



Oracle Primavera P6 Professional 17 .

Why Software.?

- ✓ To Estimate Project Completion Time.
- ✓ To Estimate Project Budget.
- ✓ To find out the critical path and activities.
- ✓ To Link resources and activities.
- ✓ To Monitor and visualize project performance.
- ✓ To Develop sequence of activities in an order.
- ✓ To Breakdown the project in detailed tasks.
- ✓ To Allocate best resources and track progress.
- ✓ To Make Material Requirement Planning (MRP)
- ✓ To Fixed the baseline/Target.
- ✓ To Calculate Earned Value Management (EVM).
- ✓ To Make Delay Analysis & Calculate Project Profitability.
- ✓ To Make Recovery Plan & Claim Digger.
- ✓ TO Make Revised Schedule for EOT (Extension of Time)
- ✓ To Monitor the Deviations b/w planned and actual Work.
- ✓ To Generate S-Curve & Histogram Reports.
- ✓ To Calculate Schedule Variance Index (SPI).
- ✓ To Calculate Cost Performance Index (CPI).
- ✓ To calculate physical performance complete at site .
- ✓ To calculate Estimate of cost .
- ✓ To calculate Estimate at completion .
- ✓ To calculate variance at completion .
- ✓ To Manage entire Project portfolio life-cycle.

Special Points for Project planning and Control Deviations :

- ✓ Project Planning.
- ✓ Project Scheduling.
- ✓ Project Cost Estimation / Budgeting.
- ✓ Project Approval – Baseline Setup.
- ✓ Project Execution Kick off Meeting.
- ✓ Collection of Project Progress.
- ✓ Recording of Project Progress.
- ✓ Monitoring for Deviation.
- ✓ Control Application on Deviation.
- ✓ Project Closing and Review.

Oracle Primavera P6 Course Contents.

System Configuration :

1. Defining of EPS (Enterprise Project Structure).
2. Defining of OBS (Organization Breakdown Structure).
3. Defining of Calendars (Global-Resource-Project).
4. Defining of Currency & Activation of Currency.
5. Defining of Units of Measure.
6. Defining of Expense Category.
7. Funding .
8. Project check in and Checked out.
9. Budget Allocate
10. Budget Summary
11. Proposed budget
12. Project codes
13. Setting of Time units (Units Format-Duration Format).
14. Creation of New Project File.

Project Planning :

- Step A- Defining of WBS Codes (Work Breakdown Structure).
- Step B- Defining of Project Activities.
- Step C- Enter Required Estimated Duration for Completion of each Activity.
- Step D- Assignment of milestones.
- Step E- Assignment of Constraint.

Step F-WPS (Word products and Documents).

Step G- Distribution of Budget .

Step H-Distribution of WBS in calendar (To Give schedule anticipatedly) .

Project Scheduling :

Step A- Linking of Project Activities according to their relationship (through different Procedure) manual and also on software .

Relationship Types i) Start to Start ii) Start to Finish. ii) Finish to Start IV) Finish to Finish.

Step B- Schedule Execution (F9 Function Key)

Step C-Modification and Deletion of Relationships

Step D- Analysis of Gantt Chart & Activity Network (PERT)

Step E- PERT (Activity Network logic diagram .

Step F- Analysis of Critical & Non Critical Path

Step G- Analysis of Total Float, Free Float .

Step H- Finish milestone .

Step I -Task dependent

Step J-Resource dependent

Step k-WBS Summary

Step-L Level OF Effort (LEO)

Step-M Constraints on activities (Must start .. must finish)

Cost Estimation (Budgeting):

Step A –Defining of Roles

Step B- Introduction to Enterprise Resource window

Step C- Defining of Resources with Rates

i) Manpower ii) Material iii) Machinery

Step C- Assign Resources to Project Activities

Step D- Assign Expenses to Project Activities

Step E- Cost Accounts

i) Defining of Cost Accounts ii) Assignment of Cost Accounts

Step F -Level the resource

i) Level the Cost (Budget of resources Manual as well as on software)

ii)Level the units (Labour hours Manual as well as on softwares)

Step G- Calculate Resources required manually .

Step H- Calculate Days manually to increase or decrease with Resources .

Activity Codes :

Step A-Introduction to Activity Codes

Step B- Defining of activity codes

Step C- Assignment of Activity codes S

Step D- Activation of Activity Codes

Filters:

1. Completed activity
2. Critical activity
3. Non critical Activity
4. Level of Effort
5. In progress ctivity
6. WBS Summary apply on activities
7. Look Ahead Schedule (Daily ,weekly,monthly)
8. priority work (Activities)
9. Start Constraints
10. Finish Constraints
11. Increase duration activity .
12. Decrease duration activity .

Global Change:

- Introduction to Global Change .
- How to Define Global Change .`
 1. Critical Activities .
 2. non critical activities .
 3. Float defining By activity name .
 4. Free float defining by activity name .
 5. Defining of Global Change by Resource Replacement

Formatting :

Step A- Defining of new layout for baseline Project.

Step B- Defining of new columns for activities and resources.

Step C- Defining of new bar.

Step D-Table Font and Row.

Step E- How to show bar chart legend.

Step F- Timescale.

Step G- How to import Project file from Excel .

Step H: How to export project file into excel from Primavera

Step I: Print preview

Step: J How to convert primavera file into PDF .

Step: K How to add curtain

Step: L how to add text on Gantt chart

Step: M How to collapse the bars

Step : N how to layout the EVM table .

Step O - Setting of Bars.

Project Schedule & Budget Approval :

Step A- Introduction to Baseline

Step B-Maintain Baseline after Project Schedule and Budget Approval

Step C- Assign Baseline to Project (Primary Baseline & Secondary Baseline)

Step D- Restore Baseline

Sep E Claim Digger (Schedule Comparison)

Step F Gantt Chart and Time Scaled logical Diagram in Claim digger Visualizer

Step G Use of print option

Step H Stacked histogram and S curve (Manual as well as on software)

Project Execution and Recording of Progress !

Step A- Project Progress Reports Routing Step

Step B Update activity with delayed progress work

Step C Update activity without delayed Progress Work

Step D Update resources with variance

Step E Update Project progress (Apply actuals)

Thresh hold

Risk

EVM TABLE

1. Data date Line
2. Schedule % Complete
3. Planned value cost by schedule
4. Earned value cost by physical work at site
5. Duration and units by time fix project .
6. Earned value by Duration of project
7. Actual Cost of activity , labor , non labors and machinery By duration of project .
8. Concept of SPI on basis of duration ,
9. Concept of SPI on basis of physical .
10. Concept of CPI on basis of duration .
11. Concept of CPI on basis of physical .

12. Estimate to complete of Total fund .
13. Estimate at Completion of total project .
14. Behind schedule in planning .
15. Ahead of schedule in planning .
16. Cost variance in duration .
17. Cost Variance in physical .
18. Variance at Completion (VAC) .
19. Resource Assignment .
20. Tracking Layout .
21. Activity Usage profile .
22. Activity usage spread sheet .
23. Summary
24. Days Required and Remaining

Reports :

1. How to make new report (Editor of report)
2. How to create and modify report wizard
3. Daily Report
4. Weekly Report
5. Resource details reports
6. Project details
7. Project total earning report
8. WBS Cost report of Substructure , super structure and finishing .
9. IPCS and Billing Report
10. Activity cost report
11. Activity Earned Value
12. Activity Cost
13. Activity Labour
14. Expenses on projects
15. Expenses
16. Activity Relationships
17. Resource Assignments all activities
18. Resource Control Reports
19. Resource Cost Control Report
20. Thresh hold Reports
21. Man hours reports
22. Remaining hours in work report
23. Total Project Cost reports .

SAMPLE OF CERTIFICATE

Registered with Government of Pakistan (Verified certificate)



Note ! Online Classes will be on Zoom
Lecture Will Record on daily Basis On Zoom Application



What's App

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Experience :

With premium construction Company Bahawalpur on refurbishment of 1403 sites
WHO (World Health Organization) Punjab , Make Schedule , CPM , RESOURCES ,
WBS CODE ,WBS NAME , USD , EVM BUDGET CONTROL , SUMMARY OF PUNJAB