



Sreenivasa Institute of Technology and Management Studies
AUTONOMOUS-NAAC ACCREDITED
Chittoor-517127, Andhra Pradesh

Department Of Electronics And Communication Engineering

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OUR INSPIRATION



Dr. D.K. Audikesavulu
Founder Chairman



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ABOUT COLLEGE

Sreenivasa Institute of Technology and Management Studies (SITAMS) was established in Chittoor in 1998 by **Late Sri D.K. Audikesavulu**, former MP and Chairman, Tirumala Tirupati Devasthanams (TTD). The college is Affiliated to JNTUA Anantapuramu, Certified by NAAC, Bangalore and **Autonomous** status sanctioned by UGC, New Delhi from the academic year 2013-14. SITAMS is awarded as **GRADE-A** by APSCHE Government of Andhra Pradesh and an **ISO 9001:2015** certified Institution. The college has 5 B.Tech courses ECE, CSE, MECH, EEE, CIV and also PG courses MCA, MBA and M.Tech.

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.

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. P. Ramesh Kumar
Principal

COLLEGE VISION

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

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.

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 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

Events

Annual day

The Annual Day was celebrated on **10th March 2017**. Prof. Kuderu Rajagopal, Vice Chancellor, JNTUA was the Chief Guest and Sri K. Ranganatham Garu, Trustee, Srinivasa Trust was the Guest of Honour. Chief Guest, Guest of Honour & Principal distributed awards to the students for their outstanding performances besides Staffs and Students were awarded for their achievements in Sports.



Annual day(SITAMS VAIBHAV 2K17) (10-03-2017)

Industrial visits

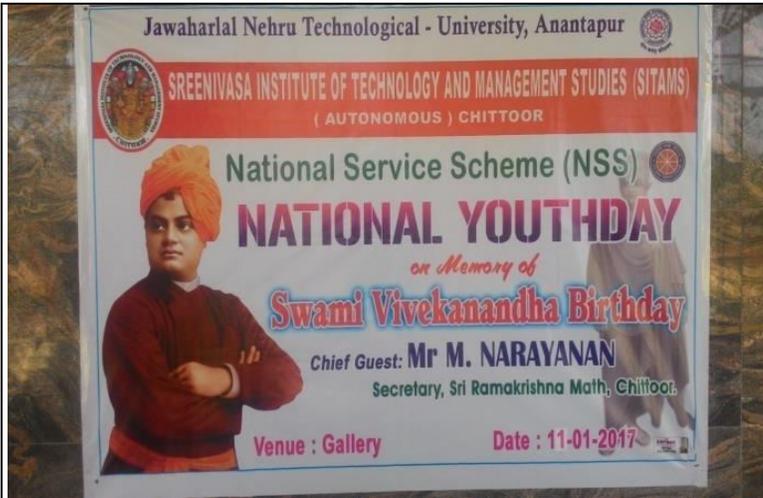
Visited ISRO SDSC-Sriharikotta with 120 students of final year ECE on 21.04.2017.

Workshops/Conferences/Symposiums/Guest lecturers

| Professional Society/ Chapters/ Organisation | DATE | EVENT & TITLE | RESOURCE PERSON | No. of students attended |
|---|--------------------------------|---|---|--------------------------------|
| National Level Workshop on Off –Campus IIRS Outreach Programme | 10-04-2017 To 20-04-2017 | Microwave Radar Remote Sensing And Its Applications | IIRS/ISRO DEHRADUN SITAMS | 65 |
| National Level Workshop | 10-04-2017 | Popularisation Of Remote Sensing Based Maps & Geospatial Information | Organised By ISRO & ISRS | 128 |
| Workshop | 23-01-2017 | Career Opportunities in Medical Electronics & Heath Safety | N.Nandakumar Prime Biomedical Systems, Tirupur | 105 |
| Workshop | 10-04-2017 To 27-04-2017 | Microwave Radar, Remote Sensing and its Applications | Participation of students and faculty in WEB TELECAST | 185 |
| IIRS-ISRO | 10-04-2017 To 28-04-2017 | 20 TH IIRS OUTREACH Programme | Participation of students and faculty in WEB TELECAST | 100 |
| PLACEMENT & TRAINING | 11-01-2017 | TRAINING | Mrs. Mala B S, Experis IT (IBM) India Pvt. Ltd., | 04 |
| PLACEMENT & TRAINING | 15-02-2017 | TRAINING | MrAnand, Glenwood Systems | 04 |
| PLACEMENT & TRAINING | 11-01-2017 | TRAINING | Full Creative, Chennai | 04 |
| PLACEMENT & TRAINING | 05-01-2017 | TRAINING | Robert Bosh Engg Services, Coimbatore | 03 |

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.



