



# 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@gsss.edu.in Web : www.geethashishu.in

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ECE ANNUAL REPORT 2022-2023

# AECES

## DEPARTMENTAL ACHEIVERS

### STUDENTS PLACEMENT & INTERNSHIPS WITH STIPEND

#### Highest Package Placement Achiever- 20 LAKHS



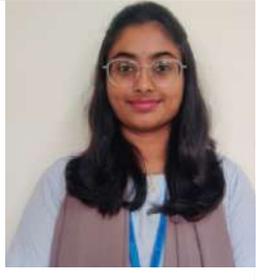
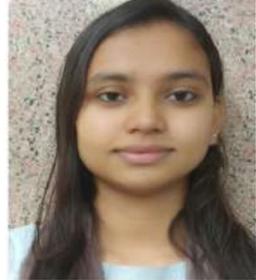
SHREELAXMI GANESH (4GW19EC123)& BHOOMIKA V GUJJAR (4GW19EC025) from the department of Electronics and Communication Engineering, GSSS Institute of Engineering and Technology for Women, Mysuru has bagged the highest salary package offer of 20 Lakh from SAMSUNG R & D during the campus recruitment drive held @ GSSSIETW Mysuru

Sl. No	USN	Name	Company	CTC	Photo
1.	4GW19EC025	BHOOMIKA V GUJJAR	ROCKWELL AUTOMATION	6 LPA	

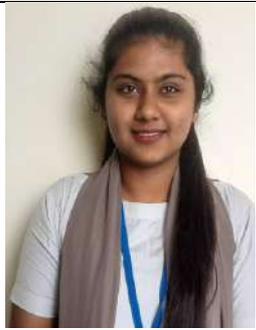
2.	4GW19EC057	KULKARNI DEEPASHREE	HPE R & D	17.5 LPA	
3.	4GW19EC124	SHREYA MODI	HPE R & D NEXTURN	17.5 LPA 5.5 LPA	
4.	4GW19EC075	NAGASHREE	CLARIVATE ANALYTICS COGNIZANT (GEN C)	8.1 LPA 4 LPA	
5.	4GW19EC094	PRANEETHA H M	MSCI COGNIZANT CAPGEMINI	60K STIPEND AFTER CONVERS ION 14.6 LPA 4 LPA 4.25 LPA	
6.	4GW19EC046	HARSHITHA M	SCHNEIDER ELECTRIC CAPGEMINI	9 LPA 4.25 LPA	
7.	4GW19EC135	SONUSHREE	MSCI COGNIZANT NEXTURN CAPGEMINI	60K STIPEND AFTER CONVERS ION 14.6 LPA 4 LPA 5.5 LPA 4.25 LPA	

8.	4GW19EC083	NISARGA KOUSTUBHA C	SCHNEIDER ELECTRIC  CAPGEMINI  COGNIZANT	9 LPA  4.25 LPA  4 LPA	
9.	4GW19EC149	VAISHANAVI N	SCHNEIDER ELECTRIC  EY (GDS)  ACCENTURE  COGNIZANT	9 LPA  4.83 LPA  4.5 LPA  4 LPA	
10.	4GW19EC121	SHOBHA H	SCHNEIDER ELECTRIC  CAPGEMINI	9 LPA  4.25 LPA	
11.	4GW19EC044	HARSHINI J	STATE STREET CORPORATION    COGNIZANT	30K STIPEND AFTER CONVERS ION 8.6 LPA  4 LPA	
12.	4GW19EC054	KAVYA M J	STATE STREET CORPORATION    CAPGEMINI	30K STIPEND AFTER CONVERS ION 8.6 LPA 4.25 LPA	
13.	4GW19EC068	MANVITHA V BHARADWAJ	STATE STREET CORPORATION    ACCENTURE	30K STIPEND AFTER CONVERS ION 8.6 LPA 4.5 LPA	

14.	4GW19EC069	MEDHASHREE K G	STATE STREET CORPORATION	30K STIPEND AFTER CONVERS ION 8.6 LPA	
15.	4GW19EC152	VARSHITHA C S	STATE STREET CORPORATION  EY (GDS)	30K STIPEND AFTER CONVERS ION 8.6 LPA  4.83 LPA	
16.	4GW19EC043	HAJERA SHIRIN A M	STATE STREET CORPORATION  KYNDRYL	30K STIPEND AFTER CONVERS ION 8.6 LPA  5.1 LPA	
17.	4GW19EC048	HEMA B S	TECNOTREE	5 LPA	
18.	4GW19EC098	RACHANA M	TECNOTREE	5 LPA	
19.	4GW19EC038	DIVYA H	TELSTRA  VISTEON CORPORATION  CAPGEMINI  COGNIZANT	8.74 LPA  7 PLA 4.25 LPA  4 LPA	

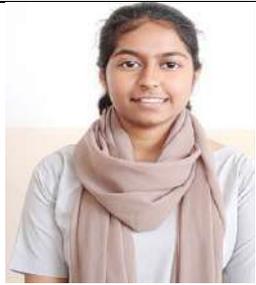
20.	4GW19EC084	NISHA M N	TELSTRA	8.74 LPA	
21.	4GW19EC103	RAKSHA M	TELSTRA CAPGEMINI	8.74 LPA 4.25 LPA	
22.	4GW19EC150	VAISHNAVI V	TELSTRA	8.74 LPA	
23.	4GW19EC156	VIJAYA S GOWDA	TELSTRA	8.74 LPA	
24.	4GW19EC040	GAYATHRI H K	TELSTRA	8.74 LPA	
25.	4GW19EC132	SNEHA N S	ERICSSON (GET- DIGITAL ROLE)  VISTEON CORPORATION  CAPGEMINI	8.25 LPA  7 LPA  5.75 LPA	

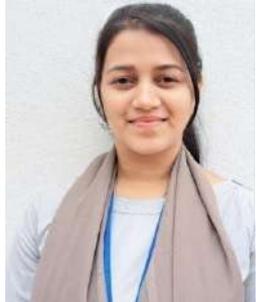
26.	4GW19EC003	AKSHAYA A M	VISTEON CORPORATION	7 LPA	
			NEXTURN	5.5 LPA	
			ACCENTURE	4.5 LPA	
			CAPGEMINI	4.25 LPA	
			COGNIZANT	4 LPA	
27.	4GW19EC070	MEGHA R S	ACCENTURE	4.5 LPA	
			CAPGEMINI	4.25 LPA	
28.	4GW19EC116	SANJANA R	HONEYWELL	30K STIPEND AFTER CONVERSION 9 LPA	
			ACCENTURE	4.5 LPA	
			CAPGEMINI	4.25 LPA	
29.	4GW19EC030	CHANDANA M SINGH	DELL TECHNOLOGIES (IT)	7.9 LPA	
			CAPGEMINI	4.25 LPA	
			COGNIZANT	4 LPA	
30.	4GW19EC010	ANKITHA M	ERICSSON (AET ROLE)	4.5 LPA	

