



NEWS LETTER
TECHNO PHILIA
COMPUTER SCIENCE AND ENGINEERING

WE CREATE, WE STIMULATE, WE EMULATE



Editors

R.Ramesh Professor, CSE

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Advisor

Dr. R.V. Kishore Kumar, CSE

Dr.Ch.Aruna Professor, CSE

Dr M S S Sai Professor, CSE

Dr Murali Professor, CSE

G. Anupama

K. Jeevan Ratnakar

M. Ratnakanth

D Jhansi Rani

Student Coordinators

Navullru Mounica

Devika

A Navya Sree

Arun Roy

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KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

VINJANAMPADU, VATTICHERUKURU MANDAL,

GUNTUR, ANDHRA PRADESH 522017

About the Department

The KKR & KSR Institute of Technology and Sciences was established computer science 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

- ❖ To become a reputed center in computer Science and systems engineering for quality, competency and social responsibility

Mission

- ❖ Providing a strong theoretical and practical education in a congenial environment.
- ❖ Providing additional skills and training to meet the current needs of the industry.
- ❖ Inculcating ethical values to meet the challenges of life with courage and confidence.

Department Achievements

Staff Achievements

- ✓ Akula Suneetha, ROBUST MALWARE DETECTION, International Journal of Analytical and Experimental Model Analysis, ISSN: 0866-9367
- ✓ Akula Suneetha Underground Cable Fault Detection using GSM, International Journal of Analytical and Experimental Model Analysis, ISSN: 0866-9367
- ✓ Dr.Venkata Kishore Kumar Rejeti , 5th ternational Conference on Communication and Electronics Systems(Proceedings by IEEE xplore), 10-12, June, 2020 by PPG Institute of Technology, Coimbatore, Presented paper on "Blockchain Technology for Fraudulent Practices in Insurance Claim Process

The following faculty completed the online courses.

Staff Name	Course Name
Kotha Chandana	Got certificate for course completion of "Programming for Everybody(Getting started with Python)" from coursera on 22-june-2020
P.G.K.Sirisha	Introduction to Big DATA on 5-6-2020
P.G.K.Sirisha	Python Programming for everybody on 4-6-2020
P.G.K.Sirisha	Data Science Methodology on 5-6-2020
A.SUNEETHA	Using python to access webdata completed on 13-6-2020
A.SUNEETHA	Using databases with python completed on 14-6-2020
Dr.Venkata Kishore Kumar Rejeti	Completed 21 Days cnav7 Online training organized by Networking Academy in association with CISCO from 22nd June, 2020 to 12th July, 2020.

The Following Faculty have been done following fdps virtually

Faculty Name	FDP	Place	Date	No. of Days
Prof. Veera Raghavarao Atukuri	Faculty Program On NBA	Barathi Vidyapeeth College Of Engineering	5th September 2020	1
Konduru Siva Naga NarasimhaRao	Advances in Artificial Intelligence,Data Science and Cloud Computing	Department of CSE,Chebrolu Engineering College	5th to 7th June,2020	3
Konduru Siva Naga Narasimharao	AWS Cloud Computing Services	Department of CSE, Joginpally B.R Engineering College	3rd June,2020	1
Mylapalli Ramesh	Cyber Security	Department of ECE in association with ISTE and INDIAN SERVERS	3rd to 5th June,2020	3
Prof.R. RAMESH	Advancements in Signal processing and optimization techniques	KITS, Guntur	3 rd to 7 th June, 2019	5
Mrs. G. Hemalatha	Advancements in Signal processing and optimization techniques	KITS, Guntur	3 rd to 7 th June, 2019	5
Jaladi Praveena	Role of Teachers in Quality Enhancement and Accreditation	Shantiram Engineering College,Nandyal	5th June to 11th June,2020	7

Suresh Mundru	Advances in Artificial Intelligence, Data Science and Cloud Computing	Chebrolu Engineering College, Guntur	5th June to 7th June, 2020	3
Karlapudi Krupa	Blockchain Technology	Department of CSE, KITS, Guntur	8th to 12th July, 2020	5
Mrs. jaladi Praveena	Data Science and Machine Learning (A practical approach)	KITS, Guntur	8th to 12th June, 2020	5
Mrs. jaladi Praveena	Python 3.4.3	Spoken Tutorial IIT Bombay PMMMMNTT.	8th to 13th June, 2020	6
Karlapudi Krupa	Python 3.4.3	Spoken Tutorial IIT Bombay PMMMMNTT.	8th to 13th June, 2020	6
Suresh Mundru	Python 3.4.3	Pragati Engineering College	8th to 13th June, 2020	6



KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

(Accredited by NBA | "A" Grade by NAAC | Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada)

Vinjanampadu (Vil), Vatticherukuru (Md), Guntur (Dt), A.P. India -17.



