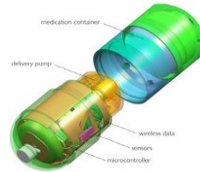




About Department | Page 02
Results | Page 03
Faculty Orientation Program |Page 05
Faculty Article | Page 08
WORK SHOP | Page 09
Yoga Day | Page 11
Placements| Page 12



Yoga for Harmony & Peace

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158

RESULTS



KKR & KSR Institute of Technology & Sciences

(Approved by AICTE New Delhi, Affiliated to JNTU Kakinada, Accredited by NAAC with "A" Grade)



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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.








IV-II :

The Department of Electronics and Communication Engineering Heartily congratulated all the toppers of 2018 pass out students for fabulous performance in the last semester Exams. Let this be considered as a source of inspiration to the entire students of the department and an impetus to excellence. Big thumbs to all the faculty members who prepared the students for such a great success.

NO.	REGDNO	NAME	PERCENTAGE	PHOTO
1	14JR1A0481	MANNE MOUNICA	82.82	
2	14JR1A0436	JALIREDDY VENKATA KRISHNAVENI	81.66	
3	14JR1A04D6	TIPPANABOINA KEERTHI	81.56	
4	14JR1A0416	BODAVULA JAYASREE	80.13	
5	14JR1A0427	DOPPALAPUDI APARNA	79.89	






III-II:

Make it a habit of bringing success and prosperity to kindle branch of ECE, we heartily congratulate the toppers of IV year students for magnificent performance in III years II Semester Exams. We encourage you to continue the same tempo in the upcoming semester.

NO.	REGDNO	NAME	PERCENTAGE	PHOTO
1	15JR1A0482	MOCHARLA NAGA SUMA	87.74	
2	15JR1A0486	MUVVA SIRISHA	85.94	
3	15JR1A0420	CHINTALA TEJASWI	85.81	
4	15JR1A0404	ANKOLU VIJAYALAKSHMI	84.52	
5	15JR1A0425	DIVVELA SAI YAMINI	84.26	

II-II:

Congratulations to toppers of III years for magnificent performance in II-II exam. Let this be considered as a source of inspiration to the entire students of the department and an impetus to excellence. Big thumbs to all the faculty members who geared up the students for such a great triumph.

NO	REGDNO	NAME	PERCENTAGE	PHOTO ID
1	16JR1A04D9	VIPPARLA VENKATA SAI VASANTHA	8.64	
2	16JR1A0459	KATREDDY NAGARJUNA REDDY	8.64	
3	16JR1A0426	KAKANI MOUNICA	8.50	
4	16JR1A04D0	SYED HASEENA	8.36	
5	16JR1A04E2	VUTLA NAVYA	8.23	

THE Faculty Orientation Programme

KITS conducted a Faculty orientation program to improve class room interaction. The aim of the program is “How to make the class room interactive” and “How to make student active”.

The resource person for this program is **Dr.N.Aravind** of S&H Department. He started the program with the explanation of gestures and words. He said the gestures should match with the words then only a proper result will come. He made the all the faculty sitting in groups to perform various tasks.



07th June 2018 (Day 01)

Task 01:

He asked the all the faculty members about the definitions and difference of the following class rooms

1. **Teacher centric class room**
2. **Student centric class room**
3. **Content Centric class room**

In each class room he wanted to know the role of teacher , role of student, role of content and role of teaching aid.

Task 02:

The resource person explained about the TTT (Teacher Talk Time) and STT (Student Talk Time) with the faculty members .

He asked the all faculty members to explain the answers for the following questions

1. **How many minuets will you teach in the class room?**
2. **What we can do if the interest of the student goes down?**
3. **How make the content effectively?**

After the discussion of all the faculty members, some conclusions were made

- ✓ Try to increase the STT.
- ✓ Use effective communication.
- ✓ Discuss MILY (Most Important Lesson of yesterday)
- ✓ When interest goes down shift to interaction from the presentation
- ✓ Make students to conclude the session.
- ✓ Encourage peer group attention

08th June 2018 (Day 02)

The day two started with the opening remarks of the resource person. He explains about attitude. He defines attitude as

Attitude is a state of mind influenced by our feelings, our believes, our interaction and our emotions. These elements influenced and results the attitude. He said "Attitude is not static".

Our HOD sir explained about the student- Teacher relation ship with help of telugu shlokas

“ గమ్యం తెలియని జీవనానినికి దారి చూపే దీపం -
చదువు

విద్యార్థి జీవనం సజావుగా సాగడానికి ఆ దీపాన్ని భద్రంగా
పట్టుకుని వుండే జ్ఞానాధారం - గురువు

విద్యార్థి అనే మహా యాగాన్ని నిర్వహించే బ్రహ్మ -
గురువు”

-Dr.M.Siva Ganga Prasad



In the morning session of the second day all the faculty members are made to sit in groups and discussed about the following things

1. Attitude of teacher towards self
2. Attitude of teacher towards student
3. Attitude of teacher towards Content
4. Attitude of teacher towards Class room Environment

The take away points of the first session

- ✓ The faculty must be passionate about the subject he is teaching
- ✓ He must be a continuous learner
- ✓ Give the clarity than the confusion
- ✓ The teacher has to act like parent or friend based on situation.

