



## NEWS LETTER EVEN SEMESTER 2020

Geetha Shishu Shikshana Sangha®  
**GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN**  
(Affiliated to Visvesvaraya Technological University, Belgaavi, & approved by AICTE, New Delhi)  
**K R S Road, Metagalli, Mysuru**  
Accredited with Grade 'A' by NAAC



### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## IEEE PES & ISLE

### ABOUT THE DEPARTMENT:

Department of EEE was started in the year 2003, with an intake of 60 students. Strength of the department lies in the teaching and technical staff. The department has full-fledged laboratories as prescribed by VTU syllabus with modern equipment's. The department has IEEE-PES and ISLE student chapters which conducts many activities throughout the academic year like Industrial visits, technical talks, skill enhancement programs and other co-curricular activities. Staff members are active in research work and have published research papers in reputed journals.

### VISION

“To be recognized as a premier department for empowerment of women in the field of Electrical and Electronics Engineering by imparting quality technical education committed with social and ethical values”

### MISSION

- M1:** To provide excellent academic ambience that combines rigorous academic study and the excitement of innovation to excel in the field of Electrical and Electronics Engineering.
- M2:** To enhance learning through practice of modern tools and cutting edge technologies in Electrical and Electronics Engineering with multidisciplinary approach to meet industry requirements.
- M3:** To carryout research and innovative developmental activities in frontier areas which serves the requirement of industry & society.

### CONTACT US:

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**Phone Number:** 0821-2457305/1131

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

**DEPARTMENTAL ACHIEVERS:****PLACEMENTS:**

Sl. No.	Student Name	USN	Name of the Company Placed	CTC	Photo
1.	GAGANA M C	4GW16EE016	JUNIPER NETWORKS	11 LPA	
			TCS	3.5LPA	
			ACCENTURE	4.5LPA	
2.	KUSUMA C	4GW16EE022	JUNIPER NETWORKS	11 LPA	
			IBM	4.5LPA	
3.	A N S VAIBHAVI	4GW16EE001	ACCENTURE	4.5LPA	
			E&Y (Ernst & Young)	3.61 LPA	
4.	FATIMA DUHA	4GW16EE015	ACCENTURE	4.5LPA	
			L&T Technology services	4 LPA	
5.	ANUSHA U	4GW16EE006	ACCENTURE	4.5LPA	
6.	BHOOMIKA T S	4GW16EE010	ACCENTURE	4.5LPA	
7.	CHETHANA M	4GW16EE013	ACCENTURE	4.5LPA	
8.	KSHEMA S	4GW16EE021	ACCENTURE	4.5LPA	

9.	MEGHASHREE N R	4GW16EE027	ACCENTURE	4.5LPA	
10.	NIHARIKA A R	4GW16EE030	ACCENTURE	4.5LPA	
11.	POOJA N K	4GW16EE031	ACCENTURE	4.5LPA	
12.	POOJA S	4GW16EE032	ACCENTURE	4.5LPA	
13.	PRIYANKA H A	4GW16EE034	ACCENTURE	4.5LPA	
14.	RANJITHA G K	4GW16EE039	ACCENTURE	4.5LPA	
15.	SHALINI S	4GW16EE042	ACCENTURE	4.5LPA	
16.	UMADEVIR	4GW16EE051	ACCENTURE	4.5LPA	
17.	SHALINI J	4GW16EE041	E&Y (Ernst & Young)	3.61 LPA	

18.	HARSHITHA D R	4GW16EE017	L&T Technology services	4 LPA	
19.	MAHEEN SHARIFF	4GW16EE025	L&T Technology services	4 LPA	
20.	PREETHU K	4GW16EE033	L&T Technology services	4 LPA	
21.	TEJASWINI B	4GW16EE050	L&T Technology services	4 LPA	
22.	UZMA KOUSAR	4GW16EE052	L&T Technology services	4 LPA	
23.	SHWETHA N	4GW16EE044	TCS	3.5LPA	
24.	NAGAPOOJA P	4GW16EE028	IBM	4.5LPA	
25.	BI BI HAJIRA	4GW16EE011	HERAIZEN	3 LPA	

26.	KANNIKA C T	4GW16EE020	DXC Technology	3.6 LPA	
			Qspiders	Train & Hire Model	
27.	T N AMBRITHA	4GW15EE052	Wipro Limited	2.2LPA	

### STUDENTS INTERNSHIPS WITH STIPEND

SL. NO	NAME & USN	COMPANY & INTERNSHIP DURATION	STIPEND PER MONTH	PHOTO
1	GAGANA M C 4GW16EE016	JUNIPERNETWORKS 06/01/2020 TO 30/06/2020	30,000/-	
2	KUSUMA C 4GW16EE022	TRIANZ 15/01/2020 TO 01/03/2020	12,000-00/-	

## TOPPER LIST- 2019 ODD SEM

Sl. No.	Semester	Name USN	Photo	Topper Level	Percentage Score	Remarks
1	III	TRINAKSHI MANNA [4GW18EE049]		I	<b>89.89%</b>	Exam of Jan2020
2		YASHASWINI B [4GW18EE052]		II	<b>85.89%</b>	Exam of Jan2020
3		SAHANA G [4GW18EE037]		III	<b>84.44%</b>	Exam of Jan2020
4	V	HEMALATHA S M [4GW17EE010]		I	<b>84.30%</b>	Exam of Jan2020
5		MOUNAVATHY A M [4GW17EE020]		II	<b>83.30%</b>	Exam of Jan2020
6		MAMATHA T M [4GW17EE016]		III	<b>83.00%</b>	Exam of Jan2020

7	VII	SHALINI J [4GW16EE041]		I	89.30%	Exam of Jan2020
8		UMADEVIR [4GW16EE051]		II	89.00%	Exam of Jan2020
9		GAGANA M C [4GW16EE016]		III	87.30%	Exam of Jan2020

### TOPPERS LIST - 2020 EVEN SEM

Sl. No.	Sem	Name USN	Photo	Topper Level	Percentage Score	Remarks
1	II	PREETHAL S [4GW19EE027]		I	87.5%	Exam of July 2020
2		RASHMI N [4GW19EE032]		II	84.87%	Exam of July 2020
3		MANASA P [4GW19EE018]		III	83.87%	Exam of July 2020
4	IV	TRINAKSHI MANNA [4GW18EE049]		I	92.56%	Exam of July 2020

7		YASHASWINI B [4GW18EE052]		II	89.4%	Exam of July 2020
7		SAHANA G [4GW18EE037]		III	89.3%	Exam of July 2020
7	VI	CHAITRA S [4GW17EE005]		I	87.63%	Exam of July 2020
8		HEMALATHA S M [4GW17EE010]		II	86.38%	Exam of July 2020
9		MAMATHA T M [4GW17EE016]		III	86.13%	Exam of July 2020
10	VIII	GAGANA M C [4GW16EE016]		I	89%	Exam of August 2020
11		KUSUMA C [4GW16EE022]		II	88.6%	Exam of August 2020
12		UMADEV I R [4GW16EE051]		III	86.4%	Exam of August 2020

## STUDENT ACHIEVMENTS: PARTICIPATION SCHNEIDER ELECTRIC INDIA FOUNDATION SCHOLARSHIP



**SUMA B D (4GW18EE046) and YUKTHA K MAHESH (4GW18EE053)** of 3<sup>rd</sup>Sem, Electrical & Electronics Engineering of GSSS Institute of Engineering & Technology For Women, Mysuru is a recipient of Schneider Electric India Foundation Scholarship For Her 2<sup>nd</sup> , 3<sup>rd</sup> And 4<sup>th</sup> year of study at GSSSIETW. The aim of this foundation scholarship from Schneider Electric - India is to support students to realize their dreams by providing scholarships to deserving candidates in the field of engineering. Only second year engineering students are eligible to apply for this scholarship. The scholarship initiative is being carried out for the last three consecutive years from Schneider.