31.	4GW19EC016	APOORVA H P	ERICSSON (AET ROLE)	4.5 LPA	
32.	4GW19EC032	CHANDANA S	ERICSSON (AET ROLE)	4.5 LPA	
33.	4GW19EC049	IMPANA G B	ERICSSON (AET ROLE)  CAPGEMINI	4.5 LPA  4.25 LPA	
34.	4GW19EC072	MEGHANA K N	ERICSSON (AET ROLE)	4.5 LPA	
35.	4GW19EC089	PAVITHRA H S	HONEYWELL  ERICSSON (AET ROLE)  COGNIZANT	30K STIPEND AFTER CONVERS ION 9 LPA  4.5 LPA  4 LPA	
36.	4GW19EC102	RAJESHWARI G S	ERICSSON (AET ROLE)  CAPGEMINI	4.5 LPA  4.25 LPA	

37.	4GW19EC114	SAKSHI	ERICSSON (AET ROLE)	4.5 LPA	
38.	4GW19EC115	SANGEETHA M	ERICSSON (AET ROLE)	4.5 LPA	
39.	4GW19EC118	SHAMA V	HONEYWELL  ERICSSON (AET ROLE)  COGNIZANT	30K STIPEND AFTER CONVERS ION 9 LPA  4.5 LPA  4 LPA	
40.	4GW19EC126	SHUBHI CHAUHAN	VISTEON CORPORATION  ERICSSON (AET ROLE)  CAPGEMINI	7 LPA  4.5 LPA  4.25 LPA	
41.	4GW19EC136	SPOORTHI C	ERICSSON (AET ROLE)  CAPGEMINI  COGNIZANT	4.5 LPA  4.25 LPA  4 LPA	
42.	4GW19EC142	SUSHMA AMALKAR S	ERICSSON (AET ROLE)  CAPGEMINI	4.5 LPA  4.25 LPA	

43.	4GW19EC125	SHUBHADI A S	ERICSSON (AET ROLE)  CAPGEMINI	4.5 LPA  4.25 LPA	
44.	4GW19EC081	NIKITHA PRADEEP	VISTEON CORPORATION  EY (GDS)  CAPGEMINI  COGNIZANT	7 LPA  4.83 LPA  4.25 LPA  4 LPA	
45.	4GW19EC139	SUKRUTHA K	LAM RESEARCH  VISTEON CORPORATION  CAPGEMINI	16.02 LPA  7 LPA  4.25 LPA	
46.	4GW19EC029	CHAITHRA M S	VISTEON CORPORATION	7 LPA	
47.	4GW19EC063	LISHA L	VISTEON CORPORATION  CAPGEMINI	7 LPA  4.25 LPA	
48.	4GW19EC018	ARCHANA D	COGNIZANT	4 LPA	

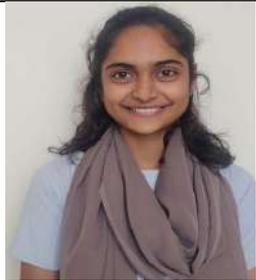
49.	4GW19EC026	BRATATI BISWAS	BOEING COGNIZANT	8.5 LPA 4 LPA	
50.	4GW19EC033	CHANDANA C	APPLIED MATERIALS COGNIZANT	9.67 LPA 4 LPA	
51.	4GW19EC035	DEEPTHI J	DELL TECHNOLOGIES (PRE-SALES) COGNIZANT	8.4 LPA 4 LPA	
52.	4GW19EC042	H P THANUSHREE	CAPGEMINI COGNIZANT	4.25 LPA 4 LPA	
53.	4GW19EC051	K S DEEPIKA	COGNIZANT	4 LPA	
54.	4GW19EC062	LIKITHA P	ROCKWELL AUTOMATION CAPGEMINI COGNIZANT	6 LPA 4.25 LPA 4 LPA	

55.	4GW19EC100	RACHANA N	LAM RESEARCH COGNIZANT	16.02 LPA 4 LPA	
56.	4GW19EC137	SUCHIRA M	CLARIVATE ANALYTICS CAPGEMINI SIEMENS COGNIZANT	8.1 LPA 5.75 LPA 5 LPA 4 LPA	
57.	4GW19EC148	VAISHNAVI M	SOCIETE GENERALE (SOCGEN) COGNIZANT	6.6 LPA 4 LPA	
58.	4GW19EC157	VIJAYALAXMI GACHCHINAMA TH	NOKIA NEXTURN CAPGEMINI COGNIZANT	8.2 LPA 5.5 LPA 4.25 LPA 4 LPA	
59.	4GW19EC004	AMANI R	DELL TECHNOLOGIES (PRESALES) KYNDRYL CAPGEMINI	8.4 LPA 5.1 LPA 4.25 LPA	
60.	4GW19EC011	ANKITHA N	SOCIETE GENERALE (SOCGEN) KYNDRYL CAPGEMINI	6.6 LPA 5.1 LPA 4.25 LPA	

61.	4GW19EC024	BHOOMIKA MURTHY S	SOCIETE GENERALE (SOCGEN)  KYNDRYL  CAPGEMINI	6.6 LPA  5.1 LPA  4.25 LPA	
62.	4GW19EC027	CHAITHANYA D N	KYNDRYL	5.1 LPA	
63.	4GW19EC041	GREESHMA SHANKAR	NOKIA  KYNDRYL  CAPGEMINI	8.2 LPA  5.1 LPA  4.25 LPA	
64.	4GW19EC053	KAVITHA T	KYNDRYL  CAPGEMINI	5.1 LPA  4.25 LPA	
65.	4GW19EC058	KUMUDA C	BOEING  KYNDRYL  CAPGEMINI	8.5 LPA  5.1 LPA  4.25 LPA	
66.	4GW19EC064	MAHIMA CHOWDRY N	KYNDRYL  CAPGEMINI	5.1 LPA  4.25 LPA	
67.	4GW19EC076	NAMITHA K S	KYNDRYL  CAPGEMINI	5.1 LPA  4.25 LPA	

