ECE ANNUAL REPORT 2018-19

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

AECES

DEPARTMENTAL ACHEIVERS (2018-2019)

VTU RANK HOLDERS

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru has bagged **2 RANKS** in VTU examinations of 2018 outgoing batch. **Kum. Chaithra K** has secured **5th rank** by scoring **8.55 CGPA** and **Shanthamma K** has secured **6th rank** by scoring **8.51 CGPA** in **M.Tech Digital Communication and Networking.** These students received honor in 18th annual convocation of VTU on 18th March 2019.

Kum. Chaithra K
5th Rank, M.Tech (DCN)

Kum. Shanthamma K
6th Rank, M.Tech (DCN)

PLACEMENT DETAILS 2018-2019

Sl. No	Name	USN	Company	CTC	Photo
1	POOJA B VEERANNA	4GW15EC072	VM WARE	10.8 LPA	
2	PALLAVI N	4GW15EC064	Applied Materials	8.3 LPA	
3	SWATHI GUPTA S	4GW15EC111	Siemens	5.00 LPA	
4	Shradha Raj	4GW15EC095	L & T Technology services	4.00 LPA	
5	Rakshanda Gowda V	4GW15EC083	L & T Technology services	4.00 LPA	
6	DEEPTHI UPADHYA	4GW15EC029	L & T Technology services	4.00 LPA	
7	KANAKA JAIN M	4GW15EC042	L & T Technology services	4.00 LPA	
8	SWATHI GUPTA S	4GW15EC111	L & T Technology services	4.00 LPA	
9	NIKITA PRASAD	4GW15EC060	L & T Technology services	4.00 LPA	

10	PRIYAVRATHA. N.P	4GW15EC078	L & T Technology services	4.00 LPA	
11	SURAKSHA M S	4GW15EC108	L & T Technology services	4.00 LPA	
12	SAJNA NANJAPPA C	4GW15EC090	Aricent	3.5 LPA	
13	HARSHITHA PRASAD M	4GW15EC034	Aricent	3.5 LPA	
14	RAMYA M G	4GW15EC085	Aricent	3.5 LPA	
15	POOJA B VEERANNA	4GW15EC072	Aricent	3.5 LPA	
16	PALLAVI N	4GW15EC064	Aricent	3.5 LPA	
17	POOJA T C	4GW15EC071	Aricent	3.5 LPA	

18	PRAKRUTHI S	4GW15EC074	M PHASIS	2.52 LPA	
19	BHAVANA M	4GW15EC018	CGI	3.39 LPA	
20	KRUTHIKA M S	4GW15EC045	CGI	3.39 LPA	
21	DAKSHATHA M	4GW15EC027	CGI	3.39 LPA	
22	K R SIDDESHWARI	4GW15EC040	CGI	3.39 LPA	
23	Niveditha S	4gw15ec062	CGI	3.39 LPA	
24	SHREYA GANGAMMA S P	4GW15EC097	CGI	3.39 LPA	
25	SHRUTHI P	4GW15EC101	CGI	3.39 LPA	
26	KRUTHIKA M S	4GW15EC045	BLP	4 LPA	

27	NEETHA S	4GW15EC055	BLP	4 LPA	
28	Pooja Y	4GW15EC073	MINDTREE	3.25 LPA	
29	PRAKRUTHI S	4GW15EC074	TCS	3.36 LPA	
30	Anusha S	4GW15EC010	TCS	3.36 LPA	
31	Lokeshwari M	4GW15EC046	TCS	3.36 LPA	
32	SHREYA GANGAMMA S P	4GW15EC097	TCS	3.36 LPA	
33	Arpitha B S	4gw15ec013	TCS	3.36 LPA	
34	Shreeraksha Acharya	4GW15EC096	TCS	3.36 LPA	
35	SAPNA.P	4GW15EC092	AMPHISOFT	4 LPA	

36	Akshara	4GW15EC002	THOUGHTFO CUS	3.5 LPA	
37	Sharanya CV	4GW15EC093	THOUGHTFO CUS	3.5 LPA	
38	Chethana S	4GW15EC026	INFOSYS	3.6 LPA	
39	Mohammed Shaheen	4GW15EC051	INFOSYS	3.6 LPA	
40	Rachana.P	4GW15EC081	INFOSYS	3.6 LPA	
41	Shreeraksha Acharya	4GW15EC096	WIPRO	4.3 LPA	
42	B R chaitra	4gw15ec014	HCL	3.5 LPA	
43	Bojamma KM	4gw15ec020	HCL	3.5 LPA	
44	Menaka S	4GW15EC050	HCL	3.5 LPA	

45	Mythri M Y	4GW15EC052	HCL	3.5 LPA	
46	Pallavi H.P	4GW15EC063	HCL	3.5 LPA	
47	TEJASWINI E	4GW15EC113	HCL	3.5 LPA	
48	Vathsala M R	4GW15EC117	HCL	3.5 LPA	
49	Indu S	4GW15EC038	24/7	2.88 LPA	
50	Ananya Srivastava	4GW15EC006	Pinnacle	3 LPA	
51	Pooja. B	4GW15EC067	Jaro Education	5.3 LPA	
52	Anam Armaan Raza	4GW15EC004	NuWare Systems	2.7 LPA	
53	SRUSTI M G	4GW15EC105	NuWare Systems	2.7 LPA	

54	Apoorva B G	4GW15EC011	VERIZON	5.25 LPA	
55	Bhanupriya.k	4GW15EC016	Amazon	2.4 LPA	
56	Deepshikha Kumari	4GW15EC028	Amazon	2.4 LPA	
57	Gulapsan R	4GW15EC033	Aradhya's Brilliance Center Train/Hire Model	2.5-4 LPA	
58	Nabeela Rehamatul-Ain	4GW15EC053	Aradhya's Brilliance Center Train/Hire Model	2.5-4 LPA	
59	POOJA D S	4GW15EC068	Q SPIDERS Train/Hire Model	2.5-4 LPA	
60	Aishwarya.B	4GW15EC001	Q SPIDERS Train/Hire Model	2.5-4 LPA	
61	Madhuri R	4GW15EC047	Q SPIDERS Train/Hire Model	2.5-4 LPA	
62	Bhavya.L	4GW16EC404	Q SPIDERS Train/Hire Model	2.5-4 LPA	

63	Priyanka Gangola	4GW15EC076	Q SPIDERS Train/Hire Model	2.5-4 LPA	
64	Syeda farheen	4GW15EC112	Q SPIDERS Train/Hire Model	2.5-4 LPA	
65	Ananya Ramanujan	4GW15EC005	**Robert Bosch**	5 LPA	
66	Chandana vishwanath	4gw15ec025	**Robert Bosch**	5 LPA	
67	Vinutha.S	4gw15ec118	**Robert Bosch**	5 LPA	

TOPPERS LIST 3rd Sem

USN	Name	Semester/ Department	Percentage	Photo
4GW16EC086	**Shilpa M**	**3rd sem /ECE**	**96%**	
4GW16EC054	**Nisarga R**	**3rd sem /ECE**	**95.3%**	
4GW16EC062	**Preethi N S**	**3rd sem /ECE**	**92.6%**	