1. **SREE LAKSHMI M S** of VI Sem, Participated in “3days Webinar Series on Satellite and Automation” Organized by GSSSIETW, Mysuru under IEEE Students Chapter, from 11<sup>th</sup> to 13<sup>th</sup> May 2020.
2. **KEERTHANA G C** of IV Sem, Attended a Event “TCS TECHBYTES” Organized by Board for IT Education Standards and Tata Consultancy Service.
3. **KEERTHANA G C** of IV Sem, Attended Online webinar on "Multidisciplinary Approach for Electric Vehicle" Organized by Vidyavardhaka College of Engineering, Mysuru, on 15<sup>th</sup> June 2020.
4. **TRINAKSHI MANNA** of IV Sem, Attended a Event on “BIT Mesra Presents Aap Chronology Samajhiye of D2C Online Treasure Hunt Festival (OTHF)” in Dare2Compete.
5. **IV SEM, VI SEM& VIII Sem** students, Attended “Webinar on "Electrical Switch Gear and its Application"" Organized by Department of EEE, GSSSIETW, Mysuru, on 4<sup>th</sup> July 2020.
6. **IV Sems** tudents , Participated in “3 Days online hands on Workshop on "Lab VIEW Tool and its application in Industrial Process Control" Organized by Department of EEE, GSSSIETW, Mysuru, from 4<sup>th</sup>-6<sup>th</sup> Aug 2020.
7. **VELLIMANI M, RIZWANARAHAT, ANNAPURNA S KALGUTKAR, MAHALAKSHMI B K** of VIII Sem secured cash prize for the project “Electric Bangle for Women Safety” in PROJECT EXHIBITION-2020organized by EEE department, in association with ISLE Student Chapter, GSSSIETW, Mysuru, held on 13<sup>th</sup> August 2020.

8. **VELLIMANI M, RIZWANARAHAT, ANNAPURNA S KALGUTKAR, MAHALAKSHMI B K** of VIII sem secured cash prize for the project “Electric Bangle for Women Safety” in PROJECT EXHIBITION-2020 organized by EEE department, in association with ISLE Student Chapter, GSSSIETW, Mysuru, held on 13<sup>th</sup> August 2020.
9. **IV SEM, VI SEM& VIII Sem** students are actively participated in Online Technical Quiz, Organized by the different colleges, during lockdown period.

## **STUDENT ACHIEVEMENTS – PUBLICATION**

1. **FATIMA DUHA, MAHEEM SHARIFF, UZMA KOUSAR (8<sup>th</sup>Sem)** presented a paper titled “Video Streaming Pick & Place Robot Using Arduino UNO Controller” at Second National conference on Power system operation and control, Acharya Institute of Technology, Bengaluru on 6<sup>th</sup> July 2020.
2. **NAGAPOOJA P, RADHIKA R, RAJASHREE R, UZMA LATHEEF (8<sup>th</sup>Sem)** presented a paper titled “IOT Load Forecast for distribution transformer using MQTT” at Second National conference on Power system operation and control, Acharya Institute of Technology, Bengaluru on 6<sup>th</sup> July 2020.
3. **AMRUTAA R, CHETHANA M , GAGANA M C, KUSUMA (8<sup>th</sup>sem )** Published a paper titled “Can Based Vehicle Health Monitoring System” in 2<sup>nd</sup> National Conference on Power system Operation control (NCPOC-2020) at Acharya Institute of Technology, Bengaluru, on 6<sup>th</sup> July 2020.
4. **BHOOMIKA T S, BI BI HAJIRA, MEGHASHREE N R, PRIYANKA H A (8<sup>th</sup>sem )** Published a paper titled “IOT BASED BIOGAS AUTOMATION AND ENHANCEMENT USING PHOTOVOLTAIC CELL” in 2<sup>nd</sup> National Conference on Power system Operation control (NCPOC-2020) at Acharya Institute of Technology, Bengaluru, on 6<sup>th</sup> July 2020.

## **FACULTY ACHIEVEMENTS**



**Mr. JAGADISHA N**

**Assistant Professor, Department of EEE**

**Mr. JAGADISHA N**, Assistant Professor, Department of EEE, successfully completed Ph.D. Final Viva Voce from VTU, Belagavi, On 20<sup>th</sup> July 2020, Under the Guidance of Dr. A D Srinivasan, Professor, Dept of EEE, S.J.C.E, Mysuru.

### **Research Topic:**

Electrical Discharge Plasma based technique for abatement of Volatile Organic Compounds & Industrial Pollutants

## **FACULTY ATTENDED WORKSHOPS/FDP/SEMINAR (2020- Even Sem)**

### **Dr P. S PUTTASWAMY**

1. TEQIP-III sponsored Faculty Development Programme on “Power Electronic Applications to Renewable energy systems and Energy storage systems” held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
2. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore.
3. Three-Day Short-Term Training Programme on “Electric Vehicles & its Scenario in India” organized by the Department of Electrical & Electronics Engineering, BSA Crescent Institute of Science & Technology, Chennai-48 during 01-03, July 2020.

### **2. Dr. JAGADISHA N**

1. One week online faculty development program on contemporary scenario in power systems organized by department of Electrical & Electronics Engineering ATME College of Engineering from 25<sup>th</sup> to 30<sup>th</sup> July 2020.
2. Five day online FDP on “Challenges and Opportunities in Smart Grid” organized by department of Electrical & Electronics Engineering M S Ramaiah Institute of Technology from 20<sup>th</sup> to 24<sup>th</sup> July 2020.
3. Five day TEQIP sponsored faculty Development Program on “ Power Electronics Applications to Renewable Energy Systems & Energy Storage Systems” organized by department of Electrical & Electronics Engineering National Institute of Engineering, Mysuru from 06<sup>th</sup> to 10<sup>th</sup> July 2020.
4. Five day faculty Development Program on ICT Based Teaching & learning process from 1<sup>st</sup> to 5<sup>th</sup> July 2020.organized by RCP Roorkee.
5. One week workshop on “ Introduction to PLECS tool for power electronics applications organized by department of Electrical & Electronics Engineering Siddhartha engineering college from 2<sup>nd</sup> to 6<sup>th</sup> July 2020.
6. Three day webinar on “ R& D in electronics engineering for academic Institutes in the current COVID-19 Scenario organized by Electronics & communication Engineering RNSIT from 24<sup>th</sup> to 26<sup>th</sup> June 2020.
7. One day webinar on Protective devices for industry & utility organized by department of Electrical & Electronics Engineering Sai Ram Institute of technology on 14<sup>th</sup> June 2020.
8. Four day webinar on “Evolution of RF technology- role of academia & industry” organized by Electrical & Electronics Engineering JSS academy of technical education Noida on 22<sup>nd</sup>to25<sup>th</sup> June 2020.
9. Two day international webinar on “Real time modeling& control of energy systems and devices” organized by Electrical & Electronics Engineering JSS academy of technical education Noida on 11<sup>th</sup>& 12<sup>th</sup> June 2020.
10. Six Days faculty program on “Energy Management Systems” organized by R.M.D engineering college from 8<sup>th</sup> to 13<sup>th</sup> June 2020.
11. Three day webinar series on Drone Technology organized by department of ECE GSSSIETW Mysuru from 15<sup>th</sup> to 17<sup>th</sup> June 2020.

12. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore.
13. Attended one day “Teacher Effectiveness Programme” by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS Simha Subba Mahalakshmi First Grade College Mysuru on 13th January 2020.

### **3. ASHWINI K R**

1. Webinar on "Electrical Switch Gear and its applications" Organized by Department of EEE, GSSSIETW, Mysuru on 04th July 2020.
2. Webinar on "Intellectual Property rights & Indian Patent Filing Procedure" Organized by Proudhadivaraya Institute of Technology, Hosapete, on 19th July 2020.
3. Webinar on " Power system Harmonics: Causes, Effects and Mitigation" Organized by Sri Venkateshwara college of Engineering, Bangalore, on 16th July 2020.
4. Webinar on "Wholistic Development" Organized by VaNIETaAbhyudaya Ladies Club, NIE, Mysuru, on 12th July 2020.
5. Webinar on Two Days Webinar on "Real time Modeling & Control of Energy systems and Devices" Organized by JSS Academy of Technical Education, NOIDA, on 11th & 12th June 2020.

