



GAZETTE



About the department

The Electrical and Electronics Engineering Department was established in the year 2008. The department is running with well-qualified dedicated and experienced faculty. The faculty guides the students through the annals of this discipline which is multi-faceted covering various fields, to name a few, Electrical Machines, Power Systems, Electrical Measurements, Power Electronics, and Control systems. The present intake of students for B.Tech. program is 45. The department is equipped with eight well-established labs that give hands-on practical knowledge in the subjects. The laboratories are well equipped and sufficiently staffed for the applications of the theories to satisfy the curiosity of the students. The department consists of Electrical Mechanics Lab, Networks Lab and Control Systems Lab & Power Electronics & Power Systems Lab. The department initiates all student chapter activities of the Institution of Electrical and Electronics Engineers – IEEE, which is a global authority on the standardization of all aspects of Electrical and Electronics Engineering.

CHAIRMAN'S MESSAGE



Sri Mannem Rami Reddy M.A., H.D.C.
Ex-E.C. Member, SVU, Tirupati

Sree Rama Engineering College (SREC): A Hub of Innovation and Excellence

SREC is a premier institution dedicated to nurturing the next generation of engineers. With a strong emphasis on academic rigor and practical application, the college provides a stimulating learning environment that fosters creativity and problem-solving skills. By combining state-of-the-art facilities, experienced faculty, and industry partnerships, SREC empowers students to excel in their chosen fields and contribute to technological advancements.

Read More on our website



VISION:

- To be a center of excellence in Electrical and Electronics Engineering and to produce globally competent engineers with values and ethics.

MISSION:

1. **Provide professional skills:** This focuses on equipping students with practical skills needed for industry.
2. **Bringing awareness of emerging technologies:** This emphasizes staying updated with the latest advancements in the field.
3. **Develop collaborative research, internships, and entrepreneurial skills:** This involves fostering industry partnerships, practical experience, and innovation.
4. **Encourage multi-disciplinary activities:** This promotes a holistic approach to learning, combining different fields of study.



PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

After the completion of the Program, the graduates of B. Tech. (EEE) will be able to

- PEO1 - **Demonstrate academic and professional excellence in the field of Electrical and Electronics Engineering.**
- PEO2 - **Pursue higher studies, research assignments and as entrepreneurs.**
- PEO3 - **Become employable with ethical values in multidisciplinary environments.**

PROGRAM SPECIFIC OUTCOMES (PSO)

On successful completion of the B. Tech. (EEE) Program, the graduates will be able to

- PSO1 - **Provide technical solutions to complex electrical engineering problems with the application of modern tools for sustainable development.**
- PSO2 - **Apply the appropriate techniques in electrical engineering to engage in life-long learning and to successfully adapt in multi-disciplinary environments.**

Events



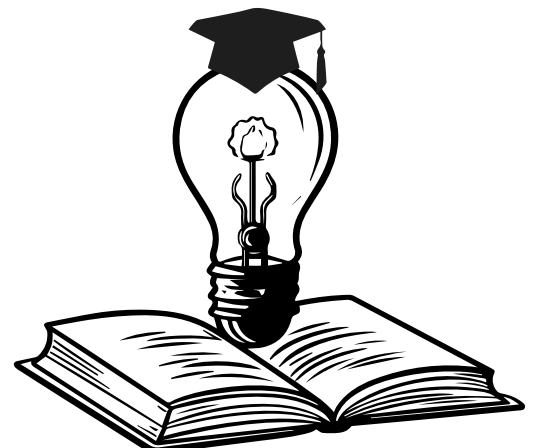
Sri M. Aravind Kumar Reddy, Director of SRET was lighting the lamp in Inaugural ceremony



Sri M. Rami Reddy, Chairman of SRET was addressing the students and Parents in Orientation Program

