF ISRO, HASSAN on 26th July 2024

Parent -Teacher Meeting

The Parent Teacher Meeting for the 3rd, 5th and 7th semester of ECE was organized on 28/12/2023 and in Even Semester for the 4th and 6th semester of ECE was organized on 29/06/2024

Student Achievements

Student Winners in Inter Institute Events

5th Semester Students Apoorva Narayan Lokare (4GW21EC020), Bindhushree M J (4GW21EC031), Bhoomika K N (4GW21EC028) Secured **3rd Prize** in a State Level Technical Symposium "PLASMA 2K23" under the guidance of held at Jawaharlal Nehru College of Engineering, Shivamogga on 23rd December 2023.

5th Semester Students Apoorva Narayan Lokare (4GW21EC020), Bindhushree M J (4GW21EC031), Bhoomika K N (4GW21EC028) Secured **1st Place** in a Robotic Competiotin held at The National Institute of Engineering, Mysuru on 9th December 2023.

Student Participation- Activities

SL No	Name of the Student	USN	Semester / Section	Mentor/ Guide	Event Details
1	Sahana G M Mahalakshmi D S Preksha B S	4GW22EC125 4GW22EC078 4GW22EC119	3 B 3 B 3 B	Nagesh M S	Event Name: Robo race College: AMC Engineering College Date of Event:12-01-2024
2	Amulya . S Damini Sandeep Vaidya Manisha .S	4GW22EC008 4GW22EE015 4GW22EE029	3A 3D 3D	Keerthi Kumar M	Event name : Robo race College: AMC Engineering College Date of Event:12-01-2024
3	Sanjana C Shravanthi G U Sneha J S	4GW21EC129 4GW21EC137 4GW21EC147	5C 5C 5C	Nagesh M S	Event name: Workshop on RC building and competition Date of Event: 16-01-2024 and 17-01-2024
4	Shravay Raj Sushma V Kumar	4GW21EC138 4GW21EC152	5C 5C	Keerthi Kumar M	Event name: Workshop on RC building and competition Date of Event: 16-01-2024 and 17-01-2024
5	Niveditha N Nikhitha S Maheshwari M Nithyashree N	4GW22EC106 4GW22EC098 4GW22EC079 4GW22EC105	3 B 3 B 3 B 3 B	Dr Basavanna M	Event name: Hardware Hackathon College: BMS Engineering College Date of Event: 14-12-2023 and 15-12-2023
6	Maheshwari M Nithyashree N Nikhitha S Navyashree N	4GW22EC079 4GW22EC105 4GW22EC098 4GW22EC095	3 B 3 B 3 B 3 B	Keerthi Kumar M	Event name: Hacksprint College: PES Engineering College Date of Event: 24-12-2023
7	Kavya V Nishchitha J M Preethi B G Megha Rajshekhar hiremath	4GW22EC065 4GW22EC103 4GW22EC117 4GW22EC085	3 B 3 B 3 B 3 B	Nagesh M S	Event name: Line Follower College: JNNCE Engineering College Date of Event: 23-12-2023
8	Moksha Dechamma Sahithya Dechamma	4GW22EC086 4GW22EC127	3 B 3 C	Dr Sushma S J	Event name: Sustainathon Company :Deshpande Startups Date of Event: 24-11-2023
9	Poornima M R Nayana S K Smitha J Thanushree S	4GW22EC111 4GW22EC096 4GW22EC143 4GW22EC165	3 B 3 B 3 C 3 C	Keerthi Kumar M	Event name Robo Soccer College: JNNCE Engineering College Date of Event: 23-12-2023