Task 04:

In this session the resource person discussed about the body language, Para language and the language

Whether you're teaching second grade students, a graduating high school class or a roomful of engineering majors in college, body language can play a large

part in how successful your classrooms become. Inside a classroom, your body language will often dictate your presence and your students will respond accordingly. This being the first impression of a teacher should be very appealing. Walking tall, with body erect and shoulders straight engenders confidence which eventually helps to be an effective leader.

The take away points

- **Avoid Standing Behind The Table Too Long.**
- **Use The Whole Classroom.**
- **Be aware of your facial expressions**
- **Make eye contact**
- **Use sense of humor**

Paralanguage is the area of non-verbal communication that emphasizes body language and voice nuances as means of expressing thoughts and feelings. People normally use paralanguage multiple times per day and are sometimes not even aware they are doing so. The ability to interpret this kind of human communication correctly is considered an important competency in both personal and professional settings. Body language often conveys just as much meaning as spoken words. Good communicators also have the ability to gauge how their own paralanguage affects others and to alter it so as to gain others' trust and to project confidence.

Teacher language—what we say to students and how we say it—is one of the most powerful teaching tools. Through careful use of language, we can support students as they develop self-control, build their sense of community, and gain academic skills and knowledge

- Be direct and genuine
 - Convey faith in children's abilities and intentions
 - Focus on action
 - Keep it brief
 - Know when to be silent

09th June 2018 (Day 03)

The aim of this session is “ **English for teaching Science**”

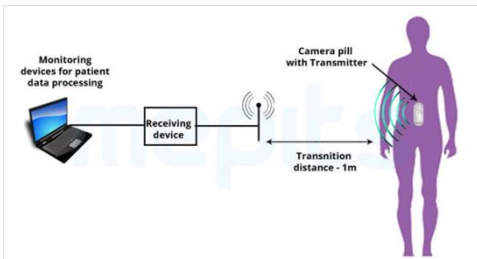
In this session focused on articles, how to make singular and plural sentences

At the beginning of the session the resource person explains how a noun produces a verb.

Director- Direct, Producer-produce, Actor-Act, Teacher-teach, Keeper-keep... etc.

At the end of the session all the faculty members expressed their vies on the orientation program with heart full of thanks

ELECTRONIC PILLS - COLLECTING DATA INSIDE THE BODY



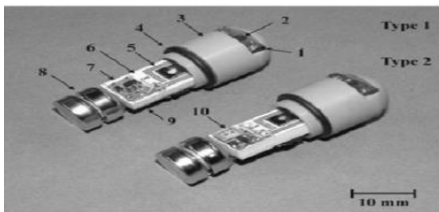
After years of investment and development, wireless devices contained in swallowable capsules are now reaching the market. The researchers at the University in New York have developed ingestible capsules that record data from inside your body.

These pills contain sensors or tiny cameras that collect information as they travel through the gastrointestinal tract before being excreted from the body a day or two later.

These new electronic inventions transmit information such as acidity, pressure and temperature levels or images of the esophagus and intestine to your doctor's computer for analysis.

Doctors often use invasive methods such as catheters, endoscopic instruments or radioisotopes for collecting information about the digestive tract. So device companies have been developing easier, less intrusive ways, to gather information.

A Microelectronic pill is basically a multichannel sensor used for remote biomedical measurements using micro technology. This has been developed for the internal study and detection of diseases and abnormalities in the gastrointestinal (GI) tract where restricted access prevents the use of traditional endoscope.



Microelectronic pill consists of 4 sensors (2) which are mounted on two silicon chips (Chip 1 & 2), a control chip (5), a radio transmitter (STD- type 1-7, type 2-crystal type-10) & silver oxide

batteries (8). 1-access channel, 3-capsule, 4-rubber ring, 6-PCB chip carrier.

-/Mr. M.Venu, Asst. Prof.

The ECE department association "SPACE" conducted a two day work shop on 20th and 21st June 2018 in Seminar Hall. The resource persons for this work shop are Er.Raman Grover, Director Operations Cinif Technologies and Er. SahilSaini, Assistant Manager (Technical), Cinif Technologies. The topic of work shop is "ADVANCED TELECOMMUNICATION NETWORKS WORKSHOP". This work shop is conducted to bring the awareness about Telecommunication Technologies used around the world.



