DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

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SRKR ENGINEERING COLLEGE
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THIS ISSUE

Brings you Awareness about Department activities done by staff and students

ABOUT THE INSTITUTE:

Sagi Rama Krishnam Raju Engineering College (S.R.K.R Engineering College) is a co-educational, independent and a self –financed Engineering College. It is one of the oldest seminaries formed in 1980's by S.R.K.R. Engineering college Association provide to a better quality technical education to students. President Sri. S. Prasada Raju is carrying forward the vision of his father Late Sri Sagi Rama Krishnam Raju guiding the society on its path of excellence. The college is located with a science beauty in a 30 acres plot in Chinna-Amiram on Bhimavaram-Vijayawada state highway; just 2 miles from Bhimavaram town, that is well known A Second Bardoli‖ and is famous for Pancaharamas‖ (Somaramam). This college is affiliated to JNT University, Kakinada,recognized by AICTE, New Delhi. And Offers 6 UG Courses, 7 PG Courses and 5 Ph.D. Programs. Was accredited thrice by National Board of Accreditation (NBA). And accredited by the National Assessment and Accreditation Council (NAAC). Centre of Excellence namely Water and Environment Technology (WET) research centers and Geospatial Information Centre (GIC) are established.

IETE'S QUEST-16

A two day event Quest 2K16 conducted by IETE student body organised by Professor DVR Mohan, Department of ECE, SRKR engineering college, Bhimavaram. For internal participants i.e. participants from SRKR Engineering College and Participants from Colleges around the Bhimavaram, paper presentation contest is held and selected presentations procure prizes. Some of the best papers with titles are CARBON NANOTUBES, LIFI TECHNOLOGY,WEAPON TECHNOLOGY, WIRELESS COMMUNICATION, ATLAS, AUTOMATIC RAILWAY GATES, WIRELESS COMMUNICATION, ARTIFICIAL RETINA NUCLEAR MICRO BATTERY, TOUCH SCREEN TECHNOLOGY, IOT.

TRANCE-2017

A two day event TRANCE -2017 has been conducted by the Dept. of ECE, SRKREC during 10th and 11th Feb.-2017 The inaugural function was conducted on 10th Feb, 2017 at 9.30 AM in I-101 AC seminar hall .For his function the management members Sri G. Murali Ranga Raju, Chairman, SRKREC, Sri S.V.Ranga Raju, Honorary Director, SRKREC, Dr K.V.S.N.Raju, Vice Principal, SRKR Engineering college, Chief Guest Dr C.V.Rao Group Head (G&SP), DPPA & WA National Remote Sensing Centre , ISRO, Hyderabad, Convener Dr.P.V.Rama Raju, Head Dept of ECE , and faculty coordinators Sri Y.Rama lakshmanna, Associate Professor, Sri K.N.V. Suresh Varma, Assistant Professor & Sri K.N.V.Satyanarayana, Assistant professor, senior faculty members and students from various institutions attended.

The chief Guest of inaugural function Dr C.V.Rao has given Key note address on Signal and Image processing of Satellite Images.

In TRANCE -2017 we conducted Six events like Theatre (Movie & making), Revelant (Poster Presentation), Art Gallery, Nexus (Hardware Circuitry), Conception (Technical Quiz) and Exposition (Paper presentation), Spot Events, Sports and Games. A workshop on "Mind Controlled Robotics" has also conducted by Robo Kart, Mumbai and five resource persons have come to train the participants.

On the next day in the valedictory function the chief guest Dr.S.V.S.Rama Krishnam Raju, Principal Hyderabad Institute of Technology &Management, Hyderabad, has addressed the gathering. For some of the events 1st, 2nd and 3rd prizes are given .And for some of other events 1st& 2nd prizes are given. A total amount Rs. 11,000/- of worth cash prizes was given.

For internal participants i.e. participants from SRKR Engineering College and Participants from Colleges around the Bhimavaram, paper presentation contest is held and completed on 9th Feb.2017.

DEPARTMENT VISION

Envision of diverse, stimulating and consistent academic research ambience for student community and shaping them into competent professionals in the field of Electronics and Communication Engineering and cater to the needs of society with a keen sense of environmental consciousness.

DEPARTMENT MISSION

1. *Educating the students with the state of the art technologies in ECE to meet the ever growing challenges of the industry.*
2. *Nurturing the spirit of innovation and creativity in the faculty and students in order for them to carry out research in collaboration with research organizations and industry.*
3. *Providing ethical and value based education that promotes activities pertaining to societal needs.*

CRUX-16

A (Hardware Contest, Conducted on 27-28, Jan 2017)

two day event CRUX 2K16 conducted by IETE student body organised by Professor DVR Mohan, Department of ECE, SRKR engineering college, Bhimavaram. For internal participants i.e. participants from SRKR Engineering College and Participants from Colleges around the Bhimavaram, Hardware contest is held and selected presentations procure prizes. Some of the best Circuits with titles are BALANCING ROBOT, Automatic Railway Gates, ROBOTIC ARM, Eye Blink Detector to Prevent Accidents, Universal Power Supply, Line Follower Robot Without Arduino, SOLAR TRACKING, REVERSE CAR PARKING CIRCUIT, AIR FLOW DETECTOR, EMERGENCY POWER BANK CIRCUIT.

🏆 **EDUCATION IS THE MOST POWERFUL WEAPON WHICH YOU CAN USE TO CHANGE THE WORLD** 🏆

ABOUT OUR DEPARTMENT

The department of ECE came in to existence in 1980 when the institute was established with an intake of 35 which was subsequently raised to 240 over a period of time. M.Tech course in Communication Systems was started in 2006. The department is presently offering 4 year B.Tech program in ECE, 2 year M.Tech in Communication Systems and Ph.D. program. The department has highly qualified, experienced and dedicated staff members. The department has dedicated technical and non teaching staff members. The department has good infrastructure facilities. The department was accredited thrice by National Board of Accreditation (NBA). The department has student chapters of professional bodies like IEEE. IETE and college level ISTE, which conduct various student technical activities. Students of ECE participate in National level technical paper and hardware competitions being organized at various other colleges and some of them are awarded with prizes.They have been obtaining good scores in GRE, TOEFL and CAT. Students are placed in companies like TCS, Polaris, CTS, IBM, Infosys, Texas Instruments, BSNL, BEL, ISRO and DRDO.

ECE department has been identified as research center by JNT University. The research center provides required facilities for carrying out research work for scholars. The department is associated with organizations like DRDO, NSTL, BEL, ISRO, BSNL, NRSA and RTTC. The department has MOUs with Vector India Pvt. Ltd., AMSYS Technologies, Innovation Communication Systems Ltd. and TCS for collaborative work and faculty improvement programs. Faculty published and presented about 175 research papers in technical journals and conferences.