

OUR INSPIRATION



Dr. D.K. Audikesavulu
Founder Chairman



NEWS LETTER

Volume: XXIV Issue:2 July-Dec(2022)

Department of Electrical and Electronics Engineering



Smt. D.A. Satyaprabha
Chairperson
(2013-2021)

Sreenivasa Institute of Technology and Management Studies

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G. Dilli Babu
III EEE
G. Harshitha
IV EEE

Inside this issue

Events @ SITAMS
NSS activities
Faculty achievements
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CHAIRMAN'S MESSAGE



Sri. K. Ranganatham
Chairman

In this serenity, the world is portrayed by technology and constant change. In order to survive and perform successfully in the contemporary competitive environment, we have to adopt constantly with innovative techniques and be prepared to update knowledge and life skills through continuous learning all the time because education is a pivotal contributing element to both social mobility and economic development.

SECRETARY MESSAGE

We started our college with the vision of providing quality education to rural and urban youths. Our college owns world-class infrastructure and facilities includes state-of-art laboratories for Academics and Research, carrier development, placement cell and library. SITAMS known for its qualified and well experienced faculty members. At SITAMS, we provide a conducive environment for young engineers where they can be creative, learn to solve problems and express themselves. I am sure that we will achieve our mission with the cooperation and team work of every member of SITAMS.



Sri D. K. Badri Narayana
Member, Industrialist
& Philanthroist

PRINCIPAL'S MESSAGE



Dr. N. Venkatachalapathi
Principal

Our students have always set high benchmarks, competing with students all around the globe. In line with institute's vision and mission, we aim at providing excellent academic ambiance, student centric teaching-learning process, state-of-the-art infrastructure, highly qualified and experienced faculties and an overall dynamic and disciplined workplace.

To meet pace with fast emerging technologies and rapidly changing world around, we try to nurture attitude of a leader and a lifelong learner among our students. I feel privileged to invite students seeking quality engineering education, academicians, recruiters and industry professionals to experience the vibrancy with the budding technocrats of future, at SITAMS.

HOD'S MESSAGE

As far as the Department is concerned, academic standards and practical work are the two key parameters. The Department of EEE has dynamic personalities as faculty, who are involved in imparting quality education. The faculty strives to foster and encourage a teaching methodology that is both practical and theoretical in approach. The lab facilities are being upgraded from time to time and provide adequate opportunities for the students to learn and innovate. The Department is fully equipped with all the labs required for the curriculum.



Dr. V. Maheswari
HOD-EEE

COLLEGE VISION

- ✦ To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

DEPARTMENT VISION

To excel in the domains of electrical and electronics engineering through academic excellence, research innovation, actively addressing challenges, developing sustainable solutions, and making a Positive societal impact, with the aim of further strengthening research and promoting holistic development among students.

COLLEGE MISSION

- ✦ Provide congenial academic ambience with state-art of resources for learning and research.
- ✦ Ignite the students to acquire self reliance in the latest technologies.
- ✦ Unleash and encourage the innate potential and creativity of students.
- ✦ Inculcate confidence to face and experience new challenges.
- ✦ Foster enterprising spirit among students.
- ✦ Work collaboratively with technical Institutes / Universities / Industries of National and International repute

DEPARTMENT MISSION

- Provide quality education and training in electrical and electronics engineering.
- Foster research and innovation in the field.
- Address real-world challenges with sustainable solutions.
- Promote holistic development and ethical values
- Enhance industry collaborations and practical learning opportunities.

Events

Placement Cell

Communication and Employability skills (Interview skills) program

Training and Placement cell organized 3 days Placement Training program on "Communication and Employability skills(interview skills)". Program started with prayer headed by principal, all dignitaries and CTPO of the SITAMS .All placement coordinators and HODs were attended .Five resource persons from the Rubicon took part in the event to handle the Classroom training and Practice sessions for the final year students for placement purpose. All the final years of B.Tech ECE and CSE students participated in the 3 days placement training program. In this training program Students learnt the communications, employability and interview skills. In Final day, Principal thanked all the trainers with mementos.