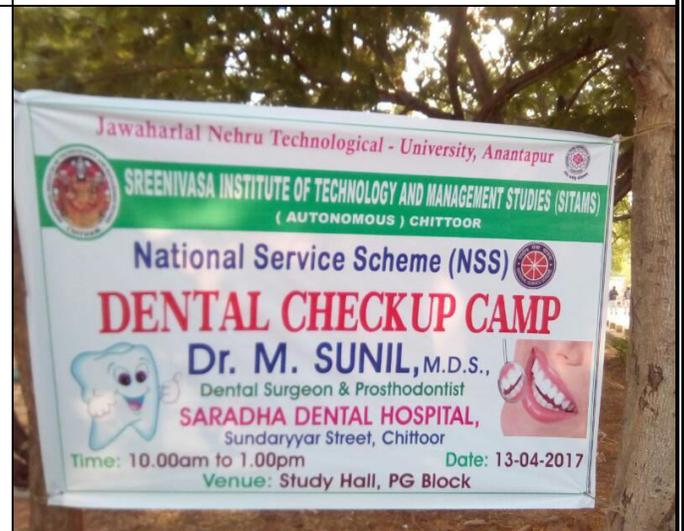
**National Youth Day celebrations
(12-01-2017)**



**International Women's Day Celebrations
(08-03-2017)**



**Special Camp Conducted in the Village
"Veppalamanu chenu", Gudipala, Chittoor
(13-03-2017 To 19-03-2017)**



**Dental Checkup Camp
(13-04-2017)**

Faculty Achievements

Papers Published

1. **Dr.S.Vijayakumar**, “High Speed Low Area and Energy Efficient 32 bit Carry Skip Adder using verilog HDL”, *IJERECE*, pp. 206-209, March 2017.
2. **Dr.S.Vijayakumar**, “Area and Energy Efficient 32 bit CSKA using Verilog HDL”, in Proceedings of *ICETEST-17*, pp. 53, Sri Venkateswara University College of Engineering, Tirupati, 18th – 20th March 2017.
3. **Mr.K.Gopi**, DICOM IMAGE COMPRESSION FOR TELEMEDICINE BASED ON REGION OF INTEREST International journal of engineering research in electronics and communication engineering, 4(3) 3rdMarch 2017
4. **K.M.Hemambaran**, DICOM IMAGE COMPRESSION FOR TELEMEDICINE BASED ON REGION OF INTEREST,International journal of engineering research in electronics and communication engineering, 4(3) 3rdMarch 2017
5. **Mr.K.Gopi**, Design and Analysis of Wallace Tree Multiplier for CMOS and CPL Logic, International Conference On Computation Of Power, Energy, Information And Communication (Iccpeic)
6. **Mr.K.Yogaprasad**, Meandered Shaped Microstrip Feed Antenna for Ku-Band Applications, *IJMPERD*,8(2),pp.276-280.

FDPs/Workshops Attended

| Sl.No. | Name of the Faculty with Designation | Name of the Program with dates | Type of Program (Workshop/Seminar/Conference/Short term Program) | Hosting Institution | OUTCOME achieved | Impact of Program |
|--------|--|---|--|--|--|---|
| 1 | Dr.S.Vijaya kumar Associate Professor | Career Opportunities in Medical Electronics & Heath Safety 23.01.2017 | Guest lecture | Prime Bio Medical Systems Tirupur SITAMS Chittoor | Conducted technical talk on Medical Electronics & Heath Safety. | Acquired knowledge Medical Electronics & Heath Safety |
| 2 | Dr.K.Gopi. Assoc.Professor | DICOM Image compression for telemedicine based on Region of interest 18 th -20 th March 2017 | International conference | Sri venkateswara university college of engineering | Conducted seminar on DICOM Image compression | Acquired knowledge on DICOM Image compression |
| 3 | Mrs.V.G.Hamsaveni, Assoc.Professor | Microwave RADAR remote sensing and its applications 10-04-2017 &27-04-2017 | Short term program | IIRS SITAMS | Conducted seminar on Microwave RADAR remote sensing and its applications | Acquired knowledge on Microwave RADAR remote sensing and its applications |

