



# ECE ANNUAL REPORT 2019-20

Geetha Shishu Shikshana Sangha®  
GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN  
Affiliated to Visvesvaraya Technological University, Belgavi, Karnataka  
Approved by AICTE, New Delhi  
K R S Road, Metagalli, Mysuru – 16  
Accredited with Grade 'A' by NAAC



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Permanently Affiliated to VTU: 2019-25)

Accredited by NBA, New Delhi (Validity: 01.07.2017 - 30.06.2020 & 01.07.2020 - 30.06.2023)

# AECES

## DEPARTMENTAL ACHEIVERS (2019-2020) PLACEMENT DETAILS 2019-2020

Sl. No	Name	USN	Company	CTC	Photo
1	RAKSHAA S A	4GW16EC071	JUNIPER NETWORK S	30K PER MONTH DURING INTERNSHIP (AFTER CONVERSION 11.06 LAKHS PER ANNUM)	
2	VARSHINI S	4GW16EC110	JUNIPER NETWORK S	30K PER MONTH DURING INTERNSHIP (AFTER CONVERSION 11.06 LAKHS PER ANNUM)	
3	H K JAHNVI IYENGAR	4GW16EC029	TCS	3.5 LAKHS PER ANNUM	
4	JYOTHI T U	4GW16EC038	TCS	3.5 LAKHS PER ANNUM	
5	NAVYASHREE N	4GW16EC052	TCS	3.5 LAKHS PER ANNUM	
6	RANJITHA R K	4GW16EC073	TCS	3.5 LAKHS PER ANNUM	

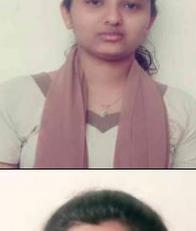
7	AISHWARYA C	4GW16EC001	E & Y (Ernst & Young)	3.61 LAKHS PER ANNUM	
8	B S SHUBHASHRE E	4GW16EC017	E & Y (Ernst & Young)	3.61 LAKHS PER ANNUM	
9	SUSHMA M	4GW16EC118	E & Y (Ernst & Young)	3.61 LAKHS PER ANNUM	
10	UMME KULSUM	4GW16EC107	E & Y (Ernst & Young)	3.61 LAKHS PER ANNUM	
11	VARSHINI S	4GW16EC110	E & Y (Ernst & Young)	3.61 LAKHS PER ANNUM	
12	SNEHA ANAND	4GW16EC092	L&T Technology s ervices	4 LAKHS PER ANNUM	
13	HARSHA MOHAN HIREMATH	4GW16EC030	L&T Technology s ervices	4 LAKHS PER ANNUM	
14	MADHURA SUBRAMANYA BHAT	4GW16EC045	L&T Technology s ervices	4 LAKHS PER ANNUM	

15	SANJANA G S	4GW16EC082	L&T Technology s ervices	4 LAKHS PER ANNUM	
16	P SAIKEERTHI	4GW16EC058	L&T Technology s ervices	4 LAKHS PER ANNUM	
17	SANTHRUPTHI K	4GW16EC084	L&T Technology s ervices	4 LAKHS PER ANNUM	
18	APOORVA N	4GW16EC013	L&T Technology s ervices	4 LAKHS PER ANNUM	
19	SHRUTHI V PAI	4GW16EC087	L&T Technology s ervices	4 LAKHS PER ANNUM	
20	SWATHI R	4GW16EC101	Accenture	6.5 LAKHS PER ANNUM	
21	LAVANYA C S	4GW16EC042	Accenture	4.5 LAKHS PER ANNUM	
22	YAJNA M S	4GW16EC115	Accenture	4.5 LAKHS PER ANNUM	
23	VINUTHA M	4GW16EC114	Accenture	4.5 LAKHS PER ANNUM	

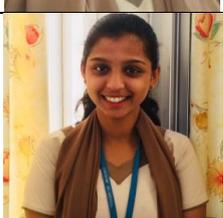
24	TANU S	4GW16EC102	Accenture	4.5 LAKHS PER ANNUM	
25	SACHITRA MAHADEV NAIK	4GW16EC078	Accenture	4.5 LAKHS PER ANNUM	
26	SMITA RAMAKRISHNA SHETTY	4GW16EC091	Accenture	4.5 LAKHS PER ANNUM	
27	S M DEEKSHA JAIN	4GW16EC077	Accenture	4.5 LAKHS PER ANNUM	
28	SIMRAN	4GW16EC090	Accenture	4.5 LAKHS PER ANNUM	
29	PRIYANKA R	4GW16EC067	Accenture	4.5 LAKHS PER ANNUM	
30	PRATIKSHA KULKARNI	4GW16EC062	Accenture	4.5 LAKHS PER ANNUM	
31	NAMRATHA M M	4GW16EC050	Accenture	4.5 LAKHS PER ANNUM	

32	NISARGA H P	4GW16EC055	Accenture	4.5 LAKHS PER ANNUM	
33	N RAKSHITHA	4GW16EC048	Accenture	4.5 LAKHS PER ANNUM	
34	DIVYA SHREE SATHISH	4GW16EC027	Accenture	4.5 LAKHS PER ANNUM	
35	LAVITA CAROLYN A	4GW16EC043	Accenture	4.5 LAKHS PER ANNUM	
36	NAVYA M N	4GW16EC051	Accenture	4.5 LAKHS PER ANNUM	
37	DIVYA D	4GW16EC026	Accenture	4.5 LAKHS PER ANNUM	
38	ANUSHA N	4GW16EC008	Accenture	4.5 LAKHS PER ANNUM	
39	APOORVA K	4GW16EC012	Accenture	4.5 LAKHS PER ANNUM	

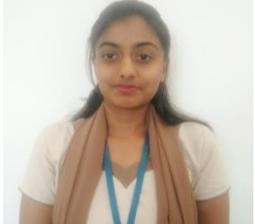
40	VARSHINI S	4GW16EC110	Accenture	4.5 LAKHS PER ANNUM	
41	H K JAHNVI IYENGAR	4GW16EC029	Accenture	4.5 LAKHS PER ANNUM	
42	JYOTHI T U	4GW16EC038	Accenture	4.5 LAKHS PER ANNUM	
43	AISHWARYA C	4GW16EC001	Accenture	4.5 LAKHS PER ANNUM	
44	B S SHUBHASHREE	4GW16EC017	Accenture	4.5 LAKHS PER ANNUM	
45	HARSHA MOHAN HIREMATH	4GW16EC030	Accenture	4.5 LAKHS PER ANNUM	
46	MADHURA SUBRAMANYA BHAT	4GW16EC045	Accenture	4.5 LAKHS PER ANNUM	
47	SHRUTHI V PAI	4GW16EC087	Accenture	4.5 LAKHS PER ANNUM	

48	PRIYADARSHI N I N S	4GW16EC065	Accenture	4.5 LAKHS PER ANNUM	
49	APOORVA K	4GW16EC012	Philips	8.5 LAKHS PER ANNUM	
50	SWATHI P	4GW16EC100	Mind Tree	3.5 LAKHS PER ANNUM	
51	HARSHITHA S	4GW16EC033	Mind Tree	3.5 LAKHS PER ANNUM	
52	CHANDINI MANJUNATH	4GW16EC022	Mind Tree	3.5 LAKHS PER ANNUM	
53	POORANI A	4GW16EC059	Capgemini	3.8 LAKHS PER ANNUM	
54	SUNITA KUMARI C KOUJALAGI	4GW16EC097	Capgemini	3.8 LAKHS PER ANNUM	
55	NIHARIKA N K	4GW16EC053	Capgemini	3.8 LAKHS PER ANNUM	
56	PUNITHRA H M	4GW16EC068	Capgemini	3.8 LAKHS PER ANNUM	

