



**SREENIVASA INSTITUTE of TECHNOLOGY and MANAGEMENT STUDIES,
CHITTOOR (Autonomous)
DEPARTMENT OF EEE**

S.No	Name of the Event	Title	Date	Resource person	No of student attended
1	Two days Wok shop	Arduino Programming and Applications for Beginners	2-10-2020 to 3-10-2020	Mr. G. Prasad Acharya	150
2	Webinar	Recent Development on Load Flow Analysis	20-06-2020.	Mr. D.M.V. Prasad, Senior Consultant, Gradeup Company, Noida	100
3.	Guest Lecture	Power Grid Concepts	27.01.2020	Mr. S.V.Mahesh Babu,	150
4.	Seminar	Renewable Energy Sources	17.09.2020	Mr.S.Sivanagaraju, Associate professor, PVKK Institute of Technology, Anantapuramu	85
5.	Hands On Training	MATLAB Applications	07.10.2019 to 08.10.2019	Mr.K.Kumar, Engineer, Crisp system Private Limited, Chennai	100
6.	Industrial Visit	Substation	11.11.2019	Sathanur Dam Hydro Electric Power Plant, 7.5MW, Sathanur, Tiruvannamalai Dt, Tamilnadu, India	55
7.	National conference	Recent trends in Engineering and Technology	28.10.2019	Mr.K.Kumar, Engineer, Crisp system Private Limited, Chennai	100
8.	FDP	Research Challenges in Electrical Engineering	18.10.2019	Mr.S.Ramesh, Associate Professor, Siddharth Institute of Engineering and Technology	30
9.	Department Association Activities	Quiz	28.11.2020	Dr. V.Maheswari HOD-EEE SITAMS	15
10.	Department Association Activities	Group Discussion	04.12.2021	Dr. V.Maheswari HOD-EEE SITAMS	15
11.	Department Association Activities	Circuit Debugging	27.11.2021	Dr. V.Maheswari HOD-EEE SITAMS	6
12.	Department	Seminar	12.12.2020	Dr. V.Maheswari	30



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	Association Activities	presentation		HOD-EEE SITAMS	
13.	Farwell Day Celebration	-	21.12.2020	Dr.P.Rameshkumar	120



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BRIEF REPORT ON WORKSHOP

A Two Day workshop on the topic “Arduino Programming and Applications for Beginners” was organized by the Department of EEE on 2-10-2020 to 3-10-2020.

In the beginning of the Workshop Dr. P. Ramesh Kumar, Principal invited the guest and discussed in brief about the necessity of the workshops in this COVID pandemic situation and utilize the online presentation platform for organizing the workshops. He also addressed that it works as a catalyst for bridging gap between institutions as well as colleges and Universities to promote and transfer technology for the betterment of society.

After that Dr.V.Maheswari, HOD EEE illustrated about the various activities run by the Department of EEE like Seminars, Workshops, and Conferences etc. She introduced the invited speaker and also discussed about the importance of awareness on latest technologies in day to day life for teachers as well as for students.

The invited speaker Mr. G. Prasad Acharya, Coordinator, Microchip Certified Trainer from Hyderabad gave a presentation on “Arduino programming” fundamentals and its various applications in electrical and electronic systems for their smooth performance. He also explained about how this tool is very helpful for the graduates to carry out their project works in real time systems.

After that, questions and interaction session was held in which students and faculty also got clarified their doubts regarding the topic from the guest.

The Workshop was ended by Vote of Thanks given by Mr. K.Gunavardhan, Assistant professor, Dept. of EEE. In the Workshop 150 Faculty, Students and Academicians have participated.

**Participants attending the Workshop on “Arduino Programming and Applications for
Beginners”**



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BRIEF REPORT ON WEBINAR

A Webinar on the topic “Recent Development on Load Flow Analysis” was organized by the Department of EEE on 20-06-2020.

In the beginning of the Webinar Dr.P. Ramesh Kumar, Principal invited the guest and discussed in brief about the necessity of the webinars in this COVID pandemic situation and utilize the online presentation platform for organizing the seminars. He also addressed that it works as a catalyst for bridging gap between institutions as well as colleges and Universities to promote and transfer technology for the betterment of society.

After that Dr.V.Maheswari, HOD EEE illustrated about the various activities run by the Department of EEE like Seminars, Workshops, and Conferences etc. She introduced the invited speaker and also discussed about the importance of awareness on latest technologies in day to day life for teachers as well as for students.

