



K L University
(Koneru Lakshmaiah Education Foundation)
Estd. u/s 3 of UGC Act 1956

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Constituent College KLCE Accredited by NAAC with CGPA 3.76/4.00

Approved by A.I.C.T.E ± Accredited by N.B.A.± ISO 9001-2000 Certified

Academic Staff College

1-day workshop was organized on “Raspberry pi & IoT” by academic staff college and Dept of ECM on 23.07.2016 for the staff of the Dept. ECM by Mr. Mahan RK, manager corporate relation, orange research lab (ORL) to orient the importance of Raspberry and IoT.

This is all about IOT using Raspberry Pi. Currently, IOT is made up of a loose collection of different, purpose-built networks. Today's cars, intended for example, have multiple networks to control engine function, safety features, communication systems, and so on. Commercial and residential buildings also have various control systems for heating, venting, and air condition (HVAC), telephone service, security, and lighting.

As IOT evolves, these networks, and a lot of others will be connected with additional security, analytics, and management capabilities. This will allow IOT to become even more powerful in what it can help people achieve. Furthermore, any queries regarding this concept or electrical and electronics projects, please give your valuable suggestions by commenting in the comment section below.



Raspberry Pi, that it is commonly known as, is a low-cost ARM GNU/Linux box. Hardly the size of a credit card, this single board computer developed in the UK can be plugged into a computer screen or TV and can function on a standard keyboard and mouse.

This little wonder device can help learners of all age group to explore computing and even learn programming in languages like Python and Scratch. And if you thought if they were any less than the usual desktops, it's time to get facts cleared. It can do everything that a normal computer can- play song, play videos, make spreadsheets, word processing, browsing and much more. That's not all, it can also interact with the outside world which it has proved by its utility in music machines, weather stations, parent detectors and more.



Mr.Mahan RK demonstrating how experiments can be carried out by Raspberry Pi while interacting with the faculty members



Mr.Mahan RK demonstrating how experiments can be carried out by Raspberry Pi