57	<b>VIJAYALAKSH MI M C</b>	<b>4GW16EC112</b>	<b>Altran</b>	<b>3.5 LAKHS PER ANNUM</b>	
58	<b>PUSHPA K</b>	<b>4GW16EC069</b>	<b>Altran</b>	<b>3.5 LAKHS PER ANNUM</b>	
59	<b>DHANALAKSH MI M S</b>	<b>4GW16EC025</b>	<b>IBM</b>	<b>4.5 LAKHS PER ANNUM</b>	
60	<b>KAVYASHREE B</b>	<b>4GW16EC040</b>	<b>IBM</b>	<b>4.5 LAKHS PER ANNUM</b>	
61	<b>NIHARIKA R</b>	<b>4GW16EC054</b>	<b>IBM</b>	<b>4.5 LAKHS PER ANNUM</b>	
62	<b>POORANI A</b>	<b>4GW16EC059</b>	<b>IBM</b>	<b>4.5 LAKHS PER ANNUM</b>	
63	<b>VIJAYALAKSH MI M C</b>	<b>4GW16EC112</b>	<b>IBM</b>	<b>4.5 LAKHS PER ANNUM</b>	
64	<b>AKSHATA</b>	<b>4GW16EC004</b>	<b>Trainz holdi ngs</b>	<b>3.6 LAKHS PER ANNUM</b>	

65	INCHARA R	4GW16EC036	Trainz Holdings	3.6 LAKHS PER ANNUM	
66	SHWETHA H R	4GW16EC089	Cognizant	4 LAKHS PER ANNUM	
67	CHINMAYI M	4GW16EC023	[24]7	2.7 LPA	
68	CHANDANA P S	4GW14EC025	[24]7	2.7 LPA	
69	B ABHINAYA	4GW16EC016	[24]7	2.7 LPA	
70	SHRADDA M	4GW16EC086	[24]7	2.7 LPA	
71	VAISHNAVI J K	4GW16EC109	[24]7	2.7 LPA	
72	VINDHYA S R	4GW16EC113	[24]7	2.7 LPA	
73	CHAITHANYA H H	4GW16EC019	[24]7	2.7 LPA	

74	SPOORTHI N S	4GW16EC095	Infosys	3.6 LPA	
75	AMRUTHA R	4GW16EC007	Capgemini	3.8LPA	
76	CHAITHRA C	4GW16EC021	Capgemini	3.8LPA	
77	BHUVANESWA RI T	4GW16EC018	HPE	5.5 LPA	
78	B ABHINAYA	4GW16EC016	HPE	5.5 LPA	
79	AISHWARYA C	4GW16EC001	HPE	5.5 LPA	
80	NAVYASHREE N	4GW16EC052	HPE	5.5 LPA	
81	NIHARIKA N K	4GW16EC053	Applied Materials	9 LPA	

82	<b>SANGEETHA K S</b>	<b>4GW16EC081</b>	<b>Heraizen Technologies</b>	<b>3 LPA</b>	
83	<b>MONISHA UDAY</b>	<b>4GW16EC047</b>	<b>Heraizen Technologies</b>	<b>3 LPA</b>	
84	<b>ANUSHA Y</b>	<b>4GW16EC010</b>	<b>Heraizen Technologies</b>	<b>3 LPA</b>	
85	<b>H K JAHNVI IYENGAR</b>	<b>4GW16EC029</b>	<b>HPE R&amp;D</b>	<b>9.8 LPA</b>	
86	<b>VEENA VEERAYYA GEJJALAGAT TIMATH</b>	<b>4GW16EC111</b>	<b>Wipro</b>	<b>3.5 LPA</b>	
87	<b>D MEGHANA</b>	<b>4GW16EC024</b>	<b>NTT Data</b>	<b>3.5 LPA</b>	
88	<b>ANUSHA Y</b>	<b>4GW16EC010</b>	<b>DXC Technology</b>	<b>3.6 LPA</b>	
89	<b>RACHANA SELAR G</b>	<b>4GW16EC070</b>	<b>Lancelot Technologies</b>	<b>1.8 LPA</b>	

90	GANAS	4GW16EC028	Pentagon space pvt ltd	2LPA	
91	TEJODEEP	4GW16EC103	Pentagon space pvt ltd	2LPA	
92	TEJODEEP	4GW16EC103	Q-Spiders	Train/Hire Model	
93	ASHARANI M	4GW16EC014	DXC Technology	3.6 LPA	
94	YASHASWINI M	4GW16EC117	DXC Technology	3.6 LPA	

## STUDENTS INTERNSHIPS WITH STIPEND

SL. NO	NAME & USN	COMPANY & INTERNSHIP DURATION	STIPEND PER MONTH	PHOTO
1	AISHWARYA C 4GW16EC001	HEWLETT PACKARD ENTER[R]ISE (HPE) 31/01/2020 TO 31/07/2020	18,000-00	
2	AKSHATHA 4GW16EC004	TRIANZ 15/01/2020 TO 01/03/2020	12,000-00	
3	APOORVA K 4GW16EC012	PHILIPS 14/01/2020 TO 30/06/2020	20,000-00	
4	B. ABHINAYA 4GW16EC016	HEWLETT PACKARD ENTER[R]ISE (HPE) 31/01/2020 TO 31/07/2020	18,000-00	
5	B S SHUBHASHREE 4GW16EC017	ACCENTURE 20/01/2020 TO 10/04/2020	32,500-00	
6	BHUVANESHWARI T 4GW16EC018	HEWLETT PACKARD ENTER[R]ISE (HPE) 31/01/2020 TO 31/07/2020	18,000-00	
7	H K JAHNAVI IYENGAR 4GW16EC029	HEWLETT PACKARD ENTER[R]ISE (HPE) 06/02/2020 TO 5/08/2020	18,000-00	

8	<b>NAVYASHREE N 4GW16EC052</b>	<b>HEWLETT PACKARD ENTER[R]ISE (HPE)  31/01/2020 TO 31/07/2020</b>	<b>18,000-00</b>	
9	<b>INCHARA R 4GW16EC036</b>	<b>TRIANZ  20/01/2020 TO 20/03/2020</b>	<b>12,000-00</b>	
10	<b>PRIYADARSHINI N S 4GW16EC065</b>	<b>ACCENTURE 20/01/2020 TO 10/04/2020</b>	<b>32,500-00</b>	
11	<b>VARSHINI S 4GW16EC011</b>	<b>JUNIPER NETWORKS 06/01/2020 TO 30/06/2020</b>	<b>31,800-00</b>	
12	<b>SWATHI R 4GW16EC101</b>	<b>ACCENTURE 20/01/2020 TO 10/04/2020</b>	<b>32,500-00</b>	
13	<b>RAKSHA S A 4GW16EC071</b>	<b>JUNIPER NETWORKS 06/01/2020 TO 30/06/2020</b>	<b>31,800-00</b>	
14	<b>SANGEETHA K S 4GW16EC081</b>	<b>HERAIZEN</b>	<b>18,000-00</b>	

## 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>PREETHI N S</b>	<b>4GW17EC062</b>	<b>90.75%</b>	
<b>2</b>	<b>UMA D</b>	<b>4GW17EC104</b>	<b>89.37%</b>	
<b>3</b>	<b>RANJITHA M</b>	<b>4GW17EC073</b>	<b>89.13%</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>PUSHPA K</b>	<b>4GW16EC069</b>	<b>85.62</b>	
<b>2</b>	<b>PRIYANKA R</b>	<b>4GW16EC067</b>	<b>84.75</b>	
<b>3</b>	<b>UMME KULSUM</b>	<b>4GW16EC107</b>	<b>84.12</b>	

# DEPARTMENTAL ACHIEVEMENTS

## Memorandum of Understanding (MoU)

### Signing of MOU between GSSSIETW, Mysuru & Ui- Path, Bengaluru



GSSSIETW signed an Academic Alliance with UiPath on 29th July 2020. GSSSIETW in association with UiPath will be conducting courses for the students on usage of UiPath Studio, UiPath Robot and UiPath Orchestrator, RPA Design and Development, Capstone projects. On successful completion of the course students can take up RPA certification.