A Seminar on 'Re-Engineer Yourself'

Training and Placement cell organized one day seminar on 'Re-Engineer Yourself'. Program started with inaugural function headed by principal CTPO & PO of the SITAMS. Mr. N. Sridhar and Mr. N.S.Reddy acted as a resource persons. All the final year B.Tech. and MCA students participated in the program.

A Seminar on 'Re-Engineer Yourself'
For B.Tech students of SITAMS, Chittoor on Dec 8, 2022
(Sreenivasa Institute of Technology and Management Studies)

Speakers
'Power - packed Speech' by



Dr. N. VENKATA CHALAPATHI
Professor & Principal, SITAMS



SRIDHAR
Director, Kautilya
M.A. (Eng), M.A. (Ecol), PGDFE,
PGDCE (Hyd. Cen. Uni), PGCTE (EFL. Uni.),
Career Coach, 17 Yr exp.



N.S. REDDY
B.Tech, MBA
Sr. Manager, Kautilya
Career Counsellor, 18 yr exp.

Since 2008 **Kautilya** TIRUPATI
a feather in your cap



A Seminar on 'Re-Engineer Yourself'(08-12-2022)

Swot Analysis For Higher Package

Training and Placement cell organized one day work shop on Swot Analysis For Higher Package. Program started with inaugural function headed by principal, CTPO& PO of the SITAMS. Dr. N. Venkata Chalpathi, Principal acted as a resource person. All the Final year BTech and MCA students participated in the program.

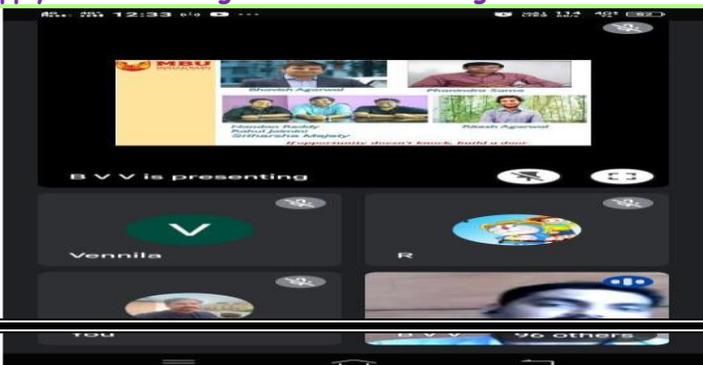


Swot Analysis For Higher Package(29-12-2022)

Institution's Innovation Council(IIC)

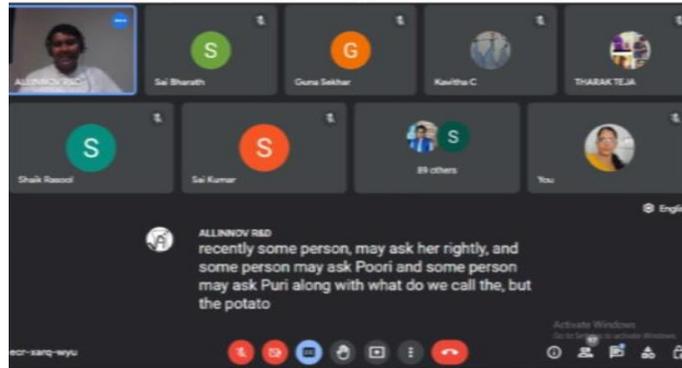
A Workshop on "Entrepreneurship and Innovation as Carrier Opportunity

In this workshop, the Resource person Dr. B. Vishnu Vardhana Naidu, Associate Professor in Mechanical Engineering, Sree Vidyanikethan Engineering College, Tirupati explained the objective of introducing the participants with fundamentals of entrepreneurship development so that they can understand the requirements and challenges in this area. The applied aspect of this workshop will be the practical sessions where they can apply this knowledge in decision making.