5ᵗʰ sem

USN	Name	Semester/Department	Percentage	Photo
4GW16EC008	Anusha N	5ᵗʰ sem /ECE	85.62%	
4GW16EC017	B S SHUBHASHREE	5ᵗʰ sem /ECE	85.08%	
4GW16EC067	Priyanka R	5ᵗʰ sem /ECE	84.75%	

7ᵗʰ sem

USN	Name	Semester/Department	Percentage	Photo
4GW15EC047	MADHURI R	7ᵗʰ sem /ECE	84.00%	
4GW15EC045	KRUTHIKA M S	7ᵗʰ sem /ECE	83.50%	
4GW15EC064	PALLAVI N	7ᵗʰ sem /ECE	83.25%	

8th SEM

USN	Name	Semester/Department	Percentage	Photo
4GW15EC045	Kruthika M S	8th Sem /ECE	89.4	
4GW15EC073	Pooja Y	8th Sem /ECE	88.5	
4GW15EC047	Madhuri R	8th Sem /ECE	88.4	

6th Sem

USN	Name	Semester/Department	Percentage	Photo
4GW16EC008	Anusha N	6th Sem /ECE	84	
4GW16EC107	Umme Kulsum	6th Sem /ECE	83.3	
4GW16EC007	AMRUTHA R	6th Sem /ECE	83	

4th Sem

USN	Name	Semester/ Department	Percenta ge	Photo
4GW17EC098	Sushmitha K M	4th Sem /ECE	88.37	
4GW17EC104	Uma D	4th Sem /ECE	88.37	
4GW17EC073	Ranjitha M	4th Sem /ECE	88.12	
4GW17EC062	Preethi N S	4th Sem /ECE	88	

DEPARTMENTAL ACHIEVEMENTS

Memorandum of Understanding (MoU)

Signing of MOU between GSSSIETW, Mysuru & KrutiBimb Concepts, Bengaluru

[From Left]: **Swathi Gupta, Sajna Nanjappa**, VII Sem Students, ECE Department, Sri R.K. Bharath, CEO and Management Committee member GSSS(R), **Dr. Shivakumar M**, Principal, GSSSIETW Mysuru, **Mr. Narasimha Kumar**, Chief Technology Officer, KrutiBimb concepts, Bengaluru, **Mr. Naveen Rabakavi**, Principal Researcher, KrutiBimb concepts, Bengaluru, **Mr. Muthukumaraswamy D P K**, Chief Executive Officer, KrutiBimb concepts, Bengaluru, **Dr. Rajendra R. Patil**, Professor & Head, Dept of ECE, **Dr. S. Padmashree**, Professor, Dept of ECE, **Smt. Sushma S J**, Associate professor, Dept of ECE , **Dr Jayanth J**, Associate professor, GSSSIETW, Mysuru.

A Memorandum of Understanding (MoU) was formally signed recently between GSSS Institute of Engineering and Technology for Women (GSSSIETW), Mysuru and KrutiBimb Concepts, Bengaluru to bridge the gap between Industry and Institution at GSSSIETW, Mysuru. KrutiBimb Concepts intends to play a critical role in crafting the future of advanced engineering systems, leveraging their extensive experience in systems engineering. Driven by innovation as the central theme, at KrutiBimb creates products with highly positive social impact.

Signing of MOU between GSSSIETW, Mysuru and Advanced Electronic Systems, Bengaluru on 4th May 2018

[From Left] **Dr Rajendra R. Patil**, Professor, Dept. of ECE, **Sri. R.K Bharath**, CEO and Management Committee Member GSSS(R), **Dr. M Shivakumar**, Principal, GSSSIETW, **Mr. Sunil Shambhatnavar**, General Manager, ALS, Bengaluru, **Dr. M. V. Sathyanarayana**, Professor & Head, Dept. of ECE, **Dr. S Padmashree**, Professor, ECE Dept., **Dr. Jayanth**, Associate Professor, Dept of ECE.

A Memorandum of Understanding (MoU) was formally signed between GSSS Institute of Engineering and Technology for Women (GSSSIETW), Mysuru and Advanced Electronic Systems (ALS), Bengaluru to bridge the gap between Industry and Institution on **4th May 2018** at GSSSIETW. The MoU is intended for technical cooperation between the Advanced Electronic systems, Bengaluru and the Department of ECE, GSSIETW.

Signing of MOU between GSSSIETW and Kaynes Technology, Mysuru on 1st February 2018

A Memorandum of Understanding (MoU) was formally signed recently between **GSSS Institute of Engineering and Technology For Women, Mysuru** and **Kaynes Technology**, Mysuru. Intended for technical cooperation between the Kaynes Technology and the Departments of TE and ECE, the MOU was signed by **Dr. M Shivakumar** Principal, GSSSIETW and **Mr. P V Harish Sundar,** Business Head- Embedded Design Services, Kaynes Technology, Mysuru. **Sri. R.K Bharath**, CEO and Management Committee Member GSSS(R), **Dr. M V Sathyanarayana**, HOD, Dept. of ECE, **Dr. Parameshachari B D**, HOD, Dept. of TCE, **Dr. S. Padmashree,** Professor, Dept. of ECE, **Smt. Latha M,** Assistant Professor, dept. of TCE were present on the occasion.

By signing this MOU, Department of Electronics and Communication Engineering is planning to conduct various programs like Technical Seminars, Hands on workshops, Industrial Visits, Conferences and FDP with a vision to set up a project lab.

Signing of MOU between GSSSIETW, Mysuru and KAAYA TECH INC., MYSURU on 11th May 2018

From left**: Dr. Rajendra. R. Patil**, Professor, Dept. of ECE, **Sri. R.K Bharath**, CEO, GSSSIETW and Management Committee Member, GSSS(R), **Dr. M. Shivakumar,** Principal, GSSSIETW, **Mr. Harsha Kikkeri,** CEO kaaya Tech Inc., Mysuru, **Dr. M. V. Sathyanarayana**, Professor and Head, Dept. of ECE, **Dr. Jayanth. J,** Associate Professor, **Dr. S. Padmashree**, Professor, and **Mrs. Sushma S J**, Associate Professor from Dept of ECE

The MoU was formally signed between GSSS Institute of Engineering and Technology for Women, Mysuru and kaaya Tech Inc., Mysuru to bridge the gap between Industry and Institution on **11ᵗʰ May 2018** at GSSSIETW. The MoU is intended for technical cooperation between the kaaya Tech Inc., Mysuru and the Department of ECE, GSSIETW. By signing this MOU, GSSSIETW and kaaya Tech Inc., have agreed to jointly organize training programs for both students and faculty members, internship programs for students, conduction of Faculty Development Programs, jointly conduct Project works, Internship and assisting students in placements.

