



GUEST LECTURE REPORT

DATE: 13th August 2018

EVENT: Guest Lecturer

TIME: 10.00 AM

VENUE: Seminar Hall, KITS Guntur

ORGANIZED BY: SPACE, E.C.E Dept.

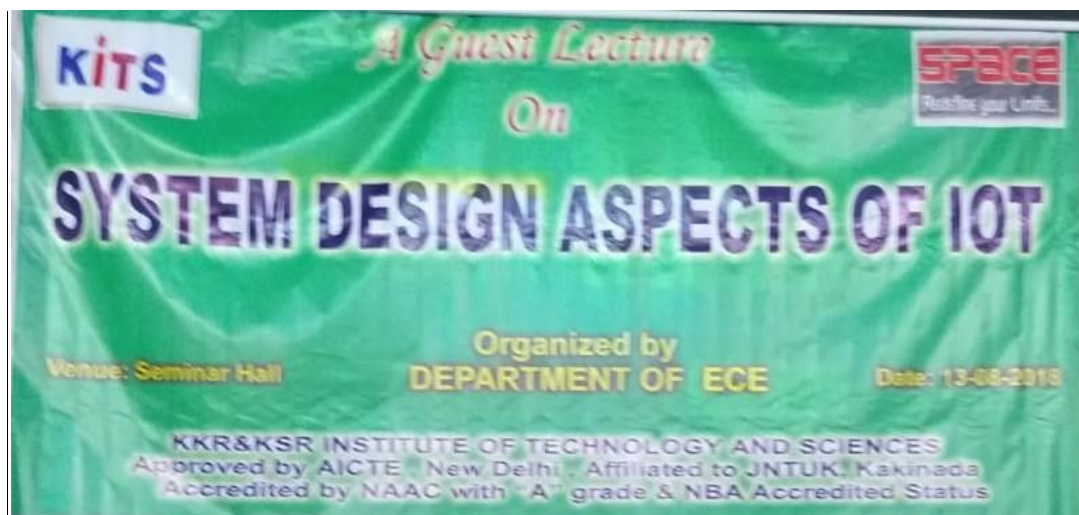
FACULTY INCHARGE: Mr. A.Sarat Kumar, Mr. P.Ashok Babu



A.Y. 2018-19

EVENT DESCRIPTION:

The ECE association *SPACE* conducted a “Guest Lecturer” on “SYSTEM DESIGN ASPECTS OF IoT” on 13th, August, 2018 from 10.00 AM to 12.30 PM in the Seminar Hall. **Dr. K.Solomon Raju, Principal Scientist CSIR-CEERI** is resource person for this lecture. This lecture is conducted to get the awareness among the students towards IoT Design.



SESSION ACTIVITIES:

The Department of E.C.E has made proper arrangements for transportation for the guest to the campus. As per the given instructions by the **Dr. Siva Ganga Prasad, HOD ECE dept.**, the faculty in charges **Mr.P.Ashok** and **Mr. A.Sarat** made proper arrangements for this Lecturer. The program started with the opening remarks of HOD. Exactly at 11.30 AM the

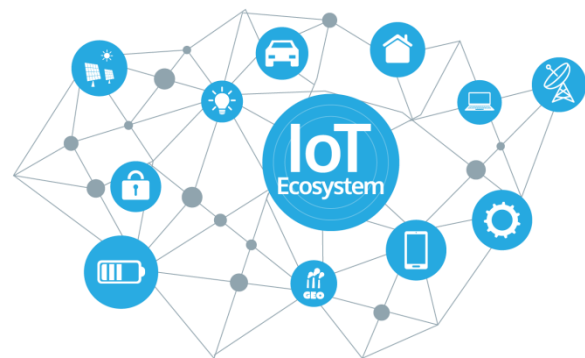
lecture is started by **Dr. K.Solomon Raju, Principal Scientist CSIR-CEERI**. The Resource person given hands of experience on IoT.



The following topics were discussed in the guest lecture

1. Introduction to IoT
2. IoT System Design Aspects
3. Issues related IoT Communication
4. Challenges and issues in IoT System Design
5. Hardware Platforms for IoT edge node Design
6. Software/Hardware Components

The recourse person explained the future with IoT. He said that IoT devices are becoming a part of the mainstream electronics culture and people are adopting smart devices into their homes faster than ever. By 2020, it is estimated that there will be up to 21 billion connected devices to the internet. IoT devices will be a huge part of how we interact with basic everyday objects.



technology improves.

In just one year alone, we went from having 5 million IoT devices connected to the internet to billions. The future is happening now, and these devices are getting smarter every day through machine learning and artificial intelligence. To prove that IoT is taking off rapidly, Target opened up a store in San Francisco that exclusively sells IoT devices. There is big money in the IoT space currently, and it will only continue to grow as



The Vote of Thanks was delivered by ***Dr. Shiva Ganga Prasad ,HOD-ECE***. On behalf of the department of Electronics and communication engineering, the hosting department, He extended her gratitude to the College Management and Principal. After the felicitation the program came to end with the National Anthem.