68.	4GW19EC077	NANDITHA N	KYNDRYL	5.1 LPA	
69.	4GW19EC080	NAYANA S N	KYNDRYL	5.1 LPA	
70.	4GW19EC085	NISHA R URS	SOCIETE GENERALE (SOCGEN)  KYNDRYL	6.6 LPA  5.1 LPA	
71.	4GW19EC099	RACHANA M R	APPLIED MATERIALS  KYNDRYL	9.67 LPA  5.1 LPA	
72.	4GW19EC101	RACHANA S	ATHER ENERGY  KYNDRYL  CAPGEMINI	10 LPA  5.1 LPA  4.25 LPA	
73.	4GW19EC106	RAKSHITHA U C	LULULEMON  KYNDRYL  CAPGEMINI	14 LPA  5.1 LPA  4.25 LPA	

74.	4GW19EC108	RENUKA H	KYNDRYL	5.1 LPA	
75.	4GW19EC111	SAHANA N B	KYNDRYL CAPGEMINI COGNIZANT	5.1 LPA 4.25 LPA 4 LPA	
76.	4GW19EC112	SAHANA S	KYNDRYL	5.1 LPA	
77.	4GW19EC117	SANKEERTHAN A M R	KYNDRYL	5.1 LPA	
78.	4GW19EC119	SHARON SARAH S	LULULEMON KYNDRYL	14 LPA 5.1 LPA	
79.	4GW19EC127	SHUKRUTHI M C	LIGHT & WONDER KYNDRYL CAPGEMINI	8.76 LPA 5.1 LPA 4.25 LPA	
80.	4GW19EC130	SIRI SANJAYA B	KYNDRYL CAPGEMINI	5.1 LPA 4.25 LPA	

81.	4GW19EC153	VIBHA ARADHYA K N	KYNDRYL	5.1 LPA	
82.	4GW19EC158	ZULFA SYED	LULULEMON CAPGEMINI KYNDRYL	14 LPA 5.75 LPA 5.1 LPA	
83.	4GW19EC005	AMULYA T N	SOCIETE GENERALE (SOCGEN) NEXTURN	6.6 LPA 5.5 LPA	
84.	4GW19EC039	LAKSHMI TEJASHWINI G	NEXTURN SIEMENS	5.5 LPA 5 LPA	
85.	4GW19EC122	SHRAVANA M	BOEING NEXTURN TCS	8.5 LPA 5.5 LPA 3.96 LPA	
86.	4GW19EC144	SUSHMITHA R	LIGHT & WONDER NEXTURN HAPPIEST MINDS DXC TECHNOLOGY	8.76 LPA 5.5 LPA 5.4 LPA 4.2 LPA	

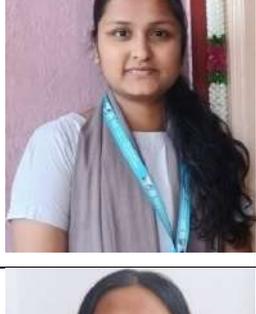
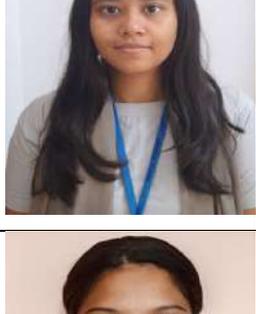
87.	4GW19EC007	ANITHA K M	<b>EMBITEL TECHNOLOGIES</b>  <b>TRICON INFOTECH</b>  <b>CAPGEMINI</b>	<b>8 LPA</b>  <b>5.5 - 6 LPA</b>  <b>4.25 LPA</b>	
88.	4GW19EC021	BHAVANA J	<b>BOEING</b>  <b>TRICON INFOTECH</b>  <b>CAPGEMINI</b>	<b>8.5 LPA</b>  <b>5.5 - 6 LPA</b>  <b>4.25 LPA</b>	
89.	4GW19EC052	KAVANA M D	<b>CAPGEMINI</b>	<b>4.25 LPA</b>	
90.	4GW19EC056	KSHITHI Y J	<b>CAPGEMINI</b>	<b>4.25 LPA</b>	
91.	4GW19EC090	POOJA G ANGUR	<b>CAPGEMINI</b>  <b>DXC TECHNOLOGY</b>	<b>4.25 LPA</b>  <b>4.2 LPA</b>	
92.	4GW19EC145	SWATHI C	<b>TRICON INFOTECH</b>  <b>CAPGEMINI</b>	<b>5.5 - 6 LPA</b>  <b>4.25 LPA</b>	
93.	4GW19EC138	SUKANYA R	<b>CAPGEMINI</b>  <b>DXC TECHNOLOGY</b>	<b>4.25 LPA</b>  <b>4.2 LPA</b>	

94.	4GW19EC140	SUPRIYA A S	SIEMENS CAPGEMINI	5 LPA 4.25 LPA	
95.	4GW19EC141	SUPRIYA R GOWDA	LIGHT & WONDER  TRICON INFOTECH  SIEMENS  CAPGEMINI	8.76 LPA  5.5 - 6 LPA  5 LPA  4.25 LPA	
96.	4GW19EC008	ANJALI	CAPGEMINI	4.25 LPA	
97.	4GW19EC017	AQSHA RIZVI	LULULEMON  HAPPIEST MINDS  CAPGEMINI  DXC TECHNOLOGY	41 LPA  5.4 LPA  4.25 LPA  4.2 LPA	
98.	4GW19EC059	KUSUMA G	CAPGEMINI	4.25 LPA	
99.	4GW19EC146	SWATHI M D	COGNIZANT	4 LPA	

100.	4GW19EC023	BHAVYASHREE M	BOEING  TRICON INFOTECH  SIEMENS	8.5 LPA  5.5 - 6 LPA  5 LPA	
101.	4GW19EC036	DHANYASHREE K B	BOEING  SIEMENS	8.5 LPA  5 LPA	
102.	4GW19EC050	JANHAVI H	SIEMENS  DXC TECHNOLOGY	5 LPA  4.2 LPA	
103.	4GW19EC093	PRAKRUTHI D G	LIGHT & WONDER  SIEMENS	8.76 LPA  5 LPA	
104.	4GW19EC060	KUSUMA S	SIEMENS	5 LPA	
105.	4GW19EC134	SNEHA T M	SIEMENS	5 LPA	
106.	4GW19EC110	SAHANA C S	SIEMENS	5 LPA	

107.	4GW19EC001	AFIFA	APTEAN	6.5 LPA	
108.	4GW19EC006	ANANYA S	HAPPIEST MINDS	5.4 LPA	
109.	4GW19EC012	ANNAPOORNA N	EMBITEL TECHNOLOGIES HAPPIEST MINDS DXC TECHNOLOGY	8 LPA 5.4 LPA 4.2 LPA	
110.	4GW19EC107	RAMYASHREE H B	HAPPIEST MINDS DXC TECHNOLOGY	5.4 LPA 4.2 LPA	
111.	4GW19EC055	KEERTHANA L P	LULULEMON DXC TECHNOLOGY	14 LPA 4.2 LPA	
112.	4GW19EC097	PRIYADARSHINI H D	DXC TECHNOLOGY	4.2 LPA	