TECHNICAL FORUM –AECES & IETE
2019
1. Inaugural function of National Conference on Communication and Data Science (NCCDS – 2019)

Dr. Padmashree S, Professor, Dept. of ECE Conference Convener of NCCDS-2019, **Sri. R K Bharath**, CEO & Management Committee Member GSSS(R), **Chief Guest Dr. Suryakanth V Gangashetty**, Professor, IIIT, Hyderabad. **Dr. Shivakumar M**, Principal, GSSSIETW, **Dr. Rajendra R Patil**, Professor & Head, Dept. of ECE, Conference Convener of NCCDS-2019 are seen releasing the **NCCDS-2019 Proceedings.**

Sri. R K Bharath, CEO & Management Committee Member GSSS(R) felicitating the Chief Guest **Dr. Suryakanth V Gangashetty,** Professor, IIIT, Hyderabad.

A one day **National Conference on Communication and Data Science (NCCDS – 2019) was** organized by the Department of Electronics & Communication Engineering of GSSS Institute of Engineering and Technology for Women Mysuru on **26th April 2019** in association with IETE and publication partners BJIT- International Journal of Information Technology published by Springer Nature & International Journal of Computer Application (IJCA) .

2. PROJECT SYMPOSIUM 2019

From Left to Right : *Standing* : **Dr. M Shivakumar**, *Principal, GSSSIETW, Mysuru, Chief Guest* **Mr. Bhaskar Kalale,** *President, Theorem India Pvt. Ltd., Mysuru and Chairman Confederation of Indian Industry (CII), Mysuru,* **Dr. Pajendra R Patil**, *Professor & Head, Department of Electronics & Communication Engineering, GSSSIETW, Mysuru.*

GSSS Institute of Engineering and Technology for Women, Mysuru organized Project Symposium for the final year students of the College on **09th March 2019.** The Programme was inaugurated by **Mr. Bhaskar Kalale**, President, Theorem India Pvt. Ltd., Mysuru and Chairman Confederation of Indian Industry (CII), Mysuru was the Chief Guest for the function.

3. Five Day Workshop on NI LabView from 28/01/2019 to 1/02/2019

Sri. Visweswaran J, Territory Manager – Academic South, National Instruments Bengaluru. **Dr. Shivakumar M**, Principal, GSSSIETW, **Dr. Rajendra R Patil**, Professor & Head, Dept. of ECE

The Department of Electronics and Communication Engineering organized the "Inaugural function of NI LabVIEW ACADEMY SCHOOL (LAS), and Five Days Skill Development Workshop on NI LabVIEW Module 1 - Core 1 & 2" on 28th Jan 2018 in the Seminar Hall,

GSSSIETW. The LabVIEW Centre at GSSSIETW has now been recognized as authorized NI LabVIEW Academy School. The chief guest for the event was Sri. Visweswaran J, Territory Manager – Academic South, National Instruments Bengaluru.

4. Two days SDP on "Data Structure and Programming" 7th and 8th Feb 2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a 2 days SDP on "Data Structure and Programming" to IV Semester students 7th and 8th Feb 2019 .The resource person is **Sri. Raamaa G Srinivas,** Technology Consultant, Richman & Freeland (In Association with Skill You Entriprises Pvt Ltd) Hydrabad.

5. Three Days FDP on Analog & Digital System Design using Cadence Tool from 23/01/2019 to 25/01/2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a Three Days FDP on **Analog & Digital System Design using Cadence Tool** from 23/01/2019 to 25/01/2019.The resource person is **Mr. Naveen Sankar,** Field Application Engineer, Entuple Technologies Ltd., Bengaluru.

6. Technical Talk on "Introduction to Embedded Systems" 1st March 2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a Technical Talk on "Introduction to Embedded Systems" 1st March 2019.The resource person is **Mr Saravannan Vikram**, Kaynes Technologies, Mysuru organized for IV semester students.

7. One day Skill Development Program (SDP) is organized to VIII semester students on "RF and Mobile Communication System" 28th March 2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a One day Skill Development Program (SDP) is organized to VIII semester students on "RF and Mobile Communication System" 28th March 2019. The resource persons is **Mr. Thejesh P**, Technical Manager, Loginware Softec Pvt Ltd

8. Technical Talk on "HAM (Amature Radio)" 28th Feb 2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a Technical Talk on "HAM (Amature Radio)" 28th Feb 2019. The resource persons is **Dr S. Sathyapal,** Director - Indian Institute of Hams, Karnataka Chapter organized for IV, VI and VIII semester students

9. Technical talk on "Artificial Intelligence & Machine Learning'' from 22nd Feb 2019
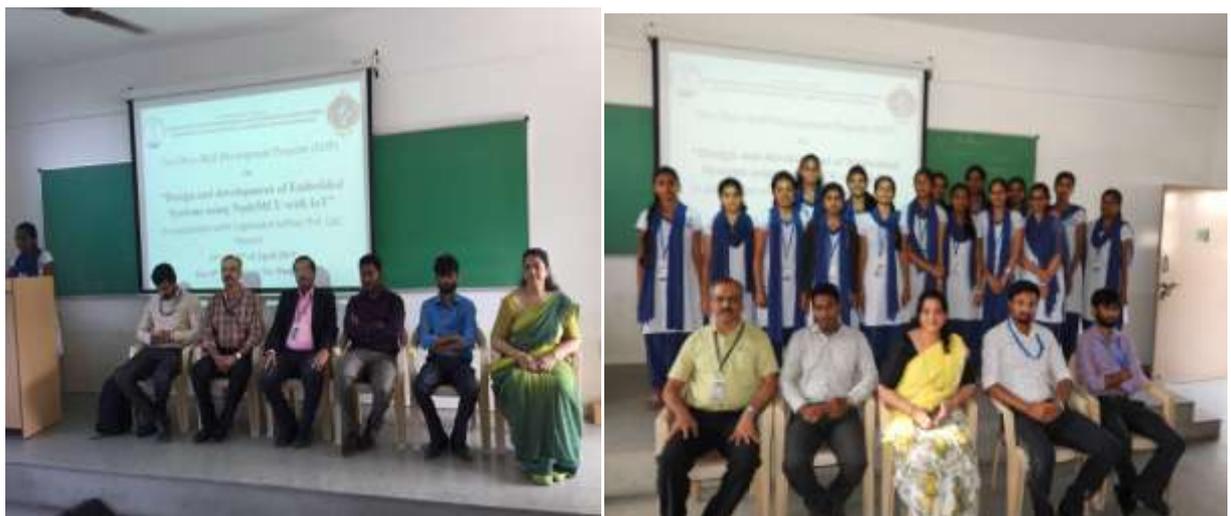
The Department of Electronics and Communication Engineering & Department of Telecommunication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru has recently organized a technical talk on *"Artificial Intelligence and Machine Learning transforming industries"* under IETE Students' Forum (ISF) for the 8th semester students of Department of Electronics and communication Engineering and Department of Telecommunication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru.

10. One day Skill Development Program (SDP) is organized on "RF and Mobile Communication System" 28th March 2019

The one day Skill Development Program (SDP) on "**RF and Mobile communication systems**" was inaugurated by Mr Thejesh P Resource Person, Founder and head of Loginware Softtec (P). Ltd, Hassan. Dr. Rajendra R. Patil, Professor and Head, ECE Dept. expressed the importance and need of the SDP. Mr. Thejesh P gave information about the communication technology and RF. In this full day program an insight to Arduino module and different RF modules such as GPS and GSM were discussed. Controlling LEDs from Mobile phones through remote Bluetooth was also implemented. Students interacted throughout the session.

