

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

IGNITE PROJECT – REPORT PERFORMA

Name of strand	Academic and Curriculum Council
Name of activity/task	An expert lecture on “Practical Consideration for IGBT Based Circuits” by Mr. Chirag Chauhan, R & D Manager, Suvik Electronics Pvt. Ltd. Gandhinagar on 19/04/2014 from 2 : 00 pm to 4:00 pm.
Objective of activity/task	<ol style="list-style-type: none"> 1. The aim of this expert lecture was to make students aware about the use of IGBT in industrial Power Electronics Converter. 2. To have the basic information and rating of IGBT. 3. To have knowledge of Practical consideration for IGBT based Circuits. 4. To be familiar with Industrial problem and troubleshooting for IGBT based Circuits.
Methodology/ Description of activity/task	Mr. Chirag Chauhan, R & D manager, Suvik Electronics Pvt. Ltd. Taken the lecture for two hours on power point presentation. He shared his valuable industrial experience about the construction of IGBT. Different types of structure of device , Charateristics and Ratings of the devices. He also share the information about the practical consideration of IGBT based circuits used in the power electronic industries.
Outcome of the activity/task	Students have been made aware about the latest physics of IGBT, Different packages, static and dynamic characteristics of Devices and selection process for industrial application. They also find it very interesting and informative as it includes lot of new information about the device and practical aspects of device for very popular in the industries.
No of participants	<ol style="list-style-type: none"> 1. Students (male): 48 Students(Female) : 11 Total: 59 2. Faculty(male): 04 Faculty(Female): 00 Total: 04 3. Others(specify)_____ Total: 63 <p style="text-align: right;">Grand Total: 63</p>

Venue, Date & Duration of activity	Venue: G Block Date: 19/04/2014 Duration: 2 Hours	
Name & Signature of student coordinator	Name: Dhirya Purohit	Signature:
Name & Signature of Faculty coordinator/ Head of Department	Name: Prof. N. D. Mehta	Signature:
Photographs/Video/ Media Report (separate attachment)		

VISHWAKARMA GOVT. ENGINEERING COLLEGE CHANDKHEDA - 382424

POWER ELECTRONICS ENGINEERING DEPARTMENT

EVENT : *Expert Lecture*

DATE : *19-4-2014*

Venue
G - BLOCK