113.	4GW19EC147	TANYA GOWDA H P	EMBITEL TECHNOLOGIES  DXC TECHNOLOGY	8 LPA  4.2 LPA	
114.	4GW19EC155	VIDYASHREE D V	LIGHT & WONDER	8.76 LPA	
115.	4GW19EC020	BHAVANA A S	CGI	3.93 LPA	
116.	4GW19EC151	VARSHINI M	ROCKWELL AUTOMATION  CGI	6 LPA  3.93 LPA	
117.	4GW20EC414	ROJA B S	BOEING	8.5 LPA	
118.	4GW20EC411	PAVITRA C J	SMITHS DETECTION	12K/MONT H STIPEND AFTER CONVERS ION 5.46 LPA	
119.	4GW19EC009	ANJALI R	SMITHS DETECTION	12K/MONT H STIPEND AFTER CONVERS ION 5.46 LPA	

120.	4GW20EC402	BHAGYASHREE	SMITHS DETECTION	12K/MONT H STIPEND AFTER CONVERS ION 5.46 LPA	
121.	4GW19EC133	SNEHA S	SMITHS DETECTION	12K/MONT H STIPEND AFTER CONVERS ION 5.46 LPA	
122.	4GW19EC128	SINCHANA S	NOKIA	8.2 LPA	
123.	4GW19EC092	POORNIMA S	GENPACT	3.6 LPA	
124.	4GW19EC095	PRATHEEKSHA D	ROCKWELL AUTOMATION	6 LPA	
125.	4GW19EC091	POOJA M	ROCKWELL AUTOMATION	6 LPA	
126.	4GW19EC028	CHAITHRA K	LULULEMON	14 LPA	

127.	4GW19EC120	SHEETAL T A	LULULEMON	14 LPA	
128.	4GW19EC031	CHANDANA N	TATA TECHNOLOGIES  FACE PREP	4.65 LPA  3.06 LPA	
129.	4GW19EC096	PRATHEEKSHA R RAJ	FACE PREP	3.06 LPA	
130.	4GW19EC074	MOUNISHA N	TATA TECHNOLOGIES	4.65 LPA	

## Hackathon Winners



4<sup>th</sup> semester students Chinmaya J (4GW21EC039), Chandana N (4GW21EC036), Deekshitha R (4GW21EC043) Won best women's team award with 1lakh prize (5k cash and rest subscription) in SYBIOT-2023 Hackathon on 5th and 6th May at VVCE, Mysuru



4<sup>th</sup> semester students Chinmaya J (4GW21EC039), Chandana N (4GW21EC036), Deekshitha R (4GW21EC043) Won 2<sup>nd</sup> Prize with 6K cash prize in Ideathon at NIE, Mysuru on 25<sup>th</sup> March 2023

## ECE TOPPERS LIST

3<sup>rd</sup> Sem

SI No	NAME	USN	PERCENTAGE	PHOTO
1	BHAVYASHREE M	4GW18EC014	88.33%	
2	KAVYASHREE H K	4GW18EC037	88.22%	
3	INCHARA H S	4GW18EC031	88.22%	
4	NAYANA K S	4GW18EC056	88%	
5	SHWETHA S	4GW18EC092	88%	

**5<sup>th</sup> sem**

<b>Sl No</b>	<b>NAME</b>	<b>USN</b>	<b>PERCENTAGE</b>	<b>PHOTO</b>
<b>1</b>	<b>ANUSHA S A</b>	<b>4GW20EC009</b>	<b>91.89%</b>	
<b>2</b>	<b>ARCHANA R</b>	<b>4GW20EC013</b>	<b>90.78%</b>	
<b>3</b>	<b>NIDHI K P</b>	<b>4GW20EC085</b>	<b>89.33 %</b>	

**7<sup>th</sup> sem**

<b>Sl. No</b>	<b>NAME</b>	<b>USN</b>	<b>PERCENTAGE</b>	<b>PHOTO</b>
<b>1</b>	<b>PRATHEEKSHA.D</b>	<b>4GW19EC095</b>	<b>93.00%</b>	
<b>2</b>	<b>SUKRUTHA K</b>	<b>4GW19EC139</b>	<b>91.50%</b>	
<b>3</b>	<b>VIJAYA S GOWDA</b>	<b>4GW19EC156</b>	<b>91.25%</b>	

**EVEN SEM-2023****8<sup>th</sup> sem**

<b>Sl. No</b>	<b>NAME</b>	<b>USN</b>	<b>PERCENTAGE</b>	<b>PHOTO</b>
<b>1</b>	SUKRUTHA K	4GW19EC139	<b>94.60%</b>	
<b>2</b>	PRATHEEKSHA.D	4GW19EC095	<b>93.80%</b>	
<b>3</b>	SHREELAXMI GANESH	4GW19EC123	<b>92.00%</b>	

**Student Activities & Publications**

- Conference Presentation: 20
- Project Expo Presentation: 52
- Workshops Attended:39
- SDP Participation:128

# DEPARTMENTAL ACHIEVEMENTS

## TECHNICAL FORUM – AECES & IETE – 2022-23

Three day workshop on “Embedded Systems & IoT ” held at GSSSIETW, Mysuru  
1/02/2023 to 11/02/2023 (three slots for each section)



Mr. Thejas A V, Embedded Solutions, Mysore , for 3<sup>rd</sup> sem A,B & C sec students

Introductory session for the “Courses offered by IBM through CSR initiative IBM skills build” held at GSSSIETW, Mysuru for 1<sup>st</sup> and 3<sup>rd</sup> semester students of ECE, CSE, ISE, EEE & AI&ML on 25<sup>th</sup> January 2023



