



SYNCOM

ECE Dept. NEWS LETTER

VOICE OF ELECTRONIC AND COMMUNICATION ENGINEERING

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Student Member's

Ms. B. Sai Anjani

Mr. Kovuri Amanath

Mr. G. Saketh

Ms. Ch. Kavya Sri



EDITORS

Dr. M. Siva Ganga Prasad

Mr. Maduguri Sudhir

Ms. K. Leela Rani



VISION, MISSION & PEO'S

Vision

Developing highly Qualitative, Technically Competent and Socially Responsible Engineers.

Mission

To provide quality education in the domain of Electronics and Communication Engineering through

- Enriched curriculum for addressing the needs of Industry.
- Effective teaching learning processes through congenial environment.
- Gaining contemporary knowledge through research, development, curricular, co and extra-curricular.

ECE Program Educational Objectives

Graduates of Electronics & Communication Engineering Shall

PEO1: Develop a strong background in basic science and mathematics and ability to use these tools in their chosen fields of specialization.

PEO2: Have the ability to demonstrate technical competence in the fields of electronics and communication engineering and develop solutions to the problems.

PEO3: Attain professional competence through life-long learning such as advanced degrees, professional registration, and other professional activities.

PEO4: Function effectively in a multi-disciplinary environment and individually, within a global, societal, and environmental context.

PEO5: Take individual responsibility and to work as a part of a team towards the fulfillment of both individual and organizational goals.

The institute is a symbol of egalitarian outlook without discretions. KITS student activity council is organized exclusively by students with representatives from various disciplines stands for the advocacy of democracy and leadership opportunities provided by the institute. KITS student clubs enable all the students and staff mingle freely to express their views and share their talents and expertise. **KITS imparts Outcome Based Education (OBE)** which gives equal opportunities to teaching and learning curricular, co-curricular and extra-curricular activities



COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH - INDIA (CSIR)

Sponsored

**3rd NATIONAL CONFERENCE ON KNOWLEDGE BASED
INVENTIVE ELECTRONICS & TELECOMMUNICATION SYSTEMS**

NCKIETS - 2019

15th - 17th March 2019, A.P. INDIA

NCKIETS-2019

Department of Electronics and communication engineering, KKR & KSR Institute of Technology and science, Guntur has organized a **National conference on Knowledge Based Inventive Electronics & Telecommunication System (NCKIETS -2019)** on 15th March to 17th March 2019. The prime objective of this conference is to promote research in science between the academic Institute and the industry for improving interdisciplinary cooperation at National level. The conference format includes keynote, oral presentation of scientific and Technical papers. All papers were selected with Double blind review with binary decision Method. In 257 papers 61 papers were selected by the reviewers by Double blind review with binary decision Method. The acceptance ratio is **23.73%**

ABOUT CSIR:

Council of Scientific & Industrial Research (CSIR), India, a premier national R&D organisation, is among the world's largest publicly funded R&D organisation. CSIR's pioneering sustained contribution to S&T human resource development is acclaimed nationally. Human Resource Development Group (HRDG), a division of CSIR realises this objective through various grants, fellowship schemes etc. Human Resource Development Group has been contributing significantly towards producing an inquiring society and fast growing knowledge economy. These numerous schemes cover a wide range of scientists.





The process of Registrations were done by the Ms.P.Kranthi & Mrs.T.Bhavani .The Inauguration Reception was compeered by the faculty representatives Mr.M. Sudhir , Mr. K.Mallikarjuna, Mr. M.Venu and Mrs. S. Thirumala Devi. The Chief Guest for this conference was **Dr. Soloman Raju , Principal Scientist, CSIR**. He entered into the seminar hall along with the HOD and Management members.



The hosts for the inauguration were Mr.Nikhil and Ms. Tanmayi. Then Our Chief Guest along with our Management members graced the dais. As a mark of our tradition and culture, the dignitaries lighted the Lamp.

It was followed by delivering a few messages by the **Dr. M.Siva Ganga Prasad** Conference Chair ,**Dr. M.Vasim Babu**Organizing Chair ,**Principal Sir, Secretary Sir , Chairman Sir and The Chief Guest**. Later the conference proceedings inaugurated by Chief Guest was **Dr. Soloman Raju , Principal Scientist, CSIR**. The Chief Guest, **Dr. Soloman Raju , Principal Scientist, CSIR**, in his keynote address, Discussed about “**Internet of things (IoT)**”.



The conference received good response from researchers, academicians and students. After the feedback from the participants, certificates were distributed to all the participants by chief guest. **Dr. Lakshmi Kantham Garu** was the Chief Guest for the valedictory. The Vote of Thanks was delivered by **Dr. M.Vasim babu** Associate Professor of ECE. On behalf of the department of Electronics and communication engineering, the hosting department, He extended her gratitude to the College Management, Principal, Vice Principal, HoD, Delegates, Panelists and Organizing Committee. The Conference came to end with the National Anthem.