| | | | | | | |
|---|---|--|-----------------------------|---|---|---|
| 4 | KARNAM MADHURANTHAKAM HEMAMBARAN Asst. Professor | Microwave radar remote sensing and its applications 10-4-2017 & 27- 04-2017 | Add on course | Guest lecture (Dr.V R Anitha SVCE Tpt) | Conducted seminar on Microwave RADAR remote sensing and its applications | Acquired knowledge on Microwave RADAR remote sensing and its applications |
| 5 | KARNAM MADHURANTHAKAM HEMAMBARAN Asst. Professor | Signal and image processing 02- 03-2017&04-03- 2017 | Add on course | TEQUIP S.V.UNIVERSITY, TIRUPATI | Conducted talk on Signal and image processing | Acquired knowledge on Signal and image processing |
| 6 | KARNAM MADHURANTHAKAM HEMAMBARAN Asst. Professor | Dicom Image Compression For Telemedicine Based On Region Of Interest 20-03-2017 | International conference | TEQUIP S.V.UNIVERSITY, TIRUPATI | Conducted seminar on Dicom Image Compression For Telemedicine | Acquired knowledge on Dicom Image Compression For telemedicine |
| 7 | BALAKRISHNA.G ASSISTANT PROFESSOR | Microwave Radar Remote Sensing And its Applications 10-04-2017to 27- 04-2017 | Seminar(attended | IIRS/ISRO DEHRADUN SITAMS CHITTOOR | Conducted seminar on Microwave Radar Remote Sensing And its Applications | Acquired knowledge on Microwave Radar Remote Sensing And its Applications |
| 8 | Mr. S GOPAL Assistant Professor | Microwave Radar Remote Sensing And its applications 10-04-2017 & 27-04-2017 | SEMINAR | IIRS/ISRO DEHRADUN SITAMS CHITTOOR | Conducted seminar on Microwave Radar Remote Sensing And its Applications | Acquired knowledge on Microwave Radar Remote Sensing And its Applications |
| 9 | Mr.SREEKARAM JAGADEESH Assistant Professor | ISRO(Microwave Radar Remote Sensing and its Applications) 10- 4-2017&27-4- 2017 | seminar | SITAMS CHITTOOR | Conducted seminar on Microwave Radar Remote Sensing And its Applications | Acquired knowledge on Microwave Radar Remote Sensing And its Applications |

Industry - Institute Interaction, Guest Lecture by faculty to other organizations

Dr.S.Vijayakumar, Assoc. Professor/ECE, Juried the Conference “**International Intellectual Convergence on Advances in Science and Engineering (IIASE 2017)**” on 4th March 2017 at Aalim Muhammed Salegh College of Eng., Chennai

Dr.S.Vijayakumar, Assoc. Professor/ECE, delivered a technical talk on “**Challenges and Importance of E-waste Management and Environment Issues**” on 8th April 2017 at Priyadarshini Engineering College, Vaniyambadi, Tamilnadu.

Dr.S.Vijayakumar, Assoc. Professor/ECE, Juried “National Level Project Design Contest – 2017 (PDCON’17)” on 28th February 2017 at Mahendra Engineering College (Autonomous), Mallasamudram, Namakkal, Tamilnadu

Dr.S.Vijayakumar, Asso.Professor/ECE, delivered a technical talk on “**Renewable Energy Sources for Ecological Safety**” on 28th February 2017 at Mahendra Engineering College (Autonomous), Mallasamudram, Namakkal.

Dr.S.Vijayakumar, Asso.Professor/ECE, delivered a technical talk on “**The Important of Renewable Energy for Forthcoming Generation and Ecological Safety**” on 4th February 2017 at Vetri Vinayaka College of Engineering and Technology, Thottiam – 621 215, Trichy Dt.

Dr.V.Jayaprakasan, Asso.Professor/ECE, delivered a technical seminar talk on “**Challenges and Importance of E-waste Management and Environment Issues**” on 20th April 2017 at Narayana Engineering College, Nellore–524004, Andhra Pradesh.

Dr.V.Jayaprakasan, Asso.Professor/ECE, as a Chief Guest, inaugurated and delivered the key-note address on “**Challenges and Importance of Electronics Waste Management**” in 4th International Conference held at SKR Engineering College, Poonamallee, Chennai – 600123, On 31st March 2017.

Dr.V.Jayaprakasan, Asso.Professor/ECE, as a Chief Guest, inaugurated and delivered the key-note address on “**The advancement of New Technology – Positive or Negative**” in 3rd International Conference held at Vetri Vinayaka College of Engineering and Technology, Thottiam – 621 215, Trichy Dt. On 25th March 2017.

Dr.V.Jayaprakasan, Asso.Professor/ECE, as a Resource Person, handled Sessions in Two-days National Level Workshop on “**Recent Trends and Challenges in Communication and Networking Using Cisco Packet Tracer**” on 20th & 21st February 2017 at Mahendra Engineering College (Autonomous), Mallasamudram, Namakkal - 637503, Organized by Department of ECE in association with IEEE Product Safety Engineering Society (Madras Chapter).

Dr.V.Jayaprakasan, Asso.Professor/ECE, as a Resource Person, handled Sessions in Two-days National Level Workshop on “**Importance of Switching and Routing in Computer Network using Cisco Packet Tracer**” on 17th & 18th February 2017 at Syed Ammal Engineering College, Ramanathapuram – 623502, Organized by Department of ECE and CSE, in association with IEEE Communications Society and IEEE PSES (Madras Chapter).