The invited speaker Mr. D.M.V. Prasad, Senior Consultant, Gradeup Company, Noida gave a presentation on modern trend in load flow studies using MATLAB Simulink tools, ETAP and Scilab. He explained how to evaluate the power flow parameters by using Gauss-Seidel, Newton Raphson and Decoupled load flow methods. He illustrated very useful information regarding simulation tools and their importance in load flow studies. He also explained about how these tools are very helpful for the graduates to carry out their project works in real time systems.

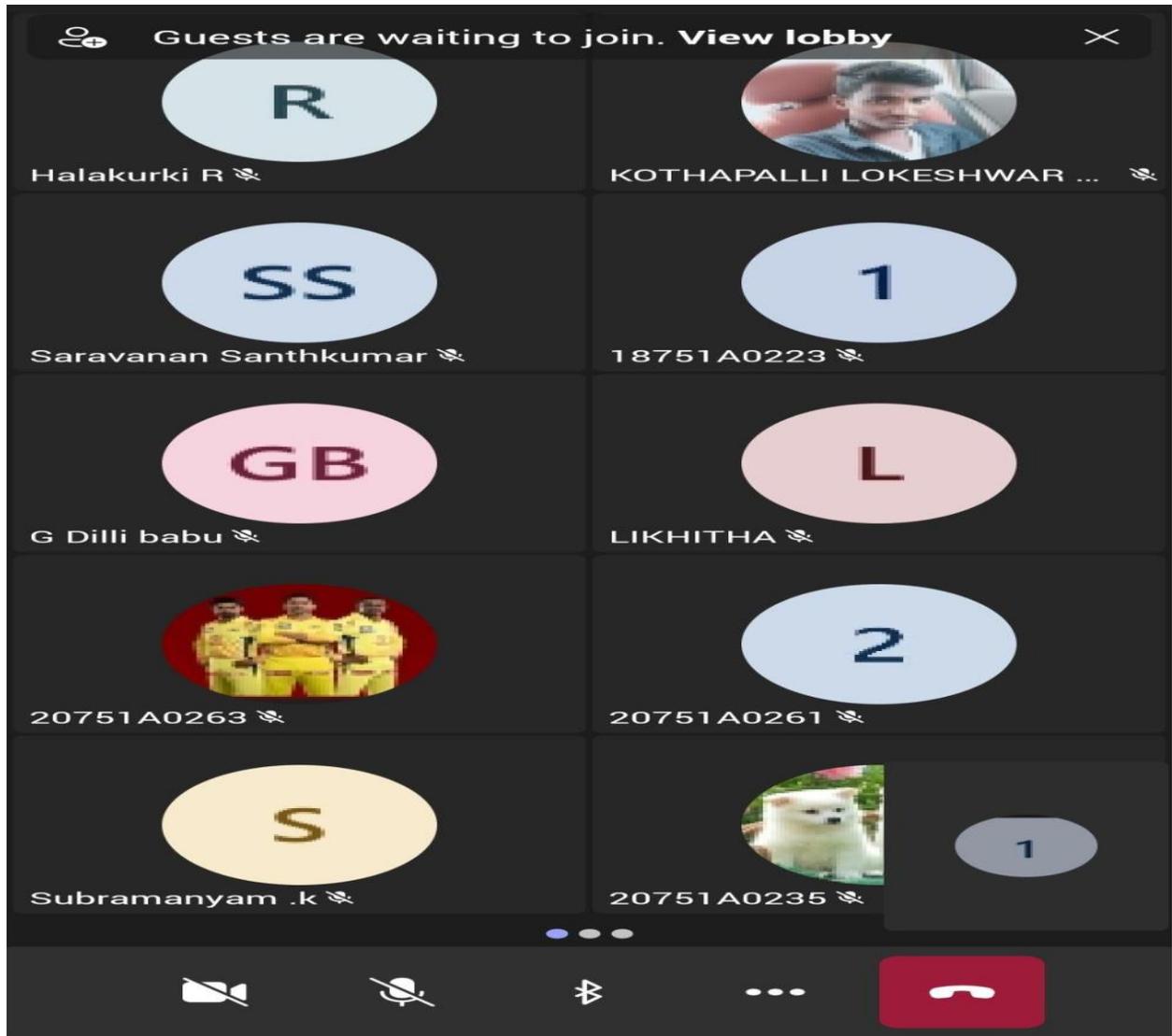
After that, questions and interaction session was held in which students and faculty also got clarified their doubts regarding the topic from the guest.

The Webinar was ended by Vote of Thanks given by Mrs. C.L. Sravanthi, Assistant professor, Dept. of EEE. In the Webinar 100 Faculty, Students and Academicians have participated.