#THINK EQUAL, BUILD SMART, INNOVATE FOR CHANGE



Theme of International Women's Day 2019

The theme for International Women's Day 2019, which will take place on 8 March, is "**Think equal, build smart, innovate for change**".

The theme will focus on innovative ways in which we can advance gender equality and the empowerment of women, particularly in the areas of social protection systems, access to public services and sustainable infrastructure.

On March 08th 2019 Women's day was celebrated in the KITS college. Few eminent personalities are invited by the KITS college. **Dr. Radhika**, **Mrs.G.Jayasree** and **Mrs.Janimun** were the two eminent speakers for the day.



Preparation of Women's Day Programme had started immediately after identifying the need for Women's motivation towards their duties. The approval for the Women's Day Programme was sought almost two weeks in advance. The circular was circulated among all lady faculty members and girls for their information. The Seminar was arranged well in advance.

It was an occasion for the members of the KITS family to pause for a moment and reflect on ourselves, to appreciate how much has been done and what more needs to be done in the field of gender equality. Moreover, it was the day to acknowledge all the men and women in the world for making this world a better place for everyone to live in.

Dr. Radhika, in his address to the gathering highlighted the Need of education of Women. Women should not be closed in her house. She explained her personal experience to get success in the real life. Her family members supported and encouraged her in every aspect.

Speaking at the gathering **Mrs.G.Jayasree** said "Women are very strong, They can achieve anything. Women should not hesitate to step forward. If women are educated then they will take care about the family"

Mrs.Janimun, in his address to the gathering highlighted society and women relationship. Women can take care of surroundings for better society.

International Women's Day is celebrated in the KITS College by the students and staff with great zeal and passion to increase the awareness about women's rights. This event celebration plays a great role in distributing the real message about the women's right and their place in the society. It promotes the

living condition of the women by solving their social issues. The objectives of women's day 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

STUDENT ACHIEVEMENTS:

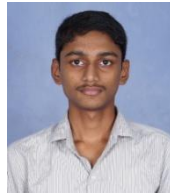
The following **II year students** presented a paper in **Council for Scientific & Industrial Research** sponsored **National conference on Knowledge Based Inventive Electronics & Telecommunication System (NCKIETS -2019)** on 16th March on "**Information Access from Vehicle Number Plate**"



**DURGA NAGA
SAI VENKATA
SREEJA T
17JR1A0421**



**DASARI
ANITHA
17JR1A0419**



**CH. JAIRAM
17JR1A0453**



**C.BASWANTH
VIGNESH
17JR1A0448**

The following **II year students** presented a paper in **Council for Scientific & Industrial Research** sponsored **National conference on Knowledge Based Inventive Electronics & Telecommunication System (NCKIETS -2019)** on 16th March on "**Energy Potency In Wireless Detector Networks**"



**T.R.Sai Suraj
17JR1A04H4**



**P.V.N.Sai Bharadwaj
17JR1A04G1**



Ms.P.Preethi (16JR1A04C5) and Ms. V.Tejaswi (16JR1A04D8) got Second Prize in Paper presentation in two day national level fest(KITS YUVA-2019 conducted on 1st and 2nd March 2019.



Ms.G.Sushma (16JR1A0418), Ms.G.Manasa (16JR1A0421) and Ms. G.Radha (16JR1A0424) got Second Prize in Technical Quiz in two day national level fest(KITS YUVA-2019 conducted

on 1st and 2nd March 2019.



Ms.P.Sahithi (16JR1A04C2) and Ms. V.Navya (16JR1A04E2) got First Prize in technical Treasure hunt in two day national level fest (KITS YUVA-2019 conducted on 1st and 2nd March 2019.



P

PLACEMENT



The following students are placed in various campus drive. Your ability has taken you to the new height of success, this great job is all because of your dedication and hard work and yes confidence too, many congrats to you, stay blessed!

S.No	Reg.No	Name	Company Name
1	15JR1A04D5	SHAIK.FATHIMA JEHERA	JRA
2	15JR1A04H7	VUTUKURI YASHWANTH	JRA
3	15JR1A04A6	KOVURI AMARNATH	SAVANTHIS
4	15JR1A04B8	NADIMPALLI MOURYA VAMSI	SAVANTHIS