On first day the resource person explained about Evaluation of telecommunication along with

- Triple C concept : Circle, Cluster ,cell
- Cell sectorization
- RF planning
- GSM
- LOS (Line of Sight)



On second day they explained about 5G. Wireless networks are composed of cell sites divided into sectors that send data through radio waves. Fourth-generation (4G) Long-Term Evolution (LTE) wireless technology provides the foundation for 5G. Unlike 4G, which requires large, high-power cell towers to radiate signals over longer distances, 5G wireless signals will be transmitted via large numbers of small cell stations located in places like light poles or building roofs. The use of multiple small cells is necessary because the millimeter wave

spectrum -- the band of spectrum between 30 GHz and 300 GHz that 5G relies on to generate high speeds -- can only travel over short distances and is subject to interference from weather and physical obstacles, like buildings.

Previous generations of wireless technology have used lower-frequency bands of spectrum. To offset millimeter wave challenges relating to distance and interference, the wireless industry is also considering the use of lower-frequency spectrum for 5G networks so network operators could use spectrum they already own to build out their new networks.

Important Advantages

There are several advantages of 5G technology, some of the advantages have been shown in the above Ericsson image, and many others are described below –

- High resolution and bi-directional large bandwidth shaping.
- Technology to gather all networks on one platform.
- More effective and efficient.
- Technology to facilitate subscriber supervision tools for the quick action.
- Most likely, will provide a huge broadcasting data (in Gigabit), which will support more than 60,000 connections.
- Easily manageable with the previous generations.
- Technological sound to support heterogeneous services (including private network).



In the valedictory function, Some of our of our students gave the feedback on the workshop and expressed their gratitude of thanks to the Resource persons, Department and College. They requested the Principal and Hod to Organize hands on experience work shop on telecommunication. And they are very interested to participate hands on experience workshop on the telecommunication network. After the messages of Principal sir and HoD the chief guest honored by the Principal sir with a Shalv and Memento. The Vote of Thanks was delivered by Mr. Ch.Chandra Sekhar Reddy, Assistant Professor of ECE. The Workshop came to end with the National Anthem.



Celebrate with us

International Yoga Day

21 JUNE

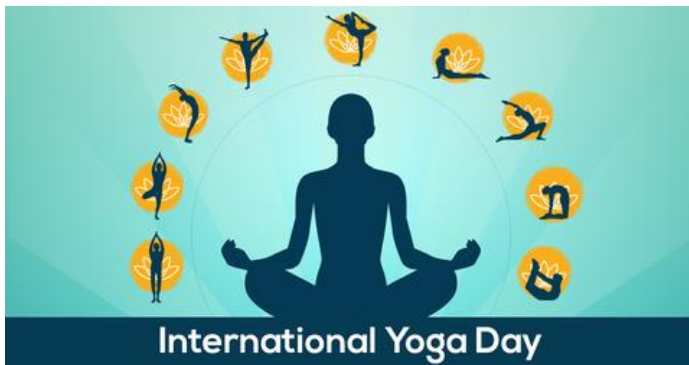


The theme of International Yoga Day 2018: Yoga for peace

Initiated with a proposition by Indian Prime Minister Narendra Modi, June 21 was proclaimed International Yoga Day by the United Nations on Dec. 11, 2014. The aim of worldwide recognition was to primarily raise awareness on the benefits of yoga.

Today, the U.N. resolution is endorsed by 179 countries. Four years ago, in his address to the General Assembly, Prime Minister Modi said: "Yoga is an invaluable gift from our ancient tradition. The choice of June 21 was by no means a coincidence. The longest day of the year symbolizes light, clarity, strength, and forces of wisdom for many philosophic streams.

On this eve the KITS College celebrated YOGA day. All students and faculty members actively participated in YOGA in the college premises. One of the Faculty Said "Yoga is not just about exercise; it is a way to discover the sense of oneness with yourself, the world and the nature."





ABOUT 2017-18 PLACEMENTS (ECE DEPARTMENT):

The Training & Placement Cell of the College has proudly announce the placement of 158 for the students of 2014 – 2018 batch of ECE till date and the count will increase in the coming days. The Management, Principal, Faculty and Staff Members wholeheartedly Congratulate and Wishes the Placed Students and Placement Coordinator & his team for their effort in placing the students.

158

In these times, where most of students are struggling to carve the future for themselves, KKR & KSR Institute of Technology and Sciences have achieved something exceptional. Just as we promised, we have supported our students with the maximum effort in securing themselves a job of their choices. We brought campus placement with industry leading companies. The efforts we jointly put forth, has been rewarded. We were one of the few institutions, who have managed to bring campus placements for engineering students.

We wish you, the best for your future. We hope you would become engineers of high standards, this country might celebrate. Always bear in mind, integrity comes before everything! We are so happy for the successful completion of your course and for securing the job of your choice in industries. No matter, where you all go, you are always the shining students of KKR & KSR Institute of Technology and Sciences.

We would like to thank the companies, which recognized the talents of our students. We thank you for the support! We hope our students will be a valuable asset to your companies. We also hope you would continue to support us in the future.