



S.V. COLLEGE OF ENGINEERING TIRUPATI

COMMUNIQUE

VOLUME- 23

--- News Letter---

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Department of Electronics and Communication Engineering



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Electronics and Communication Engineering

Vision and Mission of the Department

Vision

- To be a focal centre for academic excellence in competing global standards and dynamics in the field of Electronics and Communication Engineering with research and services focusing on effective communication skills, entrepreneurial, ethical and social concern.

Mission

- To impart quality technical education in Electronics and Communication Engineering with well established infrastructure, state- of- the art laboratories, core instructions and cognizant faculty.
- To prepare the young and dynamic Electronics and Communication Engineers professionally deft and intellectually adept with knowledge, behavior and information competency.
- To enable the learners for Changing Trends in the field of Electronics and Communication Engineering with a focus on career guidance, placements and higher education by Industry-Institute relationship.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1- Graduates should be cognizant in basic science, fundamental engineering stream along with core related domains in ECE and Allied fields.

PEO2- Graduates should understand issues related to design, problem solving, and intellectually adept with knowledge, behavior and information competency.

PEO3- Graduates should demonstrate their technical, communication, research, aptitudes along with leadership skills in professional environment to empower employability, higher education and entrepreneurs successfully through industry-institute interaction.

PEO4- Graduates should be motivated with high ethical, human values and team work towards development of the society.

About Dept. of ECE

- Electronics and communication engineering has emerged as the major driving force behind the present day Information Technology revolution acting as a bridge between different disciplines of engineering and technology.
- It has penetrated into other prominent sectors such as health care, instrumentation, agriculture, automation, signal processing, remote sensing etc.,
- The recent developments such as IoT and Artificial Intelligence and the mercurial advancements in the field of communications, such as 5G, highlight the need for talented graduates who can assist their organizations in working with and manufacturing new technologies.

Principal's Message



I have great pleasure in conveying my best wishes to the Dept. of ECE for releasing the newsletter **"COMMUNIQUE"** which brings the students and teachers of various disciplines on a common platform to share and display their ideas and creative talents, I wish all the students who have involved in bringing out the newsletter for their greater success and career ahead.

Dr. N.SUDHAKAR REDDY, ME, Ph.D, FIE, MISTE.
PRINCIPAL

HOD's Message



The Department of Electronics and Communication Engineering has been providing Excellent Opportunities for the students to explore & exhibit their academic , Co-curricular & Extra-curricular activities.

This newsletter is an attempt to highlight the achievement of the department, in spite of the space constrain we have showcased the best and look forward to have more in the future on a quarterly editions. I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter **"COMMUNIQUE"**.

Dr.D SRINIVASULU REDDY, M.Tech, Ph.D

HOD ECE, SVCE Tirupati.

CONFERENCES / SEMINARS/FDPS

- A webinar entitled by “Higher Education & Career Opportunities Abroad” is being organized by department of ECE, SVCE Tirupati in association with IEEE SVCE SPS & ComSoc Chapter on 07-07-2023. The resource persons are Ms. B Rajitha, M Sc Information Systems, & Ms. A Sai Kavya M Sc, Business & management, University of Portsmouth ,UK. The students and faculty of ECE participated in the webinar held on 07-07-2023.
- A webinar entitled by "AWS DEVOPS in Real Time "is being organized by department of ECE, SVCE Tirupati in association with IEEE SVCE SPS & ComSoc Chapter on 12-07-2023. The resource persons are B Ravi Teja working at JP Morgan Chase and Co., Largest leading bank in U.S.A. The students and faculty of ECE participated in the webinar held on 12-07-2023.
- The faculty of ECE department attended a webinar program on “How to write and publish a Research article” conducted by dept of CSE, SRM university Amaravati AP on 19-08-2023.
- Dr. G Sujatha Professor in ECE department participated in six day online FDP on High performance VLSI architectures for multi-disciplinary applications held from 31-07-2023 to 05-08-2023.
- Dr. G Sujatha Professor in ECE department participated in five day online FDP on VLSI to System design: Silicon to end application research organized by AICTE & Arm Education and STM Microelectronics held from 31-07-2023 to 04-08-2023
- Dr. K Raveendra ,Professor in ECE department participated in one week online FDP on Recent Trends in Electronics and Communication Engineering organized by held from 22-08-2023 to 26-08-2023.

- Mr. A Krishna Mohan ,Asooc Professor in ECE department participated in one week online FDP on Recent Trends in Electronics and Communication Engineering held from 22-08-2023 to 26-08-2023.
- The ECE department organized a talk on “Product development and design- A practical approach” by Dr. S. Rama Narayana Reddy, Professor, Department of CSE, IGDTUW New Delhi on 8th September 2023.The faculty from different departments attended the seminar presentation.
- Dr. G Sujatha Professor in ECE department participated in one week online FDP on Recent trends in signal & Imge processingorganized by Mother Theresa institute of Engineering Technology ,Palamaner held from 28-08-2023 to 01-09-2023
- Dr. K Raveendra, Professor in ECE department participated in one week National level online FDP on “Indian Knowledge System” organized by IOT Academy, Coimbatore held from 04-09-2023 to 09-09-2023.
- The ECE department faculty attended an awareness session on “Bloom’s Taxonomy and question paper setting” by Mr. Guru Mahesh, Assistant Professor, ME department SVCE on 10-10-2023.