10	Poornima M R Nayana S K Smitha J	4GW22EC111 4GW22EC096 4GW22EC143	3 B 3 B 3 C	Keerthi Kumar M	Event name: Robo Soccer College: NIE Engineering College Date of Event: 27-12-2023
11	Likhitha S Preethi Rao Navyashree N	4GW22EC075 4GW22EC118 4GW22EC095	3 B 3 B 3 B	Arpitha Shankar S I	Event name: Robo Racer College: JNNCE Engineering College Date of Event: 23-12-2023
12	Likhitha S Preethi Rao Nayana S K	4GW22EC075 4GW22EC095 4GW22EC096	3 B 3 B 3 B	Keerthi Kumar M	Event name: Robo Racer College: NIE Engineering College Date of Event: 27-12-2023
13	Panchami N	4GW22EC108	3B	Dr Basavanna M	Event name: Robo Racer College: NIE Engineering College Date of Event: 27-12-2023
14	Thanya S Spandana venkatesh Varnika K S Tripurambha S	4GW22EC166 4GW22EC148 4GW22EC166 4GW22EC171	3C 3C 3C 3C	Keerthi Kumar M	Event name: Robo Soccer College: JNNCE Engineering college Date of event:23-12-2023
15	Thanya S Spandana venkatesh Varnika K S Tripurambha S	4GW22EC166 4GW22EC148 4GW22EC166 4GW22EC171	3C 3C 3C 3C	Keerthi Kumar M	Event name: Robo Soccer College: NIE Engineering College Date of Event: 27-12-2023
16	Vathsalya S Shruthi M Thejashwini M S	4GW22EC182 4GW22EC136 4GW22EC168	3C 3C 3C	Dr Basavanna M	Event name: Robo War College: JNNCE Engineering College Date of Event: 23-12-2023
17	Vathsalya S Shruthi M Thejashwini M S	4GW22EC182 4GW22EC136 4GW22EC168	3C 3C 3C	Dr Basavanna M	Event name: Robo Race College: JNNCE Engineering College Date of Event: 23-12-2023
18	Spurthi Anand Tejaswini B Urs Sookshma Gowda Spandana KL	4GW22EC151 4GW22EC163 4GW22EC145 4GW22EC147	3C 3C 3C 3C	Swarnalakshmi K B	Event name: Sustainathon Company: Deshpande Startups Date of Event: 24-11-2023
19	Spurthi Anand Tejaswini B Urs	4GW22EC151 4GW22EC163	3C 3C	Dr Sushma S J	Event name: Web Devlopment PES Engineering College,Mandya Date of Event: 05-01-2024
20	Thrisha M C Vaishnavi R S Varshini M Devu	4GW22EC169 4GW22EC175 4GW22EC180 4GW22EC184	3C 3C 3C 3C	Keerthi Kumar M	Event name: Line Follower College: JNNCE Engineering College Date of Event: 23-12-2023

	Vinuramyashree S A				
21	Thrisha M C Vaishnavi R S Varshini M Devu Vinuramyashree S A	4GW22EC169 4GW22EC175 4GW22EC180 4GW22EC184	3C 3C 3C 3C	Keerthi Kumar M	Event name: Line Follower College: NIE Engineering College Date of Event: 27-12-2023
22	Apoorva Narayan Lokare Bindhushree M J Bhoomika K N	4GW21EC020 4GW21EC031 4GW21EC028	5A 5A 5A	Dr Basavanna M	Event name: Infothon (Hackathon) College: VVCE Mysore Date of Event: 20-1-2024 and 21-1-2024
23	Harshadeepa m n Haramayn imtiaz Dhanushree p gowda	4GW22EC048 4GW22EC047 4GW22EC040	3A 3A 3A	Keerthi Kumar M	Event name: Infothon (Hackathon) College: VVCE Mysore Date of Event: 20-1-2024 and 21-1-2024
24	Dakshitha P L Chandana K L	4GW21EC040 4GW21EC035	5A 5A	Dr C Shyamala and Padma R	Event Name: Intel India Stem Skills Program for Women Through Learning Links Foundation College: Bengaluru Date of Event : 14-3-2023
25	Chandana N Chinmaya J Deekshitha R	4GW21EC036 4GW21EC039 4GW21EC043	5A 5A 5A	Keerthi Kumar M	Event Name: Ideathon College Name: NIE, Mysuru Date: 23 March 2023
26	Amrutha K Akshatha K P	4GW21EC007 4GW21EC005	5A 5A	Nagesh M S Keerthi Kumar M	Event Name:Hackathon College Name: CIT, Gubbi, Tumkuru Date:8th and 9th of July 2023
27	Bhoomika G R Akshatha S S Murthy Ananya M R Chandana K L	4GW21EC027 4GW21EC006 4GW21EC010 4GW21EC035	5A 5A 5A 5A	Anitha K	Event Name:National Conference on Robotics. College: CMTI, Bengaluru Date: 3-7-2023 & 4-7-2023
28	Bhoomika K N Bindhushree M J Apoorva Narayan Lokare	4GW21EC028 4GW21EC031 4GW21EC020	5A 5A 5A	Nagesh M S Keerthi Kumar M	Event name: Technisium College: SIT, Tumkur Date:8-7-2023
29	Bhoomika K N Bindhushree M J Apoorva Narayan Lokare	4GW21EC028 4GW21EC031 4GW21EC020	5A 5A 5A	Nagesh M S Keerthi Kumar M	Event name: Robotopia College: NIE,Mysuru Date:9-12-2023
30	Bhoomika K N Bindhushree M J	4GW21EC028 4GW21EC031 4GW21EC020	5A 5A 5A	Nagesh M S Keerthi Kumar M	Event name: Plasma College: JNNCE, Shivamogga