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Participants attending the Webinar on “Recent Development on Load Flow Analysis”





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BRIEF REPORT GUEST LECTURE

Electrical and Electronics Engineering department of SITAMS has organized a guest lecture on “Power Grid Concepts” for the students of Second year and Third Year by Mr. S.V. Mahesh Babu, Divisional Executive Engineer (DEE), 220KV Substation, Renigunta, APTRANSCO, on 27th January 2020 from 10:00 AM to 12:00 PM in Gallery..

In the beginning of the lecture Dr.P. Ramesh Kumar, Principal invited the guest. After that Dr.V.Maheswari, HOD EEE illustrated about the various activities run by the Department of EEE like Seminars, Workshops, and Conferences etc. She introduced the invited speaker and also discussed about the importance of awareness on latest technologies in day to day life for faculty as well as for students.



The lecture was ended by Vote of Thanks given by Mr. K. Gunavardhan, Assistant professor, Dept. of EEE.



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BRIEF REPORT SEMINAR

Electrical and Electronics Engineering department of SITAMS has organized a Seminar on “Renewable Energy Sources” for the students of Third year and Final Year by Mr.S.Sivanagaraju, Associate professor, PVKK Institute of Technology, Anantapuramu on 17th September 2020 from 10:30 AM to 12:30 PM in Gallery.

In the beginning of the lecture Dr.P. Ramesh Kumar, Principal invited the guest. After that Dr.V.Maheswari, HOD EEE illustrated about the various activities run by the Department of EEE like Seminars, Workshops, and Conferences etc. She introduced the invited speaker and also discussed about the importance of awareness on latest technologies in day to day life for faculty as well as for students.



The lecture was ended by Vote of Thanks given by Mr. L. Sagar, Associate professor, Dept. of EEE.



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BRIEF REPORT HANDS ON TRAINING

The Department of Electrical and Electronics Engineering Conducted a two days Hands on training for MATLAB by Mr.K.Kumar, Engineer, Crisp system Private Limited, Chennai on 7-10-2019 and 8-10-2019. The Hands on training was Inaugurated by Dr.P.Rameshkumar, Principal, SITAMS. Dr.V.Maheswari HOD-EEE honored the Chief Guest and gave a brief introduction about chief guest and explained about the importance of Hands on Training.

On the first day Resource Person Mr.K.Kumar was delivered the lecture on the students to the fundamental requirements of Computer Programming system and language called MATLAB and the theory class was covered Rectifiers, Inverters ,DC-dc Converters,Cyclo converters,DC and AC motor, Control systems, I controller Design, Facts controllers, Matrix converters.

On the Second day the students will be exposed to the very important issue of designing the single phase half wave rectifier and Full wave rectifier with R and RL load, Single phase voltage source inverter,SVPWM,DC-Dcconverters,Buck,Boost,Buck-Boost,SEPICconverters,modified and CUK converters,ZVS,ZCS,FLC,Matrix converters, Wind energy conversion systems,FACTS devices,Matlab Programming for power system domain.

The Purpose of the Hands on training was to enhance the knowledge and provide deeper insights in the field of Power systems. The Hands on training mainly fill the technology gap between Institution and Companies.



At the end of the session the question and interaction session was held in which students and faculty also got clarified their doubts regarding the topic from the resource person.

The Hands on training was ended by vote of thanks given by Mr.K.Gunavardhan, Asst. Professor, EEE. Through training 100 Students got benefited.



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BRIEF REPORT INDUSTRIAL VISIT

The Department of Electrical & Electronics Engineering, Sreenivasa Institute of Technology & Management Studies, Chittoor was organized an industrial visit to Sathanur Dam Hydro Electric Power Plant, 7.5MW, Sathanur, Thandarampet Taluk, Tiruvannamalai Dt, Tamilnadu, India on 11th November 2019 for third year B.Tech(EEE) students. Industrial visit was coordinated by Dr.P.Elango, Asso.Prof and Mrs. .C.L.Sravanthi Asst.Prof. The Students of third Year were taken to visit a Sathanur Dam Hydro Electric Power Plant, 7.5MW, Sathanur, Thandarampet Taluk, Tiruvannamalai Dt, Tamilnadu, India. Mrs.C.L.SRAVANTHI Asst.Prof and Mr. Ramesh R Halakurki.Prof explained about safety rules must follow the students during the visit in Sathanur dam.

Sathanur Hydro Power Plant is erected in the Pennaiyar (or Thenpennai) River of Sathanur town near to Thiruvannamalai in the state of Tamil Nadu, India. The power project is commissioned in 1999 with an approved and installed capacity of 7.5 MW. The hydroelectric basin of the power plant is East Flowing Rivers of South India. The type of project is small, since its capacity is less than 25 Megawatt. The type of plant built across the river is Dam on river with Reservoir. The status of the power project is partially operational.

