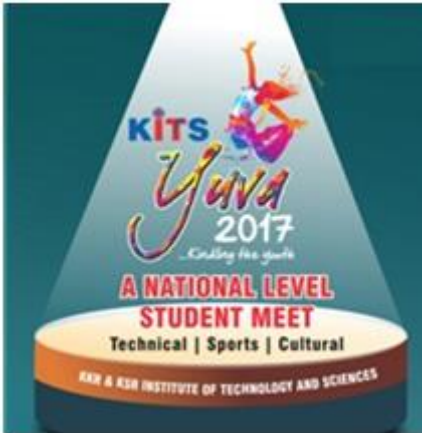


ece news SYNCOM

A Voice Of Electronics And Communication Engineering

**KKR&KSR INSTITUTE OF TECHNOLOGY & SCIENCES
ECE DEPARTMENT | 2017**



KITS YUVA 2K17 | Page 02

Results | Page 02,03

Students Zone | Page 04

Faculty achievements | Page 05,06

IEEE student Chapter | Page 07

Expert Lecture | Page 08



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ABOUT KITS YUVA-2017

KITS YUVA a two day national level fest conducted on 22nd and 23rd February 2017. The programme is aimed to explore the inherent skills and capabilities of future engineers. It provides a

platform to exhibit their creativity, ingenuity and analytical abilities communication skills and also to exchange ideas. It creates awareness and opportunity to learn recent developments in technological front and at the same time providing fun and frolic in the form of cultural events and sports.



As a part of KITS YUVA the department of ECE conducted Technical Quiz, Paper presentation, Project Expo, Poster presentation, Trickytronics(Spot Event) and Techhunt (Spot Event) with great efforts and enthusiasm of faculty as well students.

Student Activities:

results 

Really glad to hear about your M.Tech results.You did so well and surprised every on...You continued your winnig streak as usual...the heartfelt congratulations for you

students for whatever you did in this college and we hope as well the same for next time.






SNO	REGDNO	STUDENT NAME	AGGREGATE	PHOTO ID
1	15JR1D5703	N. SONIYA	81.00	
2	15JR1D5704	P. KRANTHI	77.50	



As a habit to bring success and prosperity to kindle branch of ECE, we heartily congratulate the toppers of II year students for magnificent performance in third semester Exams.

We encourage you to continue the same tempo in the upcoming semester.

B.TECH II-I RESULT

SNO	REGDNO	NAME	PERCENTAGE	PHOTO ID
1	15JR1A0482	M.NAGA SUMA	89.20	
2	15JR1A0475	L Y N V DIVYA SUPRIYA	88.13	
3	15JR1A0486	M.SIRISHA	84.93	
4	15JR1A04F3	P.DARWIN CHOWDARY	83.20	
5	15JR1A0420	CH.TEJASWI	82.53	

Innovation

Wireless Transmission and Reception Using ASK RF Module

The third Year students T. Jaya Kranthi Kumar (14JR1A04H0), P. Aabidkhan (14JR1A04F8), B.Thrinath (14JR1A0442) beyond academics with their enthusiastic nature implemented a **“Load Controller using RF Signals”**. They had an intention of helping the handicapped in anyway as they can't do things as others like switch on/off any load many times. With this inspiration they developed a best solution to this problem with pocet friendly cost of less than Rs.1500.



They had prepared a **“WIRELESS TRANSMISSION AND RECEPTION USING ASK RF MODULE”**. By using this kit they can control the loads i.e. they can switch ON/OFF the loads from 100meters by not moving from their place. In order to increase the range of transmission ...they are adopting for Bluetooth and zigbee technologies.



“Efforts never drain”

P. Yasmitha (13JR1A04A1) got selected in Amazon Company in campus drive conducted in Andra Liola College, Vijayawada.

We wish to appreciate for your dedication and commitment to perform with excellence in campus drive of Amazon. You have proven your abilities and talents. Heartfelt obligation to you and keep your spirits.





