

TechnoPhilia

Create Stimulate Emulate

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About the Department

The KKR & KSR Institute of Technology and Sciences was established computer science and engineering stream in the year of 2008. The Department of Computer Science and Engineering educates knowledge of computer and it's engineering. Almost all fields are computerized to have an ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting. The B.Tech computer engineering program includes computer operations on different languages, data generation, collection and utilization of information. The Department is implementing OBE based education.

Vision	Mission
To become a reputed center in computer Science and systems engineering for quality, competency and social responsibility	<ol style="list-style-type: none">1. Providing a strong theoretical and practical education in a congenial environment.2. Providing additional skills and training to meet the current needs of the industry.3. Inculcating ethical values to meet the challenges of life with courage and confidence.

Department Events

Department of CSE organized Seminar on how to write a research paper and Development of business intelligence system. 06-02-2023

About the seminar:

You are a re-entry student and it's been fourteen years since you've written a paper. You coasted through high school on your charm and good looks and never actually wrote a research paper. You have written research papers, but every time is like the first time, and the first time was like a root canal. How do you start? Here is a step-by-step approach to starting and completing a research paper.

1. Choose a topic.
2. Read and keep records.
3. Form a thesis.
4. Create a mind map or outline.
5. Read again.
6. Rethink your thesis.
7. Draft the body.
8. Revise.
9. Add the beginning and end.
10. Proofread and edit.

About the Chief Guest:

Dr Jonnadula Harikiran

Associate Professor and dean research and development of vit ap university

1. Objectives of the Event:

The objective of this seminar is to achieve knowledge in the direction of the theoretical and practical aspects of electronic sensors. It will also serve as a forum to present the results of research work on topics ranging from the protocols to developed models used for next generation systems and several applications.

The main objective of this webinar is to know about Gradual improvement in overall device performance rather than the development of fundamentally new types of sensors in

physical activity measurement devices. Breakthroughs will likely result from using multi-modal sensor fusion—combining data from several types of sensors, sometimes located on different parts of the body or in the environment—into a single system that is then used to infer precise, second-by-second detail about physical activity type, amount, and location. These changes, in turn, will create new opportunities in methods. New monitors should permit longer-term, lower-cost, higher-compliance deployments enabling a broader spectrum of physical activity concepts to be simultaneously measured in real-life settings.

2. Venue of the Event:

The event is seminar hall of second floor and new block.

3. Date & Time of the Event: The Event is organized on **06-02-2023**

4. No. of faculties participated: 30

5. Benefits in terms of learning/Skill/Knowledge obtained.

Seminars are an essential part of academic life, Listeners will get the knowledge on the following topics.

- Emerging Trends in Technology
- Raw Data Processing Devices Multiple Sensor Data Fusion
- Activity/Context Inference Using Statistical Pattern Recognition
- Wireless Data Exchange Facilitating multiple data sensor fusion
- Personal Health Monitoring Devices
- Compliance and Compliance Monitoring
- Ubiquity of Mobile Phones
- Context-Sensitive Ecological Momentary Assessment for Self Report
- Advances in Web-Based GIS Mapping Systems
- Human sensors

6. One Participant Feed Back:

I am Dr G Rajesh Chandra Assoc.Professor in CSE department in KKR &KSR Institute of Technology and Sciences. I have attended **seminar on how to write a research paper and development of business systems on 6th Feb 2023**. First of all I want to thank my college management who provided such facility for all of us to learn and experience these events. In this regard my sincere thanks to AICTE-MHRD-IIC, who have been conducting such type of events for the faculty and student nourishment.



**CSI Student Chapter, KITS,
organized competition on “Coding Decoding”
on 07.02.2023**

1).Description:

In simple terms, coding is actually a process in which a word or a series of numbers of encrypted in a specific code or pattern designed on a certain set of rules. On the other hand, decoding is the opposite which aims to decrypt a particular code based on finding a common pattern or structure.

Coding decoding is an interesting topic to begin the student’s preparations for the competitive exams. It can be simply understood as a set of questions that are based on certain hidden rules, finding which students have to de-code the message and deliver the right answer.