TRAINING PROGRAMS/WORKSHOPS

- The students of ECE attended Mock interviews conducted by Training and placement department and experts are from ECE department faculty in the first week of July 2023.
- The department of ECE organized a three day workshop on “Auto Bots-Robotics workshop from 26-28 July 2023 in association with Technotran ,Nellore .The resource person is R Vikas Reddy, Director Technotran Limited
- The students of III ECE attended CRT training program conducted by Training and placement department and experts are from external agency
- The students of IV ECE attended CRT training program on MS Azure program conducted by Training and placement department and experts are from external agency
- The students of IV ECE attended Company specific training program conducted by Training and placement department and experts are from external agency.
- Department of ECE organized a one day workshop on VLSI Design Tools for IV ECE Students on 16-09-2023.The resource person is Mr Rajesh Sama, DFX-DFT Engineer, AMD R& D Centre Hyderabad.
- ECE department in association with IEEE-SPS SVCE SB organized one day workshop on “Career in cyber and cyber safety in digital era” by Ms. Gunturu Renu ,Vice chair IEEE Education Adhoc committee Hyderabad, IEEE section on 23-09-2023.



- ECE department in association with IEEE-SPS SVCE SB organized sponsored by IEEE Young Professionals one day Hands on workshop on “Block Chain Technologies and its Applications” by Mr Sai Prashanth ,Research Scholor,University of Missouri, USA ,Chair IEEE Education Adhoc committee Hyderabad, IEEE section on 23-09-2023.
- ECE department in association with IEEE-SPS SVCE SB organized sponsored by IEEE Young Professionals one day Hands on workshop on “Unlocking the power of AWS API Gateway: Building a CURD API with Lambada and DynamiucDB ” by Ms. Divya Chhbaria ,Freelance Web & Devops Engineer USA ,Vice Chair IEEE Education Adhoc committee Hyderabad,IEEE section on 23-09-2023.
- The IV year ECE students attended Virtusa company specific training from 20-11-2023 to 30-11-2023.

CO-CURRICULAR ACTIVITIES

- The IETE student forum & Department student Association PACE conducted a valedictory function and prizes were distributed to winners of various events conducted during the current semester on 22-07-2023.
- ECE department students participated in the college level event “Freshers fest” on 28-07-2023.

ఎస్.వి.ఎస్. సాఫ్ట్‌వేర్ ఎంప్లొంగ్ చాప్టర్ అవార్డు



తిరువతి,నవంబర్ 15 (వార్తాప్రభ)
: స్థానిక కరకంబాడి మార్గంలో ఉన్న ఎస్.వి.ఎస్. కాలేజ్ ఆఫ్ ఇంజనీరింగ్ కళాశాల ఈసీఈ విభాగం మరియు ఐఈఈఈ సంయుక్త పర్యవేక్షణలో పలు సాంకేతిక కార్యక్రమాలను విజయవంతంగా నిర్వహిస్తున్న ఐఈఈఈ - ఎస్.వి.ఎస్. చాప్టర్ కు హైదరాబాద్‌ని మాతృశ్రీ

ఇంజనీరింగ్ కళాశాలలో జరిగిన అంతర్జాతీయ కాంక్షేవ్ 20 24 లో ఎమర్జింగ్ స్టూడెంట్స్ చాప్టర్ అవార్డును బహుకరించారు. ఈ సందర్భంలో భాగంగా జరిగిన అవార్డులలో ఎస్.వి.ఎస్. కాలేజ్ ఆఫ్ ఇంజనీరింగ్ కళాశాల ఈసీఈ విభాగం తృతీయ సంవత్సరం చదువుతున్న శ్రీకర్ కు ఉత్తమ స్టూడెంట్ వాలంటీర్ అవార్డు సొంతం చేసుకోవడం జరిగినది. ఈ సందర్భంగా ఏర్పాటుచేసిన సమావేశంలో కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎస్.సుధాకర్ రెడ్డి మాట్లాడుతూ ఈ అవార్డును గెలుపొందడం కళాశాలకు ఎంతో గర్వంగా ఉందని కొనియాడారు. ఈ అభినందన కార్యక్రమంలో డీన్ డాక్టర్ ఆజాద్ , ఈసీఈ విభాగాధిపతి డాక్టర్ శ్రీనివాసులు రెడ్డి, స్టూడెంట్ విభాగ ఇంచార్జ్ షేక్ అల్లాబకాష్, అధ్యాపకులు, విద్యార్థిని, విద్యార్థులు ప్రత్యేకంగా అభినందించారు. ఈ చాప్టర్ ద్వారా విద్యార్థులు మరిన్ని విస్తృత కార్యక్రమాలను రూపొందించి జాతీయస్థాయిలో రాణించాలని ప్రిన్సిపల్ ఆకాంక్షించారు.