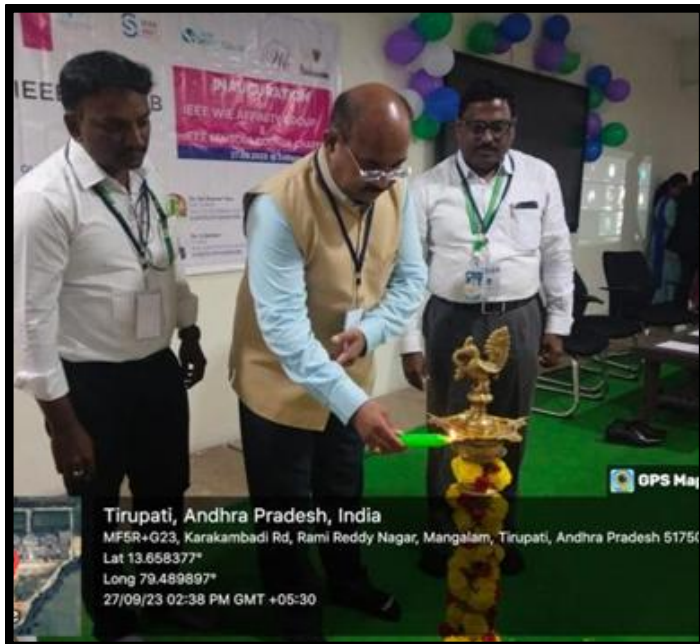


Orientation Programme to I B.Tech Students



Events

Inauguration of IEEE WIE Affinity Group & IEEE Sensors Council Chapter



Lighting the Lamp by Chief Guest Dr. V. Jayaprakasan, Treasurer, IEEE Hyderabad Section



Execom members in IEEE SRET WIE & Sensors Council



Approval letter of IEEE WIE affinity group to faculty advisor Dr. B. Lalitha

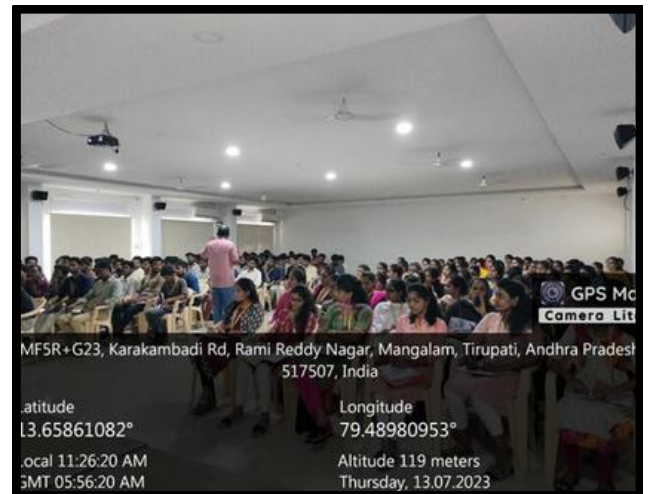
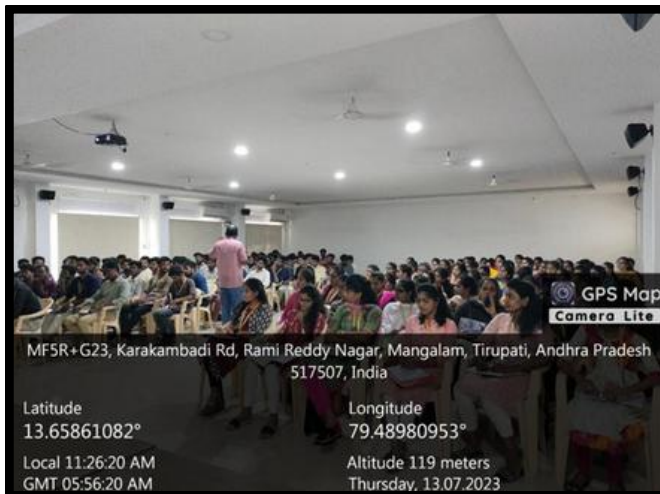


Approval letter of IEEE sensors council chapter to Dr. B. Prabhakar Reddy, HOD of ECE



Felicitation to Chief Guest Dr. V. Jayaprakasan, Treasurer, IEEE Hyderabad Section

Activities done by Department



Placement Training Programme for III & II B. Tech Students



A Seminar on Women's Equality organized by Women Empowerment Cell under IEEE WIE Affinity Group in association with IWN