2).Participants: 62 students participated

3).Winners:

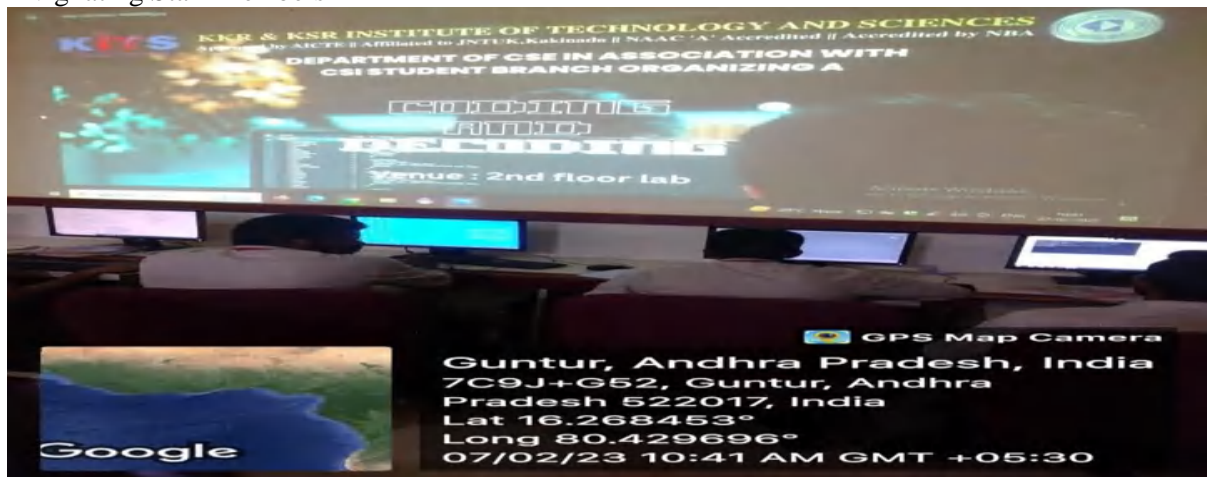
First place: G. ESWAR KUMAR

Second place: D. SINDHU GOWRI

Third place: A. MOUNIKA



Invigilating Staff Members



Students trying to solve the coding



**CSI Student Chapter, KITS,
organized special event on “Placements Ready Drive”
on 10.02.2023**

1).Description:

Freshers who can prove a reasonable to high ability in the job areas will be in demand, and get the best job offers. These candidates are given a higher preference, and actively pursued by companies for pre-placement offers (ppo), or during main campus placement in the final year, and or even after.

While academic inputs prepare students thoroughly and intellectually, the work challenges that the student will find themselves in due course would require additional interpersonal and business skills that are not part of the regular curriculum in many institutions today. Moreover, expectations and responsibilities in the workplace are very different than those in college. It can be broadly divided into two areas.

- i) Communication and soft skills ii) Quantitative aptitude and logical reasoning

2).Resource Persons:

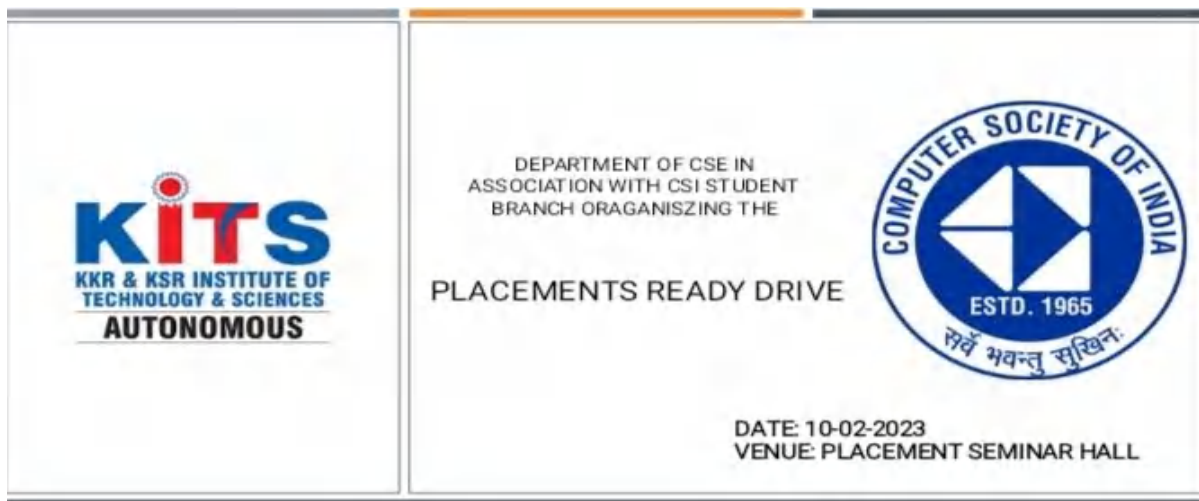
1. Dr. N. Aravind
2. V. Srinivasa Rao

3).Topics Covered:

1. Self-introduction relevant to a Recruiter
2. To develop positive attitude
3. To develop communication skills

4).Participants: 192 students participated

Banner:



Photos:



Sirs introduces about this event



Senior Students who got jobs discussing about campus drive questions

**CSI Student Chapter, KITS,
organized poster presentation on “Recent Technology”
on 10.02.2023**

1).Description:

A poster presentation is a way to communicate Student’s research on Recent Technology or understanding of a topic in a concise and visually engaging format. A poster presentation usually includes two elements: a poster. a brief verbal explanation of the poster content or topic (often less than 5 minutes).

2). Poster Presenters (Students) :

- i. R.Sumana (Cloud Computing)
- ii. Sk. Karishma (Devops)
- iii. N. Tejaswi (Hadoop Echo System)
- iv. D.Mohan (Quantum Computing)
- v). B. Yaraswini Sai (Space Science)
- vi). Ch. Sai Manohar (chatGPT)
- vii). K. Sriya (Robotic Process Automation)
- viii). G. Sowmini Priyanjali (Edge Computing)
- ix). Ch. Hemanth Naga Sai (CHATGPT)
- x). K. Kavya Sri (AI with Python)

3). Viewers : 58 students

Photos:





**CSI Student Chapter, KITS,
organized power point presentation on “Innovation Ideas”
on 02.02.2023**

Due to the rapid progress in technology, there are many new ways of learning that have started to expose Innovative Ideas. These methods attract the mind of most students. It is interesting and better than the traditional methods in many ways. These methods spark curiosity in the mind of the students. The whole process of education can sometimes feel tedious for students. The students nowadays are more friendly

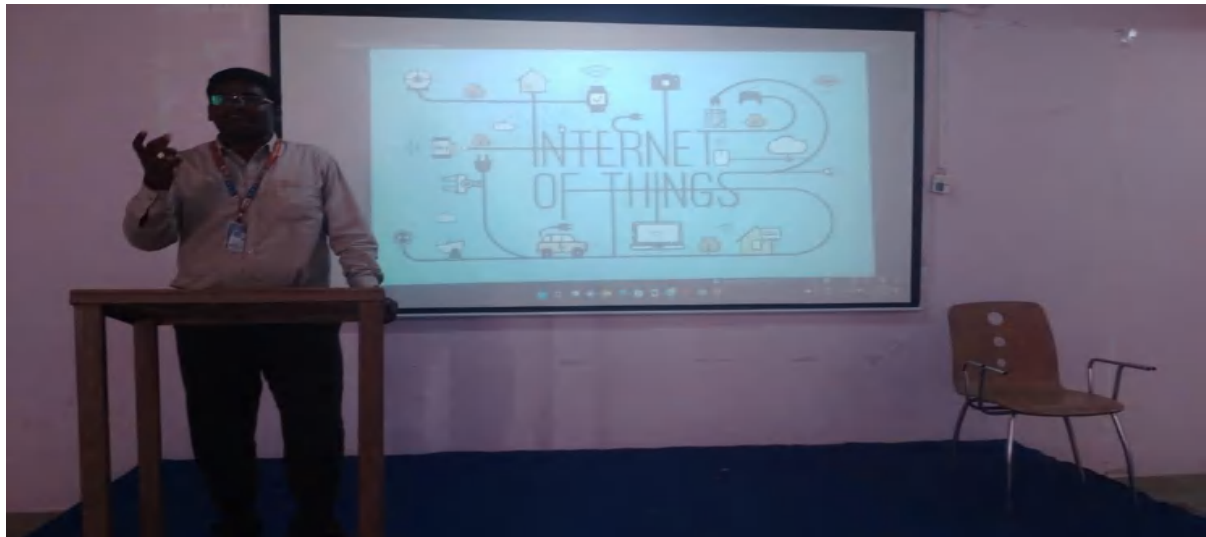
with tech devices. So, to make it less boring need to start innovative ways that involve technology. The effect of using PowerPoint presentations on student's learning is huge.