					Date:23-12-2023
31	Bhoomika K N Bindhushree M J Apoorva Narayan Lokare	4GW21EC028 4GW21EC031 4GW21EC020	5A 5A 5A	Nagesh M S Keerthi Kumar M	Event name: Roborikishi College: NIE,Mysuru Date:27-12-2023
32	Bhoomika K N Bindhushree M J Apoorva Narayan Lokare	4GW21EC028 4GW21EC031 4GW21EC020	5A 5A 5A	Nagesh M S Keerthi Kumar M Basavanna M	Event name: Infothon 2.0 College: VVCE,Mysuru Date:20-1-2024 & 21-1-2024
33	Akshatha S S Murthy Nisarga N M Nithya S Aradhya	4GW21EC006 4GW21EC096 4GW21EC098	5A 5B 5B	Keerthi Kumar M	Event name: 24 hours hackathon College: ATME,Mysuru
34	Minugu R Navya M L Navyashree B Pavithra M N	4GW21EC082 4GW21EC087 4GW21EC089 4GW21EC103	5B 5B 5B 5B	Bharathi R	Event name: Jnana Vignana Tantragnana Mela 2023 College: ATME,Mysuru
35	Parnika B L	4GW21EC102	5B	Nagesh M S	Event name: National level hackathon College: PES College, Mandya Date: 5-1-2024 & 6-1-2024
36	Likitha S Nithyashree Vijaya	4GW21EC073 4GW21EC099	5B 5B	Nagesh M S	Event name: infothon College: VVCE College, Mysuru Date:1-7-2023
37	Veeksha Patel Vaishnavi M R Yukthishree P Sanjana Deshkumar	4GW21EC166 4GW21EC160 4GW21EC169 4GW21EC130	5C 5C 5C 5C	Nagesh M S	Event name: Roborikishi(Robo Race) College:NIE,Mysuru Date:27-12-2023
38	Sneha J S Sanjana C Shravanthi G U	4GW21EC147 4GW21EC129 4GW21EC137	5C 5C 5C	Nagesh M S	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	5C 5C	Nagesh M S	Event name: Workshop on RC building and compitation College:DSCE Banalore Date:16/01/24 to 17/1/24
40	Srushti D A Sangeetha T Parinika B L	4GW21EC151 4GW21EC127 4GW21EC102	5C 5C 5B	Nagesh M S Keerthi Kumar M	Event name: National level hacksprint hachathon College:PES Mandya Date:5/01/24 to 6/01/24
41	Spoorthi B Likitha S	4GW21EC149 4GW22EC075	5C 3B	Nagesh M S	Event name: Plasma(Robo race)

	Preethi Rao P Navyashree N	4GW22EC118 4GW22EC095	3B 3B	Keerthi Kumar M	College:JNNCE,Shivamogga Date:23-12-2023
42	Akshatha Gowda A Bhargavi G Deekshitha GC Kajol Prasad P	4GW22EC004 4GW22EC020 4GW22EC034 4GW22EC059	3A 3A 3A 3A	Nagesh MS Keerthi Kumar M Dr Basavanna M	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, Sahana Kashyap, 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	Syeda Nida , Syeda Shaista , Taskeen Aiman , Zeba Erum, 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 ,	**Event:** National conference on Communication and data science (NCCDS-2024). **Place:** GSSSIETW, Mysuru **Activity:** Presented a paper entitled "**Implementation Of Efficient Truncated Booth Multipliers**".	25th April 2024

	Dr. G Manjula	**Publisher:** International Journal of Trendy Research in Engineering and Technology Volume 8 Proceedings of NCCDS-24 ISSN NO 2582-0958.	
5	Harshitha H S, Ananya Jois , 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,	**Event:** National conference on Communication and data science (NCCDS-2024).	

