



Dr. D.K. Audikesavulu  
Founder Chairman

## e-NEWS LETTER

Department of Electrical and Electronics Engineering

Volume: XXI

Issue:2

July-December(2019)



Estd:1998

# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

## Editorial Board

### Patron

Dr. P. Ramesh Kumar  
Principal

### Chief Editor

Dr. U. Balakrishna  
Professor/S & H

### Editor

K. Gunavardhan  
Asst. Professor/EEE

### Faculty Advisors

1. Dr. V. Maheswari  
HOD-EEE
2. Dr. P. Nagaraju  
Mandadi  
Professor/EEE
3. Mr. Ramesh R.  
Halakurki  
Professor/EEE

### Students Members

- T. Chandrababu  
II EEE
- G. Harshitha  
II EEE
- K. Muni Goutham  
III EEE
- P. Himesh babu  
III EEE
- N. Yogesh  
IV EEE
- C. Prudhvi Yadav  
IV EEE

### Inside this issue

Events @ SITAMS  
Faculty achievements  
Student achievements

## CHAIRPERSON'S MESSAGE



Smt. D.A. Satyaprabha  
Chairperson

Our college is committed to foster the students and pursuit individual excellence through participation in full range of academic, cultural, social and physical activities and to make them evolve as all-rounder. To achieve this goal, several add on courses like training & placement, personality development, communication skills and other soft skills are provided by expert faculty.

SITAMS has the team of dedicated and highly qualified faculty who strives to widen the students' horizon of learning. We take special care on each student by helping them to taste success with high grades in a short span. Our college is also a venue of national, international and state level conferences, seminars and symposium.

I, with my esteemed academicians and budding technocrats, I wish all the best for achieving greater success and scaling newer heights in education and career ahead.

## TRUSTEE MESSAGE

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.



Sri. K. Ranganatham  
Advisor to the Principal Secretary  
Energy, Govt of AP

## PRINCIPAL'S MESSAGE



Dr. P. Ramesh Kumar  
Principal

SITAMS News letter broadcasts the information of the college and exhibits the hidden talents of the students and staff. It encloses the activities such as paper published, conferences attended and FDP by staff members and competitions won by the students and innovative projects carried out by them.

I take this opportunity to thank all the stakeholders for showing interest and continuous support. I extend my best wishes to all the students in their chosen career path and I am sure that the college will reach the zenith in the years to come and serve many more in the society.



**Dr. V. Maheswari**  
HOD - EEE

## 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.

## COLLEGE VISION

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

## 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 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.

## 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.



## EXTENSION OF AUTONOMOUS STATUS

The Standing Committee constituted by University Grants Commission (UGC) visited the college on 14-06-2019 and 15-06-2019 and decided to give extension of Autonomous status to Sreenivas Institute of Technology and Management Studies (SITAMS), Chittoor affiliated to JNTUA Ananatapur for a period of 5 years w.e.f. 2019-2020 to 2023-24.



Standing Committee visit for extension of Autonomous status (14-06-2019 & 15-06-2019)

## Governing Body meeting

The meeting of the Governing Body of SITAMS (Autonomous) held on 20-12-2019 (Friday) at 10-30 A.M. in the Conference Hall of the College. The following members attended the meeting i.e Smt. D.A. SathyaPrabha, Chairperson, Managing Trustee, Srinivasa Trust; Sri K. Ranganadham, Executive Vice-Chairman; Sri D.K. Badrinarayana, Member, Industrialist & Philanthropist; Sri G. Ramachandraiah, Member, Formerly Chief Engineer, Wadighan Project (Libya), Chittoor; Sri D.A. Srinivas, Member, Director, KBD Sugars and Distillers Ltd., Bangalore; Dr. B.S. Madhukar (UGC Nominee), Assessment Committee of Yoga Certification Board (YCB), Ministry of AYUSH; Dr. V. Venugopal Reddy (University Nominee) Professor & Head, Mechanical Engineering Dept., JNTUA College of Engineering, Pulivendula; Sri K. Padma Rao Member, Regional Joint Director of Technical Education, Tirupati; Dr. K.L. Narayana Member, Retd. Professor and former Principal S.V.U College of Engineering, S.V.University, Tirupati; Dr. S. Sreekanth Professor, MCA Dept; Prof. R.M. Sulthani Professor, ECE Dept; Dr. P. Ramesh Kumar Member Secretary, Principal Etc.