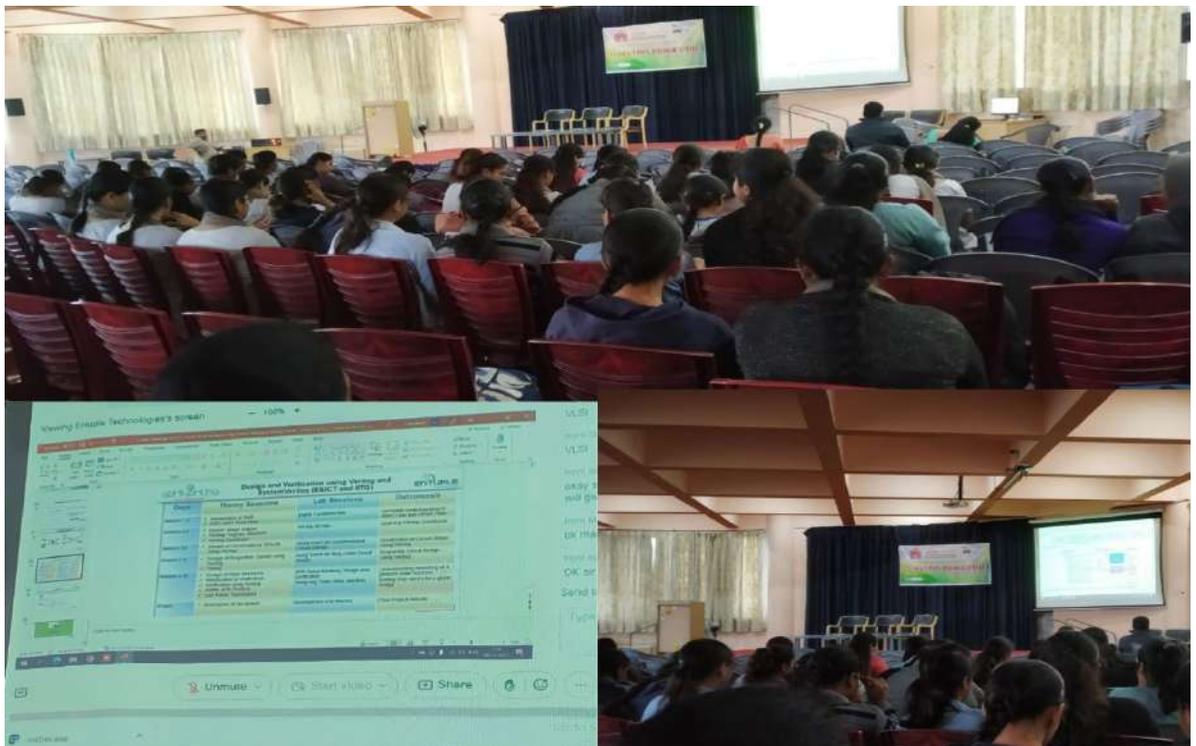
Mrs Anjali Verma, Associate consultant, Digital skills, CSRBOX and NGOBOX, Ahmedabad, addressed the students about various skill build program offered by IBM such as Innovation in Entrepreneurship and data analytics

**Talk on “A introductory session on VLSI Technology” course sponsored by Intel India STEM Skills Program for Women on 10/01/2023 to 11/01/2023**



Mr.Sachin Kumar Patil , Mr. Ganneshwar M P ,Senior Consultant, Dept of Technology and Innovation addressing 5th and 3<sup>rd</sup> Sem ECE students.

**Online webinar on “Career Roadmap for VLSI Design & Verification using System Verilog” held at GSSSIETW, Mysuru for 7<sup>th</sup> semester students of ECE on 9<sup>th</sup> December 2022.**



The resource person from Entuple Technologies, Bengaluru addressed the students about the career opportunities for ECE students in semiconductor industry.

**Technical Talk on “Future and Opportunities in Semiconductor Industry” on 09/11/2022 for 5<sup>th</sup> Sem Students.**



**Mr.Chandan H .P, ASIC Design Verification Engineer, Frenus Tech Pvt Ltd, Bengaluru , addressing 5<sup>th</sup> Sem ECE students.**

**Devfest-2022(developer’s fest) technical talk conducted by GDG (Google Developers Group), Mysore on 15/10/2022 for 5<sup>th</sup> semester students**



**Mrs.Usha Rengaranju ,Chief Data Scientist, Polymath, addressing 5<sup>th</sup> sem ECE students**

**Talk on “DADB –Creating Oppurtunities”held at GSSSIETW Mysuru for 6<sup>th</sup>  
Semester ECE students on 16/6/2023**



**Dr.Ing Carsten S Schroder, Mr Neelesh Reddy and Mrs.Sharanya addressed 6<sup>th</sup> Sem students  
on career in 5G technologies.**

## Student Achievements

Sl. No	Name of Student	Workshop/Seminar/internship/ Technical/Non-Technical Event	Event Date
1	Chanadana N , Chinmaya J, Deekshitha.R	<b>Event:</b> Participated in 7 <sup>th</sup> National level Techno exhibition <b>Place:</b> Dr Ambedkar Institute of Technology Bangalore	13 <sup>th</sup> April 2023
2	Chanadana N , Chinmaya J, Deekshitha.R	<b>Event:</b> Secured 2 <sup>nd</sup> place in Idea Presentation at NIE-IDEAthon 2023 <b>Place:</b> National Institute of Engineering, Mysuru	25 <sup>th</sup> March 2023
3	Chandana K L, ,P Deekshitha	<b>Event:</b> Secured 2 <sup>nd</sup> place in VLSI Hackathon for Intel India STEM skills program for Women <b>Place:</b> Learning Links Foundation with support from Intel Technology Pvt Ltd	15 <sup>th</sup> March 2023
4	M.J.Bindhushree, Apoorva N Lokare	<b>Event:</b> Secured consolation prize in VLSI Hackathon for Intel India STEM skills program for Women <b>Place:</b> Learning Links Foundation with support from Intel Technology Pvt Ltd	15 <sup>th</sup> March 2023
5	Ramya B E , Rakshitha S	<b>Event:</b> Participated in VLSI Hackathon for Intel India STEM skills program for Women <b>Place:</b> Learning Links Foundation with support from Intel Technology Pvt Ltd	March 2023
6	Nithya S Aradhya Akshatha S S Murthy Pooja C	<b>Event:</b> Tech-Avishkar, 24 hour hackathon. <b>Place:</b> ATME College of engineering	21 <sup>nd</sup> & 22 <sup>nd</sup> December 2022
7	M S Vaishnavi, Prathiksha P M, Nisaraga M J, Pruthvi S, Nandini M, Neha G, Priya Naik, Nimisha S, Pushpanjali M, Prathiksha C B, Spoorthi K G, Sindhu S, Spoorthy R, Samma Mohammadi, Shubhashree M, Shivashree M Sneha M, Spoorthy M J, Rihana Banu S, Sanjana M, Spoorthy M S, Sanjana R Salimath, Meghana P Gowda, Syeda Shaista, M Aishwarya, R Chaitra, Tamkeen Fernik M, Neha D, Nayana B P, Namratha S, Nidhishree S, Priya Bai S	<b>Event:</b> India's Biggest one day practical website development and live hosting workshop. <b>Place:</b> NIE, Mysuru	17 <sup>th</sup> December 2022