My story-Motivational Session by Successful Innovators

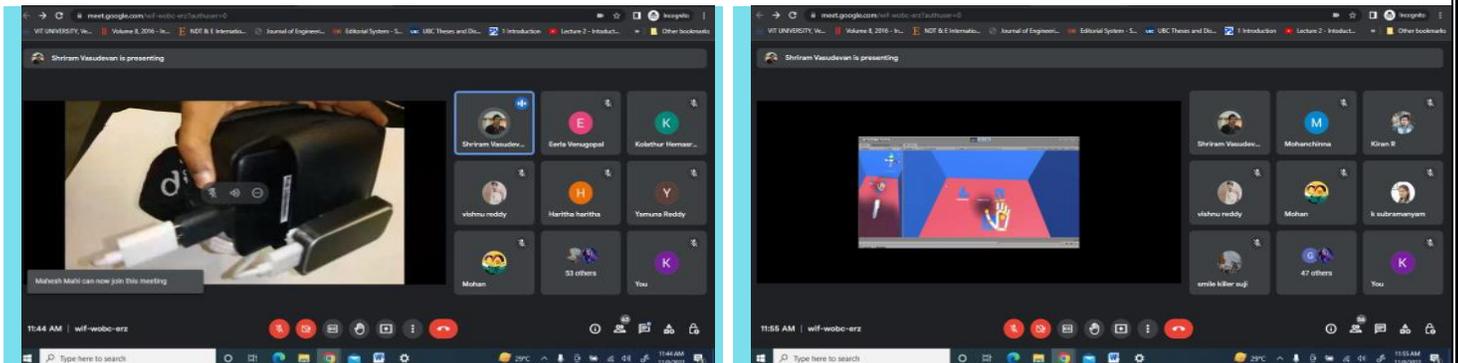
IIC organized a One-Day Workshop on My Story- Motivational Session by Successful Innovators on 3rd November 2022. Mr. Prem Charles, Co-Founder - Managing Director, Allinnov Research and Development Private Limited acted as a resource person for this workshop. He has delivered speech about invention, innovation and patenting. He has motivated the students regarding how the new ideas can be patented. How money can be generated through intelligence. Overall 150 students participated from all the departments. This workshop was a good learning experience for the participants. They had the opportunity to interact with the best resource person in the field of patenting.



My story-Motivational Session by Successful Innovators(03-11-2022)

My story-Motivational Session by Successful Entrepreneur/start-up Founder

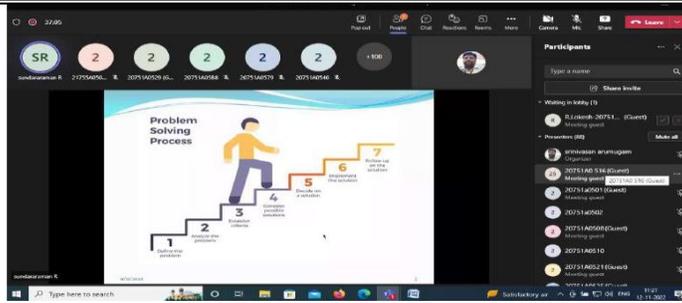
In this workshop, the Resource person Dr. K.Shriram Vasudevan, Lead Tech Evangelist, Bangalore explained how to motivate the team to get an idea and how to convert that idea into a product. He also shared the problems faced and the credit obtained after the completion of his project. He motivated the students to learn the technical basics and booming technologies and think in an omni-way to feed the gained knowledge in real time for converting into a product.



My story-Motivational Session by Successful Entrepreneur/start-up Founder(08-11-2022)

Session on Problem solving and Ideation Workshop

In this workshop, the Resource person Mr R.Sundaraman, Manager, Bus Product Development, Ashok Leyland, Chennai explained how to correctly define a problem and finding a solution to it. He also shared the how to solve the problem with different tools and methods. He motivated the students to learn the various problem solving tools and how to create a new ideas to find the best solution to the problem with examples.



Session on Problem solving and Ideation Workshop (12-11-2022)

National Education Day

An awareness program on the education was organized by Institution's Innovation Council (IIC) along with NSS team on 11th November 2022 from 1.30 pm to 4 pm at Zilla Parishath High School, Kanipakkam, Chittoor. The main purpose of this event was to create awareness regarding the importance of education among the students. A team of 30 student volunteers were present at the school along with faculty coordinators. The IIC Coordinator had given an informative speech on the importance of education at the start of the event. After that, a special motivational talk was given by student volunteers to the 10th class students. The talk also includes which course has to be taken in 11th grade and the booming courses availability for enriching their career skills.