Professional Memberships

Dr.S.Vijayakumar, Elevated as Senior Member in IEEE

Departmental Tie-ups with organizations

MOU with Prime Bio-Medical Systems, Tirupur on 23.01.2017

Students Achievements

Attended Workshops/Conferences and Prizes/awards received

| S.No | Name | Prize/ Participation | PARTICIPATION YEAR | Title | Event venue | Level (In/S/N/I) |
|------|---------------|-------------------------|--------------------------------|---------------------------|----------------|------------------------|
| 1 | D.Dharani | Participation | 10-02-2017 TO 11-02-2017 | REMOTE SENSING AND GIS | SITAMS | NATIONAL CONFERENCE |
| 2 | C. Jalaja | Participation | 10-02-2017 TO 11-02-2017 | REMOTE SENSING AND GIS | SITAMS | NATIONAL CONFERENCE |
| 3 | P.N. Sireesha | Participation | 10-02-2017 TO 11-02-2017 | REMOTE SENSING AND GIS | SITAMS | NATIONAL CONFERENCE |

Students Toppers

The following are the list of Toppers for the academic year 2016-17 I semester

| S.No | Year | Reg No | Student Name | RANK |
|------|----------|------------|-------------------|------|
| 1. | I YEAR | 16751A0456 | K.CHINDUPRIYA | I |
| 2. | | 16751A0451 | JB ABINAYA | II |
| 3. | | 16751A0447 | H GUNA PRIYA | III |
| 4. | II YEAR | 15751A0424 | C MOUNIKA | I |
| 5. | | 15751A04B2 | P SABITHA | II |
| 6. | | 15751A04E6 | S R MUZAHID BASHA | III |
| 7. | III YEAR | 14751A0442 | G.CHANDU PRIYA | I |
| 8. | | 14751A04C5 | S.SANGEETHA | II |
| 9. | | 14751A04A8 | N.LOKESH | III |
| 10. | IV YEAR | 1351A0490 | M BHAVYA | I |
| 11. | | 1351A04F3 | S PRIYADARSHINI | II |
| 12. | | 13751A0447 | G NIKITHA | III |

Attended Games/Sports etc.,

| Sl.No. | Student Name | Title | Event Name | Venue | Date(s) |
|--------|-----------------|--|----------------|------------------|------------|
| 1. | D.S. Theja Sree | Participated & Secured "Winners in Table Tennis (Doubles)" | VAIBHAV – 2K17 | SITAMS, Chittoor | April 2017 |
| 2. | D.S. Theja Sree | Participated & Secured "Runner in Throw Ball" | VAIBHAV – 2K17 | SITAMS, Chittoor | April 2017 |

Placements

| S.No | Name of the student Placed | Enrollment No | Name of the employer | Appointment letter reference no. with date |
|------|----------------------------|---------------|---|--|
| 1. | Sushmitha N | 13751A04A9 | Glenwood Systems | 2/3/2017 |
| 2. | N Divya | 13751A04A6 | Glenwood Systems | 2/3/2017 |
| 3. | Vismitha C | 13751A0436 | Glenwood Systems | 2/3/2017 |
| 4. | C Aswini | 13751A0428 | Glenwood Systems | 2/3/2017 |
| 5. | Varikutti Banuprakash | 13751A04H7 | Broadcom Research India Pvt Ltd., Bangalore | 2/5/2017 |
| 6. | Vasala Naveen | 13751A04H8 | Broadcom Research India Pvt Ltd., Bangalore | 2/5/2017 |
| 7. | Kiran Kumar Reddy N | 13751A04B1 | Broadcom Research India Pvt Ltd., Bangalore | 2/5/2017 |
| 8. | Kolle Harish | 14755A0407 | Ascend telecom infrastructure Pvt.Lmt | 4/5/2017 |
| 9. | B Lavanya | 13751A0415 | Full Creative Pvt. Ltd. | 11/1/2017 |
| 10. | R Renu Prasanna | 13751A04D6 | Full Creative Pvt. Ltd. | 11/1/2017 |
| 11. | A Pavithra | 13751A0411 | Full Creative Pvt. Ltd. | 11/1/2017 |
| 12. | N S Vasavi | 13751A04B2 | Full Creative Pvt. Ltd. | 11/1/2017 |
| 13. | K Prudhvi Raj | 13751A0471 | Bank job | 15/03/2017 |
| 14. | T Divya | 13751A04G2 | Gi Group - Ericsson | 25/03/2017 |
| 15. | B Jaya Sree | 13751A0413 | Gi Group - Ericsson | 25/03/2017 |
| 16. | Rakesh Shivalingam | 11751A0498 | Gi Group - Ericsson | 25/03/2017 |



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),
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