11. Two Days Skill Development Workshop on "Design and Development of Embedded Systems using IoT and NodeMCU from 2nd April to 3rd April 2019 for IV 'A'section and 4th April to 5th April 2019 'B'sec students

Department of Electronics & Communication Engg, GSSSIETW, in association with LOGINWARE SOFTTEC (P).LTD, Hassan, organized two days workshop on "**Design and Development of Embedded system using nodeMCU with IoT**" for 4th semester ECE students from 2nd to 5th April 2019. The resource person is Mr Thejesh P Resource Person, Founder and head of Loginware Softtec (P). Ltd, Hassan.

Dr. M Shivakumar, Principal, GSSSIETW Mysuru, **Dr. Rajendra R Patil,** Professor & Head, Research Centre ECE, GSSSIETW Mysuru, Chief Guest of the FDP Program **Mr. M S Srinivasa**, Training Manager, EBSCO Information Services India Pvt Ltd, South India.

2018

1. Talk on "Management and Entrepreneurship" on 22nd Sept 2018

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a Talk on "Management and Entrepreneurship" to V semester students on 22nd September 2018.The resource person is **Smt Sushma J,** Senior Account Executive at Ogilvy Bangalore, Windowseat Communications.

2. Two Days Practical workshop On "Python Programming" from 7th and 8th of September 2018

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a 2 Days Practical workshop On "Python Programming" from 7th and 8th of September 2018 for 5th semester 'A' section students in association with Kaaya Tech Pvt Ltd ,Mysuru.The resource persons is Mr Shreyas, Mr.Stafford Michael . VP of Product Development, Dr .Thotringhem Kasar.VP of Research , Mrs.Padma KaayaTech Inc. Mysuru.

3. Two Days workshop on "Embedded Systems & IoT" from 26th & 27th Sept 2018

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a 2 Days workshop on "Embedded Systems & IoT" to VII semester students from 26th & 27th Sept 2018.The resource persons is **Mr.Thejesh P**, Technical Manager, Loginware Softec Pvt Ltd.

4. Hands on session on "Electronic Workbench Tool" on 10/11/2018

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a Workshop on **"Hands-on Electronics Workbench Tool"** for I semester A ECE students on 10th November 2018, under Department Forum (AECES)

5. Two Days Skill Development Program on Embedded System and IoT Application (using MSP430, Texas Instruments)" from 29/10/2018 & 30/10/2018

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, had organized Two Days Workshop on **"Embedded Systems and IOT"** by the Department of ECE & TCE, GSSSIETW, Mysuru under IETE Students' Forum (ISF) in association with Loginware Softtec pvt. Ltd., Hassan, on 26th & 27th October 2018.

6. Technical talk on "Analog & Digital Electronics" on 8th September 2018.

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, organized a technical talk on "Analog & Digital Electronics" on 8th September 2018. The Resource person was **Mr.Nikhil Shetty, Co-founder & Chief product Architect Kidvento Education.**

7. Two days Skill Development Program on "EMBEDDED SYSTEM AND IoT APPLICATIOS" 29th and 30th October 2018.

The department of ECE, GSSSIETW, Mysuru, has organized a two days Skill Development Program on "Embedded System and IoT Application (using MSP430, Texas Instruments)" dated 29th & 30th October 2018.

7. Workshop on Advance Embedded Systems

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, had organized Workshop on **"Advanced Embedded Systems"** for VII semester students.

INDUSTRIAL VISITS 2018-19

INDUSTRIAL VISIT TO "ALL INDIA RADIO", MYSORE ON 6TH MARCH 2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, had organized Industrial visit to "ALL INDIA RADIO", Mysore on 6TH March 2019 for 6th semester ECE 'A' students with **Mrs. Asha M,** Assistant Professor, **Mrs. Spoorthi Y,** Assistant Professor and **Kavya. P,** Asst. Instructor.

INDUSTRIAL VISIT TO "ALL INDIA RADIO", MYSORE ON 8th MARCH 2019

The Department of Electronics & Communication Engineering of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, had organized Industrial visit to "ALL INDIA RADIO", Mysore on 6TH March 2019 for 6th semester ECE 'B' students with **Mr. Sunil Bhatia,** Director, AIR, Mysore, **Mr.Mahanthesh U,** Assistant Professor, **Smt. Shyamala. C**, Assistant Professor and **Krishnaveni. K** Assistant Instructor.

INDUSTRIAL VISIT TO "CFTRI", MYSORE ON 27TH FEBURARY 2019

In picture - 4th semester ECE 'A' students with Mr. Raghavendra Y M, Asst. Professo GSSSIETW, Smt. Nalina M, Asst. Professor, GSSSIETW, Prashanth B.S (Foreman ECE Dep GSSSIETW)

INDUSTRIAL VISIT TO "CFTRI", MYSORE ON 6TH MARCH 2019

In picture - 4th semester ECE 'B' students with Smt.Anitha.K(Asst.professor, GSSSIETW Smt.Archana B(Asst.professor, GSSSIETW), Srinidhi .P (Asst.Instructor, ECE Dept,GSSSIETW)

INDUSTRIAL VISIT TO   INNOVATIVE ELECTRONICS, MYSORE dated 18-10-2018

Picture: staffs and students of ECE (III semester 'A') at Innovative Electronics, Mysuru.

INDUSTRIAL VISIT TO   INNOVATIVE ELECTRONICS, MYSORE dated 18-10-2018)

staffs and students of ECE (III semester 'B') at Innovative Electronics, Mysuru.

INDUSTRIAL VISIT, ATRIA POWER PLANT Dated 05-09-2018

Picture: Students & Staffs of VII Sem B- Sec ECE at ATRIA, Power Plant

INDUSTRIAL VISIT, ATRIA POWER PLANT Dated 05-09-2018

Picture: Students & Staffs of VII Sem A- Sec ECE at ATRIA, Power Plant

INDUSTRIAL VISIT TO "MASTER CONTROL FACILITY(MCF)" , HASSAN
ON 30th AUGUST 2018

In the picture – 5th semester ECE students with the faculties of GSSSIETW, MYSORE.

INDUSTRIAL VISIT, MCF Hassan Dated 21-08-2018

Picture: Students & **S**taffs of V Sem A- Sec ECE at Master Control Facility (MCF), Hassan.