### **4. SHILPAHRI V N**

1. TEQIP-III sponsored Faculty Development Programme on “Power Electronic Applications to Renewable energy systems and Energy storage systems” held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
2. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore.
3. Three-Day Short-Term Training Programme on “Electric Vehicles & its Scenario in India” organized by the Department of Electrical & Electronics Engineering, BSA Crescent Institute of Science & Technology, Chennai-48 during 01-03, July 2020.
4. Webinar on “Dynamic Analysis and Control of Rotor Bearings” on 30/06/2020 organised by Department of Electrical & Electronics Engineering, Rao Bahadur Y. Mahabaleswarappa Engineering College, Ballari.
5. National level one week FDP on “Latex & Xfig” from 15th to 19th June 2020, Organized by Dept. of MCA, Cukutta Institute of Technology, Howra, West Bengal, in association with Spoken Tutorials, IIT Bombay.
6. National level live Webinar on ‘Intellectual Property Rights & Indian Patent Filing Procedure’ on 19th June 2020, Organized by Proudhadivaraya Institute of Technology, T. B. Dam, Hosapete.
7. Webinar on “Doing Research: Challenges, Dos and Don’ts” Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.
8. Three Day’s Webinar Series on "DRONE TECHNOLOGY" Organized by Dept. of ECE, GSSSIETW, Mysuru, from 15th to 17th June 2020.
9. Webinar on “WHOLISTIC DEVELOPMENT” exclusively for women, Organized by The National Institute of Engineering, Mysuru, on 12th June 2020.
10. Webinar on “Research Proposal Writing: Opportunities, Challenges and Myths”, Organized by Dept. of Basic Science, SKIT, Bengaluru, on 12th June 2020.

11. Webinar on "Real Time Modeling& Control of Energy Systems and Devices" on 11th & 12th June, 2020 organized by Department of Electrical & Electronics Engineering, JSS Academy of Technical Education, Noida.
12. One day "Teacher Effectiveness Programme" by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS Simha Subba Mahalakshmi First Grade College Mysuru on 13th January 2020.

## 5. DIVYA S

1. TEQIP-III sponsored Faculty Development Programme on "Power Electronic Applications to Renewable energy systems and Energy storage systems" held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
2. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore.
3. Three-Day Short-Term Training Programme on "Electric Vehicles & its Scenario in India" organized by the Department of Electrical & Electronics Engineering, BSA Crescent Institute of Science & Technology, Chennai-48 during 01-03, July 2020.
4. Webinar on "Dynamic Analysis and Control of Rotor Bearings" on 30/06/2020 organised by Department of Electrical & Electronics Engineering, Rao Bahadur Y. Mahabaleswarappa Engineering College, Ballari.
5. National level one week FDP on "Latex & Xfig" from 15th to 19th June 2020, Organized by Dept. of MCA, Culcutta Institute of Technology, Howra, West Bengal, in association with Spoken Tutorials, IIT Bombay.
6. National level live Webinar on 'Intellectual Property Rights & Indian Patent Filing Procedure' on 19th June 2020, Organized by Proudhavevaraya Institute of Technology, T. B. Dam, Hosapete.
7. Webinar on "Doing Research: Challenges, Dos and Don'ts" Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.
8. Three Day's Webinar Series on "DRONE TECHNOLOGY" Organized by Dept. of ECE, GSSSIETW, Mysuru, from 15th to 17th June 2020.
9. Webinar on "WHOLISTIC DEVELOPMENT" exclusively for women, Organized by The National Institute of Engineering, Mysuru, on 12th June 2020.
10. Webinar on "Research Proposal Writing: Opportunities, Challenges and Myths", Organized by Dept. of Basic Science, SKIT, Bengaluru, on 12th June 2020.
11. Webinar on "Real Time Modeling& Control of Energy Systems and Devices" on 11th & 12th June, 2020 organized by Department of Electrical & Electronics Engineering, JSS Academy of Technical Education, Noida.
12. One day "Teacher Effectiveness Programme" by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS Simha Subba Mahalakshmi First Grade College, Mysuru on 13th January 2020.

## 6. CHAITRASHREE S R

1. National level online quiz on "Programming with MATLAB" organized by Dept. of EEE, NIEIT, Mysuru on **8<sup>th</sup> August 2020**.
2. One week Faculty Development Program on "Thrust areas for Research in Power and Energy Systems – A Resource for beginners" organized by Dept. of EEE,VDIT, Haliyal from **3<sup>rd</sup> to 8<sup>th</sup> August 2020**.
3. Webinar on "Recent Trends in Renewable Generation and Power Distribution Systems" conducted on **29th July 2020**.

4. National Level Five Days Online Faculty / Student Development Programme on Recent Trends in Electrical & Electronics Engineering organized by Dr. T Thimmaiah Institute of Technology from **20th to 24th July 2020.**
5. Technical Education Quality Improvement Programme (TEQIP-III) sponsored International Workshop on “Electric Power Grid Modernisation: Trends, Challenges and Opportunities” organized by Dept. of EEE, NIE, Mysuru held from **20th to 24th July 2020.**
6. One-Week National Level Online Faculty Development Programme on “Professional Documentation using LATEX” organized by the Department of ECE, JNNCE, Shivmogga in association with Institution of Electronics and Telecommunication Engineers (IETE) from **13th to 18th July 2020.**
7. Five days online faculty development program on “Contemporary challenges in Electrical Engineering and aiding technologies” organized by St. Joseph College of Engineering, Chennai from **6th to 10th July 2020.**
8. Technical Education Quality Improvement Programme (TEQIP-III) sponsored one week Faculty Development Programme on “Power Electronic Applications to Renewable energy systems and Energy storage systems” held from **6th to 10th July 2020.**
9. One week workshop on “Introduction to PLECS Tool for power Electronic Applications” organized by Dept. of EEE, VRSEC, Vijayawada, Andhra Pradesh in association with PLEXIM, Switzerland from **2nd to 6th July 2020.**
10. Online National level Three Day Faculty Development Program on "REAL CHALLENGES & DEVELOPMENT WITH INTEGRATED ENERGY SOURCES FOR ELECTRIC VEHICLES IN MODERN DAYS" organized by the Department of EEE, Sir. MVIET, Bangalore from **1st to 3rd July 2020.**
11. One day webinar on “Energy Conservation and star rating” organized by KIT, Coimbatore on **15th May 2020.**

## **7. CHETAN H R**

1. TEQIP-III sponsored Faculty Development Programme on “Power Electronic Applications to Renewable energy systems and Energy storage systems” held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
2. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore.
3. Three-Day Short-Term Training Programme on “Electric Vehicles & its Scenario in India” organized by the Department of Electrical & Electronics Engineering, BSA Crescent Institute of Science & Technology, Chennai-48 during 01-03, July 2020.
4. Webinar on “Dynamic Analysis and Control of Rotor Bearings” on 30/06/2020 organised by Department of Electrical & Electronics Engineering, Rao Bahadur Y. Mahabaleswarappa Engineering College, Ballari.
5. National level one week FDP on “Latex & Xfig” from 15th to 19th June 2020, Organized by Dept. of MCA, Culcutta Institute of Technology, Howra, West Bengal, in association with Spoken Tutorials, IIT Bombay.
6. National level live Webinar on ‘Intellectual Property Rights & Indian Patent Filing Procedure’ on 19th June 2020, Organized by Proudhadivaraya Institute of Technology, T. B. Dam, Hosapete.
7. Webinar on “Doing Research: Challenges, Dos and Don’ts” Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.