UiPath is a global software company that develops a platform for robotic process automation (RPA or RPAAD). Following its acquisition of both Process Gold and StepShot in 2019, UiPath has become the first vendor of scale to bring together both process mining and robotic process automation. According to research and advisory firm Gartner, the combination of RPA with process mining, AI, machine learning and analytics is best described as hyper automation. More than 2,750 enterprise customers and government agencies use UiPath's Enterprise RPA platform to rapidly deploy software robots that perfectly emulate and execute repetitive processes, boosting business productivity, ensuring compliance and enhancing customer experience across back-office and front-office operations

#### About UiPath Academic Alliance

As part of UiPath Academic Alliance, students can avail the following benefits –

- Approved courses delivered by certified or qualified educator
- Learn at your own pace with UiPath Academy <https://academy.uipath.com/>
- Free one-year UiPath software licenses to students, which could be installed on 2 machines
- Events, competition, and engagement activities
- Mentorship session with UiPath MVP and community leaders
- Entrepreneurship opportunities
- Dedicated community and discussion forum  
<https://forum.uipath.com/c/learn/academic-alliance/113>  
<https://communityevents.uipath.com/students-in-automation/>
- 50% discount on UiPath Certified Professional ( UCP ) exams
- Connect with UiPath hiring partners for placement opportunities

# GSSSIETW has become the network institute of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Dehradun



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः परिसर संपर्क/ विस्तार कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR6120342020

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि जीएसएसएस इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी फॉर वुमेन ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "सैटेलाइट फोटोग्राममेट्री और उसका अनुप्रयोग" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 29 जून, 2020 से 03 जुलाई, 2020 तक किया गया।

This is to certify that **GSSS Institute of Engineering and Technology for Women**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "**Satellite Photogrammetry and its Application**". This online programme was conducted during June 29, 2020 to July 03, 2020.

दिनांक/ Date: 27-08-2020  
देहरादून/ Dehradun

प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः परिसर संपर्क/ विस्तार कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR6020342020

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि जीएसएसएस इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी फॉर वुमेन ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "पारिस्थितिकी अध्ययन में भू-सूचना विज्ञान के अनुप्रयोग सरकार कला संग्रह (स्वनिम)" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 13 जुलाई, 2020 से 24 जुलाई, 2020 तक किया गया।

This is to certify that **GSSS Institute of Engineering and Technology for Women**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "**Application of Geoinformatics in Ecological Studies**". This online programme was conducted during July 13, 2020 to July 24, 2020.

दिनांक/ Date: 11-09-2020  
देहरादून/ Dehradun

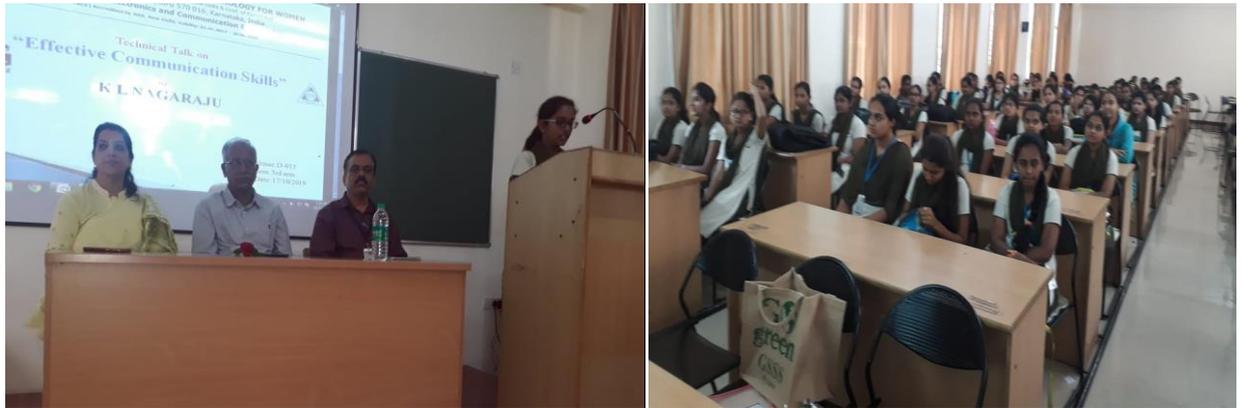
प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

# TECHNICAL FORUM –AECES & IETE

## TECHNICAL EVENTS CONDUCTED IN ODD SEMESTER 2019

### Technical talk on “Effective Communication Skills” 16.10.2019



**Mr. K N Nagaraju**, Former Principal & Assistant Commissioner, Kendriya Vidyalaya, Mysuru Addressed the 3rd Sem ECE students

### Technical talk on “Unix and Device Drivers” 20.08.2019



**Mr. Mohana Krishna B G**, Principal Architect Practice, Mysuru addressed the 3rd Sem ECE students

### Technical talk on “VLSI (Xilinx & FPGA)” on 17.08.2019



**Ms. Vidya Hiregoudar & Mr. Manjunath V Ganiger**, Physical Design Project Trainees, Pozibility Technologies Pvt. Ltd. Bengaluru addressing 5th and 7th Sem ECE students

## One day Workshop on “Programming Concepts with Real Time Case Studies” on 11.11.2019



**Mr. Ramprasad H C**, Head, Research, Learning & Development, 10 seconds, Bengaluru addressing the final year ECE students

## 2 days workshop on “PCB Design Using DesignSpark Tool” from 18.09.2019 & 19.09.2019



**Mr. Mahesh.B.S**, Application Engineer, Telos Technologies, Bengaluru, **Mr, Sagar.H.B**, Application Engineer, Telos Technologies, Bengaluru, addressed all III Semester ECE Students of GSSSIETW, Mysuru.

## Technical Talk on “VLSI DESIGN” on 17/02/2020



From left : **Dr S Padmashree**, Professor, Dept. of ECE, Resource Persons **Mr. Vishwanath** and **Sri Ravi Shankar**, CEO, WhizChip Design Technologies, Bengaluru , **Dr Rajendra R Patil**, Professor and Head, Dept. of ECE, GSSSIETW, Mysuru during the inaugural of the talk. Picture on the right shows Sri Ravi Shankar addressing the students.

## Talk on “Awareness on Higher Education” on 29/02/2020



Mr. Abhishek Dubey, Center Manager delivered a talk on Awareness of Higher Education

## “MINI PROJECT EXPO-2019” Organized by Department of Electronics & Communication Engineering, GSSSIETW, Mysuru under IQAC & IETE Students’

Forum on 13<sup>th</sup> November 2019.