National Education Day (11-11-2022)

Quiz on Entrepreneurship and Innovation

Dr. K. Sudarsan, Convenor, Head of MBA Dept inaugurated the quiz with lighting the lamp and spoke about the importance of entrepreneurship and innovation for the development of the nation and world. The quiz was organized by the Co-ordinators Dr.H.Viswarkiran, & Dr.Jyoshna C, Assistant Professors, MBA Dept, SITAMS. Number of Teams Registered are 60 (2 members per batch) and Number of Teams Qualified for Final Round are 27. First Prize winners are Ms.D.Anjali & Ms.P.Lakshmi Durga, second prize winners are Mr.K.Aleesha & Mr.N.Chaithanya and Third Prize winners are Ms.P.Akshada & Ms.A.Kusala



Quiz on Entrepreneurship and Innovation(25-11-2022)

Technical lecture on Testing (DFT) and Its Importance in Semiconductor Industries

In this technical event, the Resource person and DFT Engineer Mr.G.Manoj kumar from Wipro Technologies who is an ECE department Alumni of SITAMS, explained on how the core industries performing, the needed transformation by budding engineers to meet the industry's and he gave an overview on VLSI companies. He elaborated the DFT concepts and how he is serving his company. He motivated the students to learn the various core concepts by choosing any one of ECE domains and strengthen the knowledge which helps to serve in core areas during their career.



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (SITAMS) (AUTONOMOUS)
 Marudhanthi, Chittoor, Andhra Pradesh - 517127.

INSTITUTIONS' INNOVATION COUNCIL (IIC)
 Department of Electronics and Communication Engineering
 A Technical Lecture on

Testing (DFT) and Its Importance in Semiconductor Industries

Mr. G. Manoj Kumar
 DFT Engineer, Wipro Technologies, Bangalore
 (Alumni - ECE-SITAMS)

VENUE SITAMS GALLERY	DATE 26-11-2022	TIME 10.00 AM	MODE OFFLINE
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Registration is free and link is given below:
<https://forms.gle/28a2828a28a2828a28a2828a28a2828a>

Organized by
Dr. M. Saravanan BOE-IC **Dr. K. Gopi** BODECE **Dr. C. Kavitha** President-IC **Dr. S. Vijayakumar** Coordinator

Technical lecture on Testing (DFT) and Its Importance in Semiconductor Industries(26-11-2022)

Badminton Tournament 2022

SITAMS organized Badminton Tournament 2022 on the occasion of Late Dr. D.K. Audikesavulu Garu 81st Birth Anniversary from 19th September to 21st September 2022 at Indoor Stadium. Around 150 students have participated in the Tournament. The Principal of SITAMS distributed prizes to the students who have shown outstanding Performance.

Badminton Winner - Runner Prize List

Shuttle Badminton Womens Singles

1st Prize	K.Sirisha	ECE-IV	Winner
2nd Prize	A.Geethika	CSE-I	Runner

Shuttle Badminton Womens Doubles

1st Prize	C.Keerthi Krishna	ECE-IV	Winner
1st Prize	B.Mounika	EEE-IV	Winner
2nd Prize	P.G.Arathi	CSE-IV	Runner
2nd Prize	N.Sravani	CSE-III	Runner

Shuttle Badminton Men Singles

1st Prize	S.Jabiulla	CSE-I	Winner
2nd Prize	K.Khaleef	MBA-I	Runner

Shuttle Badminton Men Doubles

1st Prize	K.Khaleef	MBA-I	Winner
1st Prize	Charan Raj	MBA-I	Winner
2nd Prize	K.Mohammad Ali	CSE-IV	Runner
2nd Prize	Mahesh	MCA-I	Runner



Badminton Tournament 2022 on the eve of 81st birth Anniversary of
Late Sri D.K. Audikesavulugaru, Founder Chairman, SITAMS(19-09-2022 & 21-09-2020)

Webinar Conducted

E.E.E. Department conducted a Webinar on "POWER QUALITY ENHANCEMENT OF POLLUTED ELECTRIC UTILITY GRID" ON 24.08.2022. In this webinar, the Resource person was Dr. P. Venkateshkumar, an Assistant Professor from Karunya University, Coimbatore. In his lecture, explained about harmonics and its effects on frequency of power system, voltage swell, voltage sag and flickering. Also explained about minimizing power quality issues by various methods. He explained about UPQC algorithm form latest research papers and clarified the doubts.