Governing Body Meeting(20-12-2019)

## State Level Volley Ball Tournament 2k19

SITAMS conducted State level Volley Ball Tournament 2k19 on 20th - 21st September 2k19 on the eve of 79th birth Anniversary of Late Sri D.K. Audikesavulu garu, Founder Chairman, SITAMS at SITAMS Sports Complex. Smt. D.A. Sathy aPrabha, Chairperson, SITAMS inaugurated the tournament. The Principal and the Vice principals of SITAMS distributed prizes to the students who have shown their outstanding Performance. Sri Vidyanikethan Engineering College A.Rangampet, Tirupathi secured first prize as a cash of Rs. 10,000/- and Sri Vignan Degree College Bangarupalem, Chittoor secured second prize as a cash of Rs.5,000/- respectively.



State level Volley Ball Tournament 2k19 on the eve of 79th birth Anniversary of Late Sri D.K. Audikesavulu garu, Founder Chairman, SITAMS(20-09-2020 & 21-09-2020)

## Alumni meet

SITAMS Alumni Association of Sreenivasa Institute of Technology and Management Studies (SITAMS) organized "RE-UNION" - a programme to facilitate, consolidate and coordinate Alumni Activities at SITAMS on 18-10-2019.



Alumni meet held on 18-10-2019

## Entrepreneurship Development Cell

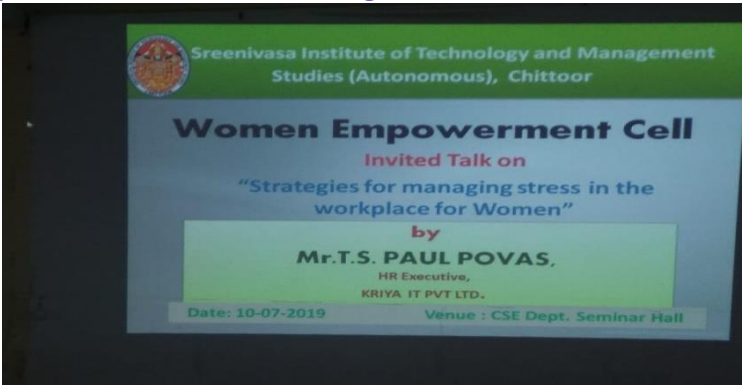
A 3-Day Entrepreneurship Awareness Camp (EAC) was organized by Entrepreneurship Development Cell from 14th October, 2019 to 16th October 2019, sponsored by EDII, DST-NIMAT. The program was inaugurated by the Chief Guest Mr.G.Murali, Regional Officer, APITCO, Chittoor, Dr.P.Ramesh Kumar, Principal, Sreenivasa Institute of Technology and Management Studies, and Dr.K.Sudarsan, Coordinator of Entrepreneurship Development Cell.



A 3-Day Entrepreneurship Awareness Camp(14-10-2019 to 16-10-2019)

## Women Empowerment Cell

An awareness programme "Stress Management at the working place" was organized by Women Empowerment Cell on 10th July, 2019 in the Seminar Hall of ECE department. Mr. T.S. Paul Povas HR Executive, KRIYA IT PVT LTD., gave awareness on Strategies for managing stress in the work place for women. All the girl students of B.Tech, MBA and MCA participated for the programme.



An Awareness Programme "Stress Management at the working place" (10-07-2019)

"Self Defense" Programme was organized by Women Empowerment Cell on 19th July, 2019, at Indoor Stadium of SITAMS. Mr. Sundaramoorthy, Karate Master, Chittoor gave awareness through practical session. All the final year B.Tech, MBA and MCA girl students participated in the programme.