(From left), Sri R K Bharath Member & CEO, GSSS(R), Professor M J Sampath kumar, Chairman, IETE Mysuru Centre, Dr. M Shivakumar, Principal, GSSSIETW, Mysuru, Dr. Rajendra R Patil, Professor and Head, Dept. of ECE, Dr. Padmashree S, Professor, Dept of ECE.



Group Photo of MINI PROJECT EXPO-2019

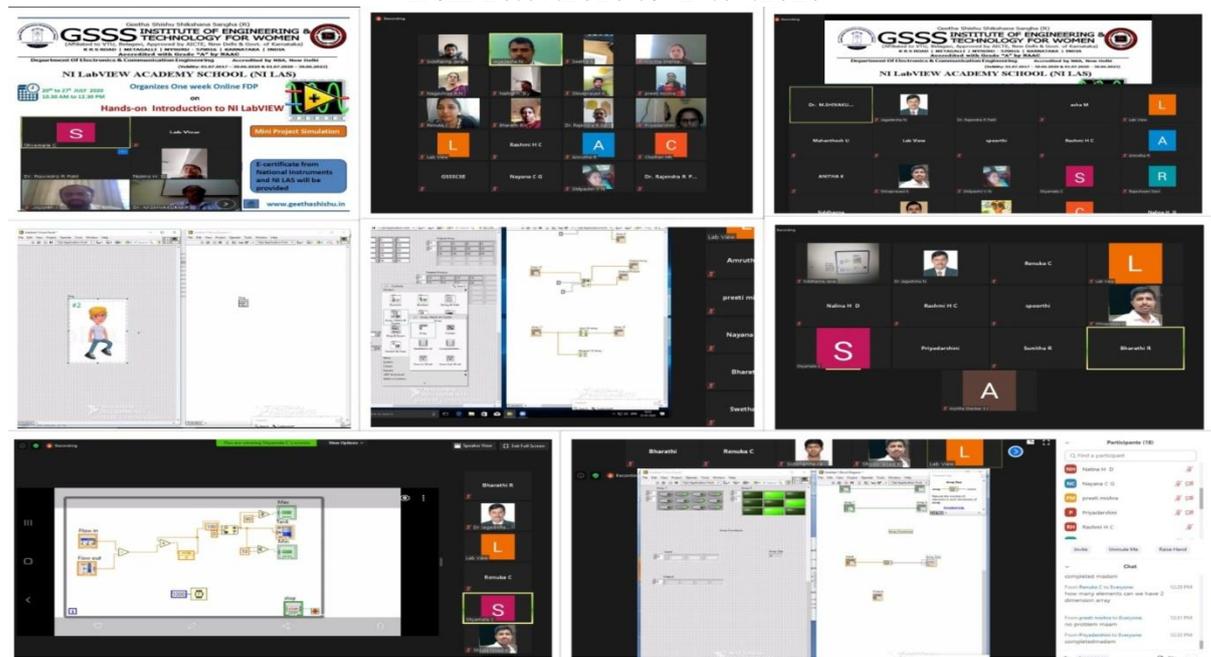
## SDP/FDP/WORKSHOPS ORGANIZED IN EVEN SEMESTER 2020

### Two Days Online Hackthon on “ULTRA HACK using IoT” From 19.06.2020 to 20.06.2020



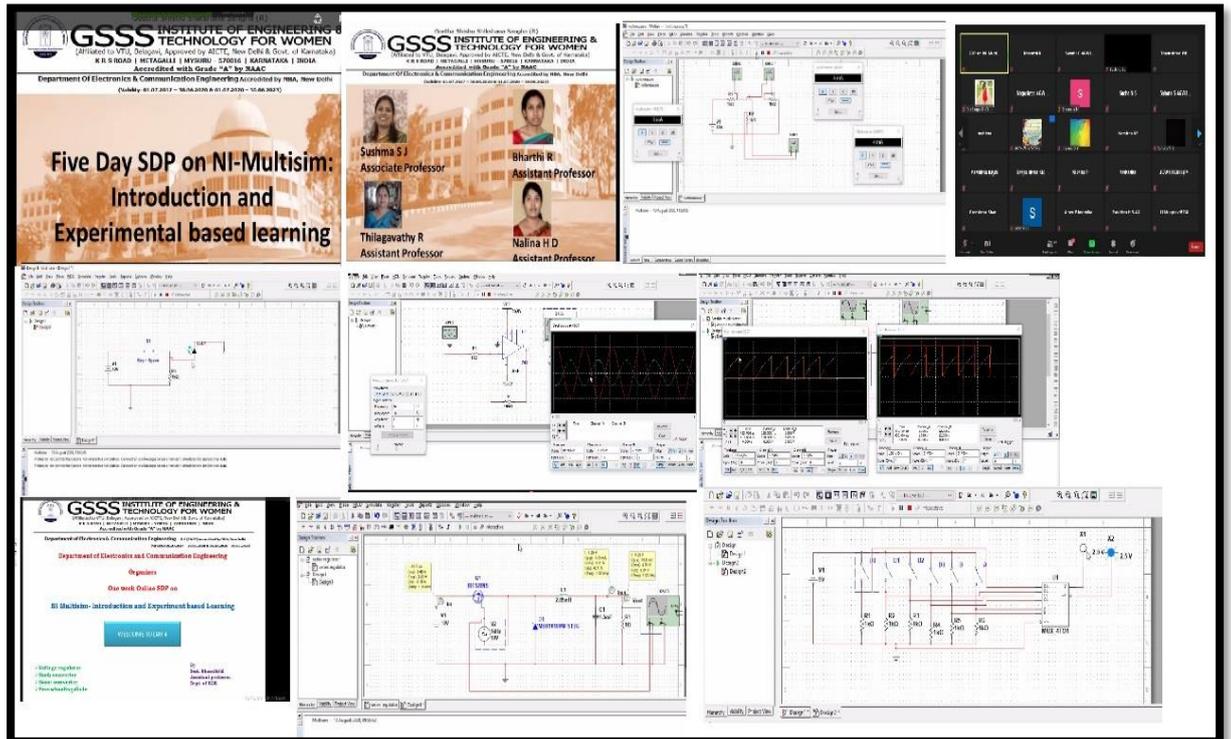
The Department of Electronics & Communication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru is organized a two days Online HACKATHON on “ULTRA HACK using IoT” for all the Engineering Students on 19th and 20th June 2020.

