

## **Report on Guest Lecture on "RASPBERRY PI" On 25<sup>th</sup> JULY, 2016**

On 25th JULY 2016, a guest lecture was organized by the ECE department NNRG. The lecture was guided by Mrs. B. Vijayalaxmi, she is chair of WIE-IEEE Hyderabad section and associate professor at VGIT in ECE department. The lecture was conducted on the topic "10 things about raspberry pi in 10 minutes", a total of 60 students have attended the lecture. The lecture was basically being conducted for 45 min in which she briefly introduced the raspberry pi, Arduino the history and the applications of boards in today's trending generations and open source hardware and software and their best use in our projects and products. She had demonstrated the boards and gave the current ongoing projects and research by this boards by various intuitions and organizations and had shared few projects don by her.

She said the future usage of the development boards in our projects may improve our skills in both the hardware and software. Basically raspberry pi is pocket size computer which consist of ram rom processor all the parts of a PC and Arduino is a microcontroller board used for various embedded projects. Student's learned many new things about the hard ware and their applications of them in our projects and various new applications and innovation. It was learning and interactive session for the students asked appropriate questions about the topic where she answered all the queries put up by the students to their full satisfaction.



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