

**BMS Institute of Technology, Yelahanka, Bangalore – 560064**  
**Department Of Telecommunication Engineering**

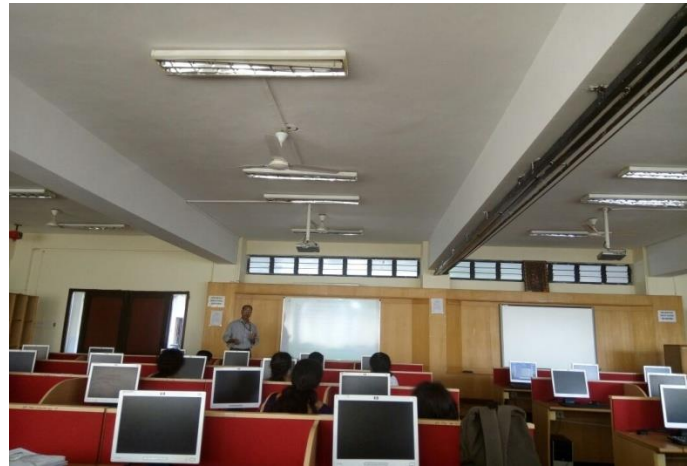
1.Jnanavardhana held on 28/09/2016 at 3:30pm at digital class room by speaker GanapathyHebbar on the topic Moral & Ethics.



In the talk a few topic given for personality development. Attitudinal behavior .Human values such as respect , consideration , honesty , loyalty , solidarity , openness , welcoming , acceptance , recognition and benefits of these qualities in day to day life were stressed . All the staff members were present and session was very informative.

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1.Jnanavardhana held on 21/10/2016 at 3:30 pm at digital class room by speaker Dr. Jayadeva G S on the topic Fabrication of nMOSFET & Overview. All the staff members present and session was very informative .



Semiconductor device fabrication is the process used to create the integrated circuits that are present in everyday electrical and electronic devices. The topic “Fabrication of nMOSFET - An Outline” introduced the concept of semiconductor device fabrication, using an example of nMOSFET to the faculty of TCE department.

Fabrication of a device is a multiple-step sequence of photo lithographic and chemical processing steps during which patterns with different properties are gradually created on a wafer made of pure semiconducting material. This results in semiconductor device / circuit.

In the presentation the meaning of microelectronics, availability of various semiconductor devices as on date and the future trend, steps involved in obtaining wafer and an nMOSFET structure is discussed, prior to the fabrication steps. Then the basic steps involved in fabricating nMOSFET are presented with appropriate pictures. These steps include Wafer Cleaning, Thick oxide growth and removal, Photolithography, Polysilicon deposition, Diffusion processes, Contact cuts, Metallization. All the staff members were present and session was very informative.