**FACULTY
ACHIEVEMENTS**

Mr. A.Srinag is working as Assistant Professor, Dept. of Electronics and Communication Engineering in KKR&KSR Institute of



Technology and Sciences, Guntur, A.P, India. His area of interests are VLSI design and systems ,published a paper on **“Thermal testing of FPGA using Toggle logic and Self heating Elements with incorporated BIST Architectures”** “in of International Journal of Applied Sciences, Engineering and Management (IJAEM)

“Fervor of faculty”



Not only students but also the faculty of kits family are more enthusiastic in nature. Teachers are probably the most underrated yet the most powerful professionals in the whole world. Their work has a long term impact on not just the lives of the students they teach, but on society as a whole.

Mr. B.Venu, Ms. Pradeepthi and Ms.T.Revathi attended for the one-week ISTE STTP Workshop on “CMOS Mixed Signal and Radio Frequency VLSI Design” conducted by IIT, Karagpur from 30th January 2016 to 4th February 2017 hosted by “RVR & JC College of Engineering”

National Women's Parliament

I feel it was my privilege to attend the National Women's Parliament along with B. Anjani (15JR1A0410), Pranamika .D (15JR1A04C6), B.Pooja (15JR1A0414) & V.S.L. Mythili (15JR1A04E3) to represent our college at NWP.



It was a platform to enable and encourage social, political and economic empowerment of women in all strata of the society. One of the objectives of NWP was to generate new ideas, concepts, theories and ideologies for women empowerment. **“women are not born but made”**. This sentence itself shows the power of women in a family or society. The women must step out from home to democracy. This is the main key point to the agenda of national women parliament. In the 3-day NWP we get an idea how to choose our

lives and come out from the overcomes that women face in our country. Many inspirational speeches given by many eminent guests like Dr. Seema Rao 1st women commando trainer how she explained the life of a girl in her stage to stage. Dr. Saloni she is not only a doctor but also a subcollector. It shows the step up goals of a woman. Even a single problem we overcome for suicide but Laxmi who is an acid survivor on her 15 years of age but she does not take it as a problem. She overcame from stopping the acid attacks and stopping the purchase of acid. Not only one or more every woman faces a problem in her life but she must overcome when we are together with her. So women must empower together to move or step around the world and to fly the flag of women empowerment in the world. How come women are like a common balance as she balances the family inside and society on the other side. This sentence we just realize from the National Women's Parliament.



By
Ms. T. Revathi
Asst. Prof., ECE Dept.

IEEE Student Chapter (STB10042)



As per the proposed materialized by the ECE department about establishment of IEEE student branch is inaugurated successfully on 18/02/2017. In this regard the department invited an eminent personality **Dr. Lakshiminarayana Merugu, Chairmen ,IEEE Hyderabad Section** to inaugurate IEEE student branch. In this occasion the body and activities are explained by student branch counselor **Mr. Mourya** to the students and faculties. The eminent professionals stated that, **“A Student Branch gives students the opportunity to meet and learn from fellow students, as well as faculty members and professionals in the field. IEEE Student Branches are established at over 1,500 universities and colleges throughout the world. Student Branch activities offer numerous educational, technical, and professional advantages of IEEE membership through special projects, activities, meetings, tours and field trips.”** Listed below are some programs and projects that keep students interested in the Branch and its activities and their chosen profession



- participation in regional conferences, workshops and competitions
- development of leadership, interpersonal and team building skills
- participation in awards, scholarships and project/design programs and student paper contests
- establishment of a Student Branch Library with IEEE's publications
- access IEEE online services and resources

EXPERT LECTURE

The ECE association SPACE conducted an **“Expert Lecturer” on “GPS Signal Processing”** on 18th, February, 2017 from 11.30 AM to 12.30PM in the Seminar Hall. **Pr.G.Sai Bhushana Rao, Andhra University** is resource person for this lecture. This Expert Lecture is conducted to get the awareness among the students & faculty members towards GPS Signal processing & Navigation. The Resource person given the hands of experience on GPS Signal processing, Navigation and on the following concepts.....



- Common characteristics
- Legacy GPS signals
- Modernization and additional GPS signals
- Frequencies used by GPS
- Demodulation and decoding
- GPS Signal Structure
- GPS Signal Requirements
- Important Issues to Consider
- GPS signal strength - frequency domain



Upcoming Event :

NATIONAL CONFERENCE
on
KNOWLEDGE BASED INVENTIVE
TELECOMMUNICATION SYSTEMS
 NCKITS – 2017
16th - 18th March 2017

For details please visit : www.nckits.com