Self Defense Programme (19-07-2019)

An awareness camp titled: "Anti Sexual Harassment" was organized by Women Empowerment Cell on 7th December, 2019 in coordination with Police Department, Chittoor Sub-Division at SITAMS Gallery. In this connection, essay writing competition was conducted in view to get awareness on women and child empowerment. Prize distribution was held at Nagaiah kalakshtram, Chittoor on the hands of Sri Sendhil Kumar IPS, the superintendent of Police, Chittoor.



An Awareness camp "Anti Sexual Harassment" (07-12-2019)



Independence Celebrations (15-08-2019)



Teachers day Celebrations(05.09.2019)



Engineer's day Celebrations(15.09.2019)



Sri D.K Audikesavulu, chairman & founder  
and D.A.Sathyapraba, chairperson  
Birth anniversary(21.09.2019)



National Education day(11.11.2019)



Children's Day Celebrations(13.11.2019)



National Mathematics day(20.12.2019)

## 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.



International Yoga Day Celebrations  
(21-06-2019)



Provide Fruits, Bread and Milk to orphans in  
Old Age Home (Ammavodi Ashramam)  
(11-07-2019)



Tree Plantation in SITAMS  
(12-07-2019)



Provided Note Books to Orphan Students who  
are staying in Amma Vodi Ashramam  
(17-07-2019)



**Anti Ragging Awareness to Students  
by Chittoor Police Department  
(23-07-2019)**



**NSS Volunteers Participated in Trees  
Distribution conducted by Forest Dept,  
Chittoor (01-08-2019)**



**Tree Plantation in SITAMS Hostel  
(08-08-2019)**



**mPassPort APP Awareness to Students  
(24-07-2019)**



**Independence Day Celebrations  
(15-08-2019)**



**Student Kit Distribution to Poor  
Students who are studying in Govt. Schools in  
around Chittoor(19-08-2019)**





Participated in Awareness Program on "Our Safety in Our Hands" conducted by Chittoor Police Dept (13-09-2019)



Blood Donation Camp (21-09-2019)



NSS Foundation Day Celebrations (24-09-2019)



Campus Clean to make Plastic Free Campus (01-10-2019)



Tree Plantation and Distribution (01-10-2019)



Participated in Painting and Quiz Competitions conducted by AP Forest Dept on the eve of "Wild Life Week Celebrations". Won First Prize in Painting by Moneesh II-CSE(03-10-19)



**Quiz and Elocution Competitions  
on the eve of Dr.APJ.Abdul Kalam Birthday  
(15-10-2019)**



**NSS Volunteers participated in  
Awareness Program conducted by Police  
Department, Chittoor  
(18-10-2019)**

### *Guest Lecture conducted*

S.No	Name of The Resource Person	Designation	Title of the Lecture	Date
1.	Dr. V. SANKAR	PROFESSOR, JNTUACEA, ANANTAPURAMU	Awareness On DLR/SDP/FDPs for Career Opportunities in Power Sector with NPTI	24-07-2019

## *Faculty Achievements*

### *Papers Published*

SN	Name of the Faculty	Particulars National/ International Seminars/Conference	Title	Institution	Date
1	Dr.V.Maheswari	ICAECSS 2019	Direct Torque controlled Induction Motor Drive Using Super lift convertor performance Improvement.	Sisha 'o'Anusandhan, Demed to be University, Bhubaneshwar	09.11.2019
2	Dr.P.Elangovan	ICAECSS 2019	Enhanced and energy efficient program scheduling for heterogeneous multi core processor system.	Sisha 'o'Anusandhan, Demed to be University, Bhubaneshwar	09.11.2019
3	Mr.K.Gunavardhan	IJEAT(JOURNAL)	Effective Photovoltaic Integration and Power Quality Improvement on Parallel Feeders using Dynamic Multi Converter Controller	Scopus ISSN: 2249 – 8958, Volume-9 Issue-1	October 2019