8. Three Day's Webinar Series on "DRONE TECHNOLOGY" Organized by Dept. of ECE, GSSSIETW, Mysuru, from 15th to 17th June 2020.
9. Webinar on "WHOLISTIC DEVELOPMENT" exclusively for women, Organized by The National Institute of Engineering, Mysuru, on 12th June 2020.
10. Webinar on "Research Proposal Writing: Opportunities, Challenges and Myths", Organized by Dept. of Basic Science, SKIT, Bengaluru, on 12th June 2020.
11. Webinar on "Real Time Modeling & Control of Energy Systems and Devices" on 11th & 12th June, 2020 organized by Department of Electrical & Electronics Engineering, JSS Academy of Technical Education, Noida.
12. One day "Teacher Effectiveness Programme" by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS Simha Subba Mahalakshmi First Grade College Mysuru on 13th January 2020.

#### **8. BHARATHESH PATEL N**

1. Five day TEQIP sponsored faculty Development Program on "Power Electronics Applications to Renewable Energy Systems & Energy Storage Systems" organized by department of Electrical & Electronics Engineering National Institute of Engineering, Mysuru from 06th to 10th July 2020.
2. One-Week National Level Online Faculty Development Programme on "Professional Documentation using LATEX" organized by the Department of ECE, JNNCE, Shivmogga in association with Institution of Electronics and Telecommunication Engineers (IETE) from 13th to 18th July 2020.
3. Technical Education Quality Improvement Programme (TEQIP-III) sponsored International Workshop on "Electric Power Grid Modernization: Trends, Challenges and Opportunities" organized by Dept. of EEE, NIE, Mysuru held from 20th to 24th July 2020.
4. Online National level Three Day Faculty Development Program on "REAL CHALLENGES & DEVELOPMENT WITH INTEGRATED ENERGY SOURCES FOR ELECTRIC VEHICLES IN MODERN DAYS" organized by the Department of EEE, Sir. MVIET, Bangalore from 1st to 3rd July 2020.
5. Five Day FDP on "Recent Trends and applications of high voltage – A step towards green environment" sponsored by VTU Teqip 1.3 at GSSSIETW, Mysuru from 27th to 31st July 2019.
6. Webinar on "Doing Research: Challenges, Dos and Don'ts" Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.
7. Three Day's Webinar Series on "DRONE TECHNOLOGY" Organized by Dept. of ECE, GSSSIETW, Mysuru, from 15th to 17th June 2020
8. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore.
9. National Level Five Days Online Faculty / Student Development Programme on Recent Trends in Electrical & Electronics Engineering organized by Dr. T Thimmaiah Institute of Technology from 20th to 24th July 2020.
10. One week online faculty development program on contemporary scenario in power systems organized by department of Electrical & Electronics Engineering ATME College of Engineering from 25th to 30th July 2020.

## **9. KISHORINI M C**

1. Five days FDP on “Research Perspectives of Artificial Intelligence In Electrical Engineering” organized by EEE department, Sri RamaKrishna Institute of Technology,Coimbatore held from 27<sup>th</sup> to 31<sup>st</sup> July 2020.
2. TEQIP-III sponsored International workshop on “Electric Power Grid Modernization: Trends, challenges and Opportunities” held from July 20-24, 2020, Organized by Dept. of EEE, NIE, Mysore
3. Three Days Workshop on “Universal Human Values” organized by EEE department VVCE,Mysuru held from 20<sup>th</sup> to 22<sup>nd</sup> July 2020
4. Three Day FDP on “Modern Trends in Optimization Techniques-A Power Quality And Reliability Approach” organized by EEE department in association with ISLE & IQAC cell of GSSSIETW, Mysuru from 17<sup>th</sup> to 19<sup>th</sup> July 2020
5. TEQIP-III sponsored Faculty Development Programme on “Power Electronic Applications to Renewable energy systems and Energy storage systems” held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
6. One week workshop on “Introduction to PLECS Tool For Power Electronics Applications” organized by EEE department,VelagapudiRamkrishna Siddhartha Engineering College,Vijayawada, Andra Pradesh in association with PLEXIM,Switzerland and sponsored by AICTE – Margadarshan Scheme held from 2<sup>nd</sup> to 6<sup>th</sup> July 2020
7. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore
8. National level live Webinar on ‘Intellectual Property Rights & Indian Patent Filing Procedure’ on 19th June 2020, Organized by Proudhavevaraya Institute of Technology, T. B. Dam, Hosapete
9. Webinar on “Doing Research: Challenges, Dos and Don’ts” Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.
10. Online Webinar Series on 1) Network Devices and security Perspective 2) AI for Better Future 3) Trends in IoT and its Application 4) Electronic Circuits Simulation using Tinkercad organized by EEE department, Excel Engineering college .Komarapalayam held from 29-04-2020 to 02-05-2020
11. Two Weeks Faculty Development Programme on “LaTex” organized by Department of CSE,Gopalan College of Engineering and Management in association with withIITbombay-Spoken tutorial
12. One day “Teacher Effectiveness Programme” by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS SimhaSubbaMahalakshmi First Grade College Mysuru on 13th January 2020.
13. VTU TEQIP-1.3 Sponsored Five Day program on “Outcome Based Education and NBA Accreditation” organized by ISE Department ,GSSSIETW,Mysuru from 7<sup>th</sup> to 11<sup>th</sup> Jan 2020.

## **10. GIRISHA K M**

1. Five Days workshop on “NBA Framework for Outcome Based Education”Organized by VVCE, Mysuru, from 17<sup>th</sup> -21<sup>th</sup> August 2020.
2. One Week FDP on “ICT tools for Online Teaching, Learning and Evaluation”,Organized by VVCE, Mysuru, from 27<sup>th</sup> July -01<sup>st</sup> August 2020.
3. TEQIP-III sponsored International workshop on “Electric Power Grid Modernisation: Trends, challenges and Opportunities” held from July 20-24, 2020, Organized by Dept. of EEE, NIE, Mysore

4. Three Day FDP on "Modern Trends in Optimization Techniques-A Power Quality And Reliability Approach" organized by EEE department in association with ISLE & IQAC cell of GSSSIETW, Mysuru from 17<sup>th</sup> to 19<sup>th</sup> July 2020
5. TEQIP-III sponsored Faculty Development Programme on "Power Electronic Applications to Renewable energy systems and Energy storage systems" held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
6. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore
7. National level live Webinar on 'Intellectual Property Rights & Indian Patent Filing Procedure' on 19th June 2020, Organized by Proudhavevaraya Institute of Technology, T. B. Dam, Hospate.
8. Webinar on Battery management system for electric Vehicle, Organized by Department of EEE, New Horizon College of Engineering, Bangalore, in association with IEEE Bangalore Section on 13<sup>th</sup> Jun 2020.
9. Two day International webinar on "Real time modelling & Control of Energy Systems and Devices" Organized by Electrical & Electronics Engineering JSS academy of technical education Noida on 11<sup>th</sup> & 12<sup>th</sup> June 2020.
10. Webinar on "Doing Research: Challenges, Dos and Don'ts" Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.
11. One Week Faculty Development Programme on "Professional Documentation using LATEX" Organized by the department of ECE, JNNCE, Shivamogga, in association with IETE from 13th to 18th July 2020.
12. One day "Teacher Effectiveness Programme" by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS SimhaSubbaMahalakshmi First Grade College Mysuru on 13th January 2020.
13. VTU TEQIP-1.3 Sponsored Five Day program on "Outcome Based Education and NBA Accreditation" organized by ISE Department, GSSSIETW, Mysuru from 7<sup>th</sup> to 11<sup>th</sup> Jan 2020.