	Nidhi K P, Nimisha S, Pushpanjali M Dr. Padmashree	**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	"Firefighting Robot"	5,000/-	Rakshitha S Ramyashree N Ranjitha R Tasmeen Taj	1 year
2	KSCST	"Design and development of auto power conversion for EV two Wheeler"	4,000/-	Ananaya Jois, BV Manasa, Harshitha H S, Inchara K S	1 year
3	KSCST	"Guardianbot: advancing marine conservation through plastic cleaning and surveillance "	4,000/-	Divya Mohan Divyashree N Keerthana C Keerthana H K	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.Asha M	Switching Control Strategies for Aircraft Lateral Dynamics	icrtst-2023	International	2023
2	Dr.Asha M	Therapeutic Implications of Voiced Sounds in Children with Communication Needs	Global conference HUB	International	2024

3	Dr.Asha M	Low Power Area Efficient Adaptive Turbo Decoder Architecture For Wireless Network-On-Chip	IEEE xplore	International	2024
4	Sharanya A R	DESIGN OF LOW COST SOFT ROBOTIC HAND	ICRTST-2023	International	2023
5	Harshitha R	A DEEP LEARNING MODEL USING VGG-16 AND NEURAL NETWORKS TO IDENTIFY PHEUMONIA FROM CHEST x-RAY IMAGES	ICICACS-2024	International	2024
6	Harshitha R Dr. Manjula.G , Dr. Raghavendra. Y M , Dr. Asha M	IOT BASED HYBRID GREEN ENERGY DRIVEN HIGHWAY SYSTEM	ICFEST-2024	International	2024
7	Harshitha R	Prediction of Heart Disease Using Naive Bayes and Particle Swarm Optimization (PSO) Method	IEEE xplore	International	2023
8	Swarnalakshmi K B,	Flower Classification using CNN	International Journal Trendy Research in Engineering and Technology	International	2024

9	Keerthi Kumar M	IOT BASED PARENT CONTROLLED E-BIKE	4th National Conference On Communication & Data Science	International	2024
10	Arpitha Shankar S I	Unmanned Multi-Purpose Marine Robot with IoT	5th National Conference On Communication & Data Science	International	2024
11	Padma R	PAGEMASTER: SEAMLESS AUTOMATION FOR FLIPPING AND SCANNING	6th National Conference On Communication & Data Science	International	2024
12	Bharathi. R	DESIGN AND DEVELOPMENT OF HYBRID POWER SYSTEM OF TWO-WHEELER	7th National Conference On Communication & Data Science	International	2024
13	Dr. Jayanth J	LOW-LIGHT IMAGE ENHANCEMENT USING SUPER-RESOLUTION	8th National Conference On Communication & Data Science	International	2024

14	Thilagavathy R	ROBOTIC DEVICE FOR CHILD RESCUE OPERATION FROM BOREWELL	9th National Conference On Communication & Data Science	International	2024
15	Thilagavathy R	AUTOMATED SILKWORM INCUBATOR	10th National Conference On Communication & Data Science	International	2024
16	Boregowda H B	CENTRALIZED MONITORING SYSTEM FOR STREET LIGHT FAULT DETECTION AND LOCATION TRACKING	11th National Conference On Communication & Data Science	International	2024
17	Dr. Padmashree S	MOUNTAIN CLIMBERS' HEALTH AND TRACKING SYSTEM	12th National Conference On Communication & Data Science	International	2024

Journal Publications

Sl No	Name of the author/s	Title of paper	Name of journal	Year of publication
1	Dr.Jayanth J J	Classification of Crops through Self-Supervised Decomposition for Transfer Learning	Journal of Aridland Agriculture	2023

