



**ELECTION**  
**FEB-MARCH**  
**2016-2017**



**Results 2016-2017 II year 1<sup>st</sup> sem-1:**



G.Gnana Lakshmi  
 1<sup>st</sup> Topper (84.8%)



N.Jyothirmai  
 2<sup>nd</sup> Topper(80.5%)



MD.Munvarunnisa  
 3<sup>rd</sup> Topper(78.5%)

**Campus Placements of the Department:**

The final year students have been selected in IBEON Technologies, Hinduja global services for academic year 2016-2017.the selected students are:



N.Adhitya



A.Srinivasarao



E.Subbarao



Y.Mohan reddy



Y.Nirshithalatha



P.Mounika



K.Harika

**An Introduction to Laser Diodes :**

A laser diode is a semiconductor laser device that is very similar, in both form and operation, to a light-emitting diode (LED).The term laser originated as an acronym: Light Amplification by Stimulated Emission of Radiation. Hence, a laser is a device that emits light through a process of optical amplification based on the stimulated emissions of electromagnetic radiation.The laser diode is electrically equivalent to a PIN diode. A PIN diode (see Figure 1 below) is a diode with a wide, undoped intrinsic semiconductor region sandwiched between a p-type semiconductor and an n-type semiconductor. Both the p-type and n-type regions are typically heavily doped. The laser diode's "active region" resides in the i (intrinsic) region. The electrons and holes (i.e., the carriers) are pumped into the i region from the n and p regions, respectively. Figure 2 below shows a laser diode with the case cut away. The actual laser diode chip is the small black chip at the front; a photodiode at the back is used to control output power.

Heated Gold is called ornament.

Beated Copper is called Wire.

Compressed Carbon is called Diamond.

Heated ,Beated and Compressed Person is called an Engineer.

## A View To Remember:

### Industrial Visit



Industry visit of 3<sup>rd</sup> year students had organized to GS Electricals transformer manufacturing Industries, on, 17th, February, 2017. There were 60 students present for the visit. The visit was undertaken by Mr.B.Santhosh kumar along with Mis. V.Naga Swetha.

### Annual day celebration 2017



### Vision

Emerge as Quality Human Resource Provider for Industry and Society in the field of Electrical & Electronics Engineering.

### Mission

- Providing Quality Education through State-of-art resources.
- To develop innovative, proficient Electrical engineers.
- Promoting Ethical and moral values among the students as to make them responsible professionals for the society.

### Program Educational Objectives

- PEO1:** Have strong foundation in Electrical Engineering along with mathematics, Science s and allied Engineering subjects.
- PEO2:** Possess good problem solving, design skills, capability to use modern engineering tools, ability to pursue higher education and research.
- PEO3:** Seek employment in various engineering or technological positions of their interest and continue to achieve their aspirations through lifelong learning.
- PEO4:** Exhibit professional and ethical attitude, effective communication skills, Teamwork and multidisciplinary approach.

### Editorial & design Team

**Faculty:** B.Santhosh Kumar Assistant professor

**Students:** S.Vamsi Krishna, III EEE

K.Havisha ,III Year EEE