## **11. SHRAVYA J**

1. Five days FDP on "Research Perspectives of Artificial Intelligence in Electrical Engineering" organized by EEE department, SriRamaKrishna Institute of Technology, Coimbatore held from 27<sup>th</sup> to 31<sup>st</sup> July 2020.
2. TEQIP-III sponsored International workshop on "Electric Power Grid Modernisation: Trends, challenges and Opportunities" held from July 20-24, 2020, Organized by Dept. of EEE, NIE, Mysore
3. Three Days Workshop on "Universal Human Values" organized by EEE department VVCE, Mysuru held from 20<sup>th</sup> to 22<sup>nd</sup> July 2020
4. Three Day FDP on "Modern Trends in Optimization Techniques-A Power Quality And Reliability Approach" organized by EEE department in association with ISLE & IQAC cell of GSSSIETW, Mysuru from 17<sup>th</sup> to 19<sup>th</sup> July 2020
5. TEQIP-III sponsored FDP on "Power Electronic Applications to Renewable energy systems and Energy storage systems" held from July 06-10, 2020, Organized by Dept. of EEE, NIE, Mysore
6. One week workshop on "Introduction to PLECS Tool For Power Electronics Applications" organized by EEE department, Velagapudi Ramkrishna Siddhartha Engineering College, Vijayawada, Andra Pradesh in association with PLEXIM, Switzerland and sponsored by AICTE – Margadarshan Scheme held from 2<sup>nd</sup> to 6<sup>th</sup> July 2020

7. Webinar on Electrical Switchgear and its applications, on 4th July 2020, Organized by Dept of EEE, GSSSIETW, Mysore
8. National level live Webinar on ‘Intellectual Property Rights & Indian Patent Filing Procedure’ on 19th June 2020, Organized by Proudhavevaraya Institute of Technology, T. B. Dam, Hosapete.
9. Webinar on “Doing Research: Challenges, Dos and Don’ts” Organized by ECE Research Centre, GSSSIETW, Mysuru, on 16th June 2020.
10. Online National Level webinar on “Financial Planning in your Life and beyond” organized by EEE department, Sir M Visvesvaraya Institute of Technology held on 10<sup>th</sup> June 2020
11. Online Webinar Series on 1) Network Devices and security Perspective 2) AI for Better Future 3) Trends in IoT and its Application 4) Electronic Circuits Simulation using Tinkercad organized by EEE department, Excel Engineering college .Komarapalayam held from 29-04-2020 to 02-05-2020
12. Two Weeks Faculty Development Programme on “LaTex” organized by Department of CSE, Gopalan College of Engineering and Management in association with IITbombay-Spoken tutorial
13. One day “Teacher Effectiveness Programme” by College for Leadership and Human Resource Development (CLHRD), Mangalore at GSSS Simha Subba Mahalakshmi First Grade College Mysuru on 13th January 2020.

## FACULTY PUBLICATIONS

### Faculty Paper Publication Summary 2019-20

National Conference	International Conference	Refereed/SCI Journals	Book /Book Chapter	Total
4	-	12	-	16

1. **Dr P S Puttaswamy**, HOD EEE Dept., has published paper titled “Physical Modeling of Graphene Nanoribbon FET-Quantum Mechanics” in International Journal of Innovative Technology and Exploring Engineering., Volume 9/Issue3/ISSN2287-3075, Jan-20.
2. **Dr P S Puttaswamy**, HOD EEE Dept., has published paper titled “Modeling and simulation of graphene field effect transistor” in International journal of Electrical and Computer Engineering(IJECE), Volume9/ISSN2088-8708, Dec-19.
3. **Dr. Jagadisha N**, Assistant Professor, Dept. of EEE, has published paper titled “Design Approach of Electrostatic Precipitator for Exhaust Treatment, in Springer Journal, Aug-20.
4. **CHAITRASHREE S R**, Assistant Professor, Dept. of EEE, has presented paper titled “Video Streaming Pick & Place Robot Using Arduino UNO Controller” at Second National conference on Power system operation and control, Acharya Institute of Technology, Bengaluru on 6<sup>th</sup> July 2020.
5. **CHAITRASHREE S R**, Assistant Professor, Dept. of EEE, has presented paper titled “IOT Load Forecast for distribution transformer using MQTT” at Second National conference on Power system operation and control, Acharya Institute of Technology, Bengaluru on 6<sup>th</sup> July 2020.
6. **Divya S**, Assistant Professor, Dept. of EEE, has published paper titled “Hybrid intelligent technique(SFLA-PSO)For control and intellectual process of power system with huge

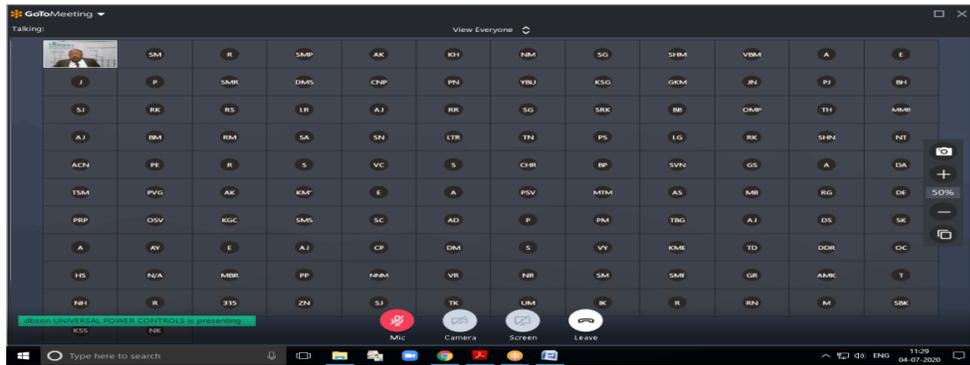
penetration of non-conventional energy sources” in International Journal of Engineering and Advanced technology (IJEAT), Feb 2020/ISSN:2249-8958/Volume 9/Issue 3, Feb-20

7. **Chethan H R**, Assistant Professor, Dept. of EEE, has published paper titled “Stability Improvement using SSSC in synchronous generation system with PMSG - based off shore wind farm” in Springer Volume 614, Dec-19.
8. **Chethan H R**, Assistant Professor, Dept. of EEE, Published a paper titled “Can Based Vehicle Health Monitoring System” in 2<sup>nd</sup> National Conference on Power system Operation control (NCPOC-2020) at Acharya Institute of Technology, Bengaluru, on 6<sup>th</sup> July 2020.
9. **Chethan H R**, Assistant Professor, Dept. of EEE, Published a paper titled “IOT BASED BIOGAS AUTOMATION AND ENHANCEMENT USING PHOTOVOLTAIC CELL” in 2<sup>nd</sup> National Conference on Power system Operation control (NCPOC-2020) at Acharya Institute of Technology, Bengaluru, on 6<sup>th</sup> July 2020.
10. **Bharatesh Patel N**, Assistant Professor, Dept. of EEE, has published paper titled “A Novel Low power 8 bit Binary Weighted Charge steering DAC with Integrated Power supply Using CMOS” in International Journal of Engineering and Advanced technology (IJEAT), April 2020/ISSN:2249-8958/Volume 9/Issue 4, Apr-20.
11. **Kishorini M C**, Assistant Professor, Dept. of EEE, has published paper titled “Optimal Placement and Sizing of Multiple DG in a radial distributed system using LSF Method, in Journal of Emerging technologies and Innovative Research , ISSN:2349-5162/Volume 7 /Issue 2, 12th Feb 2020
12. **Kishorini M C**, Assistant Professor, Dept. of EEE, has published paper titled “Automation of Milling and Drilling Machine Using PLC” International Journal for Research in Applied Science and Engineering technology, ISSN 2321-9653 /Volume 8/Issue 1, Jan-20.
13. **Girisha K M**, Assistant Professor, Dept. of EEE, has published paper titled “Modeling and Simulation of WECS for Optimizing Reactive Power in DFIG Using Optimized Grid Filter” in International Journal of Research in Engineering and Management, Volume 4/Issue 07/ISSN: 2582-3930, Jul-20.
14. **Girisha K M**, Assistant Professor, Dept. of EEE, has published paper titled “Decentralized Control Approach for Optimization of voltage profile uses fuzzy control in distributed network” in International Journal of latest trends in Engineering and Technology, Volume 13/Issue 1/ISSN 2278-621x, August-20.
15. **Shravya J**, Assistant Professor, Dept. of EEE, has published paper titled “VSC Based series resistance and reactance animation as distribution system fault current limiter” in International research journal of Engineering and Technology, ISSN 2395-0056/Volume 7/Issue 7, Jul-20
16. **Shravya J**, Assistant Professor, Dept. of EEE, has published paper titled “Energy Loss Estimation of CESCO distribution Feeders and Transformers” in International Journal of Research and Analytical Reviews, ISSN 2348-1269 Volume 7/Issue 3, 14th July 202.

