



# Sreenivasa Institute of Technology and Management Studies

AUTONOMOUS-NAAC ACCREDITED  
Chittoor-517127, Andhra Pradesh

## NEWS LETTER

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### Department of Electronics and Communication Engineering



Project Expo

Worlds Space day

IETE

MoU- IIIC

Industrial Visit

Patron: Dr. P. Ramesh Kumar  
Principal

Chief Editor: Dr. U. Balakrishna  
Professor / S&H

Editor: Mr. G.Balakrishna  
Assistant Prof / ECE

#### 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 re sources 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 / In-

#### PRINCIPAL'S DESK

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.



Dr. P. Ramesh Kumar  
Principal

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.

#### DEPARTMENT VISION

To become a center of excellence in Electronics and Communication Engineering and provide necessary skills to the students to meet the challenges of industry and society.

#### DEPARTMENT MISSION

- ◆ Provide congenial academic ambience with necessary infrastructure and learning resources
- ◆ Inculcate confidence to face and experience new challenges from industry and society.
- ◆ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ◆ Foster Enterprising spirit among students

#### MESSAGE OF HOD



Prof. Dr.M.Saravanan  
HOD /ECE

Education is what removes our doubts and fears; what makes us happy and peaceful; what makes us better human beings” In today's world, everyone aims for a fast-track career. The key requirements for career growth are continuous learning, improving one's skill-sets and being competent. We can either learn from our mistakes or from other people's experiences and teachings. This edition will comprise the achievements by faculty members and students and also, the events that took place in the department.

#### Activities

- \* Project Expo
- \* World Space Week
- \* Industrial Visit
- \* National Service Scheme (NSS)
- \* Professional Society Activity
- \* Tie-Ups With Organization
- \* Guest Lectures
- \* International Conference
- \* Faculty Achievements
- \* Student Achievements

SITAMS International Conference on Innovations in Engineering, Technology and Sciences (SICIETS-2018) On 28<sup>th</sup> & 29<sup>th</sup> October 2018



#### Congratulations

Prathibha Awards 2018 winner (Students Receives Prathibha Awards for the Academic Excellence. This is the prestigious award by the government of Andhra Pradesh )



S. Sangeetha  
(14751A04C5)

*“Don't let what you cannot do interfere with what you can do.”*

## Events

### Project Expo

"Project Expo-2k18" was conducted in all the departments of Engineering Stream on the occasion of



Founder Chairman Dr.D.K.Audikesavulu Gari Jayanthi. Smt. D.A. Satyaprabha, Chairperson was the Chief Guest and Sri K. Ranganatham Garu, Trustee, Srinivasa Trust was the Guest of Honour. On this occasion students of our college exhibited more than two hundred and fifty innovative project models in Electronics, Electrical, Computers, Civil and Mechanical Engineering streams for two days on 21<sup>st</sup> and 22<sup>nd</sup> September 2018 .

PROJECT EXPO in memory of Founder Chairman Dr .D.K. AUDIKESAVULU Gari Jayanthi (21-09-2018 & 22-09-2018)

### World Space Week

"World Space Week-2018" was organized at Sreenivasa Institute of Technology and Management Studies in association with Satish Dhawan Space Centre(SDSC) SHAR from 4<sup>th</sup> to 8<sup>th</sup> October 2018. Prof. S. Varadarajan, Secretary APSCHE, Sri. P.S. Pradyumna I.A.S, District Collector, Chittoor was the Distinguished Guests , Smt. D.A. Sathya Prabha, Chairperson was the Guest of Honour and Presided over by Sri. V. Nagaraju, General manager, VALF,ISRO,SDSC-SHAR,Sriharikota.



World Space Week-2018 Celebrations in association with Satish Dhawan Space Centre(SDSC)SHAR (04-10-2018 to 08-10-2018)

### Professional Society Activity

Dept of ECE, Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor, AP, organized a one-day seminar on "Recent Trends in Communications" on Oct 15, 2018. The event was chaired by Dr P.Ramesh Kumar, Principal. The Chief Guest was Dr V



Ravi Kiran, EC member, IETE Tirupati Centre (Scientist, National Atmospheric Research Laboratory (NARL), Dept. of Space) who delivered a technical talk on "Current Trends in Communication", which was well received. The programme was organized by Dr M Saravanan, HoD and coordinated by Smt V G Hamsaveni.Principal, Dr P Ramesh Kumar appreciated the efforts of the team. The valedictory function was handled by Dr P Ramesh Kumar and vote of thanks was proposed by Smt VG Hamsaveni.

