



**Rajiv Gandhi College of Engineering, Research &
Technology, Chandrapur**

**Department of Electronics and Communication
&
Department of Electrical Engineering**

REPORT

on

ONE DAY WORKSHOP ON '555 TIMER CIRCUITS'

**Resource Persons : Prof. Parag Dhankar
Dr. P. Sangeetha**

Venue: - Seminar Hall, ECE Dept. RCERT Chandrapur

Date: 30th September, 2019

REPORT

Rajiv Gandhi college of Engineering Research and Technology along with Department of Electronics & Communication and Electrical Engineering arranged a one day workshop on 555 Timer circuits .The workshop was conducted by Prof.Parag Dhankar and Dr.P.Sangeetha on 30th September 2019 in Seminar Hall of ECE Department, RCERT Chandrapur.

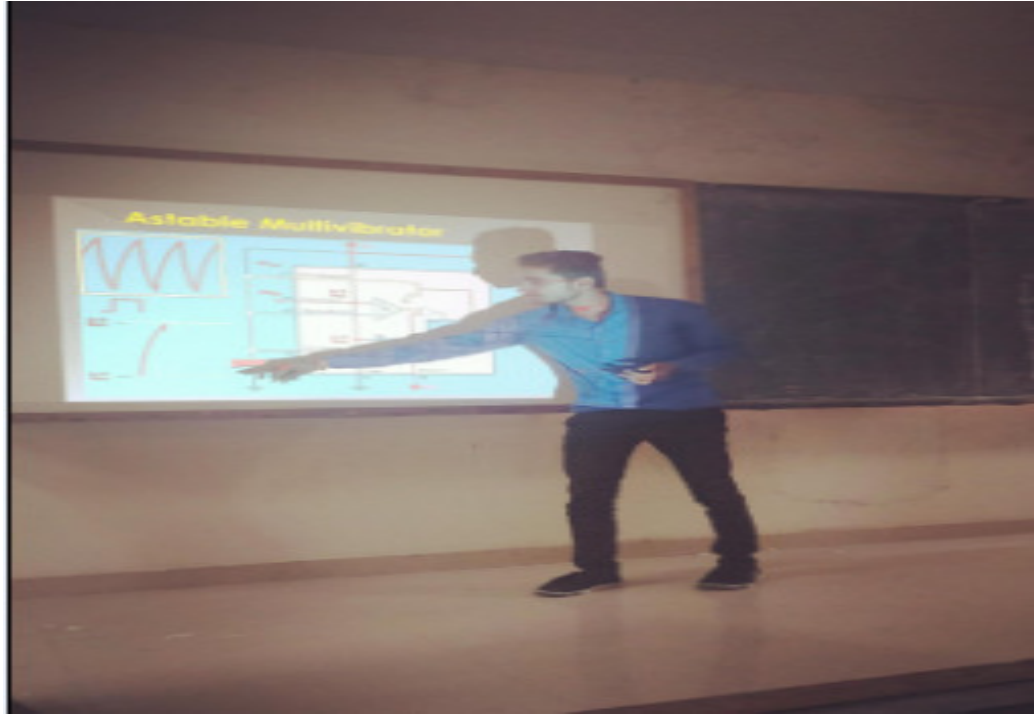
Prof P. B. Thawari HoD Electronics and Communication Engineering, RCERT introduced the resource persons to the students and gave a brief introduction of the workshop .He insisted the importance of such workshops and Hands-on training to the budding Engineers.

This one day workshop provided a hands-on training to students and introduced them to circuit designing and fabrication. It offered a real time experience to the students by allowing them to get their hands directly on the circuits based on 555 timer. The 555 timer IC is an integrated circuit (chip) used in a variety of timer, pulse generation, and oscillator applications. The 555 timer is always in widespread use due to its low price, ease of use, and stability. It is very essential for the students to learn and design these Timer based circuits.

In the morning session Prof. Parag Dhankar delivered a lecture on 555 timer and its working. He made the students understand the basic concepts and frequency calculation techniques. The introduction to circuit connections and design was given by Prof.Dr.P.Sangeetha.In the next part of the session students worked on Multivibrator circuits and tested the outputs.The workshop was very interactive and as a feedback ,some students also explained and presented the concept of 555 Timer at the end of the session. The workshop was attended by Second and third year students.



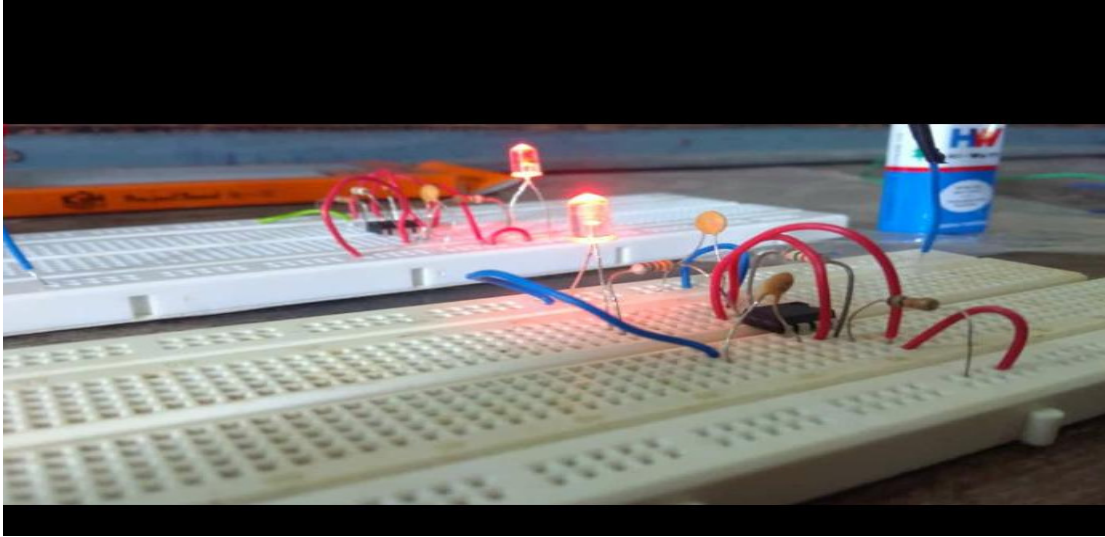
Prof.Parag Dhankar addressing the students



Student explaining: An interactive task



Student explaining: An interactive task



Astable Multivibrator on breadboard