### One week Online FDP on “Hands-on Introduction to NI LabVIEW” from 20.07.2020 to 27.07.2020



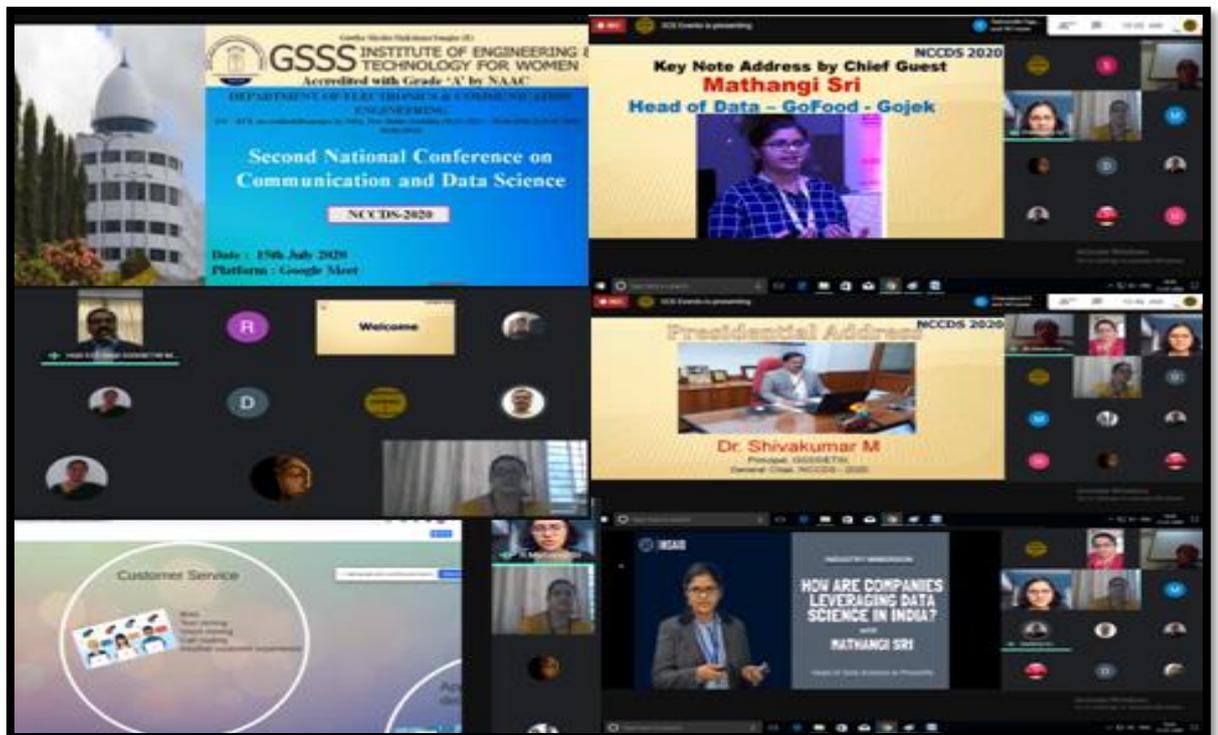
NI LabVIEW ACADEMY SCHOOL, Department of ECE, GSSSIETW, Mysuru organized a One Week Online FDP on “Hands-on Introduction to NI LabVIEW” from 20<sup>th</sup> July 2020 to 27<sup>th</sup> July 2020 for 6<sup>th</sup> Sem Students.

## One week Online SDP on “NI Multisim-Introduction and Experiment based Learning” from 10.08.2020 to 14.08.2020



One week Online SDP on “NI Multisim-Introduction and Experiment based Learning” from 10.08.2020 to 14.08.2020 for 2<sup>nd</sup> Sem ECE students

## 2<sup>nd</sup> National Conference on Communication and Data Science (NCCDS-2020)



The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women, Mysuru has successfully organized the **2<sup>nd</sup> National Conference on Communication and Data Science (NCCDS – 2020)** in digital mode on **15<sup>th</sup> July 2020** under Internal Quality Assurance Cell (IQAC) in association with ISTE, IETE and publication partner IJERT (International Journal of Engineering Research & Technology).

## LIST OF TECHNICAL EVENTS CONDUCTED IN ODD SEMESTER 2019

Sl no.	Date	Semester	Programs Conducted	Resource Persons
1.	16.10.2019	III 'A' & 'B'	Technical talk on "Effective Communication Skills"	<b>Mr. K N Nagaraju</b> Former Principal & Assistant Commissioner, Kendriya Vidyalaya, Mysuru
2.	20.08.2019	III 'A' & 'B'	Technical talk on "Unix and Device Drivers"	<b>Mr. Mohana Krishna B G</b> Principal Architect Practice, Mysuru
3.	19.08.2019	VII 'A' & 'B'	One Day Placement Activity	<b>Mr. Ravishankar R &amp; Raghavendra Mohan</b> Whizchip Technologies, Bengaluru
4.	17.08.2019	VII 'A' & 'B' & V 'A' & 'B'	Technical talk on "VLSI(Xilinx & FPGA)"	<b>Ms. Vidya Hiregoudar &amp; Mr. Manjunath V Ganiger</b> Physical Design Project Trainees, Pozibility Technologies Pvt. Ltd. Bengaluru

### Three Days Webinar Series on "Drone Technology" from 15th June 2020 to 17th June 2020

The image displays a collage of promotional and session materials for a three-day webinar series on Drone Technology. At the top left is a banner for GSSS Institute of Engineering & Technology for Women, detailing the event dates (15th-17th June 2020) and listing speakers: Dr. Kamesh Namuduri, Mr. Gautham Sriprakash, R Bharathprabhu, and Mr. Arul Prakash. To the right is a photograph of a drone with a blue container attached. Below these are three screenshots of Zoom webinar sessions: Day 1 titled "Safe & Trusted Unmanned Air Transportation" by Dr. Kamesh Namuduri; Day 2 titled "Drone programming with IEEE BLP" by Mr. Gautham Sriprakash; and Day 3 titled "Model based development of motor controls for Drone" by Mr. Arul Prakash. The screenshots show various participants and presentation slides.

A three day webinar series on "Drone Technology" was organized by the Department of Electronics and Communication Engineering, GSSIETW, Mysuru from 15<sup>th</sup> June 2020 to 17<sup>th</sup> June 2020 for the students and faculties of Engineering Colleges.

**LIST OF WORKSHOP & SKILL DEVELOPMENT PROGRAM  
CONDUCTED IN ODD SEMESTER 2019**

Sl no.	Date	Semester	Programs Conducted	Resource Persons
1.	11.11.2019	III 'A' & 'B'	One day Workshop on "Programming Concepts with Real Time Case Studies"	<b>Mr. Ramprasad H C</b> Head, Research, Learning & Development 10 seconds, Bengaluru.
2.	18.09.2019 & 19.09.2019	III 'A'	Two Days Workshop on "PCB Using DesignSpark Tool"	<b>Mr. Mahesh B S &amp; Sagar H B</b> Application Engineers, Telos Technologies, Bengaluru.
3.	25.09.2019 & 26.09.2019	III 'B'	Two Days Workshop on "PCB Using DesignSpark Tool"	<b>Mr. Mahesh B S &amp; Sagar H B</b> Application Engineers, Telos Technologies, Bengaluru.
4.	16.09.2019 to 21.09.2019	V 'A' & 'B'	Three Skill Development Program on "Feel Employable"	<b>College for Leadership and Human Resource Development</b> Mangaluru
5.	04.09.2019 to 06.09.2019	VII 'A' & 'B'	Three Skill Development Program on "C, Data Structures and Basics of OOPs & C++"	<b>Mr. Ramprasad H C</b> Head, Research, Learning & Development 10 seconds, Bengaluru.

