RAJARAJESWARI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, Apporoved by AICTE, New Delhi& Govt of Karnataka. Internationally Accredited by
HLACT, Texas,USA, Accredited by NBA(CSE,ECE,EEE,MECH),Accredited by NAAC

Department of Electronics & Communication Engg..

NBA ACCREDITED Dept.

Expert Talk

On

IOT Using Raspberry Pi

- **Event Duration:** 11.40 AM - 12.45AM and o1.30 PM - 2.45PM on 11th February 2019

- **Resource Person:** Dr. S Thangadurai Head ,Rats Technologies ,Bangalore

- **Venue:** Dr. Satyendranath Bose seminar Hall, RRCE, Beng aluru

- **Objective :**

    - To bring industry and Academia closer

    - To explore curriculum as per the need of industry

- **No. of Students enrolled:**200

- **Target Participants:** Faculties, students of 6th and 4th semester of ECE department.

- **Outcome of the event:** The Students gained knowledge on

  ➢ Overall awareness of IOT and Python

  ➢ First given demo on downloading the   Respberrypi : org/downloads and then download Rufus i.e OS used for Raspberrypi.

  ➢ Raspberrypi   board there are 40 GPIO's ,

  ➢ General purpose I/O pins and it has built in modules and GPIO packages

  ➢ OS- that support Raspberrypi is LINUX or WINDOW-10

  ➢ USB2. 0.-which are 4 in number (external device like mouse, keyboard and pen drive may be connected)

  ➢ Raspberrypi has different module like A, B and latest model is model C Program that is written for execution is to be written in shell window

  ➢ RPI.GPIOPackage imported