The power plant is owned by State Government of Tamil Nadu and the operator of the power plant is TANGEDCO. The beneficiary states of the power plant are Thiruvannamalai and its neighboring cities in Tamil Nadu. The construction of power plant is completed and started its operations in 1999. There is only a single turbine in the plant and the capacity of that turbine is 7.5 MW. The unit size of plant is 7.5 MW. There is only a single unit in the plant and that unit is commissioned in 1999.





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BRIEF REPORT NATIONAL CONFERENCE

The Department of Electrical and Electronics Engineering was conducted a National Level One day Conference on Recent trends in Engineering and Technology on 28th October 2019. In the beginning of the conference Dr.P.Ramesh kumar ,Principal invite the guest,judges,students,Researchers and discussed in brief about the necessity of the conference in this COVID pandemic situation and utilize the presentation platform for organizing the conference.. After that Dr.V.Maheswari, HOD EEE illustrated about the various activities run by the Department of EEE.She introduced the invited speaker Mr.K.Kumar, Engineer, Crisp system Private Limited, Chennai .The Primary goal of the conference is to promote research and development activities in Research Advances in Engineering and Technology. The Conference is also aimed at promoting scientific information interchange between researchers, developers, engineers, students, and practitioners working in diversified areas around the globe.

The objective is to present the latest research trends and results of engineers and scientists (preferred students, post graduate students, Faculty, Research Scholars and post-doc scientists) related to Electrical and Electronics Engineering.

The Conference will feature online paper presentations as well as keynote speeches by prominent speakers who will focus on state-of –the –art technologies in the areas of the conference. The Conference will be held every year to make it an ideal platform for people to share their views and experience in Optimal Power flow analysis using Various Artificial Algorithms related areas like loss minimization and voltage profile improvement using Various FACTS devices.



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This Conference leads to the establishment of industry institute interaction in developing innovative applications and to improve the curriculum development process and quality of teaching. After that, questions and interaction session was held in which students and faculty also got clarified their doubts regarding the online paper presentations from the students. The e-Conference was ended by Vote of thanks given by Mr.J.SreerangaNayakulu,Asst.Prof,Dept.of EEE.In the conference 100 Faculty,Students,Academicians and Researchers have participated.



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BRIEF REPORT ON FACULTY DEVELOPMENT PROGRAM

Electrical and Electronics Engineering department of SITAMS has organized a FDP on “Research Challenges in Electrical Engineering” for the Electrical faculty by Mr.S.Ramesh, Associate Professor, Siddharth Institute of Engineering and Technology on 18th October 2019 from 10:00 AM to 4:00 PM in Gallery.

In the beginning of the lecture Dr.P. Ramesh Kumar, Principal invited the guest. After that Dr.V.Maheswari, HOD EEE illustrated about the various activities run by the Department of EEE like Seminars, Workshops, and Conferences etc. She introduced the invited speaker and also discussed about the importance of awareness on latest technologies in day to day life for faculty.40 Faculty members was attended the programme



The lecture was ended by Vote of Thanks given by Mr. K. Chandra Kumar, Assistant professor, Dept. of EEE.



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**Department Association Activity
Quiz Competition**

Venue: IV EEE Classroom

Date: 28.11.2020

The department of Electrical and Electronics Engineering of Sreenivasa Institute of Technology And Management Studies has organized a Quiz competition for the students of IV B.Tech.under the Department association activity.

The competition has been divided into 3 equal rounds with 10 questions each. Round 1 was a technical round which comprises of basic questions related to electrical engineering. Round 2 was a General Knowledge (GK) round. Round 3 was structured nicely to analyze the ability of students towards the logical and verbal reasoning. Cash prize for the winners of the competition was announced in order to encourage the students.

Mr. L. Sagar Asst. Prof. and Mrs. C.L. Sravanthi Asst. Prof. were appointed as faculty incharges and Mr. M. Revanth and Ms. K. Praveena of IV B.Tech. were acted as student coordinators for the smooth conduction of the event. Total number of teams participated in the competition is 5 and number of persons (team strength) in each team is 3 in the Quiz competition

Ms. V. Mounika, Ms. V. Bhavitha, Ms. M. Geethanjali, who were in Team E, has got 27 out of 30 and stood in first place and Mr. A. Udaykumar, Mr. M. Gowtham kumar, Mr. N.Kusulkumar who were in Team B, has secured 25 out of 30 and obtained the second position.



Dr. V. Maheswari HOD/EEE has distributed the prizes for the winners of first two places and encouraged the participants and the other student members of the association.