## INDUSTRIAL VISITS 2022-23

Sl No	Students	Industry	Domain	Date
1	8th Sem ECE Students	STELLAPPS, BANGALORE	IoT	12-04-2023
2	6th Sem ECE Students	U.R. RAO SATELLITE CENTRE (ISRO), BANGALORE	Communication	08-05-2023
3	6th Sem ECE Students	CDAC, BANGALORE	Communication	31-05-2023
4	3rd Sem ECE Students	MYMUL, MYSURU	IoT & Embedded	9-01-2023 & 10-01-2023
5	5 <sup>th</sup> Sem ECE Students	DFRL, MYSURU	IoT & Embedded	11-01-2023 & 12-01-2023
6	7 <sup>th</sup> Sem ECE Students	KAYNES TECHNOLOGY, MYSURU	Electronics	12-12-2022 to 14-12-2022

## PARENTS – TEACHERS MEETING

### PHOTO GALLERY OF ODD SEM PARENT- TEACHER MEETING- 2022



The Parent Teacher Meeting for the 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester of ECE was organized on 28/11/2022. And in Even Semester 6<sup>th</sup> and 8<sup>th</sup> semester of ECE was organized on 21/04/2023 Parents interacted with concerned staff, Counselors and HOD. They registered their complaints and learnt about their ward from the staffs. Overall they were happy with the interactions. They gave useful feedback and suggestions.

## FACULTY ACHIEVEMENTS

### Sponsored Projects

#### WISE-KIRAN: CURIE Projects

<b>Title</b>	<b>"Consolidation of University Research for Innovation and Excellence (CURIE) Core Grant for Women PG Colleges"</b>
Sponsored Organization	Department of Science & Technology, Government of India.
Project File No	DST/CURIE-PG /2422/71
PI	Dr. Shivakumar M, Principal
Nodal officer	Dr Jayanth J, Professor
Amount Grant	Rs. 43,76,106/-
Duration	36 Months

#### KSCST Sponsored Student Projects

SI No	Funded by	Project Title	Students Name	Amount
1	KSCST	“Automatic medicine vending machine using Rfid technology for old age people”	Nayana S N, Pooja G Angur, Suchithra K J, Sowndarya N	Rs. 5,000/-
2	KSCST	“IOT based wearable wrist band device for patients suffering from alzheimer disease”	B K Renushree, Anusha C M, Bhavana M	Rs. 5,000/-
3	KSCST	“IoT based river cleaning system”	Pavithra H S, Nisha M N, Rachana S, Rajeshwari G S	Rs. 4,000/-

#### 1. Faculty FDP / Workshops / Journals / Publication Summary 2022-23

- Publications: 39
- Books/Book Chapter: 04
- Conferences Attended: 33
- Workshops/FDP: 65

#### 2. Organized Four weeks Internship training on Embedded Systems & Robotics, LabVIEW, IoT, Software Defined Radios, Signal Processing, Data Science using Python.

## Patent Details 2022-23

**Dr. G Manjula has applied patent during 2022-23**

**Application No. 202241058452**

**Publication date in Journal: 21/10/2022**

**Title: *Method for precision Agriculture using Internet of things***

**Dr. Jayanth J and Dr Rahjendra R Patil has applied patent during 2022-23**

**Application No. 375450-001**

**Publication date in Journal: 10/12/2022**

**Title: *Automatic Sprayer For Bee Hive Removal***

**Dr. Jayanth J and Mr. Dileep R has applied patent during 2022-23**

**Application No. 373149-001**

**Publication date in Journal: 27/10/2022**

**Title: *Automatic door lock system for Wardrobes***

**Smt. Anitha.k has applied patent during 2022-23**

**Application No. 202241041369**

**Publication date in Journal: 19/07/2022**

**Title: *Artificial intelligence and IOT based intelligent Automation(home using Wi-Fi and Android Application***

**Nagesh M S has applied patent during 2022-23**

**Application No. 202241037444**

**Publication date in Journal: 08/07/2022**

**Title: *Data Science, AI, ML algorithms based Paddy Disease Avoidance System using DNN & Image Processing approach***

## **PG: M.TECH (DCN)**

### **ACTIVITIES 2022-23**

1. Anisha A, III sem M.Tech (DCN) published a patent on “PORTABLE AUTO SPRAYER FOR BEEHIVE AVOIDANCE – SAFE REMOVAL OF BEEHIVES”, Application No.: 202341001377 A; Publication Date : 13/01/2023
2. R Shree Hansa, III sem M.Tech (DCN) published a patent on “PORTABLE AUTO SPRAYER FOR BEEHIVE AVOIDANCE – SAFE REMOVAL OF BEEHIVES”, Application No.: 202341001377 A; Publication Date : 13/01/2023
3. Vaishnavi, III sem M.Tech (DCN) published a patent on “PORTABLE AUTO SPRAYER FOR BEEHIVE AVOIDANCE – SAFE REMOVAL OF BEEHIVES”, Application No.: 202341001377 A; Publication Date : 13/01/2023
4. R Shree Hansa, IV sem M.Tech (DCN) attended online Workshop on “Design and Analysis of Microwave Antennas using HFSS” in association with IEEE MTT-Student Vardhaman Chapter, Vardhaman Engineering College, Hyderabad, Telangana from 26<sup>th</sup> June 2023 to 1<sup>st</sup> July 2023.
5. Anisha A, III sem M.Tech (DCN) published a paper on “First quality identification and classification by convolutional neural network” in ICACI-2022 at GSSSIETW, Mysuru held during 16th - 17th dec 2022.
6. R Shree Hansa, III sem M.Tech (DCN) published a paper on “Design and analysis of 6G microstrip patch antenna” in ICACI-2022 at GSSSIETW, Mysuru held during 16th - 17th dec 2022.
7. Anisha A, III sem M.Tech (DCN) participated in 3rd international conference on Adaptive computational intelligence, ICACI 2022 in Technical collaboration with Springer held during 16th - 17th dec 2022
8. R Shree Hansa, III sem M.Tech (DCN) participated in 3rd international conference on Adaptive computational intelligence, ICACI 2022 in Technical collaboration with Springer held during 16th - 17th dec 2022
9. Vaishnavi, III sem M.Tech (DCN) participated in 3rd international conference on Adaptive computational intelligence, ICACI 2022 in Technical collaboration with Springer held during 16th - 17th dec 2022
10. Anisha A, III sem M.Tech (DCN) attended Internship on “RF components Modeling and Simulation using HFSS tool” at Entuple Technologies Bengaluru from 31<sup>st</sup> October 2022 to 23<sup>rd</sup> November 2022.