Parent- Teacher Meeting was held on **3rd November 2018** 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

Sl No	Name of Student	Workshop/Seminar/internship/Technical/Non-Technical Event	Event Date
1	Swathi R and Swathi P	**Event :** Arduino IOT **Place :** ATME College of Engineering, Mysuru **Activity:** Participated	21st & 22nd March 2019
2	Priyanka B M, Priyanka R, Pushpa K and Priyadarshini N S	**Event :** The Design & Innovation Clinic : Central Manufacturing Technology Institute, Bengaluru **Activity:** Participated	16th March 2019
3	Priyanka B M, Priyanka R, Pushpa K and Priyadarshini N S	**Event :** The Design & Innovation Clinic **Place :** Central Manufacturing Technology Institute, Bengaluru **Activity:** Certificate of Honour	16th to 18th March 2019
4	Priyanka R and Priyadarshini N S	**Event :** AJIET AAKAR-2K19 **Place :** A J Institute of Engineering and Technology, Mangaluru **Activity:** Paper Presentation	9th & 10th March 2019
5	Priyanka R, Dhanalakshmi M S and Priyadarshini N S	**Event :** AJIET AAKAR-2K19 **Place :** A J Institute of Engineering and Technology, Mangaluru **Activity:** Participated in QUIZ	9th & 10th March 2019
6	Varshini S	**Event :** 2 days workshop on IoT-Internet of Things **Place :** Rajeev Institute of Technology, Hassan **Activity:** Participated	1st & 2nd March 2019
7	Swathi P	**Event :** Workshop on MATLAB **Place :** National Institute of Engineering, Mysuru **Activity:** Participated	1st March 2019
8	Bhoomika R, and Monika Priyanka S	**Event :** YUVA DASARA - 2018 **Place :** Mysuru **Activity:** Participated	12th to 17th October 2018
9	Swathi P	**Event :** ALEXA SESSION **Place :** National Institute of Engineering, Mysuru **Activity:** Participated	29th September 2018
10	Nisarga Prakash	**Event :** ESSAY WRITING **Place :** Star of Mysore Education Fair, Mysuru **Activity:** Won First Place	8th to 10th Feb. 2019
11	Priyadarshini N S	**Event :** Workshop on Artificial Intelligence and Machine Learning **Place :** GSSSIETW, Mysuru	**2019**

12	Priyanka T, Rachana B and Sahana K N	**Event :**Entrepreneurship Awareness Camp **Place :** GSSSIETW, Mysuru **Activity:** Participated	9th – 10th Oct 2018
13	Priyanka T, Rachana B and Sahana K N	**Event:** Sweden-India Nobel Memorial Quiz **Place :** R V College of Engineering, Bengaluru **Activity:** Participated.	3rd Oct 2018
14	Priyanka T, Rachana B and Sahana K N	**Event:** PRAYAG - 2018 **Place :** GSSSIETW, Mysuru **Activity:** Participated	28th Sep 2018
15	Priyadarshini N S	**Event:** Inter-Collegiate Climate & Environment Science Quiz **Place:** Indian Institute of Science, Bengaluru. **Activity:** Participated	11th Sep 2018
16	Priyanka T, Rachana B, Ranjitha M, Rashmi G, Sahana K N and Vinitha K R	**Event:** TRIATHLON – State level Technical Competition **Place :** Vidyavardhaka College of Engineering, Mysuru **Activity:** Participated	8th – 9th Sep 2018
17	Priyadarshini N S	**Event :** Workshop on Artificial Intelligence with Chatbot **Place :** P.E.S College of Engineering, Mandya **Activity:** Participated.	7th – 8th Sep 2018
18	Harshitha N	**Event:** Internship on various IoT tools & Technologies. **Place :** JSS Academy of Technical Education, Mysuru **Activity:** Participated	24th – 31st July 2018

FACULTY ACHIEVEMENTS

Faculty Publications:

Sl. No.	Name	Title of Paper	National or International Journal
1	Dr. Rajendra R Patil	Iterative Relay Receiver for Physical Layer Network Codes Transmission"	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 5, Issue 7, pp: 496-503, July 2018
2	Dr. Rajendra R Patil	Performance of PNC with Digital Prefilter based Receiver Equalizer"	International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501, Vol.8, No.3, May-June 2018
3	Dr. Rajendra R Patil	Impact of Pre- and Post Equalization on the Performance of PNC	International Journal of Engineering and Technology (IJET), November 2018

4	Dr. Rajendra R Patil	Performance of Analog Network Coded Communication with Channel Noise Assisted Gain.	International Journal of Engineering and Technology (IJET), November 2018
5	Dr. Rajendra R Patil	Writer identification using hidden markov model tool kit	International conference on signal processing, communications and System design-2019
6	Dr. Rajendra R Patil	Zadoff Chu Spreading Sequence for 5G Wireless Communications",	First International Conference on Photonics, Signal Processing and Communication Technologies (ICPSPCT-2018), organized by Ramaiah University of Applied Sciences, Bangalore, 18, 19 and 20 July 2018
7	Dr. Padmashree S	A Study on Diagnosis of Autism Spectral Disorder Using Artificial Intelligence Techniques	IJIRT (International Journal of Innovative Research in Technology)
8	Dr. Padmashree S	"Brand Logo Detection Using Convolutional Neural Network"	International Journal of Engineering Research and Technology (IJERT), Volume 6, Issue 13, NCESC -2018 Conference proceedings
9	Dr. Padmashree S	"Brain Cancer Detection Using Artificial Neural Networks"	International Journal of Engineering Research and Technology (IJERT), Volume 6, Issue 13, NCESC -2018 Conference proceedings
10	Dr. Jayanth J	"Investigating Misclassification of Semi-urban LU/ LC Features on IRS Data based on Fuzzy K-mean"	International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 3, Issue 3, pp. 1305-1319, 2018.
11	Dr. Jayanth J	"Investigating ISODATA Misclassification in Semi-urban Area",	International Journal of Engineering and Techniques, Vol .4 Issue 6, pp. 498-507, 2018.
12	Mahanthesha U	Smart Digital Monitoring For Attendance System	International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering - (ICRIEECE) July 27th & 28th 2018 School of Electrical Engineering, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, India. (Deemed to be University U/S 3 of the UGC Act, 1956).
13	Mahanthesha U	"A therapy system for articulation disorder correction"	Third National Conference on Electronics, Signal and Communication (NCESC-2018) conducted in association with IEEE

			Bangalore Section and International Journal of Engineering Research and Technology (IJERT) on 17th May 2018.
14	Mahanthesha U	Depth based tracking of moving objects using KINECT"	Third National Conference on Electronics, Signal and Communication (NCESC-2018) conducted in association with IEEE Bangalore Section and International Journal of Engineering Research and Technology (IJERT) on 17th May 2018.
15	Sunitha R	Accent Identification	Third national Conference on NCESC -2018 conducted in association with IEEE Bangalore section & International Journal of IJERT on 17th may 2018
16	Sunitha R	Cloud Assisted WBAN based Ubiquitous Health care Management System & its Applications in Telemedicine(HST)	Third national Conference on NCESC -2018 conducted in association with IEEE Bangalore section & International Journal of IJERT on 17th may 2018
17	Nalina H D	Secured data transmission using Video Steganography	Third National Conference on Electronics, Signal and Communication (NCESC-2018) conducted in association with IEEE Bangalore Section and International Journal of Engineering Research and Technology (IJERT) on 17th May 2018.
18	Spoorthi Y	"A Smart Photography using Kinect"	Third national Conference on NCESC -2018 conducted in association with IEEE Bangalore section & International Journal of IJERT on 17th May 2018 at GSSSIETW, Mysuru
19	Priyanka P	"Low cost smart irrigation system using Arduino"	Third National Conference on Electronics, Signal and Communication (NCESC-2018) conducted in association with IEEE Bangalore Section and International Journal of Engineering Research and Technology (IJERT) on 17th May 2018.
20	Priyanka P	"Transformer prevention by using Arduino with GSM Modem"	National Conference on Communication and Data Science (NCCDS – 2019), 26th April 2019
19	Raghavendra Y M	Performance Evaluation of FSC Routing Protocol in Wireless Sensor Networks	Third National Conference on Electronics, Signal and Communication (NCESC-2018) conducted in association with IEEE Bangalore Section and International Journal of Engineering Research and Technology (IJERT) on 17th May 2018.