Webinar

On

Power Quality Enhancement of Polluted Electric Utility Grid

Organized By

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

Resource person



DR. P. VENKATESHKUMAR

KARUNYA INSTITUTE OF TECHNOLOGY &
SCIENCE COIMBATORE

Date: 24.08.2022

Time: 2.30 PM

Venue: Gallery, Academic block

Coordinator
Dr.V.Maheswari
HOD-EEE

Principal (FAC)
Dr.M.Saravanan
SITAMS

CHAIRMAN

SECRETARY

ACADEMIC ADVISOR

Sri K.Ranganatham

Sri D.k.Bandrinarayana

Dr.K.L.Narayana



A presentation slide titled "Introduction" is displayed. The slide features a block diagram of a power system. On the left, it shows an "AC Utility" connected to a "Source Voltage at PCC". This is followed by a "Non-linear Load" and a "PCC" (Point of Common Coupling). The diagram illustrates the flow of "Non-Sinusoidal Current" and "Linear and Non-linear Loads". On the right, there are several waveforms: "Voltage Sag", "Voltage Swell", "Voltage Dip", "Flicker", "Major Power Quality Problems", "Unbalanced - Distorted Load Currents", "Unbalanced Supply Voltage", "Distorted Load Current", and "Distorted Supply Voltage". A small inset video shows a man speaking. The slide is dated "24-08-2022" and has a page number "5".

Workshop Conducted

E.E.E. Department conducted one day National Level Workshop on Simulation of Power Converters Using MATLAB ON 19.09.2022. In this workshop, the Resource person was Dr. P. Elangovan, HOD EEE. SRMTRP Engineering College, Tiruchurapalli. He motivated the students to learn the various problem solving tools and how to create a new ideas to find the best solution to the problem with examples through simulation.



one day National Level Workshop on Simulation of Power Converters Using MATLAB(19.09.2022)

National Service Scheme (NSS)

Our students as NSS Volunteers continuously showing leadership skills and serving rigorously for community health care, literacy drives, environmental protection, Blood donation camps, informative lecture on human values regularly to the society by visiting nearby villages and educating and helping the poor and the destitute. This time NSS has also organized many activities.



Tree Plantation at Pantram Palli (16-07-2022)



Provided lunch in Orphanage at Thapovanam (27-07-2022)



**SWACHHATA in Orphanage Near collectorate
(30-07-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka
Amrit Mahotsav" program- Essay writing
(08-08-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka Amrit
Mahotsav" program- Quiz(08-08-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka
Amrit Mahotsav" program- Elocution(08-08-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka Amrit
Mahotsav" program- Poster and Digital Presentation
(08-08-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka Amrit
Mahotsav" program- Lecture On History Of
National Flag & Value & Respect Of Tiranga
(08-08-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka Amrit
Mahotsav" program- Swachhata
(11-08-2022)**



**Har Ghartiranga Abhiyaan part of "Azadi ka
Amrit Mahotsav" program- Rally on Ban the Plastic
(12-08-2022)**



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Cultural activities and Prize distribution(13-08-2022)



Teacher's Day Celebrations(05-09-2022)



Awareness on accident prevention addressed by DSP traffic chittoor(07-09-2022)



International Literacy Day(08-09-2022)



World suicide prevention Day(10-09-2022)



Engineer's Day (15-09-2022)



International Peace Day(16-09-2022)



Ozone Protection Day(17-09-2022)



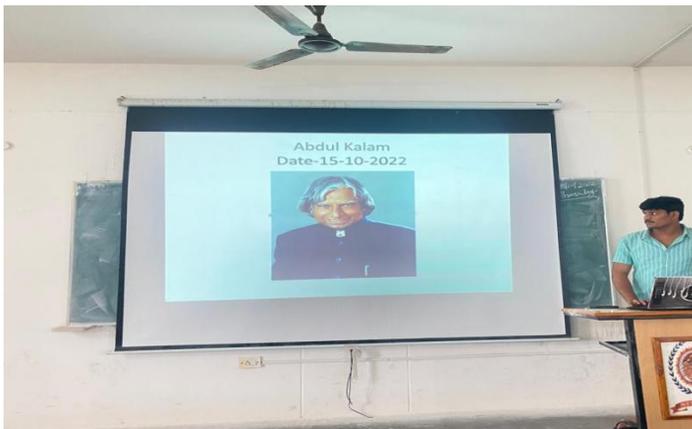
NSS Foundation Day (24-09-2022)



