

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 Bardolli 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.

SMART BIO TOILET PROJECT:

(Guide: Prof. DVR Mohan, Dept. of ECE)

Smart Bio-Toilet is for public use. It can be used by inserting only Rs.5 coin. It has auto flushing and auto chamber cleaning facility. When water tank gets empty, the unit will shut down and a mobile message is sent to the concerned person. The Toilet starts working when the water tank is refilled. Every day the concerned person will get message about number of Rs.5 coins collected. It works during A.C. power failure also.

Cost of project: Rs.120000-00.



TRANCE-2016

A

two day event Trance denotes any state of awareness or consciousness other than normal waking consciousness. One enters trance state involuntarily and unbidden. The Trance may be associated with hypnosis, meditation, magic, flow, and prayer. It may also be related to the earlier generic term, altered states of consciousness, which is no longer used in "consciousness studies" discourse.

Similarly, in these events participants compete with one another to grab a massive knowledge .This floor facilitates that purpose. This fest (TRANCE 2K16) continues its legacy every year towards den of success. This year also it is ready to rock on 28th & 29th JAN 2016 to ensure its way to its success.

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.



TRANCE TEAM

CRUX-16

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

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 BODMAS RULE, LUGGAGE SECURITY ALARM, NIGHT VISION ENHANCER, OPTICAL LOCK FOR HIGH SECURITY, POLARITY CUM CONTINUITY TESTER, LINE FOLLOWER ROBOT, ULTRASONIC SENSING AND RANGING, ANDROID CONTROLLED RC CAR, OBSTACLE DETECTING ROBOT USING ARDUINO.



DEPARTMENT MISSION

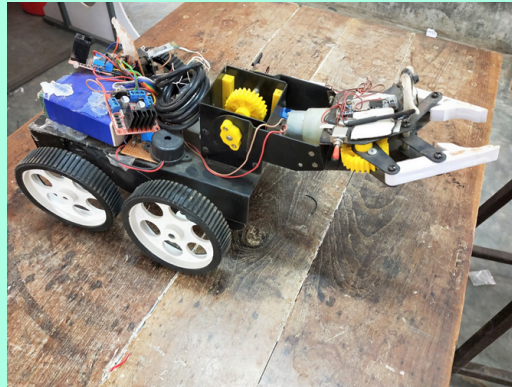
- 1. Educating the students with the state of the art technologies in ECE to meet the ever growing challenges of the industry.*
- 2. Nurturing the spirit of innovation and creativity in the faculty and students in order for them to carry out research in collaboration with research organizations and industry.*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

Smart Wheel Chair

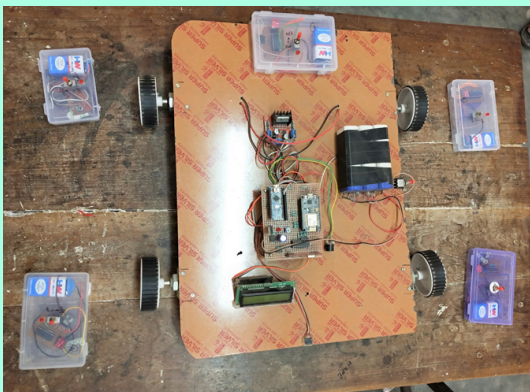
The smart wheel chair is useful for patients who can not move freely on a wheel chair. They can control and control the wheel chair with finger moments and voice messages.

Bomb Disposing Robo

This Robo detects and disposes bombs and land mines. We can control the Robo with Cell phone from a distance



Automatic speed control of vehicles



The vehicles going on highways may not follow the speed limits. This unit will automatically reduce the speed of the vehicles going on a speed restricted road. Every vehicle should be attached with a speed limiter, which will be under the control of the central unit. This will prevent accidents.

IETE'S QUEST - 16

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 ATLAS, AUTOMATIC RAILWAY GATES, WIRELESS COMMUNICATION, ARTIFICIAL RETINA, NUCLEAR MICRO BATTERY, TOUCH SCREEN TECHNOLOGY, IOT, CARBON NANO TUBES, LIFI TECHNOLOGY, WEAPON TECHNOLOGY, WIRELESS COMMUNICATION.

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.

EDUCATION ILLUMINATES US WITH THE LIGHTS OF
KNOWLEDGE AND WISDOM