**LIST OF SDP, FDP CONDUCTED IN EVEN SEMESTER 2020**

Sl no.	Programs Conducted	Resource Persons	Semester	Date
1	SDP on "Introduction to MSP430 and its Applications"	Smt. Anitha K, Smt. Thilagavathy R Mr. Raghavendra Y M Ms. Nalini H D, Ms. Priyanka P Assistant Professors, Dept. of ECE, GSSSIETW	VI 'A' & 'B'	06.06.2020
2	Two day online Hackathon "ULTRA HACK using IoT"	<b>Mr. Thejesh P</b> Founder and CTO, Loginware(P) Ltd, Hassan	-	19.06.2020 To 20.06.2020
3	One week Online FDP on "Hands-on Introduction to NI LabView"	Smt. Shyamala Smt. Bharathi Assistant Professors, Dept. of ECE, GSSSIETW	---	20.07.2020 To 27.07.2020
4	Three Days Online SDP on "Proteus Design Suite"	Dr. Jayanth J Associate Professor, Smt. Spoorthi Y, Smt. Sunitha R Sri. Aravind R, Smt. Rashmi H C Assistant Professors, Ms. Krishnaveni, Technical staff, Dept. of ECE, GSSSIETW.	IV 'A' & 'B'	03.08.2020 To 05.08.2020
5	One week Online SDP on "Fundamentals of Python programming and its Applications"	Smt. Asha M, Sri. Rahavendra Y M Assistant Professors, Dept. of ECE, GSSSIETW	IV 'A' & 'B'	10.08.2020 To 14.08.2020
6	One week Online SDP on "NI Multisim- Introduction and Experiment based Learning"	Smt. Sushma S J, Associate Professor, Smt. Thilagavathy R, Smt. Bharathi Ms. Nalini H D, Assistant Professors, Dept. of ECE, GSSSIETW	II 'A' & 'B'	10.08.2020 To 14.08.2020

## INDUSTRIAL VISITS 2019-20

**Industrial Visit To “Siemens Excellence Centre-GTTC, Mysuru”, 14<sup>th</sup> November 2019  
for 7<sup>th</sup> Sem A & B section Students**



**Industrial Visit To “Keynes Technologies, Mysuru”, 24<sup>th</sup> August 2019  
for 3<sup>rd</sup> Sem A & B section Students**



**Industrial Visit To “Varidhi Electro Tech, Mysuru”, 11<sup>th</sup> & 12<sup>th</sup> November 2019  
for 5<sup>th</sup> Sem A & B section Students**



**Visit to “IISc Bengaluru” on 29<sup>th</sup> Feb. 2020 for 6<sup>th</sup> Sem A & B section Students**

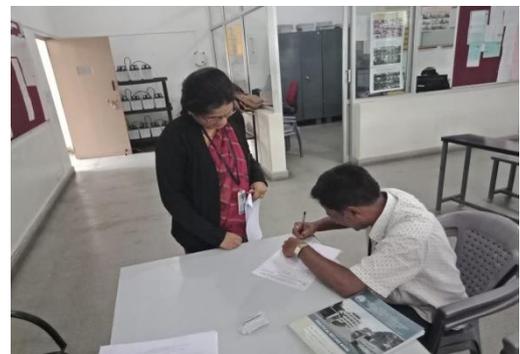
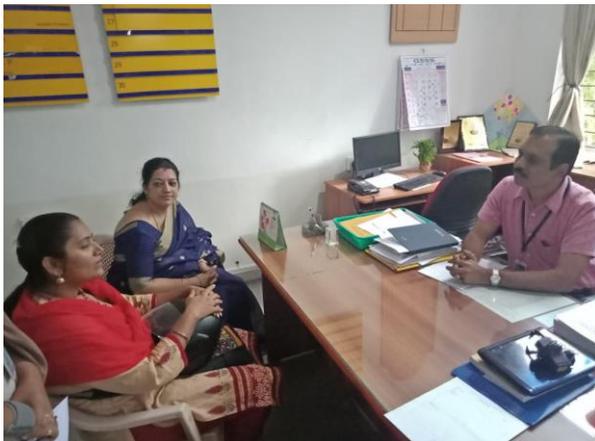


**Industrial Visit To “Stellapps Bengaluru”, 14<sup>th</sup> November 2019 for 8<sup>th</sup> Sem A section  
Students**



## PARENTS-TEACHERS MEETING

### PHOTO GALLERY OF ODD SEM PARENT- TEACHER MEETING- 2019



**Parent- Teacher Meeting** was held on **14<sup>th</sup> September 2019** and **9<sup>th</sup> June 2020 (Online)** for III, V and VII semester ECE Students. 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.

## STUDENTS ACHIEVEMENTS

### Students participation in various events 2019 – 20

Paper Publications	Workshop/Seminar/ internship/Technical/Non-Technical Event	Co-curricular Activities
<b>84</b>	<b>45</b>	<b>26</b>

## FACULTY ACHIEVEMENTS

### Faculty FDP / Workshops / Journals / Publication Summary 2019-20

National Conference	International Conference	Refereed/SCI Journals	FDP/ Workshops / Webinars	Book /Book Chapter	Total
<b>1</b>	<b>5</b>	<b>22</b>	<b>316</b>	<b>2</b>	<b>346</b>

### Individual FDP/Workshops/Journals/Publication Details of Academic Year 2019-20

Sl No	Name of Faculty	Conference	Refereed/SCI Journals	FDP/ Conference /Workshops / Webinars attended	Book chapter	Total
1	Dr Rajendra R Patil		2	10	1	3
2	Dr. S Padmashree		1	8		1
3	Sushma SJ		3	8		3
4	Dr. D V Rajeshwari Devi		1	6	1	2
5	Dr. Jayanth J	2	1	8	1	4
6	Anitha K			14		
7	Asha M		1	26		1
8	Thilagavathy R			21		
9	Archana B		3	18		3
10	Bharathi R			25		
11	Mahanthesh U	1	1	10		2
12	Padma R			16		
13	Spoorthi. Y		1	17		1
14	Nalina H D		1	18		1
15	Shyamala C		2	22		2
16	Raghavendra Y M		1	26		1
17	Aravind R	2		9		2
18	Boregowda H B			10		
19	Rashmi H C		1	12		1
20	Sunitha R	1	1	14		1
21	Priyanka P		1	10		1
22	Yashonidhi Yajaman			8		
	<b>Total</b>	<b>6</b>	<b>22</b>	<b>316</b>	<b>2</b>	<b>30</b>

## Faculty Achievements



**Dr. Rajendra R. Patil, Professor & Head, ECE Dept, GSSS IETW, inaugurating & presenting a technical talk during State level Multi Disciplinary Seminar 2020 held at PG Centre, Hassan, on 10<sup>th</sup> March 2020.**

- **Dr. Rajendra R. Patil has applied for two patents as inventor during 2019-20.**

**1. Application No. 202021005603 A. Publication date in Journal: 14/02/2020**

**Title: *System and method for identification of Futuristic faults in the Digital Systems***

**2. Application No. 201911034211 A. Publication date in Journal: 06/09/2019**

**Title: *System of Computerized Dynamic Control of Small Vehicle***

- **Faculty attended MOOC/SWAYAM courses:**

Sl.No	Name of faculty	Course details	Course Name
1	Thilagavathy R	NPTEL	Digital Circuits
2	Thilagavathy R	NPTEL	Microprocessors & Microcontroller
3	Asha M	NPTEL	Introduction to IoT
4	Asha M	NPTEL	Computer networks & IP
5	Bharati R	NPTEL	Cryptography & Network Security
6	Nalina H D	NPTEL	Microprocessors & Microcontroller
7	Raghavendra Y M	NPTEL	Computer networks & IP

- **The following faculty members have participated and won third prize worth cash of Rs 3000/- in “Ideathon on Social Innovation” organized by JSS Science & technology University, Mysuru in association with CII-IIP Panel, Mysuru dated 19<sup>th</sup> Feb. 2020.**