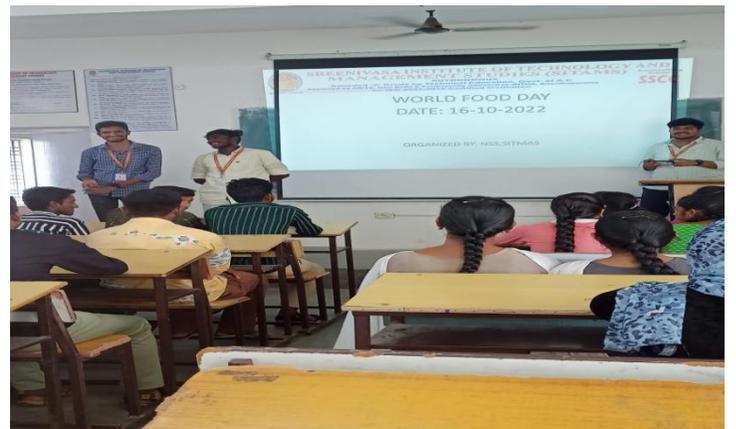
Gandhi Jayanthi (02-10-2022)



World Mental Health Day(10-10-2022)



Abdul Kalam Birth Day (15-10-2022)



World Food Day (16-10-2022)



UNO DAY (24-10-2022)



World Tsunami Awareness Day (5-11-2022)



Vigilance Awareness Week-Conducted Elocution and Essay competitions(31-10-22 to 6-11-2022)



National Cancer awareness day - Volunteer Ms.Likitha of III CSE delivered a lecture(7-11-2022)



C V Raman Birthday - Volunteer Mr.D Rakesh of III ECE gave speech on his invention "in the field of light scattering"(7-11-2022)



National Education Day (11-11-2022)



Constitution day of India- Conducted Quiz & Debate on constitution formation & its need (26-11-2022)



World Aids Day- Ms.Sandhya, II-CSE gave awareness on AIDS (01-12-2022)



Literacy Day- Ms.Rachana, III-CSE briefed about need of literacy to people (02-12-2022)



International volunteers day for social development - volunteers attended the debate on role of people in the society (05-12-2022)



International Anticorruption Day - Mr.C.Sudhakar, III-ECE motivated the students against the corruption in & around the society (09-12-2022)



Human rights Day- Mr.Dora Dondanadha Reddy, III-ECE motivated the students need to fight against the anti terrorism in the society - (10-12-2022)



Kisan Divas/Former's Day- Volunteers actively interacted with farmers, learnt how to cultivate in soil when yield is at the end (23-12-2022)



Faculty Achievements

NPTEL Completed

Name of the Faculty	Course	Number of Weeks
Dr V Maheswari	Introduction to Smart Grid	8 weeks

Papers Published

- Dr. V. Maheswari, (2022) published a paper entitled “Fuzzy based Energy Management Strategy for Hybrid Micro Grid with Battery Storage System, IJARST, Volume 2, Issue 1, October 2022.
- Mr. K.Gunavardhan, (2022) published a paper entitled “Fuzzy based Energy Management Strategy for Hybrid Micro Grid with Battery Storage System, IJARST, Volume 2, Issue 1, October 2022.

Webinars/Workshops Attended

- Dr. V. Maheswari. participated in 5-days short-term course on “Recent Trends in Cybersecurity and Energy Management (RTCEM-2022)” organised by E.E.E. Dept. National Institute of Technology, Puduchery from 12th-16th October 2022
- Dr. V. Maheswari. participated in one week on-line International Work shop on “Trends and challenges in the development of Electric Vehicles and Hybrid Electric Vehicles” organised by Mechanical Dept. Lendi Institute of Engineering and Technology, Vizianagaram Dist. from 14th-18th November 2022.
- Dr. V. Maheswari. participated one week short term training program on “Emerging Trends in Electric Vehicles and Renewables (ETER – 2022)” organised by E.E.E. Dept., Sardar Vallabhbhai National Institute of Technology, Surat from 12th-16th December 2022.

