

DEPARTMENT OF COMPUTER SCIENCE AND SYSTEMS ENGINEERING

An Expert Lecture on

“Binary Decision Diagrams-An Introduction and its applications”

The Department of Computer Science and Systems Engineering organized an expert lecture on **“Binary Decision Diagrams - An Introduction and its applications”** under IIIC through TEQIP-II was organized for IV B.Tech CSSE students on 20th August, 2016. The Resource person was **Mr. Satish Varagani**, Lead Data Engineer, Walmart Labs-Bangalore. The lecture focused on the different data structures used in real time applications in the IT industry.

Mr. Satish Varagani 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. 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