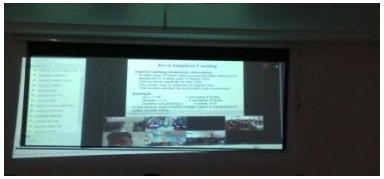
Department has organized a 2 day's "Internet of Things Start-up boot camp" in association with Orange Research Labs from 29th November, 2017 to 30th November, 2017. In this boot camp nearly 120, 2nd year students are participated and learn the IOT Technology effectively.

JAVA Programming MOOC's by JNTUK



JNTUK, Kakinada is organizing the MOOC's course on JAVA programming, in this program the department 2nd year 70 students are registered and attending course.

Student Achievements:

- Department IV and III year of 8 Students are participated in Hackathon "woman of the New Millennium" organized as part of the Road to GES 2017 on 25th and 26th November 2017 at Microsoft Campus.
- T.KrishnaVamsi(15JR1A05G5), Danda.Supraja(15JR1A0519), Divyakola.Nandini(15JR1A0521), Ch. SaiRaghavaVenkatesh (15JR1A0545) are attended to the program UIF (Silicon Valley meet up) under the guidance of KKR & KSR Institute of Technology and Sciences Chairman Mr. KoyeSubbaRao for meet up with various fabs from different nations at Stanford University to development on 16th to 21st November 2017.

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KITS
News Letter
Monthly Issue

WISDOM

KKR &KSR INSTITUTE OF TECHNOLOGY & SCIENCES
Department of Computer Science & Engineering

Volume 3 – Issue 11 November 2017

IN THIS ISSUE

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.

Editors

MESSAGE FROM HEAD OF THE DEPARTMENT

Cyber Security:

Cybersecurity is the body of technologies, processes and practices designed to protect networks, computers, programs and data from attack, damage or unauthorized access. In a computing context, security includes both cybersecurity and physical security.

Ensuring cybersecurity requires coordinated efforts throughout an information system. Elements of cybersecurity include:

- Application security
- Information security
- Network security
- Disaster recovery / business continuity planning
- Operational security
- End-user education

One of the most problematic elements of cybersecurity is the quickly and constantly evolving nature of security risks. The traditional approach has been to focus most resources on the most crucial system components and protect against the biggest known threats, which necessitated leaving some less important system components undefended and some less dangerous risks not protected against. Such an approach is insufficient in the current environment. Adam Vincent, CTO-public sector at Layer 7 Technologies (a security services provider to federal agencies including Defense Department organizations), describes the problem:

"The threat is advancing quicker than we can keep up with it. The threat changes faster than our idea of the risk. It's no longer possible to write a large white paper about the risk to a particular system. You would be rewriting the white paper constantly..."

To deal with the current environment, advisory organizations are promoting a more proactive and adaptive approach. The National Institute of Standards and Technology (NIST), for example, recently issued updated guidelines in its risk assessment framework that recommended a shift toward continuous monitoring and real-time assessments.

According to Forbes, the global cybersecurity market reached $75 billion for 2015 and is expected to hit $170 billion in 2020.

Prof. R.Ramesh

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Department PSO's & PEO's:

Program Specific Outcomes:

PSO1: Application Development

Able to develop the business solutions through latest Software Technique and Tools for Real Time Applications.

PSO2: Professional and Leadership

Able to practice the profession with ethical leadership as an entrepreneur through participation in various events like Ideathon, Hackathon, Project Expo and Workshops.

PSO3: Computing Paradigms

Able to identify the evolutionary changes in computing using Data Sciences, Apps, Cloud computing and IOT

Program Educational Objectives:

PEO1:To provide a strong foundation to students in areas like mathematics, science and engineering fundamentals so as to enable them to solve and analyze engineering problems and prepare them to graduate studies, R&D and studies of higher level.

PEO2:To develop an ability to analyze and understand the requirements of software, technical specifications required and provide novel engineering solutions to the problems associated with hardware and software.

PEO3:To provide exposure to cutting edge technologies to students thereby making them to achieve excellence in the areas of their studies.

PEO4:To provide adequate training to students to make them work in teams on multidisciplinary projects with effective communications skills and leadership qualities.

PEO5:To prepare the students for a successful career wherein they strike a balance between ethical values and commercial values.

Faculty Achievements:

Conference:

- Dr.P.IndiraPriyadarsini has presented a paper "Fuzzy Based Feature Selection for Intrusion Detection System" in ICASETM-17 Conference Organized by IFERP on 2nd-3rd Nov 2017.
- Mr.R.V.Kishore Kumar has presented a paper "Distinguish DDoS Attacks and Suggesting Some Counter Measures for Distributed P2P Networks" in ICASETM-17 Conference Organized by IFERP on 2nd-3rd Nov,2017.

Papers Published:

- Mr.M.Nagaraju and Mr.J.N.ChandraSekhar has published a paper "Outlier frame discovery via arbitrary chart design models and applications" in IJITR Journal, vol.5, issue.5.
- Mrs.B.Bhavani has published a paper "Linking and Recovering the Information of the User Sims for FirstDiscontinued to the Latest using Big Data" in IJFRCSCE Journal, vol.3, issue.11 on Nov,2017.

Events:

IoT Start-up boot camp by Orange Research Labs