A Webinar on

Block Chain Technology & It's Applications

20th June 2020

By

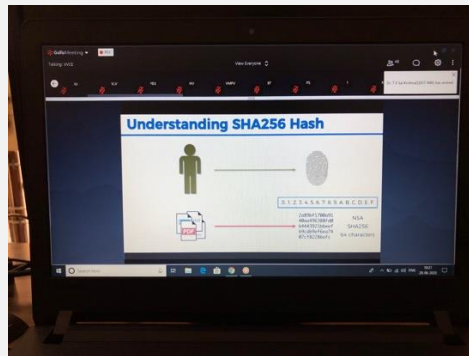
Dr. Guru Raj H L

**ACM Distinguished Speaker, Associate Professor
VVCE, MYSURU, Karnataka.**

Organized by

Department of Computer Science and Engineering





S.No	No.of Participants Registered	No.of Attended
1	252	56

Event Name: C-SHOTGUN
June,2020

Dates: 25th & 27th

About Event:

Coding is a basic literacy in the digital age, and it is important for students to cope up with the current and future world of technology. To enhance coding and problem solving skills among the students, department of Computer Science and Engineering, in association with Infomac, ACM and CSI chapters of KKR & KSR Institute of Technology & Sciences has organised a 2 round event, C-Shotgun: an online contest based on the language ‘C’.

Rounds:

1. Quiz (MCQs):

- Date : 25/06/2020
- No. of questions : 30
- Tool : Quiziz

2. Coding

- Date : 27/06/2020

No. of questions : 3
Tool : Hackerrank

Registration Fee : 0 INR

A Webinar on

Glimpse of Trending Technologies & It's Opportunities

02nd June 2020

By

Mr. Siva Kumar Bezawada,

Senior Architect

Free Lancer, Hyderabad

Organized by

Department of Computer Science and Engineering

The poster is for a webinar titled "GLIMPSE OF TRENDING TECHNOLOGIES AND OPPURTUNITIES". It features a portrait of Mr. Siva Kumar Bezawada, Sr. Application Architect, Freelancer. The poster includes the following text: "NO REGISTRATION FEE", "DATE AND TIME: 2nd JUNE, 2020 9:00 A.M.", "REGISTER AT: <https://tinyurl.com/kitsacmwebinar>", "E CERTIFICATE WILL BE ISSUED AFTER FILLING THE FEED BACK FORM", and a contact number "8978692777". Logos for KITS (K. J. Somaiya Institute of Technology & Sciences) and ACM (Association for Computing Machinery) are also present.



S.No	No.of Participants Registered	No.of Attended
1	210	66

One week FDP ON CYBER SECURITY
27-06-2020 TO 01-07-2020

Mr. Ch. Santosh, Founder & CEO, SUPRAJA TECHNOLOGIES

By

Organized by

Department of Computer Science and Engineering

Objective of the event: The aim of this live webinar is to provide knowledge about cyber security to faculty of various colleges. Cyber security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. Attacks from business to various mobile computing such as network security, information security, application security, operational security, disaster recovery etc. The key points addressed in this event are

- **Introduction and Hacking related topics.**
- **Information gathering**
- **Brup suite OWASP 10 related topics**
- **Identification of Vulnerability**
- **Authentication & Misconfiguration Vulnerability and many more topics.**

Co-ordinators:

1. Dr. G. Dileep Kumar Dept. of CSE

Convener :

Prof R. Ramesh HOD, Dept. of CSE

About the Program/Event: It is 1 week faculty development program for the faculty of engineering/polytechnic colleges ,universities and research scholars conducted by the Department of Computer Science and Engineering at KKR& KSR Institute of Technology & Science, Guntur, Andhra Pradesh, India with the association of Supraja Technologies.

Details of Resource Person1:

Name: Mr. Ch. Santosh

Designation: Founder & CEO, SUPRAJA TECHNOLOGIES

Venue of the Event: Virtual Mode ZOOM app.