Career Counselling & Aptitude Training for I B.Tech students

National Sports Day Celebrations

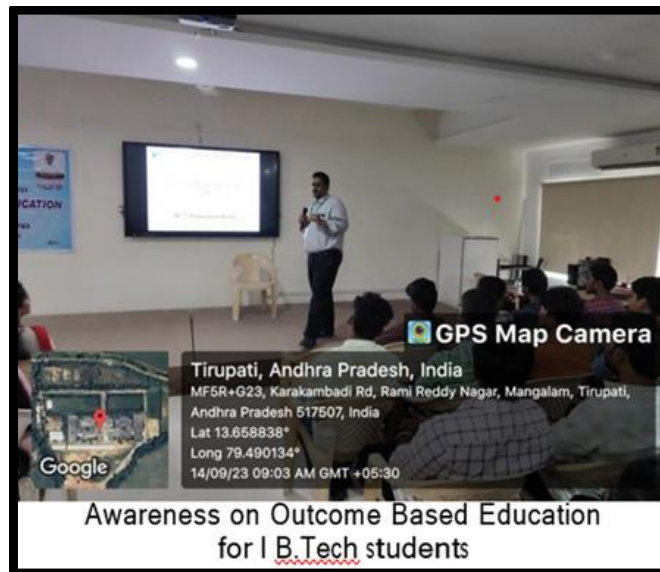


INDEPENDENCE DAY CELEBRATIONS



77th Independence Day Celebrations at Sree Rama Engineering College

Activities done by Department



Human Values & Professional Ethics for I B.Tech students

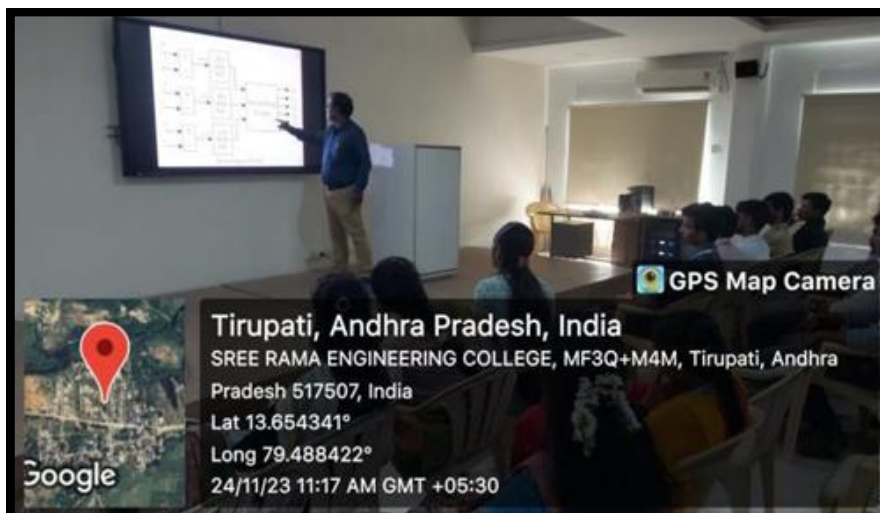


Games & Sports for I B. Tech Boys & Girls

Activities done by Department



Guest lecture on Electrical safety measures & Power Systems Deregulation

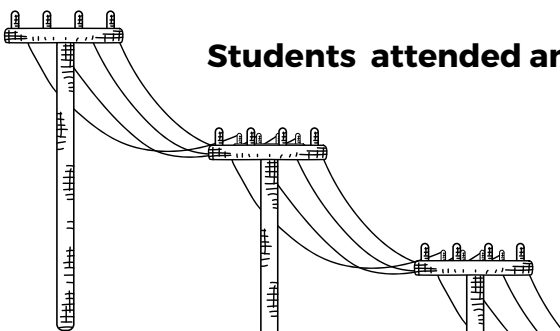


Dr. G. Muni Reddy, Professor of EEE, SIET was demonstrating Hexagon Hysteresis current control techniques to EEE students



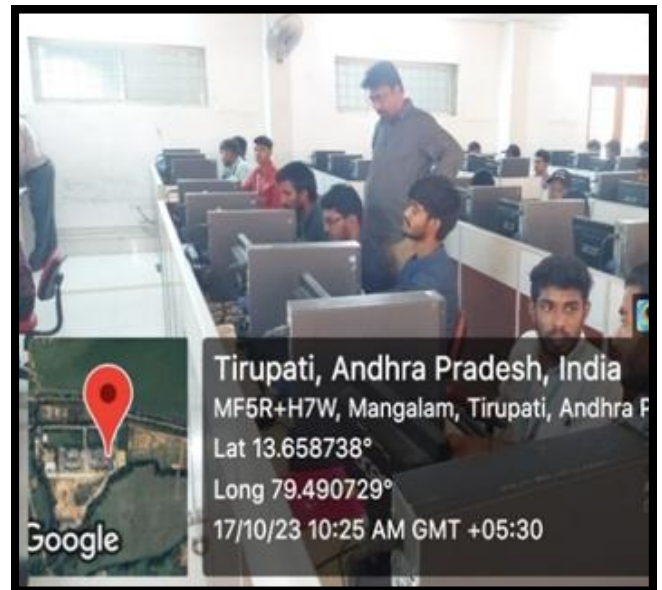
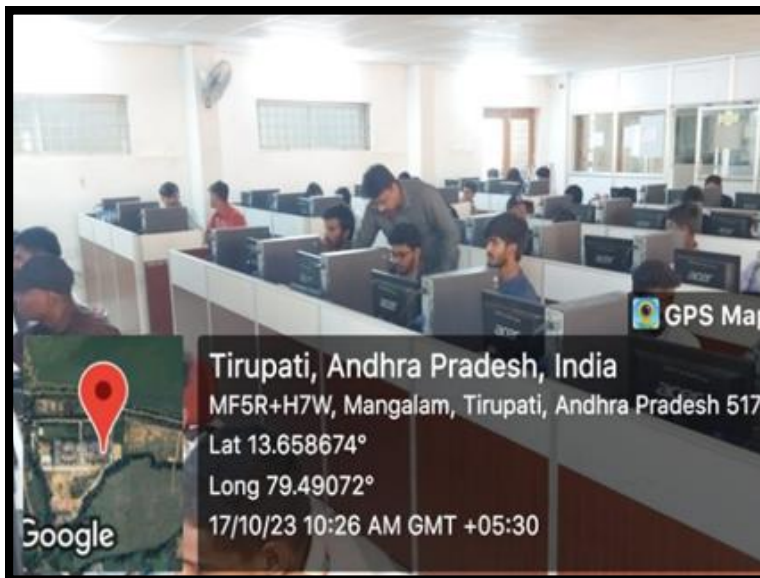
N. Chaitanya Kumar Reddy, Manager, Bosch was discussing on role of reliability engineers in different industries