11. R Shree Hansa, III sem M.Tech (DCN) attended Internship on “RF components Modeling and Simulation using HFSS tool” at Entuple Technologies Bengaluru from 31<sup>st</sup> October 2022 to 23<sup>rd</sup> November 2022.
12. Vaishnavi, III sem M.Tech (DCN) attended Internship on “RF components Modeling and Simulation using HFSS tool” at Entuple Technologies Bengaluru from 31<sup>st</sup> October 2022 to 23<sup>rd</sup> November 2022.
13. Anisha A, III sem M.Tech (DCN) attended FDP on “Realisation of 2x2 MIMO Systems on SDR using Graphical System Design in LabVIEW” at GSSSIETW, Mysuru from 6<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022.
14. R Shree Hansa, III sem M.Tech (DCN) attended FDP on “Realisation of 2x2 MIMO Systems on SDR using Graphical System Design in LabVIEW” at GSSSIETW, Mysuru from 6<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022.
15. Vaishnavi, III sem M.Tech (DCN) attended FDP on “Realisation of 2x2 MIMO Systems on SDR using Graphical System Design in LabVIEW” at GSSSIETW, Mysuru from 6<sup>th</sup> September 2022 to 10<sup>th</sup> September 2022.
16. Anisha A, III sem M.Tech (DCN) attended Workshop on “ML/DL application enablement on PARAM utkarsh HPC system” at CDAC Bangalore from 18<sup>th</sup> July 2022 to 22<sup>nd</sup> July 2022.
17. R Shree Hansa, III sem M.Tech (DCN) attended Workshop on “ML/DL application enablement on PARAM utkarsh HPC system” at CDAC Bangalore from 18<sup>th</sup> July 2022 to 22<sup>nd</sup> July 2022.
18. Vaishnavi, III sem M.Tech (DCN) attended Workshop on “ML/DL application enablement on PARAM utkarsh HPC system” at CDAC Bangalore from 18<sup>th</sup> July 2022 to 22<sup>nd</sup> July 2022.
19. Anisha A, III sem M.Tech (DCN) attended Workshop on “Embedded Systems and IoT” at GSSSIETW Mysuru from 25<sup>th</sup> February 2022 to 26<sup>th</sup> February 2022
20. R Shree Hansa, III sem M.Tech (DCN) attended Workshop on “Embedded Systems and IoT” at GSSSIETW Mysuru from 25<sup>th</sup> February 2022 to 26<sup>th</sup> February 2022
21. Vaishnavi, III sem M.Tech (DCN) attended Workshop on “Embedded Systems and IoT” at GSSSIETW Mysuru from 25<sup>th</sup> February 2022 to 26<sup>th</sup> February 2022
22. Students of III Semester MTech (DCN) visited Deshila Technology Research Institute, Mysuru on 4th February 2023
23. Students of III Semester MTech (DCN) visited Kaynes Technology India Private Ltd, Mysuru on 14th December 2022

## PG: INDUSTRIAL VISIT

### Industrial visit to Kaynes Technology India Private Limited, Mysuru on 14<sup>th</sup> December 2022

Kaynes Technology India Private Ltd, Mysuru, India is a leading domestic player in the Electronics System & Design Manufacturing Services Space with Global foot print. Apart from its mother plant and additional manufacturing facility at Mysuru it has five manufacturing plants at Bangalore, Chennai, Manesar, Parwanoo, and Selaqui. Kaynes also has State of the Art Design and Development Centre (Kaynes Embedded Systems) at Bangalore for Embedded Design and Engineering services to support customers from Concept to Manufacturing. The students of III Semester M.Tech (DCN) visited Kaynes Technology India Private Ltd, Mysuru on 14<sup>th</sup> December 2022 along with ECE students & Faculties.



The students of III Semester MTech (DCN) visited Kaynes Technology India Private Ltd, Mysuru on 14th December 2022 along with ECE students & Faculties.

The industrial visit gave us lot of information about the various aspects of production and operation of a company. The Industry visits sensitize us to the practical challenges that organizations face in the technical world. It also gives greater clarity about various technical concepts for us as they can practically see how these concepts are put into action.

## Industrial visit to Deshila Technology Research Institute, Mysuru on 4<sup>th</sup> February 2023

Deshila Technology Research Institute (DTRI) is founded and strongly supported by experts in the field of Embedded Systems, IoT and 5G technologies. The core team, when combined, has a total industry experience of 100+ years in the field of embedded hardware and software systems. The students of III Semester M.Tech (DCN) visited Deshila Technology Research Institute, Mysuru on 4th February 2023 along with ECE Faculty.



The students of III Semester M.Tech (DCN) visited Deshila Technology Research Institute, Mysuru on 4th February 2023 along with ECE Faculty

**Kiran Marathe**, founder of DTRI, Mysuru took the students around the plant and explained the operations and the mode of work in their Centre. This industrial visit provided a lot of information about various aspects of 5G Test bed, RF/Microwave, Baseband and Antenna engineering areas in 5G and IoT areas. DTRI conducts several internships, skill development training courses and also certification courses.

# RESEARCH CENTRE ACHIEVEMENTS

## About The Research Centre:

VTU, Belagavi granted approval to the Research Centre of ECE Department during the academic year 2012-2013. Presently, there are **09** recognized Research Supervisors in ECE department. Under this Research Centre **7** research scholars have been awarded Ph.D. and **15** research scholars are pursuing Ph.D. in Part Time in various domains of Electronics and Communication Engineering like Speech Processing, Medical Image Processing, Microstrip Fractal antennas, and Mobile Robotics. The department has 11 doctorates involved in various research activities. The details of Research Scholars awarded/pursuing Ph.D under ECE-RC are as follows:

**No. of Research Guides: 09**

**No. of Research Scholars awarded Ph.D.: 07**

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

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

**No. of Publications by Research Scholars: 51**

## Research Scholar Status:

Sl. No.	Name of the Research Guide	Name of the Research Students/ USN	Name of the Research Topic	Status	Year of Registration	Year of Completion
1.	<b>Dr. Shivakumar. M,</b> Principal, GSSSIETW	<b>Dr. G. Manjula</b> 4GW13PEN02	Identification of the Features of Stuttering through Automatic Speech Recognition and Validation	Ph.D. Awarded	2013	2020
1.		<b>Dr. Latha. M</b> 4GW15PEJ01	An Approach for Characterization and reorganization of Dysarthric Speech	Ph.D. Awarded	2015	2022
2.		<b>Mrs. Arpitha Shankar. S. I</b> 4GW17PEA07	Exploration algorithm for indoor environment using multiple robots.	Ph. D. Thesis writing	2017	-
3.		<b>Mr. Raghunandan .B</b> 4GW17PEA04	Detection of Articulation rate in adults with stuttering and its Validation	Partially complete d Course Work	2017	-