Date & Time of the Event: 27-06-2020 to 01-07-2020, 2:00 to 4:00PM

No. of Faculty Participated : 100

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
Dept of Computer Science and Engineering

in association with

SUPRAJA TECHNOLOGIES
organizing

One Week
FACULTY DEVELOPMENT PROGRAM
ON
CYBER SECURITY

Fee : ₹ 100 For Registration

Last Date for registration 26th June 2020

Timings:
2 pm to 4 pm
27th JUNE 2020
to 1st JULY 2020

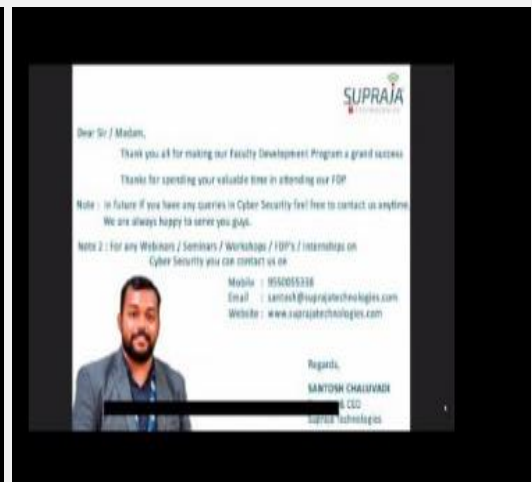
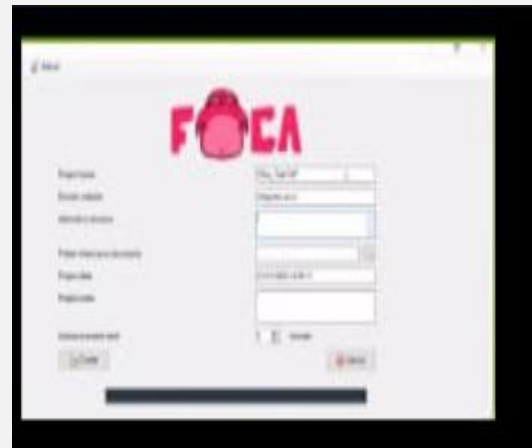
Mode of Delivery :
Zoom Meetings
App

ORGANIZERS

Convener :
Prof. R. Ramesh
HoD - CSE
KITS, Guntur
repudiramesh@gmail.com
9493925553 (Whats App only)

Coordinator:
Dr. G. Dileep Kumar
Associate., Prof - Dept of CSE
7989871001 (Whats App only)
Registration Link :
<https://tinyurl.com/kitscybersecurityfdp>

Event Photographs



BLOCK CHAIN TECHNOLOGIES WEBINAR

Mr. T Ram Kumar, Senior Lead Software Engineer, UTC, Hyderabad

24th June, 2020 at 10.00am

organized

By

Department of Computer science and Engineering

Objective of the Event: To create awareness about new technology ie Bock chain Technology among the Engineering Faculty. If the faculty are updated to new technologies then they will transfer their knowledge to students.


Team Members of Webinar:

1. **Shri Koyi Subbarao, Chief Parton, Chairman**
2. **Shri Koyi Shekar, Chief Parton, Secretary**
3. **Dr. P. Babu, Parton, Principal**
4. **Dr. K Hari Babu, Parton, Academic Director**
5. **Prof. R.Ramesh, Convener, HOD, Dept. of CSE**
6. **Dr. M S S Sai, Co-Ordinator, Professor of Dept. of CSE**

About the Program/Event:

Introduction to Blockchain, Key Vocabulary of Blockchain, Distinction between Database and Blockchain, Distributed Ledger, Structure of a block, How Blockchain ecosystem works, Cryptography Concepts related to blockchain, Advantages of Blockchain Technology, Types of blockchain, Generations of Blockchain, Example Blockchain Applications, Blockchain Technology in scientific applications, Ethereum Architecture, Introduction to Hyperledger.