Conference/ Symposia/ Seminars/Workshops etc attended by faculties

Sl. No.	Name	Name of the Conference etc.	Place	Date
1	Dr. Rajendra R. Patil,	"Zadoff Chu Spreading Sequence for 5G Wireless Communications", First International Conference on Photonics, Signal Processing and Communication Technologies (ICPSPCT-2018), organized by Ramaiah University of Applied Sciences,	Bangalore	18, 19 and 20 July 2018
2	Dr. Rajendra R. Patil,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
3	Dr. Padmashree S	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
4	Dr. Padmashree S	4 days workshop on Energy conservation and Building code (ECBC) organized by Karnataka Renewable energy development Limited (KREDL) with support from UNDP-GEF-BEE project	GSSSIETW Mysuru	From 25-7-18 to 28-7-18
5	Dr Jayanth J	Organized and delivered a talk on NAAC criteria	GSSSIETW Mysuru	7-6-2018
6	Dr Jayanth J	Delivered a Talk regarding criteria 2 at NBA workshop for MBA staff held a GSSSIETW.	GSSSIETW Mysuru	15-6-2018
7	Dr Jayanth J	Reviewer for 3rd International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS-2018), technically co-sponsored by IEEE, during		20th - 22nd December 2018.
8	Dr Jayanth J	Worked as a chief coordinator for KSCST 41st Mid Term project Evaluation program	conducted at GSSSIETW as a NODAL center for KSCST, Bengaluru	21-5-2018.
9	Mahanthesha U	TEQIP-III Sponsored One week FDP on "Machine Learning"	at Dept. of E & C, Malnad College of Engineering, Hassan	From 28th JUNE 2018 to 2nd JULY 2018

10	Mahanthesha U	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
11	Sunitha R	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
12	Sunitha R	4 days workshop on Energy conservation and Building code (ECBC) organized by Karnataka Renewable energy development Limited (KREDL) with support from UNDP-GEF-BEE project	GSSSIETW Mysuru	From 25-7-18 to 28-7-18
13	Sunitha R	Attended workshop on NAAC criteria	GSSSIETW Mysuru	7-6-2018
14	Nalin H D	TEQIP-1.3 Sponsored one week FEP on "Analog Electronic Circuits"	Dept of DECS, VTU Centre for Post Graduate Studies, Mysuru	From 6th to 10th August 2018
15	Nalina H D	International seminar on "Research and Innovation in engineering and Technology"	GSSSIETW Mysuru	17th dec 2018
16	Nalina H D	Three days Faculty Development Program on "Analog and Digital System using cadence Tool"	GSSSIETW Mysuru	From 22nd to 24th January 2019
17	Nalina H D	One day workshop on "VLSI analog filters & Sigma Delta Converters"	VTU Regional office, Bengaluru	21st FEB 2019
18	Bharathi R	Interactive research orientation workshop	ECE Dept., VVCE, Mysuru	16th to 20th January 2019
19	Bharathi R	NI LabVIEW USRP workshop	ECE Dept, GSSIETW, Mysuru	17th to 21st September 2019
19	Bharathi R	One day FDP on "Effective eresources retrieval strategies for efficient research"	ECE Dept, GSSIETW, Mysuru	9th January 2019
20	Bharathi R	International seminar on research & innovation in engineering & technology	ECE Dept, GSSIETW, Mysuru	17th December 2018

21	Bharathi R	NI LabVIEW using My Rio workshop	ECE Dept, GSSIETW, Mysuru	23rd to 27th April 2018
22	Anitha K,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
23	Asha M,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
24	Thilagavathy R	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
25	Archana B,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
26	Padma R,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
27	Spoorthi Y	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
28	Shyamala C,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
29	Aravind R	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
30	Boregowda H B	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
31	Rashmi H C,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
32	Priyanka P,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
33	Yashonidhi Yajaman,	International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th dec 2018
34	Raghavendra Y M	3rd national Conference on Electronics ,Signals and Communication	GSSSIETW Mysuru	17th May 2018
35	Raghavendra Y M	4 Days FDP on Energy Conservation Building Codes	GSSSIETW Mysuru	25th to 28th Jul 2018
36	Raghavendra Y M	QUALITY INDICATOR FRAMEWORK (QIF) for NAAC Process	GSSSIETW Mysuru	23rd to 24th Jul 2018
37	Raghavendra Y M	FDP on "IoT and Embedded System Design"	GSSSIETW Mysuru	24th to 28th Sep 2018
38	Raghavendra Y M	International seminar on research and Innovation in Engineering and	GSSSIETW Mysuru	17th Dec

		technology		2018
39	Raghavendra Y M	Five day FDP on Cyber Security,Network Simulators and Research Challenges in Networking.	VVCE, Mysuru	21st to 25th Jan 2019
40	Spoorthi Y	Attended International seminar on "Research and Innovation in engineering and Technology	GSSSIETW Mysuru	17th Dec 2018
41	Spoorthi Y	Attended 4 days workshop on Energy conservation and Building code (ECBC) organized by Karnataka Renewable energy development Limited (KREDL) with support from UNDP-GEF-BEE project	GSSSIETW Mysuru	from 25-7-18 to 28-7-18
42	Spoorthi Y	Attended workshop on NAAC criteria	GSSSIETW Mysuru	7-6-2018
43	Spoorthi Y	Attended Three Days Faculty Development Program on "Analog and Digital system Design using Cadence Tool"	GSSSIETW Mysuru	23/01/2019 to25/01/2019
44	Asha M	3rd national Conference on Electronics,Signals and Communication	GSSSIETW Mysuru	17th May 2018
45	Asha M	4 Days FDP on Energy Conservation Building Codes	GSSSIETW Mysuru	25th to 28th Jul 2018
46	Asha M	QUALITY INDICATOR FRAMEWORK (QIF) for NAAC Process	GSSSIETW Mysuru	23rd to 24th Jul 2018
47	Asha M	FDP on "IoT and Embedded System Design"	GSSSIETW Mysuru	24th to 28th Sep 2018
48	Asha M	International seminar on research and Innovation in Engineering and technology	GSSSIETW Mysuru	17th Dec 2018
50	Asha M	Five day FDP on Cyber Security,Network Simulators and Research Challenges in Networking.	VVCE, Mysuru	21st to 25th Jan 2019
51	Asha M	Five day FDP on Interactive Research Orientation workshop .	VVCE, Mysuru	16th to 20th Jan 2019
52	Asha M	TEQIP-III Sponsored Two day FDP on Next generation Optical Communication Systems .	MCE, Hassan	12th to 13th NOVEM