2	Dr.Jayanth J J	Classification of Crop Across Heterogeneous Landscape Through Experienced Artificial Bee Colony	sn computer	2023
3	Dr.Jayanth J J	Optimizing Sheep Breed Classification with Bat Algorithm-Tuned CNN Hyperparameters	sn computer	2023
4	Dr Manjula.G. Dr.Raghavendra Y. M. Dr.Asha M.	Energy Optimization in Spectrum Sensing Using Cognitive Radio Wireless Sensor Networks	wireless personal communications journal	2024
5	Sushma S J	Explainable Heart Disease Diagnosis with Supervised Learning Methods	ADCAIJ - Advances in Distributed Computing and Artificial Intelligence Journal	2023
6	Dr.Raghavendra Y. M.	SBLDAR: A Link Score Based Delay Aware Routing for WSNs	wireless personal communications journal	2023
7	Thilagavathy R	Path Planning for Heterogeneous Robots in ROS based Warehouse Environment	Tuijin Jishu/Journal of Propulsion Technology	2023
8	Thilagavathy R	ROS based SLAM for a Gazebo Simulated Fetch Robot in Unknown Indoor Environment	Tuijin Jishu/Journal of Propulsion Technology	2023
9	Sharanya A R	Design of Low-Cost Soft Robotic Hand	Tuijin Jishu/Journal of Propulsion Technology	2023
10	Spoorthy Y	Switching Control Strategies for Aircraft Lateral Dynamics	Tuijin Jishu/Journal of Propulsion Technology	2023
11	Arpitha Shankar S I	Mapping and Autonomous Navigation of an Indoor Environment in ROS Platform using Multiple Robots Equipped with LIDAR	Tuijin Jishu/Journal of Propulsion Technology	2023
12	Arpitha Shankar S I	Sensor fusion based multiple robot navigation in an indoor environment	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023

13	Dr. Manjula.G , Dr. Latha. M, Dr. Raghavendra. Y M, Dr. Asha M	Therapeutic Implications of Voiced Sounds in Children with Communication Needs	International Research Journal on Advanced Engineering Hub (IRJAEH)	2023
14	Bharathi R, Nalina H D	A Survey of Recent Advances in Hearing Aid Technologies and Trends	International Research Journal on Advanced Engineering Hub (IRJAEH)	2024
15	Harshitha R	A New Deep Learning Model based on Neuroimaging for Predicting Alzheimer's Disease	THE OPEN BIOINFORMATICS JOURNAL	2023
16	Dr. Raghavendra Y M, Dr. Asha.M , Dr. Manjula.G , Dr. Latha.M, SwaranaLakshmi, Harshitha.R	Optimization of Energy and Spectrum Sensing Using Orthogonal Frequency Division Multiple Access	International Research Journal on Advanced Engineering Hub (IRJAEH)	2024
17	Sowjanya M N , Amrutha R, Lalitha K	Multi-Purpose Farm Assist Robot	International Journal of Advanced Research in Computer and Communication Engineering	2023
18	Lalitha K	Design and Development of Robotic Vehicle to Assist Patients in Isolation Ward	International Research Journal on Advanced Engineering Hub (IRJAEH)	2024
19	Dr Latha M , Dr Manjula G, Dr Raghavendra Y M, Keerthi Kumar M , Rashmi H C	Enhancing Skin Cancer Classification on the PH2 Dataset Through Transfer Learning Technique	International Research Journal on Advanced Engineering Hub (IRJAEH)	2024
20	Dr M V Sreenivas Rao	Design and Development of Quadcopter for Agro-Chemical Spray in Agricultural Field	International Research Journal on Advanced Engineering Hub (IRJAEH)	2024

Sl. No	Name of the Inventor	Title		
21	Dr M V Sreenivas Rao	DESIGN AND IMPLEMENTATION OF A BLUETOOTH CONTROLLED FLOOR CLEANING ROBOT	International Journal of Advanced Research in Computer and Communication Engineering	2023
22	Thilagavathy, R	Energy Efficient Routing Protocols for Mobile Robots: A Review	Saudi Journal of Engineering and Technology	2023