### Tie-Ups With Organization

MoU was signed between Department of ECE, SITAMS and Vignan Technologies, Tirupathi, A.P on 7 -09-2018, at SITAMS in the august presence of Dr.M.Saravanan, HOD/ ECE and Mr. K.Venkata



MoU with Vignan Technologies, Tirupathi (7-09-2018)

kamesh ,Director Vignan Technologies, Tirupathi .Through this MoU, seminars, workshops, inplant trainings and internships could be organized for the students. K.venkata kamesh interacted with the students about the importance of communication, ongoing projects, and job openings.

### Industrial Visit



Visit to NARL(16-07-2018)

Department organized as Industrial visit for the IV B.Tech students to SHATISH DAWAN SPACE CENTER (SDSC) SHAR, SRI-HARIKOTA, Nellore . On 16th of July 2018. Mentored by Dr.S.Vijayakumar, Mr.S.Gopal, Mrs B.M.R.Manasa and Ms.G.Mounika with 120 members .

### Guest Lectures

The Department has organized A Guest Lecture on "Current Trends of Networking Concepts in Communication" by Dr. Jayaprakasam, Professor / ECE, The Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana on 15th October 2018 for III year ECE students In Association with IEEE Product Safety Engineering Society.



The Department has organized A Technical Talk on on "Renewable Energy Products for Ecological Safety" by Dr. Jayaprakasam, Professor / ECE, The Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana on 12th October 2018 for IV year ECE students In Association with IEEE Product Safety Engineering Society



A Technical Talk on on "Renewable Energy Products for Ecological Safety (12-10-2018)

## Seminar

The Department has organized A Seminar & interactive session on "Technovations" by Dr. Jayaprakasam, Professor / ECE, The Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana on 12th October 2018 for IV year ECE students In Association with IEEE Product Safety Engineering Society.



Seminar & interactive session on "Technovations" (12-10-2018)

## 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.



Awareness Program for Govt. School children, Doddipalli Village, Chittoor about Higher studies, Internet applications and Health Tips. (13-07-2018)



Awareness Program for Govt. School children, Cherlopalli Village, Chittoor about Environment and Higher studies



Tree saplings were distributed for students by DFO Srinivasulu, Chittoor as part of Vanam Manam Program (26-07-2018)



Plantation Awareness Rally by distributing tree saplings (04-08-2018)



NSS Special Camp in Chithapara Village, Gudipala (MD), Chittoor (08-08-18 To 14-08-2018)



Independence day celebrations (15-08-2018)

## Ph.D Awarded

Mr.K.Gopi, Associate Professor,ECE, Sreenivasa Institute Of Technology And Management Studies was awarded Doctorate of Philosophy,(Ph.D), during 56th & 57th of S.V.University,Tirupati. Mr.K.Gopi, has carried out his doctoral research under the guidance of Prof. Dr.T.Ramashri. Professor, Department of ECE,S.V.University, Tirupati