Industrial Visit organized for students



Students attended an Industrial Visit to SPM, APSPDCL, Puttur

Placement training programs organized for Students



A training program on C Language organized by Placements & Training Cell of SRET



A seminar on Advancements in Power Electronics in Renewable Energy and EV applications organized by EEE department under IEEE SRET SB



A two day workshop on Energy Conservation and Audit organized by EEE department under IEEE SRET SB

NSS Activities



IV B.Tech. EEE students was presenting Health, Safety & Environmental Management for Class X students of ZP High School



Honourable Sub-Inspector of police Mr. Sri Ramudu was addressing the students on benefits of the Disha app to the girls



Ms. R. Meera, Founder Women's Initiatives (WINS) & Mrs. K. Sravani, B.Sc., LLM (Ph. D), Advocate addressing the students on role of a woman in today's society

NSS Activities



An Outreach Program on Energy Conservation for class X students of ZP High School, Karakambadi



An Outreach Program on Cost Effective Housing Techniques for Diploma students of SV Government Polytechnic, Tirupati



On the Occasion of National Energy Conservation day, EEE department has organized an outreach program on Energy Conservation at ZPHS, Karakambadi

NSS Activities

శ్రీరామలో మానవ హక్కులపై అవగాహన



ప్రజాశక్తి-తిరుపతి(మంగళం)

అంతర్జాతీయ మానవ హక్కుల దినోత్సవం పురస్కరించుకొని తిరుపతి-కరకంబాడి మార్గంలోని శ్రీరామ ఇంజనీరింగ్ కళాశాల జాతీయ సేవ విభాగం, బిఎస్ అండ్ హేచ్ డిపార్ట్మెంట్ ఆధ్వర్యంలో అవగాహన సదస్సు నిర్వహించారు. ఈ సదస్సుకు ముఖ్యఅతిథిగా ఎస్సీయూ మానవ హక్కుల విభాగం అసిస్టెంట్ ప్రొఫెసర్ డాక్టర్ ఎం.రవిబాబు హాజరై మానవ హక్కుల విశిష్టతను విద్యార్థులకు వివరించారు. మనిషి స్వేచ్ఛగా బతకాల్సి ఉన్నా కొన్ని పరిస్థితుల కారణంగా ఆ స్వేచ్ఛను కోల్పోతున్నాడన్నారు. సమాజంలో కుల మతాలకతీతంగా అందరూ ఒకే రకమైన స్వేచ్ఛ హక్కులను కలిగి ఉన్నారన్నారు. కళాశాల ప్రిన్సిపాల్ డాక్టర్ కె.జయచంద్ర మాట్లాడుతూ విద్యార్థి దశ నుండే మంచి సదవడికను అలవర్చుకొని, దేశభక్తి స్ఫూర్తితో లక్ష్యసాధన కొనసాగించాలన్నారు. ఈ కార్యక్రమంలో కళాశాల చైర్మన్ మన్నెం రామిరెడ్డి, కళాశాల డైరెక్టర్స్ మన్నెం రామసుబ్బారెడ్డి, మన్నెం అరవింద్ కుమార్ రెడ్డి, జాతీయ సేవా విభాగం ఆఫీసర్ ఎస్. చక్రీశ్రీధర్ పాల్గొన్నారు.