4	Mr.K.Gunavardhan	IJAST(JOURNAL)	A Convolution Neural Network (CNN) based Deep Learning Neural Network Forecast Model for Wind Energy Prediction	Scopus Vol. 28, No. 19, (2019), pp. 141-150	NOV 2019
5	Ms.C.L.Sravanthi	National conference	A New Hybrid Boosting Converter for closed loop control method of Renewable energy Applications	CVR college of engineering Telangana.	8.11.2019 & 9.11.2019
6	Ms.E.Neeraja	National conference	A New Hybrid Boosting Converter for closed loop control method of Renewable energy Applications	CVR college of engineering Telangana.	8.11.2019 & 9.11.2019
7	Ms.D.Sraswathi	National conference	A New Hybrid Boosting Converter for closed loop control method of Renewable energy Applications	CVR college of engineering Telangana.	8.11.2019 & 9.11.2019

### *FDPs/Workshops Attended*

S.No	Name of the Faculty and Designation	Particulars QIP Programmes, Seminars/ Workshops	Title	Institution	Date
1	Dr.V.Maheswari	IEEE	Embedded system using 8051 Microcontroller /Arduino	Er.Perumal Manimegalai College of Engineering.	10.07.2019-11.07.2019
2	Dr.V.Maheswari	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019
3	Ms.C.L.Sravanthi	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019
4	Ms.E.Neeraja	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019
5	Ms.D.Sraswathi	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019
6	Dr.Nagaraju Mandadi.P	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019
7	Mr. L. Sagar	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019
8	Mr. N.C. Alluraiah	STTP	Application of lab view PSCAD MATLAB for Electrical and Electronics Engineering	SVCET,Chittoor	21.10.2019 26.10.2019

# Students Achievements

## Webinars/Workshops Attended

SN	Name of the Student	Year	Particulars Seminars/ symposiums/Worksho	Title	Institution	Date
1	M.Shalini	II	Symposiums (E-BLAZE-2019)	Renewable Energy sources	SV University	18.10.2019
2	S.Sandhya	II	Symposiums (E-BLAZE-2019)	Renewable Energy sources	SV University	18.10.2019
3	B.Gayathri	II	Symposiums (E-BLAZE-2019)	Paper Batteries	SV University	18.10.2019
4	B.Pooja Sree	II	Symposiums (E-BLAZE-2019)	Paper Batteries	SV University	18.10.2019
5	A.Nandhini	II	Symposiums (E-BLAZE-2019)	Peace Makers	SV University	18.10.2019
6	P.Aswini	II	Symposiums (E-BLAZE-2019)	Peace Makers	SV University	18.10.2019
7	K.Jaya sree	II	Symposiums (E-BLAZE-2019)	Peace Makers	SV University	18.10.2019
8	R.Samuel Johnso	II	Symposiums (E-BLAZE-2019)	Semi conductivity	SV University	18.10.2019
9	D.Vivek	II	Symposiums (E-BLAZE-2019)	Semi conductivity	SV University	18.10.2019
10	P.VenkataSai Ra	II	Symposiums (E-BLAZE-2019)	Hydel Power Plan	SV University	18.10.2019
11	M.Chandhu	II	Symposiums (E-BLAZE-2019)	Hydel Power Plan	SV University	18.10.2019
12	R.HimaBindu	II	Workshop	PCB design	SV University	08.07.2019
13	N.Sony	II	Workshop	PCB design	SV University	08.07.2019
14	G.Jyothi	II	Symposiums (E-BLAZE-2019)	Organic LED	SV University	18.10.2019
15	C.Swapna	II	Symposiums (E-BLAZE-2019)	Organic LED	SV University	18.10.2019

## Students Toppers

The following is the list of Toppers for the academic year 2018-19 II semester.

S N	Year	Reg No	Student Name	GPA	RANK
1.	I YEAR	18751A0240	P.SAIPOORNASNIGDA	9.56	I
2.		18751A0238	P.HARSHA SREE	9.01	II
3.		18751A0208	B.GAYATHRI	8.65	III
4.	II YEAR	18755A0236	P KAVYA	8.81	I
5.		17751A0222	KALATHURU MUNI	8.80	II
6.		17751A0221	K PRAVEENA	7.92	III
7.	III YEAR	17755A0202	C PRUDHVI YADAV	8.60	I
8.		17755A0209	R THEJA	8.15	II
9.		16751A0209	N YOGESH	8.11	III
10.	IV YEAR	16755A0212	P.BHARGAVI	9.17	I
11.		16755A0209	L REDDI SEKHAR	8.20	II
12.		15751A0231	S.SOWMYA	8.12	III