				BER 2018
53	Boregowda H B	TEQIP-III Sponsored Two day FDP on Delibration of 3rd to 8th Semester 2018 scheme, syllabus.	VVCE, Mysuru	25th and 26th April 2019
54	Anitha K	TEQIP-III Sponsored Two day FDP on Delibration of 3rd to 8th Semester 2018 scheme, syllabus.	VVCE, Mysuru	25th and 26th April 2019
55	Priyanka P	NI LabVIEW USRP workshop	ECE Dept, GSSIETW, Mysuru	17th to 21st September 2019
56	Priyanka P	5Days FDP on "Evolution of Research Techniques, Tools and Commercialization Aspects"	MIT College, Mysuru	21st to 25th Jan 2019
57	Priyanka P	4 Days VGST FDP on " Data Analytics, Next Generation Programming Languages and Simulations"	Sapthagiri College of Engineering, Bangalore	27th to 31st July 2018
58	Priyanka P	One day FDP on "Effective eresources retrieval strategies for efficient research"	ECE Dept, GSSIETW, Mysuru	9th January 2019
59	Priyanka P	Won First Prize in literature survey and quiz competition	MIT College, Mysuru	21st to 25th Jan 2019

Students and Faculty Presentations in **National Conference on Communication and Data Science (NCCDS – 2019)** was organized by the Department of Electronics & Communication Engineering of GSSS Institute of Engineering and Technology for Women Mysuru on **26th April 2019** in association with IETE and publication partners BJIT- International Journal of Information Technology published by Springer Nature & International Journal of Computer Application (IJCA).

Sl. No	Titles and Authors of National Conference on Communication and Data Science (NCCDS – 2019)
1	**Effects of Single and Double Wide Slotted Microstrip Patch Antennas Using Direct Contact Probe Feed Excitation with Broadsided Radiation Characteristics**
	Dr.Ambresh P Ambalgi, Sujata A. A, Dr.Rajendra R Patil
2	**Simulation & Practical Study of L and Inverted L Slot Heptaband Rectangular Microstrip Antenna**
	Naveen Kumar P, Dr. Ambresh P Ambalgi, Dr. Rajendra R Patil
3	**Comparative Study of various Methods for User Identification based on Handwriting**
	Vinita patil, Dr. Rajendra R Patil
4	**Comparision Of Zadoff Chu Transformation And Walsh Hadamard Precoding Techniques For Ofdm System**
	Vanita B.Kaba, Dr. Rajendra R. Patil
5	**Change Detection from remotely sensed Images- A review.**
	Shalini V S, Dr. Jayanth J
6	**Automatically identifying camera trap images using libraries of image processing in python.**
	Ananya Ramanujan, Anusha M, Kruthika M S, Supriya M P , Dr.S.Padmashree
7	**Extraction Of Handwritten Single Digit Number**
	P Saikeerthi, PooraniA, Harshitha N, Asha M
8	**Automated Verification of Structural Engineering Assembly Drawings using Image Processing**
	Anam Armaan Raza, Anusha R, Hiba Azeem, Kanaka Jain M, Dr.S.Padmashree
9	**A Comparative Study on FSK and PSK Digital Modulation Schemes for Text Signal Using NI-USRP**
	Sowmya, Priyanka A V, Priyanka Gangola, Rakshitha P, Bharathi R
8	**Skin Disease Detection Using Image Processing**
	Siddeshwari.K.R, Chethana.S, Dakshatha.M, Meghana.S, Anitha.K
11	**IoT based security system with voice message using ESP8266**
	Aishwarya Raj, Archana K, Bhavya L, Neha B Mundalamani, Asha.M
12	**Patient monitoring system using RL78 microcontroller through web and mobile applications**
	Pooja B, Chandana K S, Kavya. K, Suchithra. D. P, Anitha K
13	**Gesture Based UI Control of Medical Devices**
	Ramya MG, Sharanya CV, Shruthi DS, Vinutha S, Aravind R
14	**Behavioral study of head movement of a driver in a moving vehicle**
	Swathi Gupta S, Sajna Nanjappa C, Shruthi P, Sahana M S, Sushma S J, Muthukumaraswamy
15	**A Review on VBLAST in MIMO Communication Systems**
	Ayisha Tabassum, Sanket N Shettar
16	**Lossy Image Compression Using Prediction Error And Quantization**
	Bysani Sahithi , Deepshikha Kumari , Indu S, Karanam Haripriya, Sanket N Shettar
17	**Energy Efficient Routing Technique in 5G Networks**

		Santosh M Nejakar, Prabhu G Benakop, S C Biradar
18	**Routing protocols for various applications-A Survey**	
	Supriya M, Pooja M, Sushma S J	
19	**Performance Of QPSK And BPSK Using Octave**	
	Niveditha S, Pavithra , Pooja T C, Smita Raghu , Sanket N Shettar	
20	**Design and Analysis Of ASK and PSK Modulation For A Text Signal Using NI USRP**	
	Rishika T R, Supriya G, Thejaswini H V, Varanya S, Shyamala.C	
21	**Performance Analysis Of Adaptive Probability Filter For Removing Salt And Pepper Noises Using Python**	
	Shreeraksha Acharya, Sowmya K, Syeda Farheen, Vathsala M R, Spoorthi Y	
22	**Low Power High Speed 6T Fulladder Using Pass Transistor Logic**	
	Spoorthi.Y, Pallavi H.P,Pooja A.L, Pooja D.S,Pooja S	
23	**Programmable Medication Dispenser**	
	Bhavani R, Namratha H B, Pooja Shree A, Swathi M S, Kavyashree B , Yogeshwari K R	
24	**Design Of Multi-Operand Multi-Bit Adders With Trade-Off Between Power Consumption And Area.**	
	Manoj S , Umme salma , Dhanush H J , Geethashree A	
25	**Remotely positioning and tracking Guards Patrolling a Secured Facility**	
	Anusha.P, Bojamma.K.M, Menaka.S, Nabeela Rehamatul-Ain, Shyamala.C	
26	**Alcohol Detection And Auto Control Of Vehicle Using IOT**	
	Archana B, Neharika Jain M S,rpitha B S,Chaithra H G,Varshitha M S	
27	**A Relative study on Adder Circuits**	
	Prakruthi S, Priyanka M,Shradha Raj, ShreyaGangamma S P,NalinaH D	
28	**IoT based Secured Home Automation using Raspberry Pi**	
	Pallavi N , Rachana P, Rakshanda Gowda V , Yashaswini S Gowda , Nalina H D	
62	**Video Streaming, Path Planning And Obstacle Avoidance Robot Using Arduino Uno Controller**	
	Mahanthesha U, Chaithra M C, Kavya M, Mythri M Y, Shruthi D	
63	**Facial Landmarks:An efficientmethodoffeature extraction**	
	Ananya Srivastava, DeepthiUpadhya, MohammedShaheen, NikitaPrasad	
64	**Performance Evaluation of Multicarrier Modulation Schemes using NI-USRP**	
	Bhavana M, Chaithra C S, Chaithra P, Madhuri R , Dr. Rajendra R Patil	
65	**Implementation Of MIMO OFDM System**	
	Archana B, Pooja Veeranna Biradar , Shubhashini S , Vachana H M , Minarva G M	
66	**Economical Weeder**	
	Yashonidhi yajaman, Bhagyashri S, Bhanupriya K, Nandini S M, Nesara S	
68	**Enhancement of Medical images using Sparse Algorithm: A comprehensive survey**	
	Srusti M G, Suraksha M S,Tejaswini E, Priyanka P	
73	**A survey on MIMO antennas and designing techniques**	
	Revati G, Dr. Rajendra R Patil	
74	**Design of CMOS Full adder using different Pass Transistor Logic**	