- **Power Point Presenters (Students):**

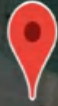
- i). ALLA MANJU HARIKA (AI – An Emerging Technology)
- ii). ARUGU SINDHUJA (IOT – THE WORKING PRINCIPLE)
- iii). B.REVATHI (Blockchain Technology - Overview)
- iv). DARAM BHAVANA SAI (BLOCKCHAIN - AN EMERGING TECHNOLOGY)
- v). SAILU DASARI (Cyber Security)
- vi). P MEGHANA (IOT – The Latest Applications)
- vii). K. SHOWRIBABU (IOT – New Technologies)
- viii). JAKKAMPUDI RAGAPPUJITHA (ML - AN EMERGING TECHNOLOGY)

- **Viewers: 55 students**





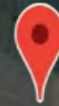
GPS Map Camera



Guntur, Andhra Pradesh, India
Unnamed Road, Andhra Pradesh
522017, India
Lat 16.256681°
Long 80.442909°
02/02/23 01:29 PM GMT +05:30

Google

GPS Map Camera



Guntur, Andhra Pradesh, India
Unnamed Road, Andhra Pradesh
522017, India
Lat 16.256681°
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02/02/23 01:32 PM GMT +05:30

Google



Madams and Students listening on PPT Presenters talk

Department of Computer Science and Engineering
Organized 5-DAYS FDP on "Artificial Intelligence and Machine Learning "
in association with Centre for Continuing Education,NITW
from 27.1.2023 to 31.1.2023

To meet the ever-demanding prerequisites of the knowledge in Advanced Research Applications, program have always been an effective tool to enrich the faculty community. This "5 Days Faculty Development program on "ARTIFICIAL INTELLIGENCE and Machine Learning" is conducted by the Department of Computer Science and Engineering, KKR & KSR Institute of Technology and Sciences. 80 Faculty members were participated. The participants obtained deep insights on **ARTIFICIAL INTELLIGENCE and Machine Learning**

Team Members of STC Program

CHIEF PATRONS

Shri Koyi Subbarao, Chief Parton, Chairman

Shri Koyi Shekar, Chief Parton, Secretary

PATRONS

Dr. P. Babu, Parton, Principal

Dr. K Hari Babu, Parton, Academic Director

PROGRAM CHAIR:

Prof. R. Ramesh, Head of CSE

PROGRAM Co-ordinator:

Dr.A.Suneetha, Associate Professor, Dept. of CSE

Details of Resource Person

1. Prof.N.V.Ramamarao
Director NIT Warangal
2. Dr.Bhukya Raju
NIT Warangal
3. B.Prasad & Team
K4U Infotech
4. Dr.Nishanth Karthik
5. Dr.Santhosh---IIT Ropar



**SCHEDULE for a Five days Online Short Term Course (STC) on
“Artificial Intelligence and Machine Learning”**

27th January to 31st January 2023)

Organized by the DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES, Guntur

In association with the

Center for Continuing Education, NIT-WARANGAL

SCHEDULE:

Day/Date	Slot -1		Slot -2
Day 1 :	Inauguration	BREAK	Basics of Python Programming - Introduction to Python - Indentation, Python Variables, Python Data Types - Numbers, String, lists, tuples
Day 2 :	Python Applications for AI/ML, ML tools and techniques, Simple and multiple linear regression		Using Python - Data Processing and Data Visualization Using - Pandas, Numpy
Day 3 :	Neural networks and multilayer perceptron, Back propagation CNN applications.		Heuristic and metaheuristic techniques in AI.
Day 4 :	Supervised learning like regression, Unsupervised Machine learning algorithms like SVM, KNN etc.		Deep learning techniques like single and multi-layer perceptron, LSTM.
Day 5 :	Advanced research applications in Machine and deep learning.		Deep learning Algorithms