# PLACEMENTS

S.No.	Roll No.	Name of the Student	UG/ PG	Branch/ Specialization	Company Name	Package (LPA)
1	16755A0209	REDDI SEKHAR	UG	EEE	Cognizant Technology Solutions	3.38
2	15751A0226	POLA LIKHITH	UG	EEE	Go Speedy Go	2.4
3	15751A0231	S SOWMYA	UG	EEE	Go Speedy Go	2.4
4	15751A0227	PULIGUNDLA KUSHAL KUMAR	UG	EEE	Just dial	2
5	15751A0202	ANIKEKALVA NARASIMHA REDDY	UG	EEE	Prime Gases Pvt. Ltd., Hosur	1.4
6	15751A0213	J HEMANTH	UG	EEE	Prime Gases Pvt. Ltd., Hosur	1.4
7	15751A0227	KUSHAL KUMAR	UG	EEE	Hinduja global Solutions	1.74
8	15751A0231	SOWMYA SEKHAR	UG	EEE	Hinduja global Solutions	1.74
9	15751A0209	E BHARATH	UG	EEE	Fission Infotech (BDE Intern)	1.4
10	15751A0227	KUSHAL KUMAR	UG	EEE	Qspiders-Jspiders	Training
11	15751A0231	SOWMYA SEKHAR	UG	EEE	Rajaguru Spinning Mills	1.5
12	15751A0204	DEEPIKA C	UG	EEE	Rajaguru Spinning Mills	1.5
13	15751A0205	PRAVALLIKA D R	UG	EEE	Rajaguru Spinning Mills	1.5
14	16755A0204	G BALAJI	UG	EEE	Rajaguru Spinning Mills	1.5
15	15751A0227	KUSHAL KUMAR P	UG	EEE	Rajaguru Spinning Mills	1.5
16	16755A0212	BHARGAVI P	UG	EEE	Rajaguru Spinning Mills	1.5
17	15751A0212	GOSU MANJULA	UG	EEE	FLEX LTD., CHENNAI	1.5
18	15751A0214	K PAVANI PRIYA	UG	EEE	FLEX LTD., CHENNAI	1.5
19	15751A0219	KUNEPALLI TEJASWINI	UG	EEE	FLEX LTD., CHENNAI	1.5
20	15751A0231	S SOWMYA	UG	EEE	FLEX LTD., CHENNAI	1.5
21	15751A0235	YAMMANURU AMALA	UG	EEE	FLEX LTD., CHENNAI	1.5
22	16755A0211	NAKKALABHARGAVI	UG	EEE	FLEX LTD., CHENNAI	1.5
23	16755A0212	PANDUGAYALA BHARGAVI	UG	EEE	FLEX LTD., CHENNAI	1.5
24	13751A0202	A ILLIYAS	UG	EEE	Delphi TVS	1.5
25	13751A0202	A MURALI	UG	EEE	Delphi TVS	1.5
26	15751A0205	D R PRAVALIKA	UG	EEE	Delphi TVS	1.5
27	15751A0206	DHATHIKA KARTHIK	UG	EEE	Delphi TVS	1.5
28	15751A0213	J HEMANTH	UG	EEE	Delphi TVS	1.5
29	15751A0218	KUMARA SWAMY YASWANTH	UG	EEE	Delphi TVS	1.5
30	15751A0225	PAGALA RAJU	UG	EEE	Delphi TVS	1.5
31	15751A0227	PULIGUNDLA KUSHAL KUMAR	UG	EEE	Delphi TVS	1.5
32	16755A0207	KOTTAPALLE VENKATA SAI KUMAR REDDY	UG	EEE	Delphi TVS	1.5



## **SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**

**AUTONOMOUS - NAAC ACCREDITED**

Awarded 'A' Grade by Technical Education, Government of Andhra Pradesh  
(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**

**Contact :08572-246299**

**Website:www.sitams.org**