- Department of ECE organized one day event “Ideathon” for the ECE students. Student presented Ideas to solve problems related to industry and society. Mr K R surendra acted as coordinator for the event.
- The ECE department organized a seminar on “Product development and design- A practical approach” by Dr. S. Rama Narayana Reddy, Professor, Department of CSE, IGDTUW New Delhi on 8th September 2023, III & IV year students attended seminar.
- The department of ECE organized technical and non technical events on the occasion of Engineers Day (Birth anniversary of Sir Mokshagundam Visweswaraya) i.e on 15-09-2023. Technical quiz, Debate, elocution Technical write & Balloon balance and tower build events being conducted and students actively participated in the above events. The prizes were distributed to the winners of the events.
- The department of ECE arranged an interactive session for I year ECE students on “Awareness on Future trends in IT sector” by ECE Alumni P Vaishnavi, Software Test Engineer ,Cisco Bangalore on 21-09-2023.
- Department IETE and Student Association PACE organized technical and non technical events for the I year ECE student during their induction program.



- The III ECE students visited U R RAO SATELLITE CENTRE, Bengaluru on 07-11-2023.
- ECE department organized “Ideathon “Program on 27-11-2023 for ECE.Sstudents presented innovative ideas in their presentations.
- The Department of ECE has organized an expert session on “Awareness Program on GATE Examination” on 10-11-2023. The key objective of the session is to prepare the students for the GATE Examination and Opportunities in public sector. Mr. ManimohanTrinath, Expert from ACE training academy acted as a resource person
- The department of Electronics & Communication Engineering has organized IGNITE-2K23 Non-Technical events under its associations IETE and PACE for the students of I, II, III & IV year of SVCE and SVEC on 04-11-2023.



NSS PROGRAMMES

- NSS Unit in association with Seva Naturel foundation conducted a two day workshop on “Seed ball Making” from 06-07-2023 to 07-07-2023. The ECE students participated actively in the event.
- NSS Unit in association with local voluntary organization conducted a one day Medical health checkups program on 05-08-2023. Faculty and students participated actively in the event.
- NSS unit organised community awareness program is being organized by NSS unit in nearby villages like Venkatapuram and karakambadi villages for I ECE students on 20-09-2023.
- NSS unit in association with CKS Theja Dental Science and Research, Tirupati organised Free Dental checkup program is being organized by NSS unit in SVCE for all students and faculty on 19-10-2023.



COMMUNITY ORIENTED ACTIVITIES

- Women faculty of ECE department attended an event on Cooking in association with Aashirwad Company and demonstrated Cooking tips ,delicious recipes and conducted fun events. Gifts presented to the best performers.
- On the occasion of Teachers Day i.e on 05-09-2023 the faculty of ECE participated in events conducted in the college organized by S & H Department SVCE Tirupati
- An Orientation program is organized for the student joined I year B Tech and II year Lateral entry on 20-09-2023 & 25-09-2023 respectively.
- As a part of academic calendar an induction program is conducted for the I year UG students and various inspiring and motivating sessions were conducted.
- IEEE SPS student Chapter has been sanctioned \$500 to organize Technical events in the college.
- Mr. T Manohar Reddy, bearing roll no 16BF6A0451 belong to 2015-19 batch Alumni secured 5th rank in IES 2023 examinations.
- SVCE students have emerged triumphant, securing the first-place position in the Inter-College Invitation Tournament SANYOG 2023.
- It was held at IIT-Tirupati from 3rd Nov 2023 to 5th Nov 2023. Team captain, K. Sai Gunadeep has done an excellent job. 7 members belong to ECE department.
- Mrs. G Sujatha Professor in ECE department acted as a coordinator for the course on 30 days IOT Master class organized by Pantech e learning from 12-07-2023 to 12-08-2023.



SV Colleges group was founded in 1981, based on the firm belief that education especially higher education provides a critical pathway to leadership development, economic progress, and social and political equality. Since its inception, the group has upheld a rigorous commitment to the curriculum and the programs that it offers. SV Colleges is a community where care, support and mutual respect flourishes. Our students are our first priority. We welcome you to join us and become yet another SV Colleges' success story. We empower our students to achieve professional and personal success by providing comprehensive educational experience, fostering critical thinking and encouraging lifelong learning. We are committed and dedicated to pursue excellence in our student's career by providing best in class education, training and skills necessary to become the future leaders. We train our students with the interpersonal and communication skills needed to thrive in the world beyond campus.