

**Department of Computer Science and Systems Engineering**

**Expert lecture  
on  
“Binary Decision Diagrams-An Introduction and its applications” under IIIC through  
TEQIP-II**

An Expert lecture on “Binary Decision Diagrams-An Introduction and its applications” under IIIC through TEQIP-II by **Mr. Satish Varagani**, Lead Data Engineer, Walmart Labs - Bangalore is organized for **IV B.Tech CSSE** students in **Seminar Hall** (R.No. 520) on **20<sup>th</sup> August, 2016 (Saturday)**. The lecture focuses on the different data structures used in real time applications in the IT industry.

Mr. Satish Varagani has enlightened the students on the efficient implementation of data structures in several applications. In the first session he explained various basic data structures like Stacks and Trees with real-time examples. He also explained **tries** data structure which is used in the Google search engine for fast retrieval of the query results. Then in the second session he explained on how to construct and applications of Binary Decision Diagrams (BDD), Reduced Binary Decision Diagrams (RBDD) and Zero suppressed Decision Diagrams (ZDD).



Mr. Satish Varagani interacting with  
students

Students listening the lecture