Students Achievements

Webinars/Workshops Attended

- Mr.G.Dilli Babu. IV EEE student participated in 5-days short-term course on “Recent Trends in Cybersecurity and Energy Management (RTCEM-2022)” organised by E.E.E. Dept. National Institute of Technology, Puduchery from 12th-16th October 2022
- Mr.G.Dilli Babu. IV EEE student participated in one week on-line International Work shop on “Trends and challenges in the development of Electric Vehicles and Hybrid Electric Vehicles” organised by Mechanical Dept. Lendi Institute of Engineering and Technology, Vizianagaram Dist. from 14th-18th November 2022.
- Mr.G.Dilli Babu. IV EEE student participated in one week short term training program on “Emerging Trends in Electric Vehicles and Renewables (ETER – 2022)” organised by E.E.E. Dept., Sardar Vallabhbhai National Institute of Technology, Surat from 12th-16th December 2022.

Placements

Roll no.	Student Name	Company Name	Package
19751A0205	E. Hari Krishna	MCORETA (Electrical core company), Bangalore	Rs 3,60000
19751A0206	G.Dilli Babu	MCORETA (Electrical core company), Bangalore	Rs 3,60000

NPTEL Completed

Name of Student	Course	Number of Weeks
A Poornachandra	Wildlife Ecology	12 weeks
E Hari Krishna	Advanced in UHV Transmission and Distributiion	8 weeks
K Jagadeesh	Advanced in UHV Transmission and Distributiion	8 weeks
D Mahesh	Advanced in UHV Transmission and Distributiion	8 weeks
K Kumar	Advanced in UHV Transmission and Distributiion	8 weeks
E Sai Kumar	Advanced in UHV Transmission and Distributiion	8 weeks
K N Mahesh Babu	Advanced in UHV Transmission and Distributiion	8 weeks
G Dilli Babu	Introduction to Smart Grid	8 weeks
M. Tharun	Advanced in UHV Transmission and Distributiion	8 weeks
S Bhaskar	Advanced in UHV Transmission and Distributiion	8 weeks
C Pavan kumar	Advanced in UHV Transmission and Distributiion	8 weeks
K Rahul Disilva	Advanced in UHV Transmission and Distributiion	8 weeks
K Perumal	Advanced in UHV Transmission and Distributiion	8 weeks
Y Latha	Advanced in UHV Transmission and Distributiion	8 weeks

Students Toppers

The following is the list of Toppers for the academic year 2021-22 II semester.

S.No	Year	Reg No	Student Name	Percentage	RANK
1.	II YEAR	21755A0212	M.UMA	84.00	I
2.		20751A0259	V.LASYA	80.44	II
3.		21755A0208	K.VAMSI	79.78	III
4.	III YEAR	19751A0206	G.DILLI BABU	89.6	I
5.		20755A0214	Y.LATHA	88.8	II
6.		19751A0211	KARNAM KUMAR	87.7	III
7.	IV YEAR	19755A0209	G.HARSHITHA	87.5	I
8.		19755A0206	E.HARIKA	81.6	II
9.		18751A0208	B.GAYATHRI	79.25	III

Attended Games and Prizes/Awards received

Ms. B. Jenifer, I EEE participated in the 9 th District Tennis volley Ball Championship-2022-23 held at Adarsa Vidyamandir High School, Maruthi Nagar, Kurnool from 16-12-2022 to 18-12-2022 and won the first prize.



Ms. B. Jenifer, I EEE won first prize



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

AUTONOMOUS - NBA(CSE,ECE, MECH & MCA) ACCREDITED

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(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Ananthapuramu)

An ISO 9001:2015 Certified Institution

Dr. D.K. Audikesavulu Marg (Bangalore-Tirupati Bye-pass Road),

Murukambattu Post, CHITTOOR – 517 127

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