# Faculty Achievements

## Workshops/Seminars/QIP/Refreshment Courses Attended

S. No	Name of the Faculty	Topic	National/ Inter National	Venue
1	Dr. K.GOPI	WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
2	Dr.P.Sudheer	WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP:A three day national level workshop on Industrial applications of electrical engineering	National	SVUCE
		Online program:Advance Pvsyst Training & Industry Insights online Program	International	online
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		CONFERENCE:Performance Improvement in 100KW Photovoltaic grid connected system with irradiation & temperature condition	International	SITAMS
		CONFERENCE:Hybrid colour infrared image edge detection using RGB-YcbCr image fusion	International	SITAMS
3	Dr.S.Vijayakumar	WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
4	Balakrishna.G	WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		SITAMS International Conference on Innovations in Engineering, Technology and Science (SICIETS-18)	International	SITAMS
5	G.MOUNIKA	WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		Conference: IoT Architecture for water leakage in Tunnel analysis and monitoring using cloud platform	International	SITAMS
6	Mrs.V.G.Hamsaveni	Home Automation using IoT	National	SITAMS
		WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		IoT Architecture for water leakage in Tunnel analysis and monitoring using cloud platform	International	SITAMS
		Identification and classification of defects at different leather processing stages using vision based system	International	SITAMS
7	Dr.C.Kavitha	WORKSHOP: Home Automation using IoT	National	SITAMS
		WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		Conference: IoT Architecture for water leakage in Tunnel analysis and monitoring using cloud platform	International	SITAMS
		Conference:Identification and classification of defects at different leather processing stages using vision based system	International	SITAMS
8	Mrs.N.Keerthi	Home Automation using IoT	National	SITAMS
		IoT Architecture for water leakage in Tunnel analysis and monitoring using cloud platform	International	SITAMS
9	Mr.M.Mohan Babu	WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		CONFERENCE:Performance Improvement in 100KW Photovoltaic grid connected system with irradiation & temperature condition	International	SITAMS
10	Mr.S. GOPAL	WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		SITAMS International Conference on Innovations in Engineering, Technology and Science (SICIETS-18)	International	SITAMS CHITTOOR
11	Mr.S.Ashmad	WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		CONFERENCE:Performance Improvement in 100KW Photovoltaic grid connected system with irradiation & temperature condition	International	SITAMS
12	Mrs.B.Supriya	Home Automation using IoT	National	SITAMS
		Identification and classification of defects at different leather processing stages using vision based system	International	SITAMS
13	Dr. Y.Murali Mohan Babu	CONFERENCE: SITAMS International Conference on Innovations in Engineering, Technology and Sciences - 2018 (SICIETS-2018)	International	SITAMS
		WORKSHOP: Indian Patent Laws and Patent Filing Process	National	SITAMS
		WORKSHOP: How to write a Research Paper & Research Proposal	National	SITAMS
		Seminar: Formulation of Research Proposals	National	SITAMS

## Students Achievements

### Students Toppers

I B. Tech II Sem(2017-18)					
Rank	ROLL NO	Name of Student	Organization	CGPA	Duration
1	15751A04F8	T. Monesh Kanth	ASIA-PACIFIC Innovation Academy, Shenzhen, China	9.18	19th July 19 to 9th Aug
2	15751A04B4	P. Shalini	Bharat Sanchar Nigam Limited, Tirupati	9.05	9th June to 3rd July
3	15751A04E6	S.R. Muzahid Basha	Bharat Sanchar Nigam Limited, Tirupati	9.73	9th June to 3rd July
4	15751A04E8	S. Sandhya	Bharat Sanchar Nigam Limited, Tirupati	9.18	9th June to 3rd July
III B. Tech II Sem(2017-18)					
Rank	Student Name			CGPA	
I	S R Muzahid Basha			9.4	
II	C Mounika			9.05	
III	S Lavanya			8.7	
IV B. Tech II Sem(2017-18)					
Rank	Student Name			CGPA	
I	Gownivari Chandupriya			9.61	
II	S Sangeetha			9.61	
III	P. Kamakshi			9.35	

### Papers presented/ Attended workshop/conference

Name Of The Student	Venue	Workshop/Paper Presentation/Technical Quiz/Circuit Debugging	Title	Date	Prize
R. DEEPA	SITAMS	National Level Workshop	Ensuing Needs And Opportunities Of Nanotechnology In Engineering	22/12/2018	Participated
G. BALAJI	ST. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI	National Level Workshop	IOT And Drones	21/12/2018 to 22/12/2018	Participated
B. HARISH	ST. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI	National Level Workshop	IOT And Drones	21/12/2018 to 22/12/2018	Participated
B. VEKANTESH	ST. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI	National Level Workshop	IOT And Drones	21/12/2018 to 22/12/2018	Participated
V. GEETHIKA	SITAMS	Work Shop	Sdsc Shar Isro In World Space Weeek	4/10/2018 TO 10/10/2018	Participated
V. GEETHIKA	SITAMS	National Level Workshop	Ensuing Needs And Opportunities Of Nanotechnology In Engineering	22/12/2018	Participated
D. DHARANI	SITAMS	Work Shop	Sdsc Shar Isro In World Space Weeek	4/10/2018 TO 10/10/2018	Participated
C. JALAJA	SITAMS	Work Shop	Sdsc Shar Isro In World Space Weeek	4/10/2018 TO 10/10/2018	Participated

#### Faculty Advisors

Dr. M. Sarvanan  
Professor&HOD/ECE  
Dr. Y. Murali Mohan Babu  
Professor/ECE  
Dr. P Nagaraju Mandadi  
Professor/ECE

#### Student Co-ordinators

G BALAJI  
II ECE  
NEELAM MAHALAKSHMI  
II ECE  
S SAI LOKESH  
II ECE  
C. Jalaja  
III ECE  
P N SIREESHA  
III ECE  
S LAVANYA  
IV ECE