4.	<b>Dr. Rajendra R Patil</b> Prof and HoD	<b>Dr. Basanti Ghanti</b> 4GW11PEM01	Physical Layer Network Coding	Ph.D. Awarded	2011	2019	
5.		<b>Dr. Vinita Balbhim Patil</b> 4GW15PEJ03	Handwriting recognition using hybrid technique	Ph.D. Awarded	2015	2020	
6.		<b>Mr. Bharamappa Irappa Kattimani</b> 4GW16PEJ03	Fractal Microstrip Antenna Design for Wide Band Applications	Provisionally Ph.D. Awarded	2016	-	
7.		<b>Ms. Revati C G</b> 4GW17PEA11	Design and Implementation of MIMO antenna for wireless communication	Open seminar-1 completed	2017	-	
8.		<b>Mrs. Vanita</b> 4GW17PEA12	Optimization of Energy and Spectral Efficiency using NOMA Techniques for 5G wireless Communication	Open seminar-2 completed	2017		
9.		<b>Mrs. Arunadevi</b> 4GW17PEA08	New Approaches of Dielectric Perturbations in a Micro strip fed CDRA Array for Enhancement of its Characteristics	Partially completed Course Work	2017		
10.		<b>Dr. Parameshchhari. B. D,</b> Prof and HoD Dept. of TCE	<b>Mr. Kiran</b> 4GW17PEA05	Development of efficient Techniques for Secured Transmission of Medical Images	Ph. D Awarded	2017	-
11.		<b>Dr. Jayanth. J</b> Associate Professor Dept. of ECE	<b>Dr. Ravikiran H.K</b> 4GW15PEJ04	Development of Compression and Reconstruction Algorithm for Progressive Transmission of Medical Images	Ph.D. Awarded	2015	2020

12.	<b>Dr. Meenakshi Sundaram</b> Prof and Head, Dept of CSE	<b>Mrs. Swetha Rani</b> 4GW17PES07	“Design and Implementation of high throughput phase estimator for WSN Applications”	Comprehensive Viva completed	2017	-
13.	<b>Dr. S. Padmashree</b> Prof, Dept of ECE	<b>Ms. Deepika T V</b> 4GW20PEC01	Mental Stress Detection using physiological signals and machine learning techniques	Provisionally admitted	2020	-
14.		<b>Mrs. Lalitha.K</b> 4GW20PEC02	Computer Aided Diagnosis of Stomach Cancer Using Artificial Intelligence and Image Processing Technique	Partially completed course work	2020	-

Apart from the research, the center is conducting internship for the students in the areas of VLSI design, Signal, Speech & Image processing and software defined radio. The center has published research articles in reputed indexed book chapters and journals. The research center conducts various seminars/webinars in forefront technologies for research scholars and faculty members to benefit them in pursuing their research by inviting resource persons from Industry and IITs.

The Research Center in Electronics & Communication Engineering department of **GSSS Institute of Engineering and Technology for Women**, Mysuru under VTU Belagavi is proud of two research scholars **Dr. Kiran** and **Dr. Bharamappa Irappa Kattimani** for successful completion of doctoral degree during the academic year 2022-23.

- **Dr. Kiran** was a research scholar under the research supervision of **Dr. Parameshchhari. B. D.**, Professor, ECE Dept. He pursued his Ph. D on the research topic “**Development of efficient Techniques for Secured Transmission of Medical Images**”.
- **Dr. Bharamappa Irappa Kattimani** pursued his Ph. D under the guidance of **Dr. Rajendra R Patil**, Prof and Head, Dept. of ECE, GSSSIETW, for the research topic “**Fractal Microstrip Antenna Design for Wide Band Applications**”.

## ACTIVITIES:

- Conducted five days FDP on “**Realization of 2X2 MIMO System on SDR using Graphical System Design**” during 6th to 10th SEPT 2022 in Advanced Communication Lab funded by AICTE MODROBS.
- Conducted four week internship on “**Communication Course using NI LabVIEW Software and Software Defined Radio**” for UG students during Sep 2022 in NI LabVIEW Academy.
- **Mrs. Vanitha**, ECE-research scholar is working on “**Optimization of Energy and Spectral Efficiency using NOMA Techniques for 5G wireless Communication**” in Advanced Communication Lab funded by **AICTE MODROBS** under the guidance of **Dr. Rajendra. R Patil**, Prof. and Head, Dept. of ECE.
- Final Year UG students have successfully completed completed Project on “ **Audio transmission over SDR/Cognitive Radio using USRP and LabVIEW for Disaster Response**” under the guidance of **Dr. Raghavendra. Y. M**, Assoc. Prof., Dept. of ECE.
- **Ms. Anisha**, PG student has done Mini-project on “**Design and implementation of rectangular patch antenna using HFSS Software**” in Antenna Lab Funded by **DST-CURIE**
- **Ms. R Shree Hansa**, PG student has done Mini-project has done Mini-project on “Microstrip patch antenna with DGS in Antenna Lab” Funded by **DST-CURIE**
- **Ms. Vaishnavi Yeshwant**, PG student has done Mini-project on “**Design and Implementation of slotted microstrip patch antenna for 5G Application**” in Antenna Lab Funded by **DST-CURIE**

# GSSSIETW ALUMNAE ASSOCIATION

## GSSSIETW VIRTUAL GLOBAL ALUMNAE MEET-2023

25<sup>th</sup> March 2023

Alumnae Association of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru had organized 3<sup>rd</sup> Global Meet online (Google Meet) on 25<sup>th</sup> March 2023.



**Global Alumnae Virtual Meet 2023 Interaction with Smt. Vanaja B Pandit, Hon. Secretary GSSS (R), Mysuru, Dr. M. Shivakumar, Principal, GSSSIETW, GSSSIETW Alumnae Association Members, the HoD's & Faculties of all the 6 Engineering Departments (ECE,CSE, EEE, ISE, EIE, TCE ) & Department of MBA with the Alumnae across the World in Google Meet Platform.**

## **CONTACT US**

**Website:** <http://www.geethashishu.in>

Ph:0821-2457305

**E-mail :** [hodece@gsss.edu.in](mailto:hodece@gsss.edu.in)

Ph: 9448330702

## **Editorial Team**

**Nagesh M S & Nagashree R N**

Assistant Professor  
Department of ECE,  
GSSSIETW, Mysuru