Details of Resource Persons:

	<p>Name : Mr. T Ram Kumar Designation : Sr. Lead Software Engineer, UTC, Hyderabad</p>
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Venue of the Event: online gotowebinar platform

Date & Time of the Event: 24th June, 2020 at 10.00am to 12.00 Noon

No of Students Participated: Not for students

No. of Faculty Participated : 127

Event Photographs

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
 Accredited with NAAC by "A" Grade & NBA [CSE, ECE, EEE, MECH, CE]
 Dept of COMPUTER SCIENCE AND ENGINEERING
KITS
BLOCK CHAIN TECHNOLOGIES
WEBINAR
 Date : 24.06.2020/ Time: 10:00 A.M to 11:30 P.M

MR. T. RAM KUMAR
 Senior Lead Software Engineer
 (Blockchain Technology)
 UTC, Hyderabad

- Register for free
- Registration Link : <https://tinyurl.com/kitsbck>
- Webinar Platform Go To meetings
- Join The Whats app Group : <https://tinyurl.com/wtsappgrp>

Converner : **Prof. R. Ramesh**
 HOD, Dept. CSE
 KITS, Guntur
 9493925553
 repudiramesh@gmail.com

Coordinator: **Dr. M. S. S. Sai**
 Prof., Dept. CSE
 KITS, Guntur
 9440481313
 mssasai@gmail.com

E - certificate will be issued to the participants after submitting the feedback form

Four core building blocks of blockchain

- A shared ledger:** The shared ledger appends only the distributed transaction record.
- Cryptography:** Cryptography in a blockchain ensures authentication and verifiable transactions.
- Trust systems or consensus:** Trust systems refer to using the power of the network to verify transactions.
- Business rules or smart contracts:** Smart contracts are the business terms that are embedded in a blockchain. This is also the rules component of a blockchain solution. It is needed to define the flow of value and state of each transaction.

How are blockchains different from databases?

- A blockchain is a **read-and-append-only** storage methodology.
- This means that blocks can only be created and read in the blockchain ledger.
- Blocks in a blockchain cannot be updated or deleted.
- Blockchain technology was designed for decentralized applications.

Handwritten notes: update, delete

Blockchain clients

Online Tools

SHA256
 SHA256 online hash function

Input: hi how are you

Input type: Text

Hash: Auto Update

Output: `5f27514e49849f18b316111316781e23888613887612477263248f99681d5`

Hash	File Hash
CRC-16	CRC-16
CRC-32	CRC-32
MD2	MD2
MD4	MD4
MD5	MD5
SHA1	SHA1
SHA224	SHA224
SHA256	SHA256
SHA384	SHA384
SHA512	SHA512
SHA512/224	SHA512/224
SHA512/256	SHA512/256
SHA3-224	SHA3-224
SHA3-256	SHA3-256
SHA3-384	SHA3-384
SHA3-512	SHA3-512
Kecckak-224	Kecckak-224
Kecckak-256	Kecckak-256
Kecckak-384	Kecckak-384

A live webinar on understanding cloud computing

Mr. Durga Naveen Kandregula

15-06-2020 6:30P.M.

organized

By

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Objective of the Webinar: The aim of this live webinar is to provide knowledge about the cloud computing and its applications to faculty of various colleges. The key points addressed in this event are

- **What is cloud? What are the benefits and cloud architecture.**
- **Discussed various cloud services and types of clouds**
- **Cloud security issues.**
- **Various cloud service providers**
- **Cloud applications.**

Co-ordinators:

2. Dr. M.S.S.Sai Dept. of CSE

3. Dr. G. Dileep Kumar Dept. of CSE

Convener :

Prof R. Ramesh HOD, Dept. of CSE

About the Program/Event: It is a 2 hours virtual seminar for the both internal and external faculty from various states conducted by the Department of Computer Science and Engineering at KKR& KSR Institute of Technology & Science, Guntur, Andhra Pradesh, India with the association of CEO-COGIN & GoalStreet

Details of Resource Person1:

Name: Mr. Durga Naveen Kandregula

Designation: CEO-COGIN & GoalStreet, Alumni of KITS Warangal,

Ex-Value labs, TedX Speaker

Venue of the Event: Virtual Mode using Goto Webinar tool.

Date & Time of the Event: 15-06-2020 6:30 P.M.

No of Students Participated: 400

No. of Faculty Participated: 50

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES
Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada
Accredited by NAAC with 'A' Grade & NBA

KITS

DEPARTMENT OF CSE
PRESENTS LIVE WEBINAR
ON
UNDERSTANDING CLOUD COMPUTING
BY
Mr. Durga Naveen Kandregula
CEO - COIGN & GoalStreet, Alumni of KITS Warangal,
Ex-Value labs, TedX Speaker

FREE REGISTRATION
Register using this link
t.ly/Vgwb

Venue: Online (Zoom)
Time: Monday, 15-June-2020 at 6:30 PM

Coordinators
Dr. M. S. S. Sai, Professor
Dr. G. Dileep Kumar, Associate Professor

In Association with
COIGN GOALSTREET

For more information Call: Mr. Naveen Reddy (8121158359)

Virtual Seminar on Machine learning with association of ICT academy

24-06-2020 3.00 P.M. To 4.00 P.M.