## ASSOCIATION ACTIVITIES (IEEE PES & ISLE)

SL .No	Name of the Event	Resource Person / Guest Details	Date of the Event
1	Webinar on Electrical Switch Gear and its Applications	Basavesh Shetty S Doddabele, Executive Officer, DB Son, Universal Power Control ,Tumkur	04/07/2020
2	Essential Presentation skills for students career launch in the new Normal	Prof. M S Srinivas, Training manager, EBSCO, Information service and IEEE Explore Digital Library, KARANTAKA&TELAGANA	22/07/2020
3	3 Day Online FDP/STTP on Modern trends in Optimization Techniques – A Power Quality and Reliability Approach	Dr. Sanjeev Kumar R A, Professor, PDA College of Engineering, Kalaburgi.	17/07/2020 to 19/07/2020
4	2 Day FDP on Mathematical Modeling of FACTS Controllers and Simulation in MATLAB - Simulink	Dr. Thirumala Vasan, Professor, School of electrical engineering VIT, Velloru Dr. janaki m ,	04/08/2020 to 05/08/2020
5	“Lab VIEW tool and its application in industrial process control”	Dr. Jagadisha N, Assistant Professor, Dept of EEE, GSSSIETW, Mysuru	04/08/202 to 06/08/2020
6	PROJECT EXHIBITION-2020	Mr. Bhavani Prasad. <i>Rtd Director General</i> Central Public Work Department (CPWD),Government of India Senior Member ISLE Karnataka State Centre	13/08/2020
7	3 Day Online Hands on Workshop on Microcontroller and its Applications	Mr. Bharathesh Patel N, Assistant professor,Dept of EEE, GSSSIETW, Mysuru	24/08/2020 to 26/08/2020
8	3 Day Webinar on Recent trends in Renewable Energy	Dr. H Naganagouda, Director, National training center for solar Technology, KPCL, Bangalore	25/08/2020 to 27/08/2020

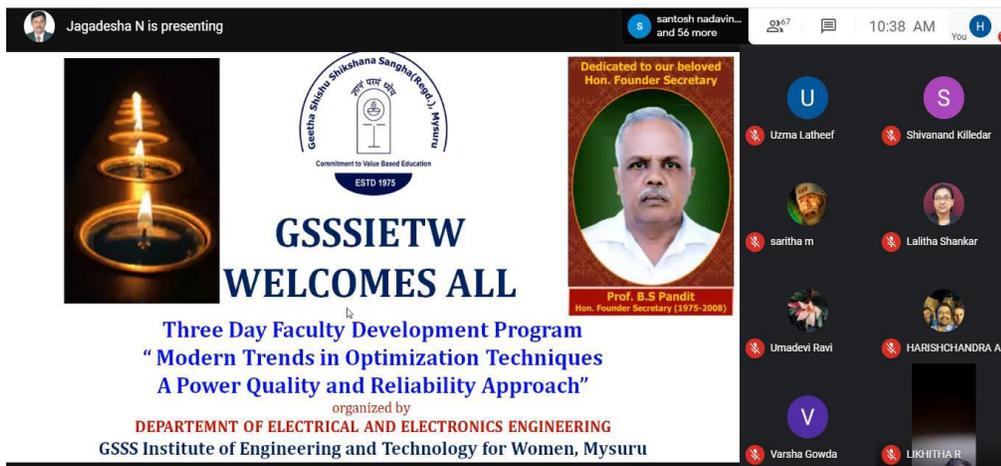
## One Day Webinar on “Electrical Switchgear & its applications”



Organized a One Day Webinar on “Electrical Switchgear & its applications” on 4<sup>th</sup> July 2020.

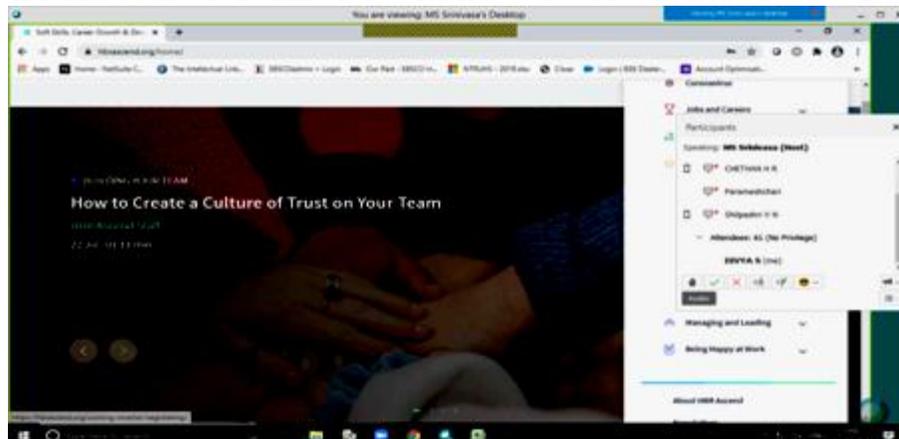
**Resource Person:** Basavesh Shetty S Doddabele, Executive Officer, DB Son,  
Universal Power Control, Tumkur

## Three Day Faculty Development Program on “MODERN TRENDS IN OPTIMIZATION TECHNIQUES-A POWER QUALITY AND RELIABILITY APPROACH” From 17<sup>th</sup> - 19<sup>th</sup> July 2020.



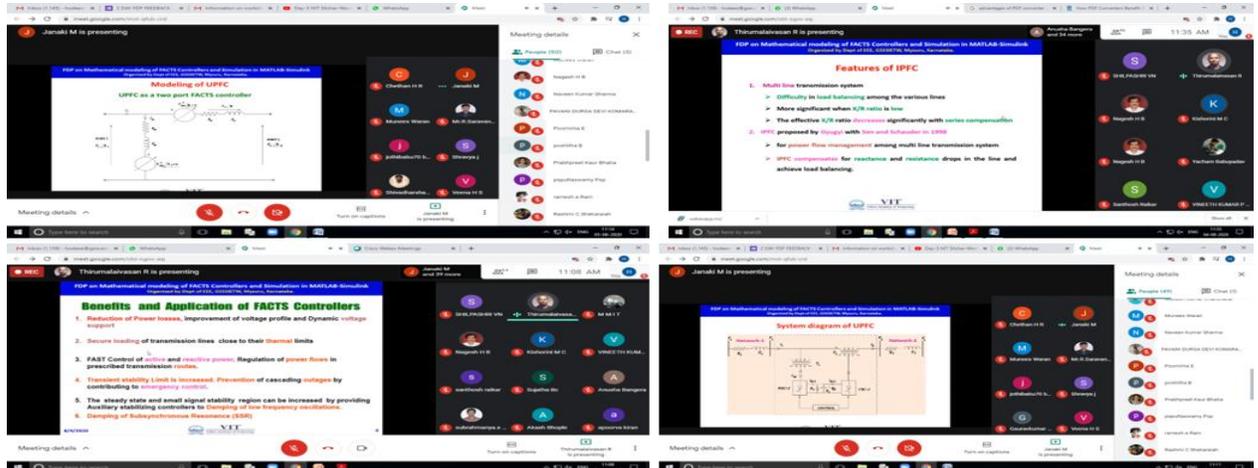
The Inaugural function was presided by **Dr. Sanjeev Kumar R A**, Professor, PDA College of Engineering, Kalaburgi.  
**Dr. M Shivakumar**, Principal, GSSSIETW, Mysuru and **Dr. P S Puttaswamy**, Professor and Head, Dept. of EEE,  
GSSSIETW, Mysuru

