



NARAYANA ENGINEERING COLLEGE::NELLORE

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NARAYANA AVENUE, NELLORE -524004.

Date: 07/02/2019

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

REPORT ON SEMINAR ON IOT AND APPLICATIONS

1	Name of the Activity/Event	Seminar on IoT and Applications		
2	Date of Activity/Event	04 th February 2019		
3	Organized by/Name of the committee	Dept. of Electronics & Communication Engineering		
4	Place of Activity/event	Narayana Engineering College, Nellore		
5	Resource person/guest/organization	Mr.Basavangouda, Application Engineer, Cranes Software International Ltd, Bangalore		
6	Type of activity/Event	Seminar		
7	Activity/Event objectives	1. To make students Conceptually and practically aware of IoT Concepts		
8	Participation	Students	Faculty	Total
		53	--	53
9	General remarks	1. The sessions are helpful to the students for doing their final projects		
10	Suggested Improvements	1. It would be useful if there is hands – on session using the cloud to build the IoT applications		
11	Enclosures	1. Request letter 2. Circulars 3. Report 4. Attendance		
12	Signature of In charge/convener			

A BRIEF DESCRIPTION OF THE EVENT:

The department of ECE organized a seminar on IoT and its Applications on 04th February 2019 by Mr. Basavangouda, Application Engineer, Cranes Software International Ltd, Bangalore.

Mr. Basavangouda spoke on “IoT at a glance” and highlighted the scope of the topic, its applications, future impact and spoke about several courses and job opportunities in the area. The session had an interactive QA session wherein the students quizzed him on several issues ranging from the basics, technology aspects of IoT, applications to a common man.

Discussions regarding the future of IoT in India and abroad took place between the students and the speaker. Queries were regarding the spectrum involving the devices in IoT like sensors, network, and connectivity and so on.

One particular query was regarding the possible penetration of IoT in rural India. The student asked how fast IoT could pick up and spread in rural India. The speaker addressed that, the manpower awareness is present already but the main challenge is that of internet connectivity required. Many places, there are no enough things and people to be connected, such as in purely agricultural belts. If IoT has to penetrate, it would be purely for dedicated applications.

IoT has a major role to play in applications which minimize human intervention required in activity. For example, in day-to-day activities such as home maintenance, alerts can be provided at various points like filling a refrigerator, buying oil for the vehicle, checking locks in the house, using purely automated mechanisms but which would seamlessly integrate with human life involved.

IoT can also help and aid individuals in learning activities, training in sports, planning, and scheduling and so on. The advantage of IoT is that it doesn't show up as a separate automated device or adage in the system, it blends naturally into the human lives so that people feel it as an integrated part of their lives and appreciate living with it. Several examples of this effect were discussed.

The presentation of the lecture was excellent, with the lecture organized into slide showing methodical divisions in the IoT area, such as the technical spectrum, the marketing issues, and a section involving government policies on IoT and so on. The presentation contained several videos which caught the attention of the students and made it very effective.

"IoT has a bright future for at least another 20 years and the focused and determined professional in the area can make it to the top and grow with the field" he said during the conclusion of the seminar.

EVENT PHOTOS:



Head of the Department