5	15JR1A04D0	SANDHYARANI.TATANABOINA	SAVANTHIS
6	15JR1A04D2	SHAIK AYESHA	SAVANTHIS
7	15JR1A04B9	PALURI SRILATHAREDDY	SAVANTHIS
8	16JR5A0414	SHAIK KHAJA MOHIDDIN	SAVANTHIS
9	15JR1A0445	BOMMISSETTY PAVAN RAGHAVENDRA KUMAR	SAVANTHIS
10	15JR1A0463	KALLAM LAKSHMIDURGA	INFOMERICA
11	15JR1A0471	KOTHAPALLI SHANMUKHI	SL WORLD
12	15JR1A0466	KATTA.RAJESWARI	SL WORLD
13	15JR1A0479	MANDALAPU SAHITHI	SL WORLD
14	15JR1A0430	GUDURU APARNA	SL WORLD
15	15JR1A0442	GOPINADH BODAPATI	SL WORLD
16	15JR1A0443	BODEPUDI SRI HARSHA	SL WORLD
17	15JR1A0447	CHAKRAVARAM AMARESWARA RAJU	SL WORLD
18	15JR1A0402	AKURATHI SRILAKSHMI	SL WORLD
19	15JR1A04C8	RAVIPATI.SRI LAKSHMI	SL WORLD
20	15JR1A04D1	SHAIK ALEEMA KOUSAR	SL WORLD
21	15JR1A0493	INAMPUDI.SYAMMULLAR	SL WORLD
22	15JR1A0494	JANAKI RAMESH	SL WORLD
23	15JR1A0455	GADDAMUDISRINIVASARAO	SL WORLD
24	15JR1A0459	GOPIDESI NAGA SANKAR	SL WORLD
25	15JR1A04H4	UPPUTURI SIVAKRISHNA	SL WORLD
26	15JR1A04H5	V. VENKATA MANOJ KUMAR	SL WORLD
27	15JR1A04F2	NOORBHASHA . RASUL	SL WORLD
28	16JR5A0403	ALLA SIVARAMI REDDY	SL WORLD
29	16JR5A0404	ATTULURI RAVI KIRAN	SL WORLD
30	15JR1A0422	CHITTINENI LAKSHMI THIRUPATHAMMA	MIRACLE
31	15JR1A0423	CHITTIPOTHU YASASWINI	MIRACLE
32	15JR1A0464	KARETI MOUNIKA	MIRACLE
33	15JR1A0467	KOLA.CHAITHAYA RAMYA KRISHNA	MIRACLE
34	15JR1A04D3	SHAIK AYESHA	MIRACLE
35	15JR1A04A6	KOVURI AMARNATH	EVOSYS

FACULTY ACHIEVEMENTS:



Mrs.T.Bhavani participated in IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking 2019(ViTECon'19) on “**Investigation on EBG Structural CPWFED on Antenna for Wimax WLAN Applications**”



Mr.Maduguri Sudhir presented a paper in Council for Scientific & Industrial Research (CSIR) sponsored National conference on “**The Cognizance of Brain Tumor by using Trilogy of MSG Algorithm**”



Mr. A Sarat attended for a Two day Workshop on “**Wireless networks using NS-3**” organised by Bapatla Engineering College on 29th and 30th March 2019.



Ms.K.Leela Rani presented a paper in Council for Scientific & Industrial Research (CSIR) sponsored National conference on “**A Novel Design of Hexadecagon Circular Patch Antenna for Multi Frequency of Operation in Satellite Communications**”

INDIA'S 'BAAHUBALI' ROCKET



The Indian Space Research Organisation (ISRO) on Wednesday put into orbit India's latest communication satellite amid concerns over Cyclone Gaja spoiling the launch. GSAT-29, a 3,423 kg advanced communications satellite, is also the heaviest ISRO has put into orbit. The launch of the rocket GSLV-Mk III D is instrumental for ISRO as it will be used for the ambitious Chandrayaan II and the manned space mission Gaganyaan. GSLV-Mk III is capable of launching 4-tonne satellites, pushing India into the big boys' space club.

First orbital test launch:

ISRO successfully conducted the orbital test launch of GSLV-Mk III D by placing the GSAT-19 satellite in a geosynchronous transfer orbit on 5 June 2017. The first operational mission of this vehicle is going to be the January 2019 [Chandrayaan II](#) mission. The rocket took 15 years to make.

Payload:

GSLV-Mk III is designed to carry 4-tonne satellites into geosynchronous transfer orbit or 10-tonne satellites into low earth orbit. This is about twice the capability of GSLV-Mk II.

Three-stage launch vehicle :

It is a three-stage launch vehicle with two solid strap-ons, a liquid core stage and a cryogenic upper stage. Compared to the solid and liquid stages, the C25 cryogenic stage is more efficient as well as complex.

Power :

GSLV-Mk III is 43 meters tall and even though it is the heaviest among India's operational launch vehicles, it is also the shortest. GSLV-Mk III weighs 641 tonnes, which is equal to the weight of five fully loaded passenger planes.

Cost per launch :

Each launch of GSLV-Mk III costs upwards of ₹ 300 crores to the space organisation.

By/
C.BASWANTH VIGNESH
17JR1A0448

**THE ART
OF COMMUNICATION IS
THE LANGUAGE OF
LEADERSHIP...**
- James Humes

KITS KKR & KSR INSTITUTE OF
TECHNOLOGY & SCIENCES

Department of Electronics and Communication Engineering

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING