

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, AVALAHALLI, BENGALORE-64
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
A Brief Report on Student Centric Activity

Name of the Activity/Topic	Seminar on Project management using MS Project and , Usage of MS project tool and Example demo of Sensitivity analysis for given Lpp using Lingo Software
Class/Semester	6 th A & B Sections
Resource Person/s	Mrs. Chethana C
Relevance of the topic	Operations Research
Faculty member in-charge	Chethana C
Date and Time	Date: 1/4/2016 Time 3:15 Pm to 4.30 Pm
Venue	CSE Seminar hall Room No:409
Description (Separate Annexure may be enclosed, if the description is exceeding) Photo to be attached separately	<p>Project Management: Two closely related operations research techniques, PERT (program evaluation and review technique) and CPM (critical path method), are available to assist the Project manager in carrying out various responsibilities. These techniques make heavy use of networks (as introduced in the preceding chapter) to help plan and display the coordination of all the activities. They also normally use a software package to deal with all the data needed to develop schedule information and then to monitor the progress of the project. Project management software, such as MS Project now is widely available for these purposes. It is designed to assist project managers in: developing plans assigning resources to tasks, tracking progress, managing budgets, analyzing workloads, finding critical path etc</p> <p>Lingo Modeling Software: LINGO is a mathematical modeling language designed particularly for formulating and solving a wide variety of optimization problems, including linear programming, integer programming and nonlinear programming problems. The LPP problem execution and how to do the sensitivity analysis using LINGO was discussed with an example. An example is executed by using the software.</p>
No. of students attended	
Learning outcome	Usage of MS Project for managing Project Plans and Usage of Lingo software for sensitivity analysis
POs achieved/mapped	To cover curriculum out of Syllabus and PO5 and PO11
Total Expenditure in Rs.	NIL



Faculty in-charge

HOD