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**Department Association Activity
Group Discussion**

Venue: IV EEE Classroom

Date: 04.12.2020

The department of Electrical and Electronics Engineering of Sreenivasa Institute of Technology And Management Studies has organized a group discussion for the students of IV B.Tech. I Sem. under the Department association activity.

The topic selected for the group discussion is “Is the youth of India confident or confused? In detail, decision making on fixing a goal of life, rigid educational systems, political policies related to growth pattern of the country etc. were discussed by the student groups elaborately. Cash prize for the winners was announced in order to encourage the students.



Ms. P. Roja Asst. Prof. and Ms. A. Keerthi Asst. Prof. were appointed as faculty incharges and Mr. Y. Yeswanthkumar and Ms. M. Salini of IV B.Tech. Were acted as student coordinators for the smooth conduction of the event. Total number of students in the group for the discussion is 10.

Mr. G. Tharunpathi, who had started and given the nice points related to the topic in a group, has got 7 out of 10 has declared as the winner by the judges and the runner up in the group was Mr. S.Muralikrishna, who scored 5 out of 10.

Dr. V. Maheswari HOD/EEE has distributed the prizes for the winner and runner up of the group and encouraged the participants and the other student members of the association.



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**Department Association Activity
Circuit Debugging Competition**

Venue: IV EEE Classroom

Date: 07.12.2022

The department of Electrical and Electronics Engineering of Sreenivasa Institute of Technology And Management Studies has organized a circuit debugging competition for the students of IV B.Tech. I Sem. under the Department association activity.

Cash prize for the winners was announced in order to encourage the students.



Mr. Ramesh R Halakurki Assoc. Prof. and Dr. R. Suresh Assoc. Prof. were appointed as faculty incharges and Ms. A. Hemalatha and Ms. R. Himabindu of IV B.Tech. Were acted as student coordinators for the smooth conduction of the event. Total number of students participated in the event is 6.

Ms. P. Harshasree, who has identified the bug correctly within the given time was declared as the winner by the judges and the runner up is awarded to Mr. I. Lilif Naidu, who completed his task at the second position.

Dr. V. Maheswari HOD/EEE, has distributed the prizes for the winner and runner up for the circuit debugging competition and encouraged the participants and the other student members of the association.



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**Department Association Activity
Seminar Presentation**

Venue: III EEE class room

Date: 12.12.2020

The department of Electrical and Electronics Engineering of Sreenivasa Institute of Technology And Management Studies has organized a Seminar presentation for the students of III B.Tech.under the Department association activity.

The students had given with the choice of selecting the topic on their own, but related to current technical scenario. The stipulated time limit is 15 min. Cash prize for the winners of the competition was announced in order to encourage the students.



Mr. K. Gunavardhan Asst. Prof. and Mr. K. Chandrakumar Asst. Prof. were appointed as faculty incharges for the conducting the event. Total number of teams participated in the competition is 10 and number of persons (team strength) in each team is 2.

Ms. G. Supriya, Ms. K. Jayasree, who were in Team 1, and presented a seminar on Power theft identification has awarded 17 out of 20 and stood in first place and Mr. K. Sharan reddy, Mr. P. Venkat Sairam who were in Team 8, and presented a seminar on Bluetooth technology has secured 14 out of 20 and obtained the second position.

Dr. V. Maheswari HOD/EEE, has distributed the prizes for the winners of first two places and encouraged the participants and the other student members of the association.



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FAREWELL DAY CELEBRATION

EEE Department of SITAMS organized Farewell Party 21st December 2020 at the college Indoor Stadium, where students of B.Tech 3rd year bid farewell to the outgoing students of B.Tech final year with great enthusiasm. Function began with a floral welcome of Dr.P.Ramesh Kumar, Principal, Dr.S.Sreekanth, Vice Principal, Dr. V.Maheswari, Hod of EEE, Directors and Hods of other Departments by staff and students.

Lightning of Lamp was done by Principal, Dean & all HOD's followed by prayer song. Principal wished good luck to the final year students for their future. He also expressed his hope that students will continue holding best positions in upcoming university exams. All the seniors and juniors had filled the auditorium with colorful attires which added beauty to the event. Juniors gave a warm welcome with Red Roses followed by very entertaining group dances, solo dances and solo song performances.



Students took a break for the delicious lunch provided by the college. Conversations during the meal provided opportunities for the students to bond, plan, connect, and learn from one another. Once they were recharged, they started the fun again. The day ended by capturing memories with photo sessions. At last the auditorium was geared up with filling high energies and immense pleasure among all, with the stamps of amazing memories and fun.