Prof. N. V. Ramanarao Director NIT Warangal	Dr. Bhukya Raju NIT Warangal	B Prasad & Team K4U Infotech
Dr. Nishanth Karthik	Dr. Santhosh IIT Ropar	

The screenshot shows a GoTo meeting interface. At the top, the browser address bar displays 'app.goto.com/meeting/626832405'. The meeting title is 'Everyone'. The main area is a grid of participant tiles, each with a name and a microphone icon. Some tiles are muted (indicated by a red slash). A chat window is open on the right side, showing a list of messages. The messages are:

- MS 07:24 PM MALOTH S... to Everyone
Not audible sir
- MF 07:26 PM MOHD FAIS... to Everyone
Voice not audible
- M 07:26 PM M.Alekhy... to Everyone
Voice not audible sir
- AV 07:27 PM Ashok Vardan to Everyone
how to print side by side... not in new line...
- MF 07:27 PM MOHD FAIS... to Everyone
Sir voice not audible

At the bottom of the meeting interface, there are controls for recording, reacting, microphone, camera, and screen sharing. A notification bar at the bottom of the screen indicates 'app.goto.com is sharing your screen.' with 'Stop sharing' and 'Hide' buttons. The Windows taskbar is visible at the very bottom, showing the search bar and system tray.

- You have to use the **same number of spaces** in the **same block of code**, otherwise Python will give you an error:

Example 4:

```
if 5 > 2:  
    print("Five is greater than two!")  
    print("Five is greater than two!")
```


Human-Computer Dialogue Systems

- Usually with the computer modelling a human dialogue participant
- Will be able:
 - To converse in similar linguistic style
 - Discuss the topic
 - Hopefully teach

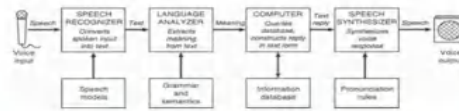
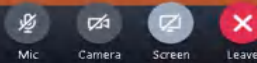
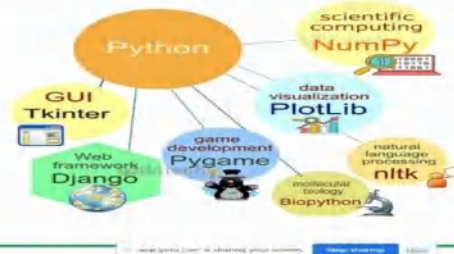


FIG. 1. A human-machine dialogue system.

Dr. Raddy is presenting



Activate Windows
Go to Settings to activate Windows.



The slide is titled 'List Methods' and contains the following text:

- Python has a set of built-in methods that you can use on lists.

Method	Description
<code>append()</code>	Adds an element at the end of the list
<code>clear()</code>	Removes all the elements from the list
<code>copy()</code>	Returns a copy of the list
<code>count()</code>	Returns the number of elements with the specified value
<code>extend()</code>	Add the elements of a list (or any iterable), to the end of the current list
<code>index()</code>	Returns the index of the first element with the specified value
<code>insert()</code>	Adds an element at the specified position
<code>pop()</code>	Removes the element at the specified position
<code>remove()</code>	Removes the item with the specified value
<code>reverse()</code>	Reverses the order of the list
<code>sort()</code>	Sorts the list

STUDENT ACHIEVEMENTS

Campus Placement Details

Our 2019-23 batch students got placed in several companies in this Academic year. The table gives the summary of campus placements conducted up-to 31st January, 2023.

S. No	Name of Company	No of students Selected
1	HCL	22
2	HEXAWARE	07
3	SNOVASYS	05
4	ZEN TREE LABS	02
5	DHRUVSOFT	04
6	TECH-MAHINDRA	14
7	CLARIVATE ANALYTICS	04
8	SLK-SOFTWARE	10
9	MIRACLE SOFTWARE	18
10	ACCENTURE	01
11	CGI	27
12	KODNEST	03
13	APPS ASSOCIATES	05
14	TCS	03
15	KPMG	02
16	TAP ACADEMY	03
17	TURING MINDS	05
TOTAL OFFERS: 135*		

****Still Counting****

Heartly Congratulations to all the selected Students