Sl. No	Team members	Remarks
1	Dr. S Padmashree Mrs. Shyamala C Mrs. Padma R	Won Cash Prize
2	Mrs. Anitha K Mrs. Thilagavathy R Mrs. Archana B	Participated

## PG: M-TECH (DCN)

### PLACEMENT DETAILS 2019-2020

Name	USN	Company Name	Internship Stipend	Job CTC	Photo
Ayisha Tabassum	4GW18LDN01	Nokia Solutions And Networks	30000 / Month		
		Nokia Solutions And Networks		6.5L	
Savitha H Goudar	4GW18LDN03	Nokia Solutions And Networks	28000 / Month	-	
		Tata consultancy Services		7L	

### ACTIVITIES 2019-20

1. Savith H Goudar, IV Sem. MTech (DCN) attended internship at Nokia networks and solutions from March 2019 to Feb 2020.
2. Savith H Goudar, IV Sem MTech (DCN) participated in paper presentation in July 2020 at IJERT Mysuru on “Design of material handling pick and place robot system using ZigBee technology” .
3. Ayisha Tabassum, IV Sem. MTech (DCN) attended internship at Nokia networks and solutions from July 15th 2019 to June 14th 2020.
4. Ayisha Tabassum, IV Sem MTech (DCN) published a paper on “ A survey on Pre processing of Feature Extraction Techniques in Natural Language Processing” in IRJET, Vol 7, Issue 6, in June 2020.
5. Zehra Mohammed Inayathulla, II Sem MTech (DCN) Participated in three day Webinar Series on "Drone Technology".
6. Zehra Mohammed Inayathulla, II Sem MTech (DCN) attended International Webinar on “The world of Circuit Simulation”
7. Zehra Mohammed Inayathulla, II Sem MTech (DCN) the Webinar series on “AI and Data Science” on 30th May 2020.
8. Zehra Mohammed Inayathulla, II Sem MTech (DCN) Webinar Series on OrCAD PSpice from Entuple Technologies in association with IEEE Bangalore.
9. Zehra Mohammed Inayathulla, II Sem MTech (DCN) Webinar Series on “Telemedicine,IOT and Nano Science” 10-12th June 2020
10. Students of I Semester MTech (DCN) visited GTTC, Mysuru on 14<sup>th</sup> November 2019.
11. Supriya M and Pooja M, IV Sem MTech (DCN) attended Internship at iQuest ( From July 13, 2019 to August 24, 2019).
12. Lavanya G, Supriya G and Zehra , II Sem MTech (DCN) participated in Mini Project Expo 2019 held at GSSSIETW on 13<sup>th</sup> Nov 2019.

## PG: INDUSTRIAL VISIT

### Industrial visit to GTTC, Mysuru on 14<sup>th</sup> November 2019

GTTC [Government Tool Room and Training Centre] is an autonomous society, and a recognized Scientific and Research Organization by the Government of India. Govt. Tool Room and Training Centre (GTTC), is serving industry by way of precision tooling and providing in well trained craftsmen the area of tool and die making. The students of I Semester MTech (DCN) visited GTTC, Mysuru on 14th November 2019 along with ECE Faculties.



The students of I Semester MTech (DCN) visited GTTC, Mysuru on 14<sup>th</sup> November 2019 along with ECE Faculties.



**H.M. Radhakrishna**, the in-charge of SIEMENS Centre of Excellence (COE) Courses 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 production as well as operation of different fields. This visit also educated the students about the various avenues present in the field of tool and die making. GTTC conducts several skill development training courses and also certification courses.

# RESEARCH CENTRE ACHIEVEMENTS

## About The Research Centre:

The ECE Research center was sanctioned by VTU in the year 2013. Currently, 13 research scholars are pursuing their Ph.D. in various areas of Electronics and Communication Engineering like Speech Processing, Medical Image Processing, Microstrip Fractal antennas, and Mobile Robotics. The department has 7 doctorates involved in various research activities. 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.

## ECE Research Center under VTU, GSSSIETW Mysuru, Produces 3 Doctorates in Engineering



**Dr. Basanti Ghanti** Receiving her Ph.D Degree during VTU convocation held in Belagavi on 10/2/2020



**Dr. Manjula G**



**Vinita Balbhim Patil**

The Research Center in Electronics & Communication Engineering department of **GSSS Institute of Engineering and Technology for Women**, Mysuru under VTU Belagavi is proud of three research scholars Dr. Basanti Ghanti, Dr. Manjula G and Dr. Vinita Balbhim Patil for successful completion of doctoral degree during the academic year 2019-20.

- **Dr. Basanti Ghanti** was a research scholar under the research supervision of Dr. Rajendra R Patil, Professor & Head, ECE Dept. She pursued her Ph. D on the research topic 'Physical Layer Network Coding'.
- **Dr. Manjula G** pursued her Ph. D under the guidance of Dr. Shivakumar M, Principal, GSSSIETW, for the research topic 'Identification of the Features of Stuttering through Automatic Speech Recognition and Validation'.
- **Dr. Vinita Balbhim Patil** completed her research on 'Handwriting Recognition using Hybrid Technique-HMM and Neural Networks' under the supervision of Dr. Rajendra R Patil.

## Research Scholar Status:

Sl. NO.	Name of the Candidate	USN of the Candidate	Name of the Guide	Present Status of Ph D
1	Basanti Ghanti	4GW11PEM01	Dr. Rajendra R Patil	<b>Ph.D. Awarded</b>
2.	G. Manjula	4GW13PEN02	Dr. Shivakumar M	<b>Ph.D. Awarded</b>
3.	Latha. M	4GW15PEJ01	Dr. Shivakumar M	Comprehensive viva completed
4.	Vinita Balbhim Patil	4GW15PEJ03	Dr. Rajendra R Patil	<b>Ph.D. Awarded</b>
5.	Ravikiran H.K	4GW15PEJ04	Dr. Jayanth. J	Thesis submitted.
6.	Bharamappa Irappa Kattimani	4GW16PEJ03	Dr. Rajendra R Patil	Comprehensive viva completed
7.	Raghunandan	4GW17PEA04	Dr. Shivakumar M	Course work pending
8.	Kiran	4GW17PEA05	Dr. Parameshachari.B.D	Comprehensive viva completed
9.	Anitha. K	4GW17PEA06	Dr. Parameshachari.B.D	Comprehensive viva completed
10.	Arpitha Shankar S I	4GW17PEA07	Dr. Shivakumar M	Comprehensive viva completed
11.	Aruna Devi K A	4GW17PEA08	Dr. M.V.Sathyanarayana	Course work pending
12	Jithendra P R Nayak	4GW17PEA09	Dr. Parameshachari.B.D	Comprehensive viva completed
13	Keerthi. Kumar M	4GW18PEC01	Dr. Parameshachari.B.D	Course work pending
14	Shwetha.S. Patil	4GW18PEC02	Dr. Parameshachari.B.D	Course work pending
15	Shwetha Rani	4GW17PES07	Dr. Meenakshi Sundaram	Course work pending

