



A REPORT ON
TECHNICAL WORKSHOP
OF

“PROJECT MANAGEMENT TOOLS: MS PROJECT & PRIMAVERA”

DATE: 28TH JANUARY TO 31ST JANUARY, 2014

VENUE: E-205, B.V.M. ENGINEERING COLLEGE,
V. V. NAGAR, ANAND, GUJARAT



कर्मण्येवाधिकारस्ते।

CHARUTAR VIDYAMANDAL
VALLABH VIDYANAGAR, GUJARAT, INDIA

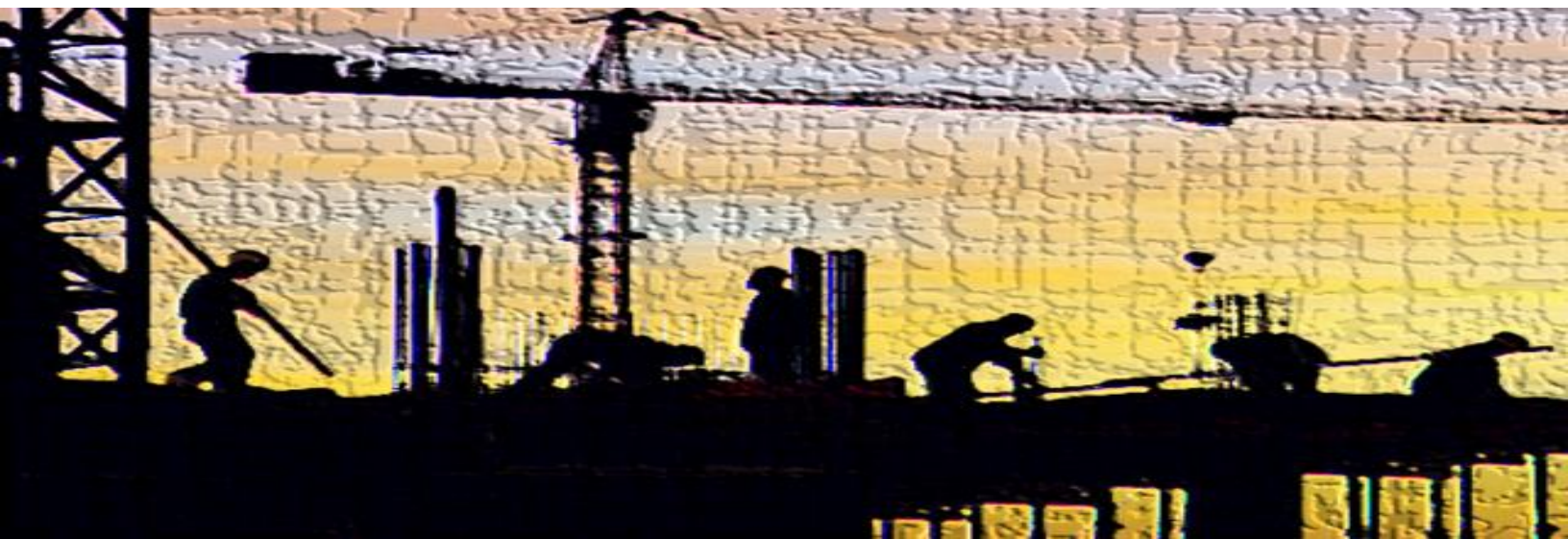


CEPT UNIVERSITY



**INDIAN SOCIETY FOR
TECHNICAL EDUCATION**

Presented By: Ankit Patel & Darsh Belani



About Workshop

Today, all business is run as projects. Irrespective of the sector or industry you work, you will need to know project management for you to move up the corporate ladder. MS-Project & Primavera are widely used Project Management Software for Project Management of complex construction problems. The workshop Imparts basic knowledge of Project Planning & Management and their respective skills and techniques to execute projects effectively and efficiently.

With the support of Charutar Vidya Mandal (CVM), CEPT & ISTE, Department of Civil & Structural Engineering, Birla Vishwakarma Mahavidyalaya (BVM) Engineering College had organized a four day Technical workshop of Project Management Tools: MS Project & Primavera held on 28th January to 31st January, 2014 at BVM College, Vallabh Vidyanagar.

Inaugural Session

The workshop was inaugurated by esteemed Chief Guest Shri Dr. F. S. Umrigar, Principal–BVM College, Guest of Honour Dr. L.B.Zala, Head-Civil Engg. Dept, Dr. A. K. Verma, Head-Structural Engg. Dept, Dr. Indrajit Patel, Professor, Structural Dept., Prof. J. J. Bhavsar, PG-Coordinator (CE&M), Prof. Vishal Patel and Ms. Jagruti Shah as Programme Co-coordinator



were remain present. 40 participants from PG, Faculty Members and Industrial Professional had attended the workshop. As per our Indian Tradition, Workshop was inaugurated with prayer & lighting of the lamp. All the Dignitaries share their view on four-day Technical Work Shop on “Project Management Tools: MS Project & Primavera and its importance in Construction Industry.

Firstly, Dr. Indrajit Patel welcomed all. He motivated Student by explaining importance of Project Management in current era to minimize cost overrun and time over run and these could be possible with the use of project management tools i.e. MS-Project and Primavera.

Dr. F. S. Umrigar, Principal, BVM Engineering College, addresses the students about significance of the project management in current transportation systems and Infrastructural projects to minimize the delays and overruns effectively with latest IT solutions. Dr. L. B. Zala, Dr. A. K. Verma and Prof. J. J. Bhavsar also shared their views and experiences on scope, need and challenges of Project Management in Indian Construction Industry.

28th January, 2014

Day -1

Theory Session:

The first Session was conducted by Mr. Keyur Shah, Expert from CADD Center, Ahmedabad. He has done his M.Tech in Construction Project Management from the CEPT University.

In this first session he gave brief understanding about basics of Project Management, An overview Project Life Cycle, 3-M Concept of Resources i.e. Manpower, Machinery and Material, the concepts of CPM/PERT, Managerial Hierarchy in an Organization, Scope and Importance of MS-Project & Primavera in Construction Industry.



In this second session he explores, Primavera software and its basic functions by showing the students with Primavera window. He also briefed about Creating Enterprise Project Structure (EPS), Organization Breakdown Structure (OBS), Work Breakdown Structure (WBS), Defining Activities (Sequences & Estimation of its duration), Defining Constraints, Assigning Activity Code, WBS Code etc.

Practical Session:

In this Practical session students were go for on hand Practice on Primavera for operations which were already covered in theory session. Like Creation of Enterprise, Its sub-enterprise, Its sub-sub Enterprise, Its sub-sub-sub-project, Creation of Organization Breakdown Structure, Creation of its WBS, Adding main WBS of whole project, Creation of Activities of each WBS. Students were free to ask there query during the session.



29th January, 2014

Day -2

Theory Session:

The Session was conducted by Mr. Keyur Shah Expert from CADD Center, Ahmadabad. In this first session he gave brief understanding about various operations like, How to create Calendars according to project need (Creation, Modification, Types of Calendars i.e. Global, Resource, Project), Defining Roles of individual involving in the project, Creation of Resources needed by each activity for completion of project, Assigning of Roles & Responsibilities and its Units & Prices.

In this second session he explores Primavera software functions like Scheduling of Project with Auto Schedule & Manual Schedule option, Tracking of Project, Updating of Project, and Log Creation.

Practical Session:

In this Practical session students were go for on hand Practice on Primavera for operations which were already covered in theory session. Like Allocation of various constraints to the project to the activities, Creation of different types of Global & Resource Calendars according to project need, Create Roles for the project, Create Resources required for the project, Define Rates/unit of the resource, Assign Roles to resources, Schedule the project, Leveling at least 2 activities, Define codes of activities.

30th January, 2014

Day -3

Theory Session:

The Session was conducted by Mr. Keyur Shah Expert from CADD Center, Ahmadabad. In this first session he gave brief understanding about various operations like, How to create Baseline for updating of project at any instant with created Baseline, Creation of various Reports according to Project Requirement for monitoring and record, Import/Export of Primavera Files, Conversion of Primavera Files in to various versions files for sharing needed information to superior or for monitoring propose.

In this second session he explores MS-Project software. Briefing about its use and application to current construction industry. He gave brief understanding about the various functions like, Introduction about MS-Project, Application of various Tool/Menu bars, Basic difference between MS-Project & Primavera, Defining the Calendars according to Project needs, Creation of various Tasks involved in Project, Types of Constraints involved in Project i.e. Start to Start, Start to Finish, Finish to Finish and Finish to Start.

Practical Session:

In this Practical session students were go for on hand Practice on Primavera and MS-Project for operations which were already covered in theory session. In Primavera various operations like, Create Baseline, Assign Baseline to the project, Update the project with both Auto-Update & Manual Update option, Create Log Report of the Project, Launch the web site for the project etc. In MS-Project various operations like, Introduction to various views available in MS-Project, Create Calendar of the project, Create Exemptions to Project Calendar, Create Modified Work Weeks to Calendar, Auto-Schedule & Manual Schedule the activities involved in the project.

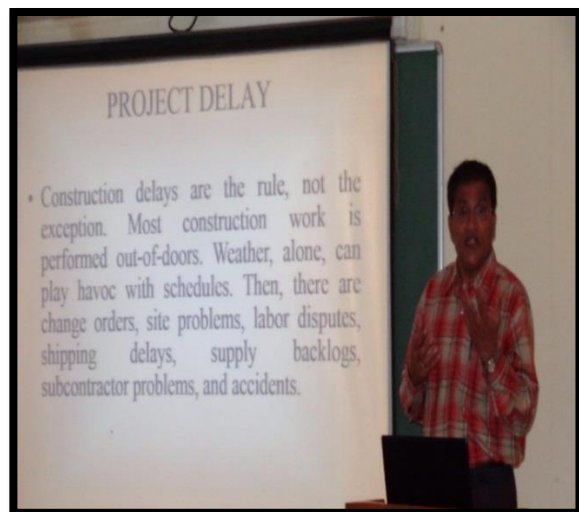
31st January, 2014

Day-4

Theory Session:

The first Session was conducted by Prof. A.N Bhavsar, Associate Professor BVM Engineering College. He has done his M.Tech in Construction Project Management from the IIT Delhi.

The topic of this Session was “IT Solutions for Project Management”. He gave brief understanding about objectives of CPM, Components of Project (Scope, Budget & Schedule), Interrelationship between Cost, Time & Quality, Correlation of Resources with Time, Pre-Construction Analysis, Criteria to be managed during execution phase of Construction, Types of problems occur in construction sites, Categories of Delays, Effective Cost & Schedule Management.



The second session was conducted by Mr. Keyur Shah Expert from CADD Center, Ahmadabad In this he explores MS-Project software. He gave brief understanding about the various functions like, Creation of Resource, its Types, Resource

Availability, Creation of Different Types of Resources for the project, Resource Allocation, Resource Leveling to avoid over allocation, Creation of Baselines for updating of project, Updating the project, Filter & Grouping and Sorting options, Reports available in MS-Project, Customized Reports for monitoring and recording purpose.

Practical Session:

In this Practical session students were go for on hand Practice on MS-Project for operations which were already covered in theory session. In MS-Project various operations like, Creation of a project, Define Calendar for the project according to need, Create Activities of the project, Define interrelationship between the activities, Create resources, Allocate these resources to the activities, Create baseline, Update the project, Use Filtering & Grouping and Sorting options, Create reports.

Valedictory Session

The workshop was concluded with valedictory session with the Certificate distribution to all the participants. The concluding remarks was given by Prof. Indrajit Patel, Dr. L.B.Zala. They shared their view for such workshops which need to be taken more with great enthusiasm. Students and professional also shared their feedback about the program. Prof. J.J.Bhavsar highlighted the immense contribution of the various sponsors and organizers and special thanks to CVM for the massive support for the workshop. The valedictory session ended with national anthem.

GLIMPSE OF WORKSHOP