	Boregowda H B, Bhargavi S R, Harshitha Prasad M, Inchara M D, Neetha S
75	**Human Action Recognition Using Stip Evaluation Techniques**
	Mahanthesha U, Dikshitha M G, Aishwarya B, Jhanavi J, Anusha S
76	**A Image Transfer Using NI-USRP**
	Deesha Honnek, Megha T R, Umma Faiza Sultana, Usha K G, Bharathi R
77	**Kannada License Plate Recognition**
	Priyavratha N P , Qurratul Ain Ghazal , Sakina Fathima , Sapna P , Dr. Jayanth J
78	**Heart Attack Detection And Heart Rate Monitoring System Based On Internet Of Things**
	Neethushree B.G, Inchara.S, Mamatha, Yashaswini. K.L, Dr. Rajendra R Patil
79	**AGRIBOT- Monitor And Perform Agricultural Tasks**
	Pooja Y, Subhashini S, Yashaswini H P, Yashaswini K B Thilagavathy R
80	**Implementation of mirror control switch to minimize the blind spot in automotives.**
	Rashmi.M, Sahana.M, Shashikala.B, Swapna.N
81	**Fire Fighting robot with surveillance capability**
	Thilagavathi R, Akshara, B R Chaitra, Anitha A M, Indhu N
82	**Smart Horticulture using IoT(Internet of Things)**
	Dr.Jayanth.J, Gulapsan.R, Lokeshwari.M, Meghana.B.K,

Best Papers Achievers in National Conference on Communication and Data Science (NCCDS – 2019)

Sl No	Title	Authors
1	Automated Verification of Structural Engineering Assembly Drawings using Image Processing	Anam Armaan Raza1, Anusha R2, Hiba Azeem3, Kanaka Jain M4, Dr.S.Padmashree5
2	Design and Analysis of ASK and PSK Modulation for A Text Signal Using NI USRP	Rishika T R1, Supriya G2, Thejaswini H V3, Varanya S4, Shyamala.C5
3	Performance Evaluation of Multicarrier Modulation Schemes using NI-USRP	Bhavana M1,Chaithra C S2, Chaithra P3, Madhuri R4 ,Dr. Rajendra R Patil5
4	Remotely positioning and tracking Guards Patrolling a Secured Facility	Anusha.P1, Bojamma.K.M2, Menaka.S3, Nabeela Rehamatul-Ain4, Shyamala.C5
5	Low Power and High Speed 6T Fulladder Using Pass Transistor Logic	Spoorthi.Y1, Pallavi H.P2, Pooja A.L3, Pooja D.S4, Pooja S5

6	Performance Analysis of Adaptive Probability Filter For Removing Salt And Pepper Noises Using Python	Shreeraksha Acharya1, Sowmya k2, Syeda Farheen3, Vathsala M R4, Spoorthi Y5
7	IoT Based Anti-Poaching Alarm System for Trees In Forest Using Wireless Sensor Networks	Sunitha R1, Apoorva B G2, Chandana Vishwanath3, Durgashree J S4
8	Alcohol Detection and Auto Control Of Vehicle Using IOT	Archana B1, Neharika Jain M S2,rpitha B S3,Chaithra H G4,Varshitha M S5
9	Behavioral study of head movement of a driver in a moving vehicle	Swathi Gupta S1, Sajna Nanjappa C2, Shruthi P3, Sahana M S4, Sushma S J5,

ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering at GSSSIETW was started in the year 2003. The ECE course is a four years Under-Graduate (UG) program in Bachelor of Engineering, affiliated to Visvesvaraya Technological University (VTU), Belgaum, Approved by All India Council for Technical Education (AICTE), New Delhi. The ECE UG program is accredited by NBA, New Delhi (Validity: 01.07.2017 - 30.06.2020). Initially the intake was 60 and later the strength was increased to 120 in the year 2011 and then strength was increased to 180 in 2019. The Department has 22 professionally qualified faculty members with various research specializations (Applied Electronics, VLSI Design and Embedded systems, Digital Electronics and Communication Systems, Computer Network Engineering, Industrial Electronics, Electronics, Image processing, Bio medical signal processing and instrumentation). The Department also comprises of experienced and skilled technical support staff. The student staff ratio has been maintained as per AICTE norms.

M.Tech in Digital Communication & Networking was started in the year 2013 with an intake of 18. The students are exposed to various professional activities like technical seminars, elective based mini projects resulting in good publications, industrial visits and participation in inter collegiate workshops/conferences. The department conducts Technical Symposium's and National level Project Symposium's evaluated by Industry experts from Industry and Alumni. To bridge the gap between industry and institute the students are given technical training on industry requirements for quality internship and placement. The Department has produced three ranks, two in PG and 1 in UG from its inception. The students are placed in good companies like Infosys, VM-ware, IBM, Tech-Mahendra, Cognizant, Oracle, GE, Alcatel Lucent, Nokia-Seimens and Eudamonic and many more core companies.

The department has established training placements and research labs such as Embedded Lab, IOT Lab, Intel Lab and Wireless communication Lab with the latest technical tools for encouraging students and research scholars in updating their knowledge on the latest technology. The department has signed Memorandum of Unerstanding's with many companies such as Kaaya Tech Inc., Mysuru, Kaynes Technology, Mysuru, Advanced Electronic Systems, Bengaluru, Roboguru mysuru with an initiative to organize workshops, seminars, faculty development programs and internships. VTU recognized Research Center is established in the department which facilitates faculty members to pursue their PhD. About ten faculty members are pursuing their PhD in various domains such as Image Processing, Nano Technology, VLSI, Antennas, Wireless Sensor Networks and Computer Network Engineering, Communication systems.

VISION:

To foster professional level competence in all areas of Electronics and Communication Engineering and to benchmark the Department as a centre in the Country, for nurturing Women Engineers in the Country.

MISSION:

- To impart value based Technical education and training.
- To impart Theoretical Knowledge, Practical Knowledge and Entrepreneurship Skills.
- To develop Innovation and Creativity in Students.
- To conduct Application oriented research.
- To sensitize the Students regarding Social, Moral and Professional ethics.
- To provide sufficient Industry exposure to the Students.
- To provide special skills training to the Students to make them eligible for Placement.

CONTACT US

Website: **http://www.geethashishu.in**
Ph:0821-2457305
E-mail **: hodece@gsss.edu.in**
Ph: 9448330702

Prepared By
MAHANTHSHA U
Assistant Professor
Department of ECE,
GSSSIETW, Mysuru