By

Divyanshu verma Senior manager, Intel Technologies

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Objective of the Seminar: The aim of the Machine learning virtual seminar to the students are over view of the following.

- The essential concepts and techniques of Machine Learning and its applications Expand skills of using recent machine learning software for solving practical problems.
- Knowledge of millstone independent study and research.

About the Program/Event: It is a one hour virtual seminar for the inbound college students Conducted by the Department of Computer Science and Engineering at KKR& KSR Institute of Technology & Science, Guntur, Andhra Pradesh, India with the association of ICT academy.

Team:

4. Dr. S.V. Appaji Co-Ordinator, Dept. of CSE

5. Prof. R. Ramesh, HOD, Dept. of CSE

6. A Amaranath, ICT Assisat manger.

Details of Resource Person1:

Name: Divyanshu verma

Designation: Senior manager, Intel Technologies

Venue of the Event: Virtual Mode using Goto Webinar tool.

Date & Time of the Event: 24-06-2020 3.00 P.M. To 4.00 P.M.

No of Students Participated: 400

No. of Faculty Participated : 50

The poster features logos for Sky campus, POWER SEMINAR, and ICTACADEMY at the top. The main title is 'Virtual Power Seminar on MACHINE LEARNING' in large white letters. Below the title, the date and time are '03:00 pm to 04:00 pm' and '24 June 2020'. Two circular portraits of speakers are shown: Divyanshu Verma and N Amarnath. Text on the left side reads 'SPEAKERS'. Below the portraits, their names and titles are listed. A box on the right says 'Hosted by KITS KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES Guntur'. At the bottom, there is contact information for the Co Ordinator, Dr. S.V.Appaji, and social media icons for YouTube, Facebook, Twitter, Instagram, and LinkedIn.

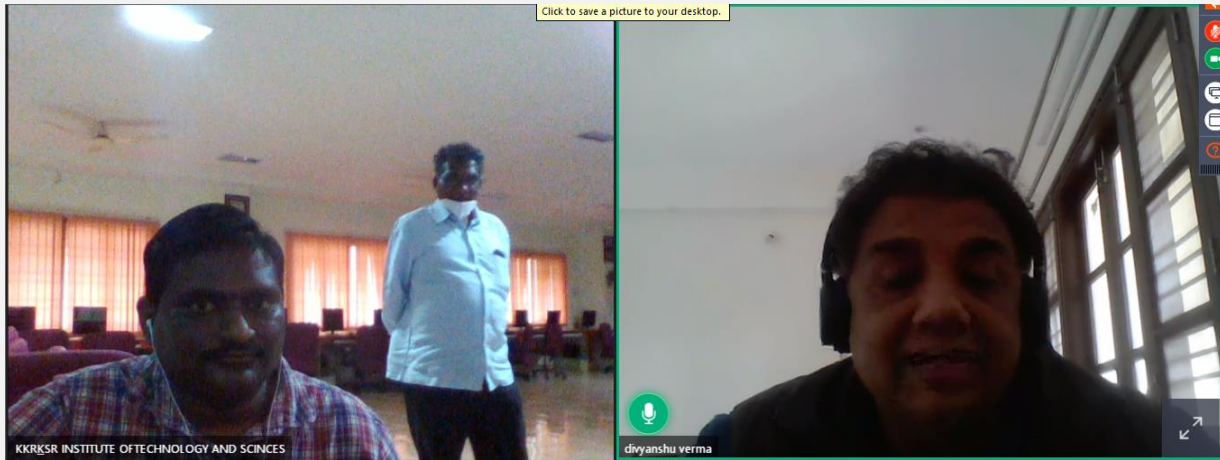
www.ictacademy.in | +91 73586 66188

Resource person **Divyanshu verma** talk on Machine learning



Resource perso Divanshu Verma and ICT Assistat manger A Amaranath

**Virtual Seminar on Machine learning with association of ICT academy
Event Photographs**



A virtual seminar is conducted by the Department of Computer Science and engineering with the association of ICT academy. The resource person very effectively Communicated with the students and clarify the quires on emerging Machine learning algorithms and applications. The students are understood the classification of supervise, semi supervised and unsupervised algorithms. At finally the students learned the need of the machine learning technology.