## One Day Webinar on “Essential Presentation skills for students Career launch in the New Normal”



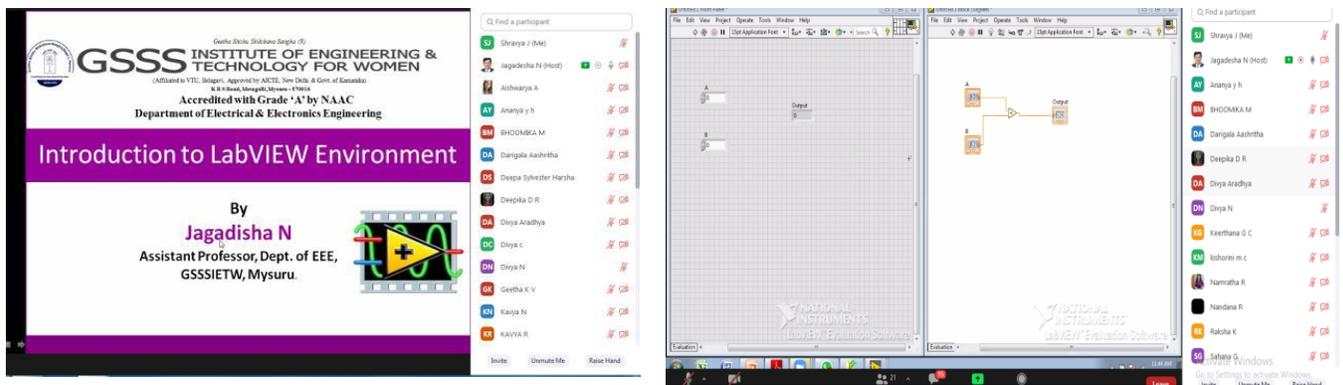
Organized a Webinar on “Essential Presentation skills for students career launch in the new Normal” on 22<sup>nd</sup> July 2020.  
**Resource Person:** M S Srinivasa, Training Manager ( Karnataka & Telangana), EBSCO Information Services and IEEE  
Explore Digital library

## Two Day FDP on “Mathematical Modeling of FACTS Controllers and Simulation in MATLAB - Simulink”



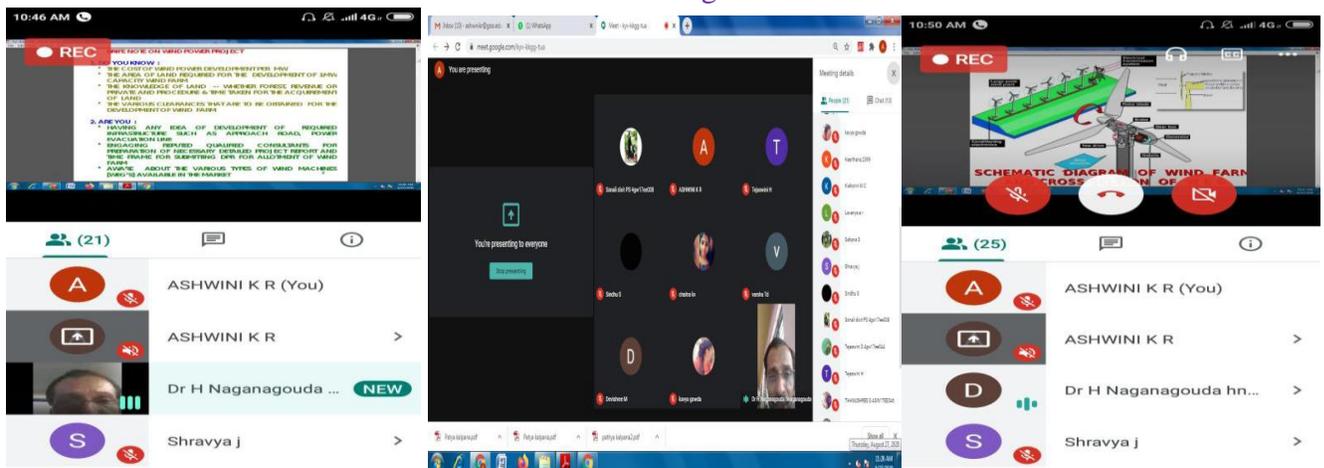
Organized a Two Day FDP on “Mathematical Modeling of FACTS Controllers and Simulation in MATLAB - Simulink” from 4<sup>th</sup> August to 5<sup>th</sup> August 2020. **Resource Persons:** Dr Thiru malivasan and Dr. Janaki M, Professors, Vellore Institute of Technology, Vellore

## 3 Days Online hands on works hop on “Lab VIEW tool and its application in industrial process control”



Department of Electrical & Electronics Engineering, organized 3 Days Online hands on workshop on “**Lab VIEW tool and its application in industrial process control**” for 5th semester students from 4<sup>th</sup> to 6<sup>th</sup> August, 2020, 10:30 am to 12.30pm through Zoom On line p latform.

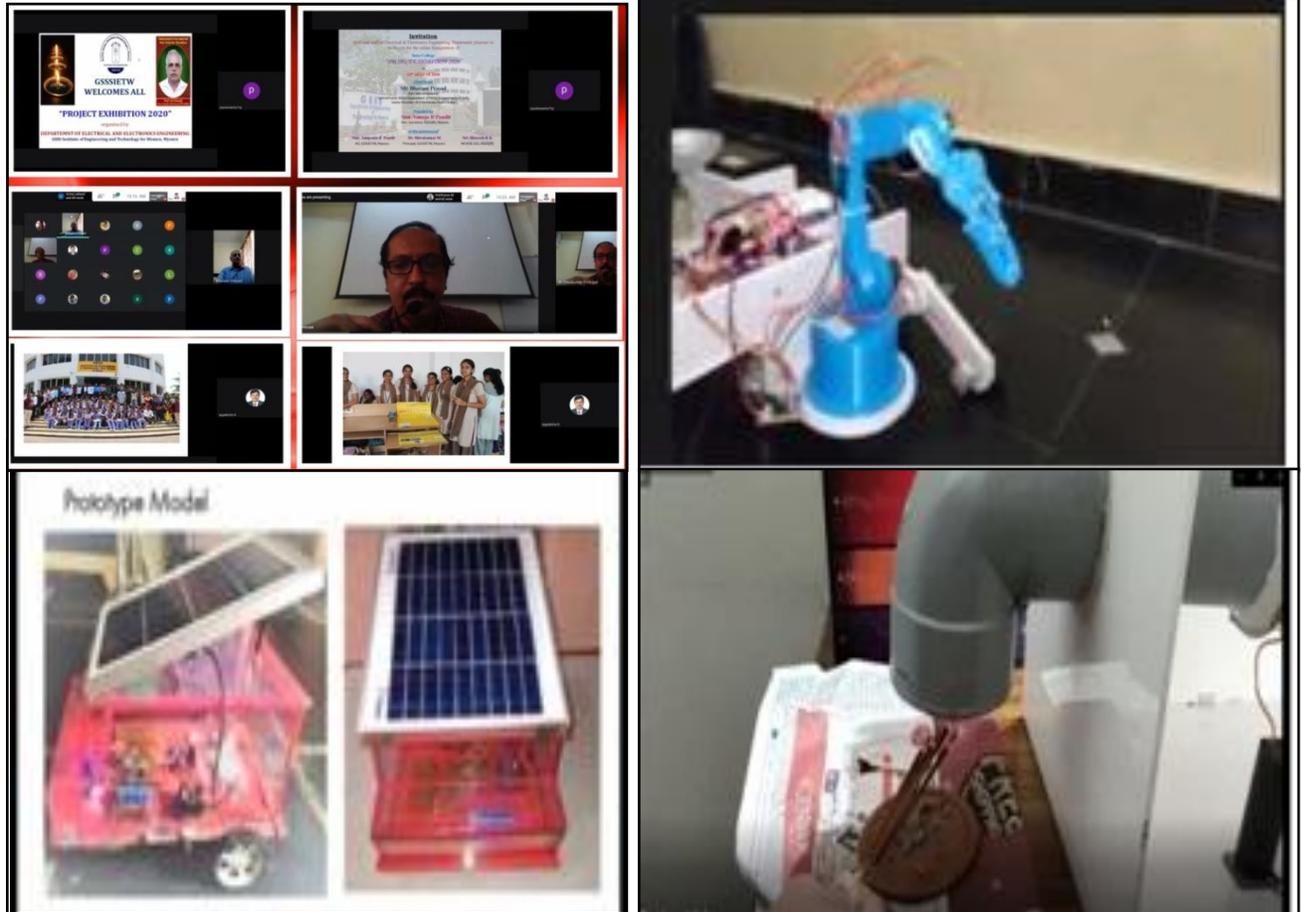
## 3-Days Webinar on Recent Trends in Rene wable Energy 25<sup>th</sup> to 27<sup>th</sup> August 2020



Resource Person: **Dr. H Naganagouda**, Director, National training centre for solar technology. KPCL, Bangalore.