Patents Details

Sl. No	Name of the Inventor	Title	Patent filed No	Date
1.	Dr. Latha M, Dr Manjula G, Dr Raghavendra Y M, Dr Asha M, Mr Keerthi Kumar M, Mrs Arpitha Shankar S I, Mrs Nagashree R N, Mrs Thilagavathy R, Mrs Spoorthi Y, Mrs Lalitha K, Mrs Sowjanya M N, Mrs Rashmi H C	DEVELOPING A THERAPEUTIC FRAMEWORK FOR ADDRESSING ARTICULATION DISORDERS IN PATHOLOGICAL SPEECH	202441010353 A	08/03/2024

PG: M.Tech (DCN)

Student Achievements

1. Smitha M S and J Keerthana students of I semester published a design patent on "RECTANGULAR MICROSTRIP PATCH ANTENNA", with design number: 418450-001 dated 30/05/2024

2. J Keerthana student of I semester attended Five-day faculty development program on "Realizing a Software Defined Radio Using FPGA" organized by Department of Electronics and Communication Engineering, GSSSIETW in association with IEEE CAS Society and IEEE student branch GSSSIETW from 20th May 2024 to 24th May 2024.

3. Smitha M S student of I semester attended Five-day faculty development program on "Realizing a Software Defined Radio Using FPGA" organized by Department of Electronics and Communication Engineering, GSSSIETW in association with IEEE CAS Society and IEEE student branch GSSSIETW from 20th May 2024 to 24th May 2024.

4. Smitha M S student of I semester published a paper on "Design of 7GHz Rectangular Microstrip Patch Antenna for Wireless Application" in NCCDS – 2024 organized by Department of Electronics and Communication Engineering, GSSSIETW, Mysuru in association with IETE (Mysuru Subsection), ISTE(Mysuru) and IJTRET on 25th April 2024.

5. J Keerthan student of I semester published a paper on "Design of Multi Frequency Rectangular Microstrip Patch Antenna" in NCCDS – 2024 organized by Department of Electronics and Communication Engineering, GSSSIETW, Mysuru in association with IETE (Mysuru Subsection), ISTE(Mysuru) and IJTRET on 25th April 2024.

6. Smitha M S student of I semester completed NPTEL Swayam course on "Research methodology"

7. J Keerthana student of I semester completed NPTEL Swayam course on "Research methodology"

8. Smitha M S student of I semester completed NPTEL Swayam course on "Foundation of cloud IOT Edge ML"

Industrial Visit

Master Control Facilty (MCF) Hassan on 26th July 2024

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 (10) recognized Research Supervisors in ECE department. Under this Research Centre eight (8) research scholars have been awarded Ph.D. and eight (8) 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: 10

No. of Research Scholars awarded Ph.D.: 08

No. of Research Scholars Pursuing Ph.D.: 08

Grants from different Agencies: Rs.62,68,902/-

No. of Publications by Research Scholars: 59

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. 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	Dr. Rajendra R Patil Prof. and HoD	Ms. Revati C G 4GW17PEA11	Design and Implementation of MIMO antenna for wireless communication	Submitted Thesis. Waiting for final Viva voce	2017	-
8		Mrs. Vanita 4GW17PEA12	Optimization of Energy and Spectral Efficiency using NOMA Techniques for 5G wireless Communication	Submitted Thesis. Waiting for final Viva voce	2017	-
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 4GW16PEC02	Design and Development of Metamaterial based patch antennas for wireless applications	Completed Course Work.	2016	-
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.	Newly registered	2022	-

14	Dr. S. Padmashree Professor, Dept of ECE	Mrs. Lalitha K 4GW20PEC02	Computer Aided Diagnosis of Stomach Cancer Using Artificial Intelligence and Image Processing Technique	Completed Course work	2020	-
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	Newly registered	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 Comprehensive viva	2017	-
21	Dr. Raghavendra. Y. M, Associate Prof.	-	-	-	-	-
22	Dr. Latha. M Associate Prof.	-	-	-	-	-
23	Dr. M.V. Sreenivas Rao, Associate Prof.	-	-	-	-	-

ECE Faculties awarded with Ph.D.

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