On the Occasion of International Human Rights day, NSS Unit and BS&H department has organized an awareness program on Human Rights and Professional ethics for students

Placements



27 Students of SRET placed in Sunny Opotech India Pvt. Ltd., with 2.4 LPA



"We are proud to announce that Sree Rama Engineering College, Tirupathi, has been awarded an AAA rating by Careers360, recognizing it as one of India's Best Engineering Institutes of 2023. This prestigious honor is a testament to the dedication and hard work of our students and beloved faculty, whose collective efforts have led to excellence in education, placements, infrastructure, and research output. We extend our heartfelt gratitude to everyone who contributed to this significant achievement. Together, we continue to strive for even greater heights in the future"

This achievement further solidifies our institution's reputation as a hub of academic excellence and innovation. With a focus on holistic development, we are committed to nurturing talent and creating future-ready leaders equipped to meet the demands of a dynamic world. As we celebrate this milestone, we are motivated to continue enhancing our learning ecosystem, strengthening industry partnerships, and fostering an environment of research and creativity. Sree Rama Engineering College remains dedicated to upholding its mission of empowering students to achieve their fullest potential.

Research publications **(National/International conferences)**

1.T. Kosaleswara Reddy, et. al., Improving the charging efficiency of PV based electric vehicle using wireless method compared to plug-in method, Journal of Integrated Science and Technology, Volume 11, Issue No. 4, July 2023.

2. A. Muni Sankar, et. al., An optimized filter design with cuckoo search algorithm for Industrial Microgrids, International Conference on SignalProcessing, Computation, Electronics, Power and Telecommunication (IConSCEPT), ISBN: 979-8-3503-1212- 6, July 2023.



LABS



DC Machines & Transformers Lab



AC Machines Lab



Power Electronics Lab

LABS



Control Systems Lab



Measurements & Sensors Lab



Electrical Circuit Analysis Lab

ACADEMIC TOPPERS

II-II SEMESTER TOPPERS



82.8 %

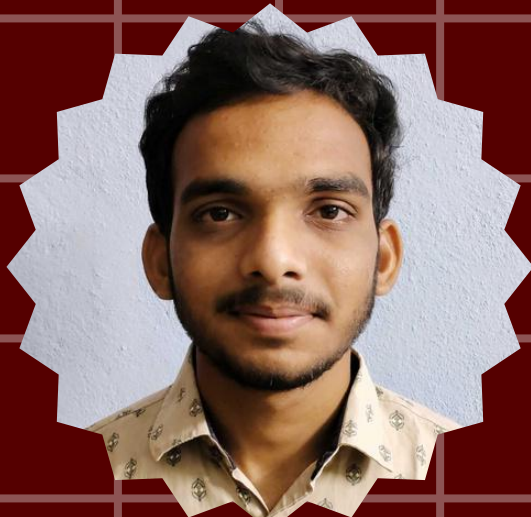
Y. Janaki Ramudu
224C5A0212



80.11 %

D. Hanok
214C1A0201

III-II SEMESTER TOPPERS



79.3 %

G. Pradeep
214C5A0211



76.2 %

M. Lokesh
214C5A0220

ACADEMIC TOPPERS

IV-II SEMESTER TOPPERS



91 %

N.A. Bharath
204C5A0213



90 %

M. Ergam Reddy
204C5A0212



90 %

P. Arsheya Banu
214C5A0220



Education is the most
powerful weapon which
you can use to change
the world.

-Nelson Mandela



Chief Editor

Dr. A. MUNI SANKAR

Associate Professor & HOD of EEE

"Develop a passion for learning. If you do, you will never cease to grow." - Anthony J. D'Angelo.

Sree Rama Engineering College, Tirupati, is renowned for its academic excellence and commitment to the pursuit of knowledge. We are thrilled to present the EEE GAZETTE 2023-24, a result of the dedicated efforts and perseverance of the magazine committee at Sree Rama Engineering College, Tirupati.

This edition showcases the creativity, achievements, and activities of both students and faculty members. The GAZETTE serves as a platform for students to express their artistic side and explore their hidden talents.

As the Editorial Head of the EEE section for this issue, I have been truly inspired by the enthusiasm and dedication of our students. Their contributions—ranging from thought-provoking articles and striking photographs to artistic creations—reflect their passion and hard work. Engaging in such activities not only nurtures creativity but also provides a refreshing escape from academic pressures.

We sincerely hope you find as much joy in reading this edition as we did in creating it.

Meet my Team



K. Guru Prasad
204C5A0209



P. Sai Krishna
214C5A0225



S. Abhishek
224C5A0209