# “Project Exhibition-2020”

In association with  
ISLE student Chapter, Karnataka Center



The “PROJECT EXHIBITION-2020” was organized by department of Electrical and Electronics Engineering in association with ISLE Student Chapter, Karnataka Center.

The 4 teams who bagged the awards are:

1. **Sandeep M, Samarth Raj N M, Raghava H J, Shreejan C S** for the project “SMART AGROBOT (MULTI PURPOSE ECONOMICAL FEASIBLE AGRICULTURE ROBOT)” Vidya Vikas Institute of Technology, Mysore
2. **Karthik H R, Jayakumar B, Pooja K R, Shwetha B V** for the project “Development of Glass Cleaning Robot for Buildings” ATME College of Engineering Mysore.
3. **Madhu Bhimappa Chavan, Pratibha S, Melmalagi, Priyanka B** for the project “A Solar Power Assisted Lithium- Ion Battery Balancing System for Electric Vehicles” from Tontadarya College of Engineering, Gadag.
4. **Vellimani M, Rizwanarahat, Annapurna S Kalgutkar, Mahalakshmi B K** for the project “Electric Bangle for Women Safety” from GSSS Institution of Engineering & Technology for Women.

## “GLOBAL ALUMNAE MEET-ON 9<sup>th</sup> May 2020”



Alumnae Association of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru has organized the 7<sup>th</sup> Alumnae meet on 9<sup>th</sup> May, 2020.

### GSSSIETW ALUMNAE ASSOCIATION

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

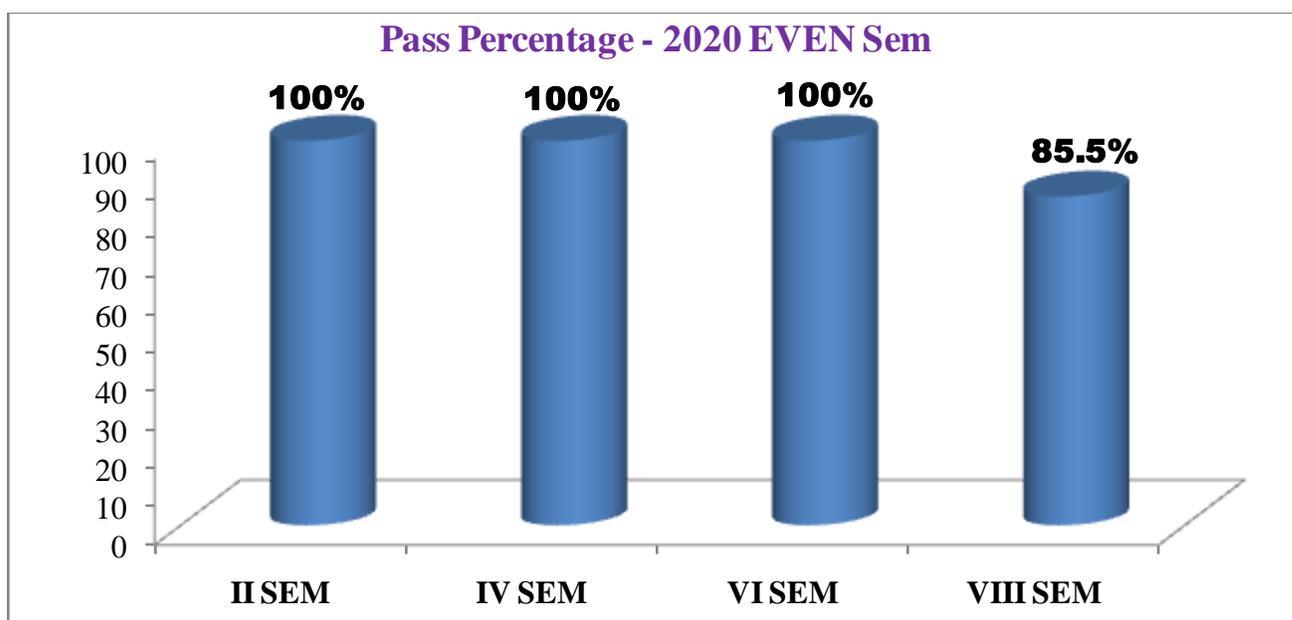
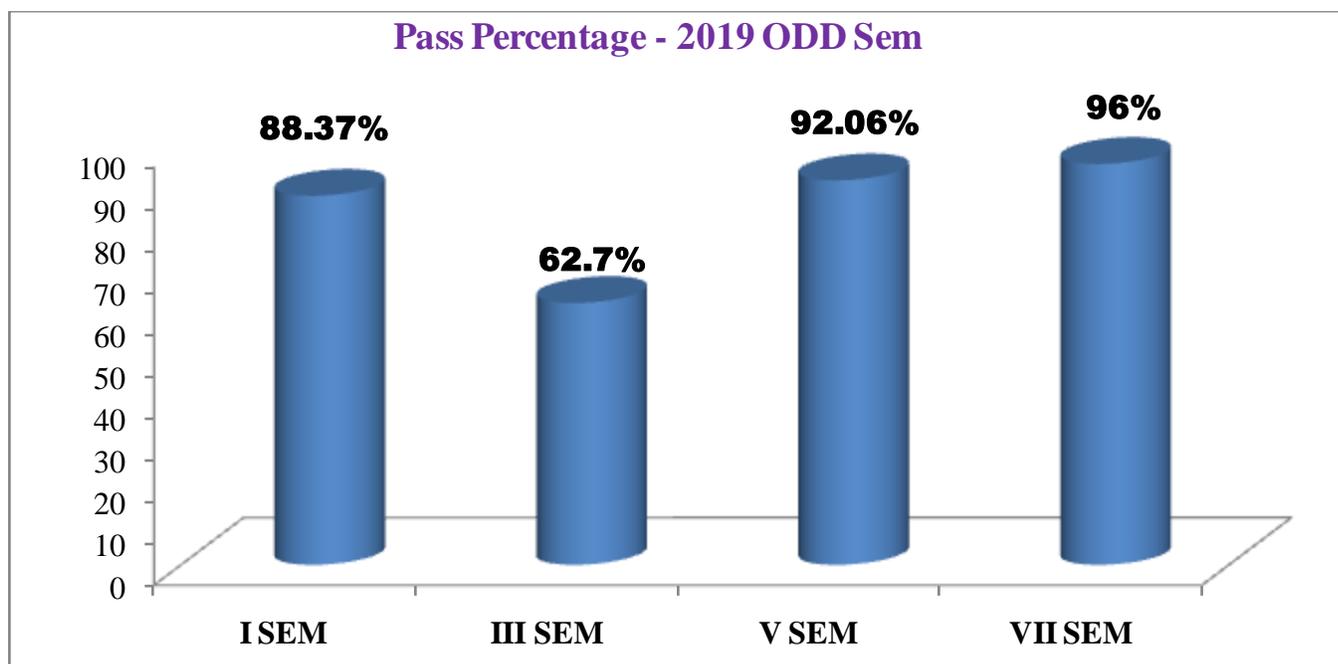
Alumnae Association of GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru has organized 7<sup>th</sup> GSSSIETW Alumnae Meet and 1<sup>st</sup> Global Meet online (Google Meet) on 9<sup>th</sup> May 2020.



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

A total number of 169 Alumnae of GSSSIETW Mysuru 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 and different States across India.

## RESULTS 2019-20



**EDITED BY:**  
**GIRISHA K M**  
Assistant professor  
Department of EEE  
GSSSIETW, Mysuru