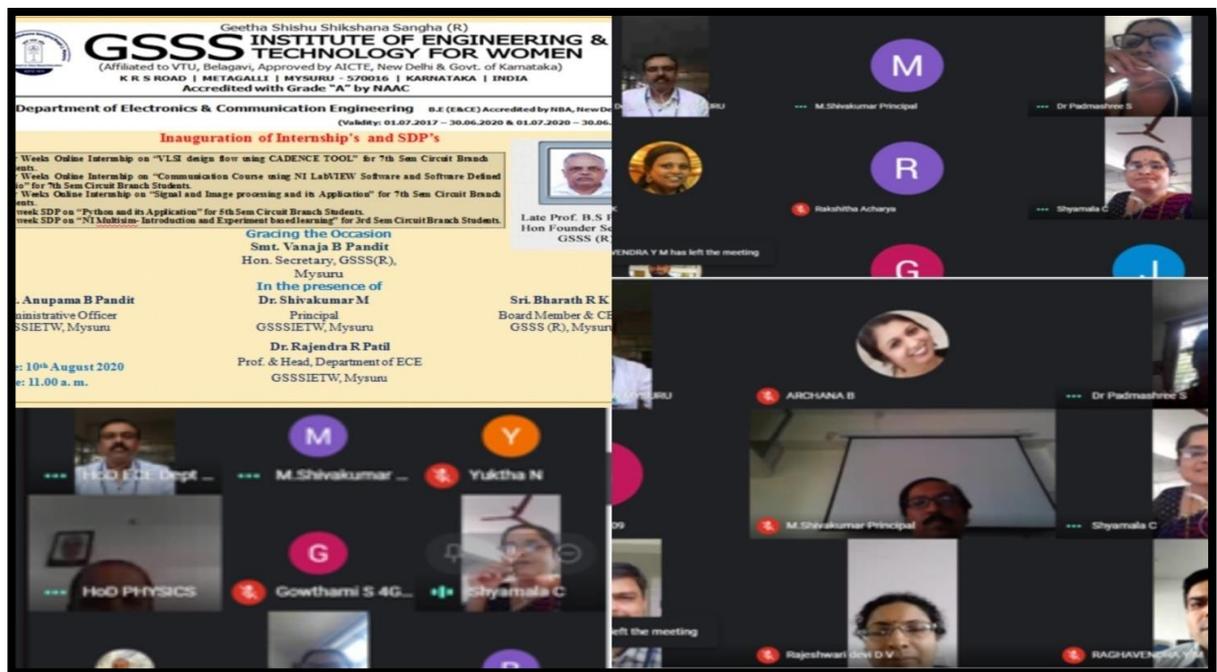
## ACTIVITIES

### Four Weeks Online Internships

The ECE Research Centre in Electronics & Communication Engineering Department, GSSSIETW has organized **4-Weeks three Online Internship programs** for 7th Semester Circuit Branch Students (ECE, TC, EEE and EI) in different domains namely

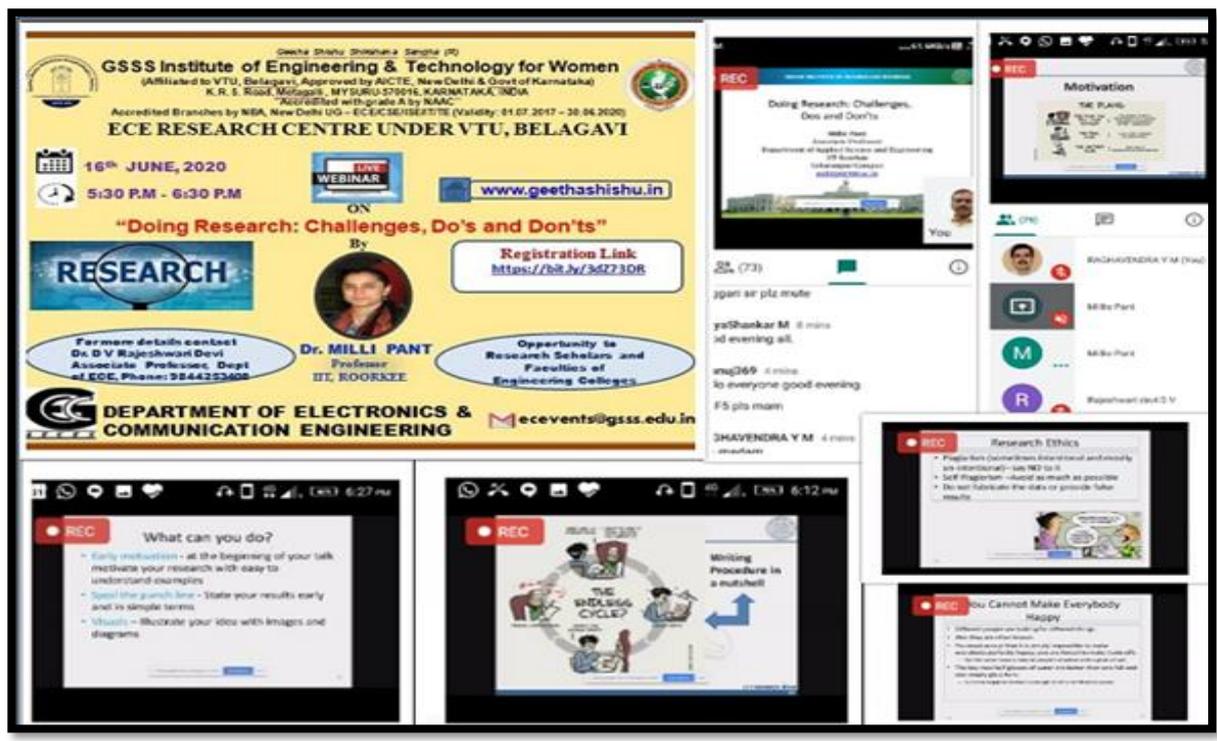
- VLSI design flow using CADENCE TOOL
- Communication Course using NI LabVIEW Software and Software Defined Radio
- Signal and Image processing and its Application

*Students from other colleges were also registered to Internship conducted by ECE RC.*



The faculties who are expert in the particular domain are the resource persons for each of the event. More than 200 students of GSSSIETW of various Semesters have registered for the events in all.

### FDP: Webinar on “Doing Research: Challenges, Do’s and Don’ts” on 16/06/ 2020



The ECE Research Centre of GSSS Institute of Engineering and Technology for Women, Mysuru organized a webinar on “Doing Research: Challenges, Do’s and Don’ts” on 16<sup>th</sup> June, 2020 from 5:30 to 6:30 PM.

The objective of the webinar was to give an insight of doing research, which benefits the research scholars and faculty members of engineering colleges. The webinar was attended by more than 150 participants from different engineering colleges across Karnataka. The keynote speaker, **Dr. Millie Pant, Professor, Department of Applied Sciences & Engineering, IIT Roorkee** gave an overview of research by emphasizing on key points- Motivation, Selection of a research problem, Getting started, Writing and Presenting.

# GSSSIETW ALUMNAE ASSOCIATION

## GSSSIETW GLOBAL ALUMNAE MEET-2020 on 9<sup>th</sup> May 2020

Alumnae Association of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru had organized first virtual 7<sup>th</sup> GSSSIETW Alumnae Meet through Google Meet on 9<sup>th</sup> May 2020.



**Figure: Interaction of Principal Dr. M. Shivakumar and the Faculties with the Alumnae across the World in Google Meet Platform.**

A total number of 31 Alumnae of Electronics & Communication Engineering, across the world, starting from the Graduation batch 2007 to 2019 had been a part of this Meet. To mention a few places Stockholm and Toronto in Canada, Sweden, France, Dubai, UAE, Nuremberg in Germany, Tucson Arizona in United States, Phoenix AZ in USA, Darmstadt in Germany, Melbourne Victoria in Australia, Aberdeen Scotland in United Kingdom, Trivandrum, Chennai, Lucknow, Bengaluru & Mysuru.

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