

## Report on

Expert lecture on “Design Principles of Secure Operating Systems” under IIIC through TEQIP-II

**Dr. N.V Naredra Kumar**, Assitant Professor, IDRBT - Hyderabad delivered an Expert lecture on “Design Principles of Secure Operating Systems” under IIIC through TEQIP-II for **III B.Tech CSSE** students in Seminar Hall (R.No. 520) on **17<sup>th</sup> September, 2016 (Saturday)**.

Dr. N V Narendra Kumar had enlightened the students on How the Operating Systems work and where are the security lapses in the Operating systems design and how to fix those issues. He had explained about the OS file permissions viz Read(r), Write (w), Execute (x) for Owner, Group and Others. He mentioned about TCB (Trusted Computing Base), the TCB in the computer is Hardware and OS kernel. Application must trust these that they will perform the task rightly. Then he discussed on Access Control. He also presented a demonstration about his research.



Dr. N V Narendra Kumar interacting with students



Students listening the lecture