



REPORT of “One-day Workshop on Introduction to Basic Electronics Components, Sensors and Breadboard”

Name of the Event: One day Workshop on Introduction to Basic Electronics Components, Sensors and Breadboard”

Department Name: ETC-EN

Date: 09/08/2017

Time: 11 A.M. to 5.45 P.M.

Venue: ETC / EN Deptt., JDCOEM

Activity Details:

The Department of Electronics and Telecommunication Engineering of J D College of Engineering & Management, Nagpur conducted a One day workshop on Introduction to Basic Electronics Components, Sensors and Breadboard for the students of Third and Fifth semester. Mr. Nilesh Patle student of 3rd year ETC branch conducted the workshop. About 73 students attended the workshop.

Following topics were covered in workshop:-

- 1] What is Electronics, Electronics component and Electronics circuit.
- 2] Introduction to Electronics Physics.
- 3] What is Conductor, Semiconductor and Insulator.
- 4] Components-
 - a) Diode
 - b) Resistor(variable and fixed)
 - c) Capacitor(variable and fixed)
 - d) Inductor
 - e) LED(single and multi colour)

f) Transistor

g) Relay

h) Ic 555(Timer Ic)

i) Ic 358(comparator op-amp Ic)

j) IR Sensor

k) LDR Sensor

l) Breadboard

5]- How to control any application using the TSOP sensor.

6]- How to make LINE FOLLOWER ROBOT and also implment it's circuit on breadboard.

Targeted Participants:

Our Targeted Audience were 2nd and 3rd year students of ETC and EN.

Photographs of the Event:



