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OK

**CONSTRUCTION OF SCHOOL OF TEXTILE AND DESIGN (STD)
BUILDING IN UMT**

USING PRIMAVERA P6

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**PROGRAM: MS(PROJECT
MANAGEMENT)**



BAHRIA UNIVERSITY LAHORE CAMPUS

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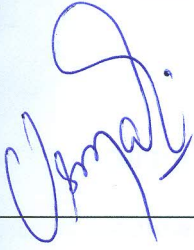
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In the Name of Allāh, the Most Gracious, the Most Merciful

DECLARATION

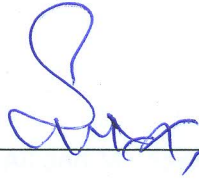
We (Mr.Usman Ali 03-298161-017, Mr.Sarmad Amin Khan 03-298161-026) hereby declare that we have produced the work presented in this study, during the scheduled period of study. We also declare that we have not taken any material from any source except referred to whatever due that amount of plagiarism is within acceptable range.

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WITNESS CERTIFICATE

This witness statement is issued to the applicants for the fulfilment of their MS (Project Management) program requirements being carried out at Bahria University Lahore Campus (BULC).

It is witnessed that Mr. Usman Ali and Mr. Sarmad Amin Khan Enrollment: 03-298161-017 and 03-298161-026 Class: **MSPM-III** Semester: **SPRING 2017** have contacted frequently utilized our premises in our real-time project for implementing project management skills using EPM as a leading software tool.

They, in case of participation in organization's project, have contributed fully in the following project and within the highlighted fields:

1. Planning
2. Execution
3. Monitoring & Controlling

Additionally, it is noteworthy to mention that Mr. Usman Ali and Mr. Sarmad Amin Khan demonstrated good ethical practices, enthusiastic approach to work, task convergence capabilities, professionalism while their connection with this organization.

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Company Name: UMT (University of Management and Technology)

ABSTRACT

The report is about actualizing Primavera Version 6 in the development of School of Textile and Design working in UMT. UMT is in procedure of developing its new School Building in Lahore campus. The Primavera gives chance to look on the progressing exercises at the correct way and on time. Diverse methods educate by our regarded educator used to satisfy the prerequisite of the UMT extend. Because of time requirement we ready to deliver our best outcomes which benefits for both UMT and our group.

Additionally, we get a kick out of the chance to thank our educator and college administration for their support in fulfilment of our give an account of time.

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Abbreviations

UMT	University of Management and Technology
STD	School of Textile and Design
HSE	Health, Safety and Environment
EPS	Enterprises project structure
OBS	Organizational Breakdown Structure
WBS	Work Breakdown structure
EVM	Earned value management
CV	Cost variance
SV	Schedule variance
PV	Planned value
AV	Actual value
CPI	Cost performance index
CPM	Critical Path Method
SPI	Schedule performance index
BAC	Budget at completion
ACWP	Actual cost of work performed
BCWS	Budgeted cost for work scheduled
BCWP	Budgeted cost for work performed
EAC	Estimate at completion
VAC	Variance at completion
PMO	Project Management office
P6	Primavera P6

Chapter 1 Introduction of Organization

1.1 Introduction

UMT is a project of Institute of Leadership and Management (ILM) Trust. ILM was built up in 1990 by driving educationists, experts, and industrialists with a mean to improve the authoritative and individual adequacy. Guided by the honourable mission of helping other people in completing their boundless human potential to its finest shape, ILM tried to react to the difficulties of data based economy, globalization, and steadily expanding many-sided quality.

The University of Management and Technology has advanced into a chief organization of higher learning in the nation. It is perceived by the Higher Education Commission (HEC) as a "W4" class (most astounding rank) college. For over two years, UMT was likewise at the top according to HEC positioning in General Category (medium-sized) of private segment foundations in the Punjab.

UMT – now a free, not-revenue driven, private organization of higher learning – got her degree-allowing contract first as the Institute of Management and Technology (IMT) in 2002 through an Act of the Assembly of the Punjab. Afterward, on 16 June 2004, IMT progressed toward becoming University of Management and Technology through the death of a comparable Act by the Punjab Assembly.

In September 2007, the Higher Education Commission (HEC), Pakistan, overhauled the classification of UMT from 'Category X'/past 'Category B' to 'Class W'/past 'Category A'.

1.2 Academic Distinction

UMT offers an expansive scope of bachelors, master and doctoral degree programs in 150+ trains, for example, Commerce, Accounting, Business Administration, Banking and Finance, Business and IT, Computer Science, Economics, Education, Electrical Engineering, Aviation, Management, Supply Chain, Textile Engineering, Industrial Engineering, Information Systems, Linguistics, Media and Communication, Agribusiness, School Management, Social Sciences, Educational Leadership Management, Law, English Language Teaching, and some more.

Every single scholarly program meets HEC criteria. The Pakistan Engineering Council (PEC) has licensed electrical building program and allowed mechanical designing projects while the BBA and MBA projects are certify by the National Business Education Accreditation Council. The National Computer Education Accreditation Council (NCEAC) has licensed the BC Computer Science and Software Engineering programs. Quality confirmation frameworks as recommended by HEC have been executed at UMT.

1.3 Schools operating in UMT

At present, fourteen schools are operating under the umbrella of UMT.

1. School of Business and Economics (SBE)

2. School of Systems and Technology (SST)
3. School of Social Sciences and Humanities (SSS&H)
4. School of Professional Advancement (SPA)
5. School of Law and Policy (SLP)
6. School of Textiles and Design (STD)
7. School of Commerce and Accountancy (SCA)
8. School of Engineering (SEN)
9. School of Governance and Society (SGS)
10. School of Advanced Studies (SAS)
11. School of Health Sciences (SHS)
12. School of Architecture and Planning (SAP)
13. School of Science (SSC)
14. School of Food and Agricultural Sciences

1.4 Institutes operating in UMT

At present, five institutes are operating under the umbrella of UMT.

1. Institute of Islamic Banking (IIB)
2. Institute of Aviation Studies (IAS)
3. Institute of Communication and Cultural Studies (ICCS)
4. Institute of Clinical Psychology (ICP)
5. Institute of Trade and Competitiveness

1.5 Vision Statement

It defines our existence, inspires all stakeholders associated with us, creates a powerful momentum inside, and responds to the challenges outside. It continues to evolve as present captures new realities and foresight unfolds new possibilities.

All in an incessant attempt to help individuals and organizations discover their God-given potentials to achieve Ultimate Success actualizing the highest standards of efficiency, effectiveness, excellence, equity, trusteeship and sustainable development of global human society.

1.6 Mission Statement

We aspire to become a learning institution and evolve as the leading community for the purpose of integrated development of the society by actualizing strategic partnership with stakeholders, harnessing leadership, generating useful knowledge, fostering enduring values, and projecting sustainable technologies and practices.

1.7 International Linkages

UMT holds the qualification of propelling the South Asian Triple Helix Association (THA) Chapter, covering the nations of Pakistan, Afghanistan, India, Sri Lanka, Maldives, Nepal, Bangladesh and Bhutan.

A successful chain of linkages with some driving organizations of the world has been set up. Harvard graduate school has consented to support understudies for entry level position at the School of Law and Policy. A MoU has been marked with HCCI and Schulick Business School of York University, Toronto, Canada. The Chartered Institute of Marketing, UK, and Swinburne Institute of Technology have stretched out licensee courses of action to SPA. UMT is currently incorporated into CMGA-CIMA Masters Gateway Assessment through which our MBA partners can guarantee up to 11 exclusions. UMT has additionally set up a select office for direct global arrangement for induction into outside colleges. The University is in contact with global enlistment organizations to venture its graduates abroad. Different UMT Centres have been actuated to start industry linkages.

1.8 Areas/Disciplines

- Commerce
- Accounting
- Business Administration
- Management
- Economics
- Banking and Finance
- Health Sciences
- Nutrition Sciences
- Physiotherapy
- Textiles
- Fashion Design
- Architecture
- City and Regional Planning
- Basic Sciences
- Biotechnology
- Project Management
- Computer Science
- IT
- Telecom
- Public Administration
- Public Policy

- Executive Development
- Engineering
- Law
- Aviation
- Agribusiness
- Social Sciences
- Education
- Media & Communication
- English Language and Literature
- Psychology
- Islamic Thought and Civilization
- Islamic Banking
- Clinical Psychology

1.9 Degree Programs

- PhD
- MS/MPhil
- Graduate
- Undergraduate

1.10 Values

1.10.1 Trust

We create trust with our understudies and give them best instruction and trainings so they can contend in the market. To give entry level positions to understudies is our point.

1.10.2 Care for others

Social obligations are merciless and primary point of UMT, our understudies taken an interest in various social works observer of their moral trainings.

1.10.3 Ethics

Moral workplace is the centre duty of each association. In our UMT moral condition create which drives the representatives to work and understudies to contemplate in opportunity however in points of confinement.

1.10.4 Family

We give a family environment in UMT in which each understudy free feel to take assistance from coaches when they feel themselves stuck in an unfortunate situation.

1.10.5 Independence

Free of discourse is the privilege of each understudy in UMT. Any problem confront by students identified with their studies or notwithstanding for individual issues, they can examine with boss.

1.10.6 Meritocracy

We give approach chances to all students so they feel free in their studies and even review more for the advance of UMT and in addition for them.

Acceptance procedure of new candidates is likewise straightforward and nepotism not permitted.

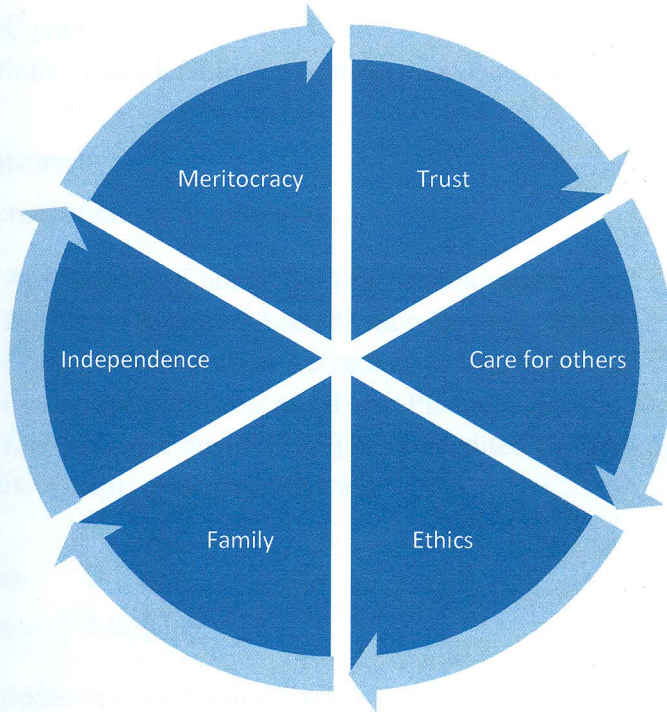


Figure 1 - Company Values

1.11 Milestones Achieved

- 2016 UMT-SBE accredited among top 8 business schools in Pakistan and top 3 in Punjab by NBEAC
- 2015 Agreement reached with George Mason University, USA, for faculty development
 - Institute of Knowledge and Leadership (IKL) set up in Dubai
 - UMT Bureau Office established in Ankara, Turkey

- 2014 UMT sets up South Asia THA Chapter. Signs MoUs with PTDC and LCCI to strengthen academia- industry linkages
- 2013 UMT Business School receives full SAQS accreditation for a period of 5 years by AMDISA
- 2012 UMT becomes first university in the Punjab to receive top "W4" ranking by HEC. New state-of-the-art library building becomes operational
- 2007 New 200-kanal purpose-built campus commissioned
- 2004 University Charter granted by Government of the Punjab
- 2002 Degree awarding status granted by Government of the Punjab
- 1999 NOC granted by Government of the Punjab for establishing a University
- 1994 NOC granted by University Grants Commission
- 1990 Institute of Leadership and Management established (ILM)

1.12 Accreditations

UMT has the accreditations with following;

1. National Accreditation Council for Teacher Education
2. National Business Education Accreditation Council (NBEAC)
3. National Computing Education Accreditation Council (NCEAC)
4. Pakistan Council of Architects and Town Planners
5. Pakistan Engineering Council (PEC) has accredited UMT's engineering programs
6. South Asian Quality Assurance System

1.13 Affiliations

UMT is affiliated with following;

1. Higher Education Commission (HEC)
2. Pakistan Engineering Council (PEC)

1.14 About STD

The School of Textile and Design (STD) at the University of Management and Technology (UMT) offers an extensive variety of projects in different orders including Textile Technology, Textile Management, Fashion and Design, and Fine Arts. The faculty members give an instructive affair that is proportional to that offered by driving global colleges.

The educational modules for each program have its own particular unmistakable components. Notwithstanding, ongoing themes of outline and critical thinking have been woven into the texture of the educational module to guarantee that every member gets the

absolute best instruction customized to the requirements of the business and the scholarly community. The material and mould configuration programs expect to plan graduates for local and also worldwide practice. The degree programs accentuate taking in the viable utilization of innovation, data assets and specialized techniques, and in addition teach in them initiative qualities tied down in moral and good standards.

The alumni of STD may work in a global situation. In this way, class directions and association amongst understudies and employees are led in English to guarantee that graduates have composed and talked familiarity with English. This is expert first in the required lab work, term reports, senior plan ventures and entry level positions. The projects are intended to fulfil the general college prerequisites. They additionally meet the criteria embraced by the Higher Education Commission (HEC) of Pakistan.

1.14.1 Aim of the Program

The degree programs are intended to grow balanced individuals who exceed expectations scholastically and are prepared to make progress in all parts of life. The undergrad programs have been intended to give expansiveness which is fundamental to get ready people to end up plainly beneficial, capable and principled individuals from the group. They give centre and profundity in one range to plan understudies for influential positions in their expert lives.

1.14.2 Curriculum

The program educational programs have been created by the rules given by HEC and in counsel with experts working in industry and the scholarly world, from inside Pakistan and abroad. It permits adaptability and decision for understudies and in the meantime fits in with the prerequisites of global expert bodies, for example, The Textile Institute (TI) UK and Society of Dyers and Colourists (SDC) UK. The educational modules comprises of four parts;

1.14.3 General Education

General training courses involve a wide exhibit of courses in arithmetic, science, registering, administration, sociologies, and humanities. These courses are intended for invigorating understudies' intelligent person, individual, and social improvement.

1.14.3.1 Specialization Courses

These courses provide a broad knowledge and skill-base in the student's selected area of specialization

1.14.3.2 Technical Electives

The technical elective courses allow the students to fine-tune their curriculum according to their particular interests and need of the employers.

1.14.3.3 Final Year Project

This two-semester project brings together all the concepts and skills that the students have learnt during the duration of the degree program.

The flexibility of the curriculum allows the participants to make informed choices about their future careers. Participants may delay the selection of their specialization areas for up to a year and still graduate with a world-class degree in the normal four-year duration.

1.15 Organizational Structure overview

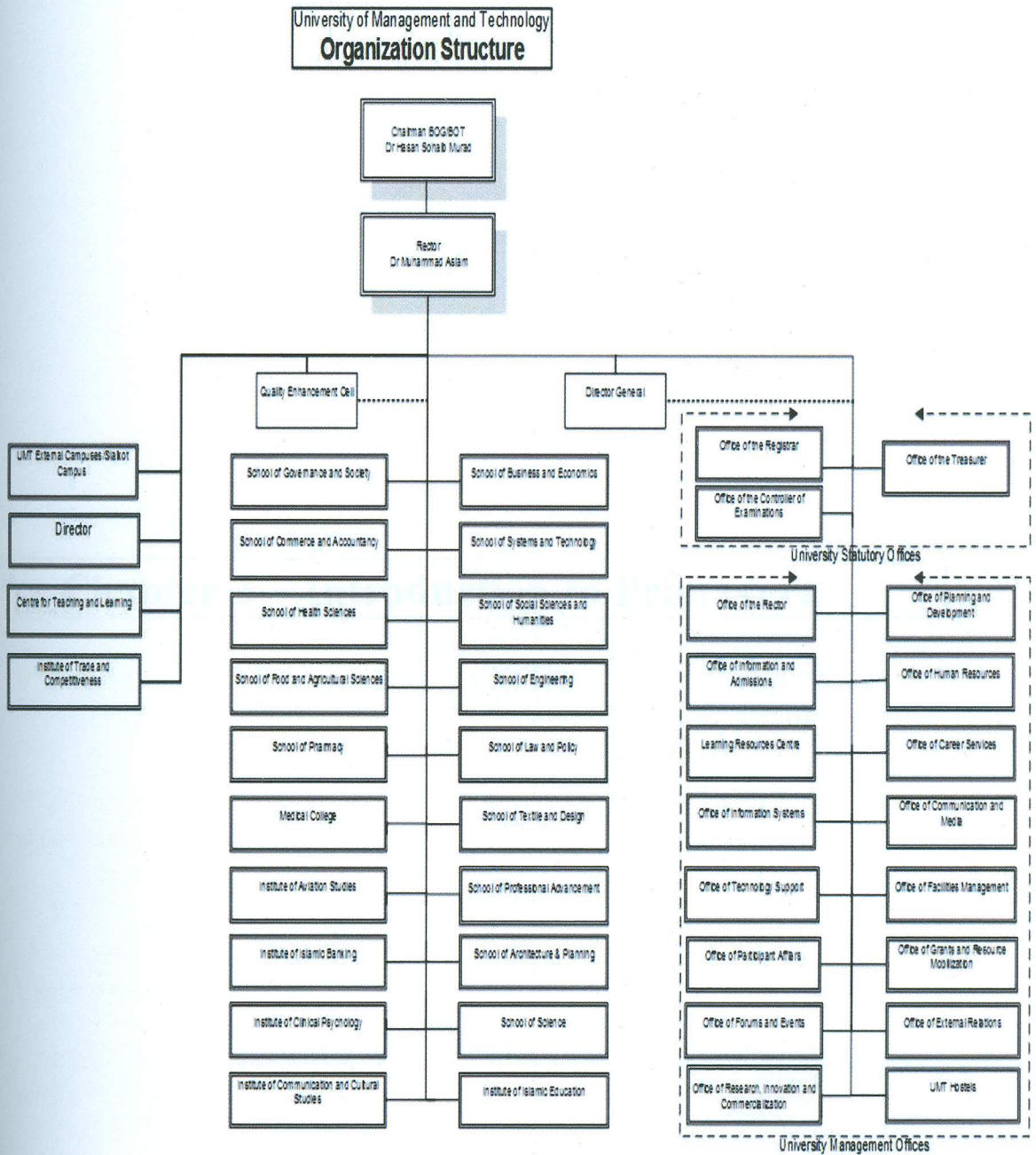


Figure 2 - Org. Chart

Chapter 2 Introduction to Primavera

2.1 Introduction

Primavera Oracle P6 is an arranging device and coordinated project portfolio administration. It gives arrangements comprising of part particular instrument to give approach opportunity and fulfil to every individual from a group. Primavera contains a standard windows interface; server oracle and Microsoft server database. It gives multi components to handle the necessities of venture organizer and schedulers. Primavera essentially incorporates extend administration programming which causes the clients to track and investigate execution of a venture. It is a multi-highlight and multi-client framework which gives straightforwardness to arranging best in the module is ideal for affiliations that need to at the same time manage distinctive exercises and support multiuser access over a division or the entire affiliation. It reinforces an endeavour wander structure (EPS) with a limitless number of errands, activities, baselines, resources, work breakdown structures (WBS), progressive breakdown structures (OBS), customer portrayed codes, and Critical way technique (CPM) booking and resource levelling. Significant scale use for huge business wide wander portfolio organization uses it with Oracle or SQL Server as the wander database. For humbler use, you can use SQL Server Express. The PM module in like manner gives consolidated resource organization. This joins resource timesheet underwriting and the ability to confer with wander resources that use the Progress Reporter module. In development, the module gives composed risk organization, issue taking after, and organization by edge. A few components enables customers to perform dynamic cross-expand rollups of cost, timetable, and earned regard like broaden work things and reports can be designated to practices and regulated halfway. The Report Wizard makes changed reports that think specific data from its database. In addition, primavera incorporates the accompanying elements. Work breakdown structures, user defined fields, codes, resources levelling support by a primavera

1. Same venture can be get to simultaneously by different clients
2. One of the real elements following of issues in a venture
3. Threshold can be utilized for an administration reason
4. Schedule, earned esteem and cross venture rollups of cost are empowers shape following element.
5. Providing chance to allot work items and reports to exercises and dealt with the midway. By the assistance of visualizer time based Gantt and Time scale rationale graph can be make
6. Resource administration turn out to be simple for an organizer and venture chief
Different sorts of reports can be acquired from programming for better understanding

2.2 Benefits of Primavera

There are many advantages for working with primavera. It is Oracle based programming which gives many advantages to an organizer and venture administrator. Some the advantages of primavera are as taking after.

1. Vibrant Visibility
2. Forecasting
3. Prepared Access
4. Watching
5. Project Management
6. Reduced risk
7. Controlling
8. Optimization of Resource
9. Better communication
10. Breakdown of project

2.3 Hierarchical structuring in Primavera

Directing in a grouping is essential for each project achievement. All around characterized traverse of control results into project auspicious fruition. The accompanying is a grouping for building up beginning various levelled structure in a primavera.

1. Firstly set up the hierarchical breakdown structure as to mastermind association administration structure for their parts and duties.
2. After that set up the venture extend structure that characterizes or distinguish various levelled structure of the association extends and empower association and administration of those undertakings in association.
3. Then set up an asset order characterizes association asset structure and encourages in relegating to various exercises.
4. Moreover, for each venture work split down structure is set up which is a various levelled courses of action of the items created by a venture.

2.4 Organization breakdown structure

The Organizational breakdown structure is a worldwide chain of command that speaks to the supervisors in charge of the activities in your undertaking. The OBS generally mirrors the administration structure of your association, from top-level faculty down through the different levels constituting your business. You can relate the dependable chiefs with their ranges of the EPS (Enterprise Project Structure) — either hubs or individual undertakings. When you relate a mind full director with an EPS hub, any ventures you add to that branch of the EPS are allocated that administrator component naturally.

2.5 Enterprise Project Structure

The enterprise project structure display and summarizes all projects of an organization within the well-defined enterprise hierarchically for top down budgeting, cost analysis and resource. It also enables one to manage multiple projects from the top level of the organization to the single level that perform particular project tasks. Furthermore, it used to define project features like dates, budgets, codes and resources.

2.6 Activity Duration Type in Primavera

Duration of an activity matters a lot as it is the reason for estimating the chosen movement culmination day and age. It likewise ascertains the asset accessibility, calendar and cost are most critical when refreshing task exercises. The span sort just computes and applies when assets are allocated to the movement else it would be troublesome. Taking after are the term sorts which are thinking about vital while arranging venture for execution.

2.6.1 Fixed duration and units

Indicate that the schedule is a limiting factor in your project. The activity's duration does not change regardless of the number of resources assigned when you modify or update activities. You usually select one of these duration types when you are using task-dependent activities. When you update the remaining duration for the activity, you can select to calculate either the remaining units or the units per time period. The duration type enables you to control which variables of an equation are calculated when you change a value

2.6.2 Fixed units

Indicates that the budget (units or cost) is a limiting factor; that is, the total amount of work is fixed. When you update activities, the work effort required to complete the activity does not change, even if the activity's duration or the resource rate changes. Typically, you would use this type in conjunction with resource-dependent activities. Increasing resources can decrease the activity duration.

2.6.3 Fixed units/time

Indicates that resource availability is the most critical aspect of your project. In this case, the units/time or rate of the resource remains constant, even if the activity's duration or work effort changes. You most often use this duration type when you are planning resource-dependent activities

2.7 Resource Breakdown Structure

Resource Breakdown Structure (RBS): A hierarchical listing of resources necessary to complete a project.

Project resources are commonly thought of as human resources only. In other words, only the people that will actually work on the project tasks. But that is not necessarily the only type of resource list that can be compiled. In fact, the RBS can include both human resources and physical resources, like computers, software programs, timesheets, tools, instruments, automobiles, or even special clothing.

The hierarchy is entirely project defined. Any leveling applicable to the project can be used. Examples might be organizational chart, or tool type, or physical location, or even sequencing by use. Any useful project breakdown is appropriate.

Traditionally, only non-expendable resources are included. Expendable items such as water and gasoline would not be listed. These would fall into the category of supplies rather than resources.

2.8 Work Breakdown Structure

A WBS is a hierarchy of work that must be accomplished to complete a project, which defines a product or service to be produced. The WBS is structured in levels of work detail, beginning with the deliverable itself, and is then separated into identifiable work elements.

Each project has its own WBS hierarchy with the top level WBS element being equal to that of each EPS node or project. Each WBS element may contain more detailed WBS levels, activities, or both.

When creating a project, the project manager typically develops the WBS first, assigns documents to each WBS element, and then defines activities for performing the element's work. In addition to document and activity assignments, each WBS element also has an assigned calendar, specific earned value calculation settings, and an assigned OBS element responsible for all work included in the WBS element.

2.9 Activity types in Primavera

Subsequent to making of work breakdown structure a following stage is to add activities. As activities is anything but difficult to include however their properties/characteristics needs extraordinary consideration so activity type is the thing that that influences the term, begin and complete dates of the activity. Taking after are the types of activity types.

2.9.1 Start and Finish Milestone

A Milestone addresses a point in time (event) when a pre-chosen task or goal is started or fulfilled, for instance a task which has some centrality is either started or is done. For example, Start/Finish of a Project, Commencing execution works, Completion of a Phase, et cetera. A Milestone will demonstrate only a solitary date in the Start/Finish Date areas. A Start Milestone will have only a start date and no total date. So likewise, a Finish Milestone will have only an entire date. This is in light of the fact that by definition, a Milestone is just the portrayal of a point in time; it has no traverse of its own. That is the reason Milestones have "zero" days as traverse. Moreover, Milestones don't eat up any advantages.

2.9.2 Resource Dependent

Resource-Dependent Task is an activity that is defined and scheduled according to the resource plan of related work (larger task, project or process). It is the smallest piece of work which is dependent on other related tasks that all together use common resource base. The term is widely used in critical path methodology (CPM).

Resource-dependent tasks are planned and performed under rules of resource-based dependency. Such dependency means that tasks are interrelated to each other if they use the same available resources (funds, time and labour). In CPM, resource-dependent tasks are defined to determine critical path, or the longest possible sequence of activities which must be completed on time to ensure completion of a related project on due date. Critical path activities use common resource base.

Resource-dependent tasks are never managed according to a time schedule; they use resources schedules instead. A resource schedule is a plan that defines and schedules allocation, aggregation, and leveling of resources. Resource scheduling is the core activity that determines interconnections between resource-dependent tasks.

2.9.3 Task dependent

Task dependent is a task that belongs to a certain work entity (project or process) and relates to other tasks of the same work entity in a way that ensures their interconnection and common direction. Such a task can be a sub-task of a larger activity. It causes an effect to other tasks and sub-tasks.

Dependent tasks are planned and managed within a single project or process. They consume common resources to transform available inputs into desired outputs. For example, in a project dependent tasks consume money, time, labor and other project resources to transform materials and information into measurable and observable outcomes or project deliverables. Methods and tools used to plan and manage this project are also applied to planning and managing dependent tasks and activities.

Dependency is the key condition that makes a task dependent on other tasks. Task dependency is the relationships between tasks (and their sub-tasks) within a project or process to define the rules of change for the working environment and establish logical links between start and finish of tasks.

2.9.4 Level of Effort

The phrase level of effort in the sphere of project management can and typically does have reference to any particular support type activity that customarily does not lend itself to the ultimate establishment via measure of the sum total of discrete accomplishment. The phrase level of effort, when the desire to be brief exists, can be referred to through the use of the three letter anagram LOE.

2.10 WBS Summary

Duration of the considerable number of activities in WBS which starts from the earliest of the most punctual action to the end of the movement which is completing toward the end in that specific work separate structure. From now on no real connection is should have been determined.

2.10.1 How to Add Activities Type

1. Project → Activities
2. Click on the +Add option on the top right hand side of the display
3. Activity ID and Activity name → Next
4. Select appropriate WBS to place activity where to place → Next
5. Activity type choose type → Next
6. Allocating of resources → Next
7. State duration type → Next
8. State the effort need to complete the activity → Next
9. In next step configure relationships between activities but can be done late so choose 'the no continue option' → Next
10. More information will be added about activities choose 'no thanks option' → Next Finish

2.11 How to do setting in a Primavera

Activity duration is important for completion of successful project so following procedure is use to setting or assigning activity duration

In case to control how the duration, resource units and resource units/ time for activities

$$\text{Duration} = D \times U/T$$

Activity is not initiated yet then

$$BU = OD \times B U/T$$

Activity has started then

$$RU = RD \times R U/T$$

For balancing equation there is a list to show what to do or not when one variable is change.

- D = Duration
- U/T = units/time
- OD = Original Duration
- B U/T = Budgeted Units/time
- BU = Budgeted Units
- RD = Remaining duration
- RU = Remaining Units
- R U/T = Remaining Units/time

Duration Type	If duration change then what changes?	If units/time change then what changes?	If unit change then what changes?	If add resource what changes?
Fixed Duration and Units	Units/Time	Units	Units/Time	Units/Time

Fixed duration and units/time	Units	Units	Units/Time	Units
Fixed Units	Units/Time	Duration	Duration	Duration
Fixed units/time	Units	Duration	Duration	Duration

Table 1 - Duration Types

2.12 Types of %complete

Full % complete completion of work is vital for project progress. So the movement rate for the most part used to discover the measure of work finished on an activity.

2.13 Duration % complete

Duration percent complete is used to calculate progress from the planned and remaining duration of completion. It is calculated by the formula;

$$\text{Duration \% complete} = (\text{OD} - \text{RD}) / (\text{OD}) \times 100$$

2.14 Physical % complete

The Physical % complete field shows an entered percent complete value that can be used as an alternative for calculating budgeted cost of work performed (BCWP). This field is also known as Earned Value % Complete.

2.14.1 Unit's % complete

When resources are given or assigned to an activity so actual units work will be tracked, this activity percent complete is. These actual units can be entered manually.

2.15 Baselines in Primavera

Baseline represents the approved time phase plan for a particular item or a project phase, factoring in the addition or subtraction of approved project cost, scope, schedule, and technical changes. This approved time phase plan can apply to a number of components of a project, including the project as a whole, a work package, a schedule activity, or a work breakdown structure component. The term baseline, although in most common usage applies to the current baseline, can be used to refer to the original baseline (or some other specific baseline altogether). The term baseline in project management is typically used with a modifier of some sorts. Some examples of this are "cost baseline",

“performance measurement baseline”, and “technical baseline”. For more information, see performance measurement baseline.

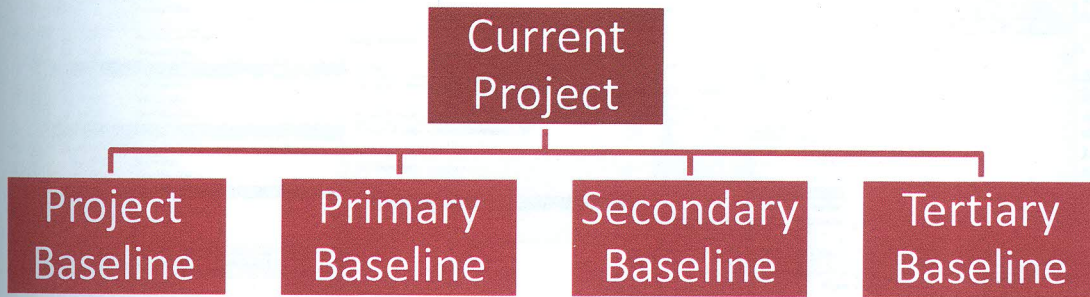


Figure 3 - Baseline

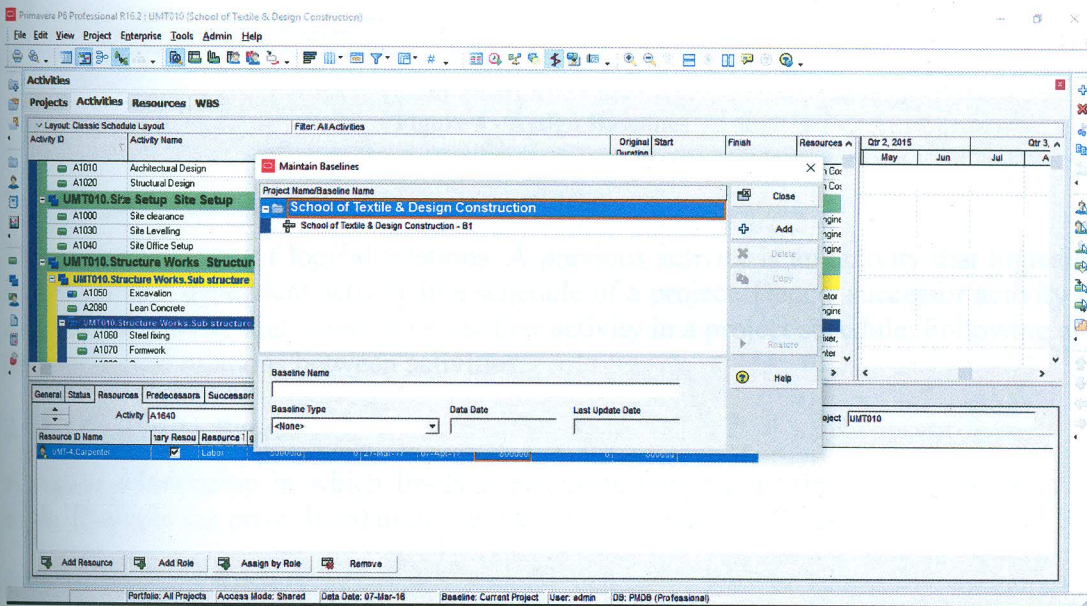


Figure 5 - Creating Baseline

2.15.1 Assigning a baseline

After maintenance of baseline forms the maintenance option then next step is to assigning baseline which is done by follow following steps.

1. Project then open option of Assign baseline
2. Select option either for project baseline or primary baseline

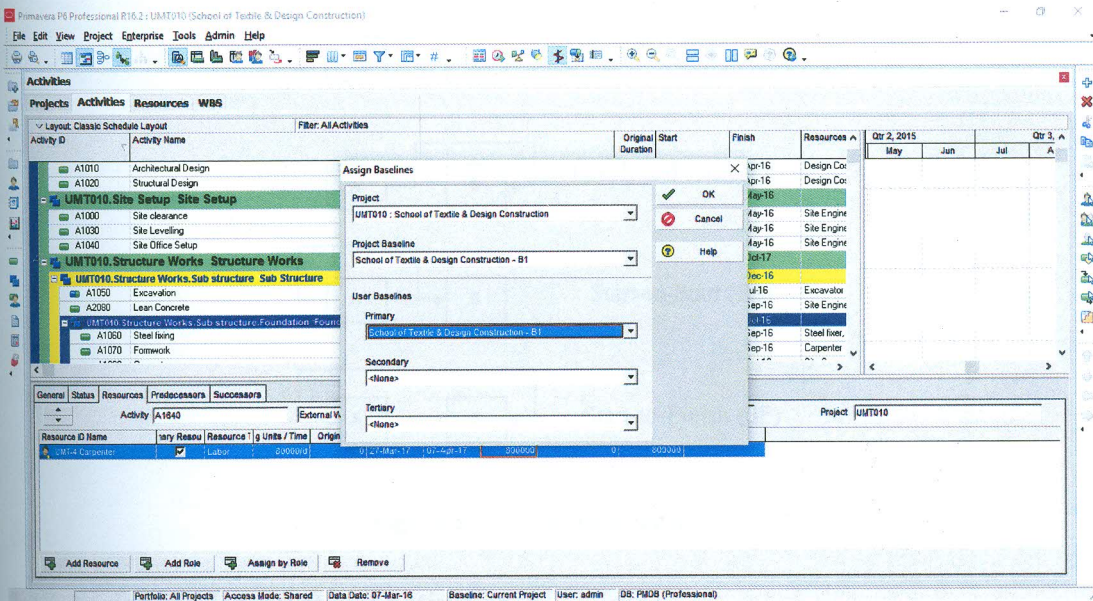


Figure 4 - Assign Baselines

2.16 Logical relationships between activities

There are four types of logical relations. A previous activity is an activity that logically comes before a dependent activity in a schedule of a project. Hence, successor activity is a dependent activity that comes after another activity in a project schedule. Following are the four logical relations between activities.

2.16.1 Finish to Start

A logical relationship in which firstly previous activity has to finish then next activity starts. Example the prize distribution cannot start until race has finished.

2.16.2 Finish to Finish

A logical relation in which a both successor and predecessor activity finished together. Example writing a document is required to finish before editing the document can finish.

2.16.3 Start to Start

A logical relation in which both successor and predecessor activity start together. Example of level concrete and pour foundation.

2.16.4 Start to Finish

A logical relation in which a successor activity cannot finish until a predecessor activity has start. Example the first shift of security guard cannot finish until unless the second security guard shift starts.

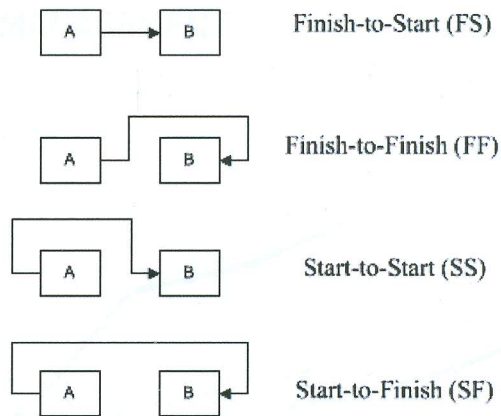


Figure 5 - Logical Relationships

2.17 Assigning Resource to activities

1. Choose Project, Activities.
2. Select the activity to which you want to assign a resource.
3. Display Activity Details, then click the Resources tab.
4. Click Add Resource.
5. Select the resource you want to assign.
If resource security is enabled you can only select resources you have access to.
6. Click the Assign button, then click the Close button

2.18 Project Bar charts

The bar chart is a two dimensional chart. The x-axis of the chart shows the project timeline. The y-axis of the chart is a list of specific activities that must be accomplished to complete the project. These activities are typically listed in order of earliest start on the project. The content of the bar chart are bars that show the planned (and/or actual) start and end times for each task. Since the tasks are usually arranged from earliest to latest, most bar charts show a pattern of bars that begin in the upper left of the chart and proceed to bars that complete the project displayed in the bottom right of the chart.

2.19 Earned Value management

Earned value management (EVM) is that the *value* of a piece of work is equal to the amount of funds budgeted to complete it. As part of EVM, you use the following information to assess your schedule and cost performance throughout your project.

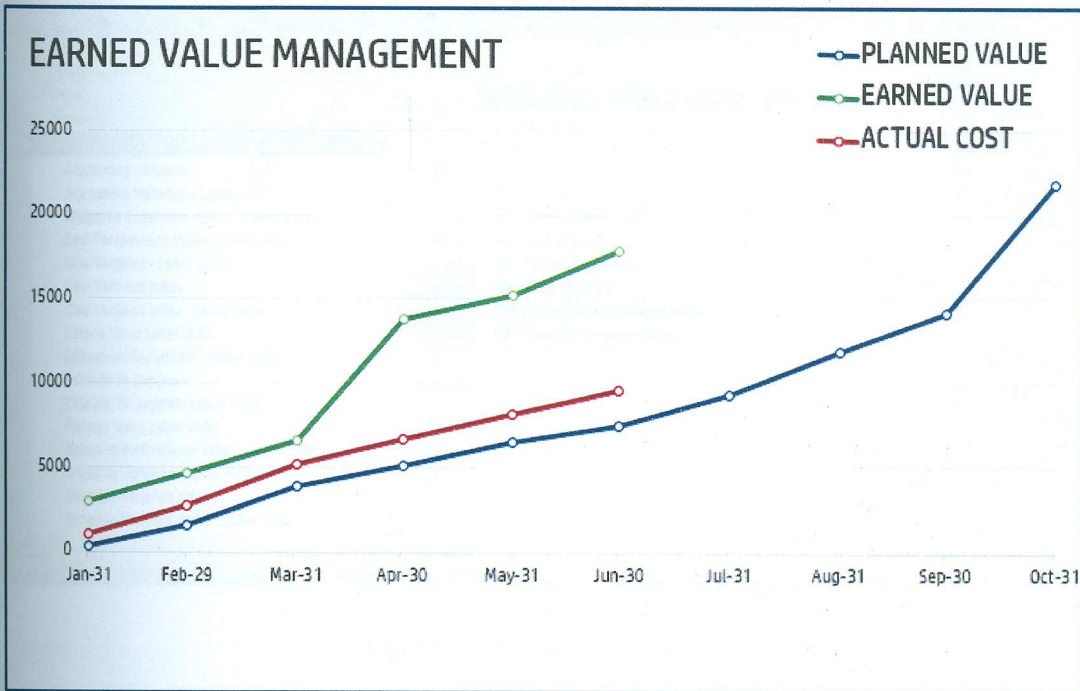


Figure 6 - Earned Value Management

2.20 Benefits of EVM

1. Making sure you do up-front planning
2. Maintaining objectivity
3. Simplifying project management
4. Increasing accountability
5. Catching problem areas early on
6. Anticipating problems
7. Motivating your team

2.20.1 EVM provide information about following

1. Planned Value(PV) = Budgeted Cost for Work Scheduled (BCWS)
2. Earned Value(EV) = Budgeted Cost work Performed (BCWP)
3. Actual Cost (AC) = Actual Cost work Performed (ACWP)
4. Budget at completion (BAC)
5. Estimate to completion (EAC)
6. Cost Variance (CV)
7. Schedule Variance (SV)

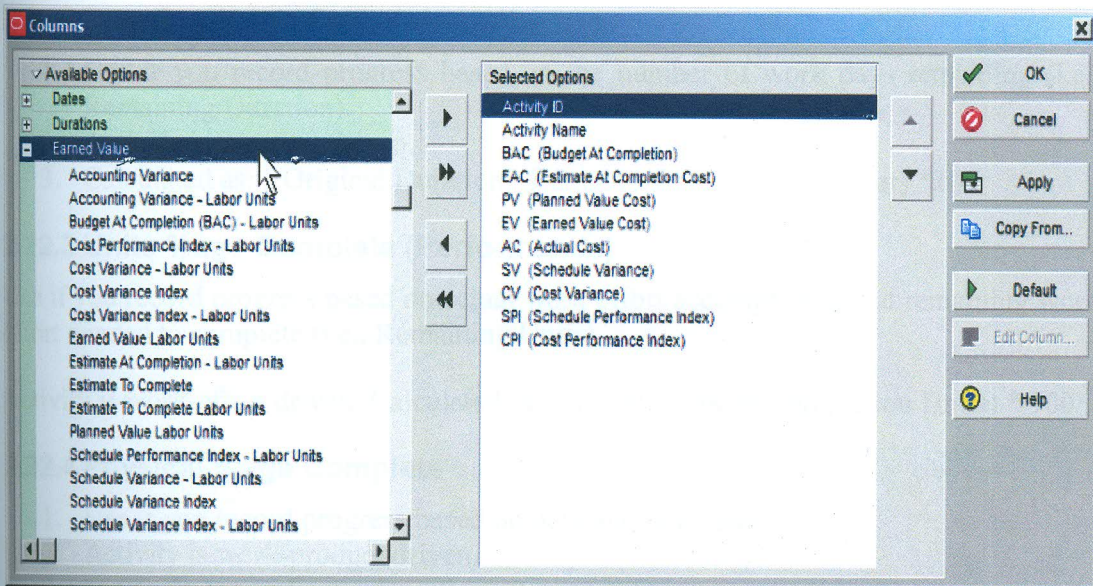


Figure 7 - EVM in Primavera6

2.21 Calculating performance %complete

2.22 Objectives:

- Describe the different types of Percent Complete.
- Determine which % Complete type to be used based on how your organization reports progress.
- Explain how activity percentages are calculated based on the Percent complete type chosen.

2.22.1 Percentage Complete Types:

The Activity Percent Complete is used to identify the amount of work completed on an activity. The user controls the calculation of Activity Percent Complete by assigning one of the three Percent Complete types to the activity:

1. Duration %age Complete
2. Units %age Complete
3. Physical %age Complete
4. Schedule %age Complete
5. Activity %age Complete

The default Percent Complete type is assigned at the project level but may be changed at the activity level.

2.22.2 Duration %age Complete

1. Use if you record progress based on the number of work days remaining (i.e., Remaining Duration).
2. Activity is duration driven.
3. Calculated as: $[(\text{Original Duration} - \text{Remaining Dur})/\text{Original Dur}] * 100$

2.22.3 Units %age Complete (Performance)

Use if you record progress based on actual work effort accomplished and remaining work effort needed to complete (i.e., Remaining Units).

Activity is work-effort driven. Calculated as: $(\text{Actual Units}/\text{At Completion Units}) * 100$

2.22.4 Physical %age Complete

1. Use if you record progress based on personal judgment.
2. Activity is work-product driven.
3. Manually entered, no calculation.

2.22.5 Schedule %age of complete

The Schedule % Complete specifies how much of the activity's baseline duration has been completed so far.

Computed based on where the current data date falls between the activity's baseline start and finish dates.

- If the data date is earlier than the BL Start, the Schedule % Complete is 0.
- If the data date is later than the BL Finish, the Schedule % Complete is 100.

The Schedule % Complete indicates how much of the activity duration should be currently completed, relative to the selected baseline.

2.22.6 Activity %age complete

Earned value is computed by using activity percentage complete method depending on the percentage complete finish.

2.22.7 WBS Milestone Percent complete

General	Notebook	Planning Resources	Budget Log	Spending Plan	Budget Summary	WBS Milestones	WPs & Docs	Earned Value
Technique for computing performance percent complete				Technique for computing Estimate to Complete (ETC)				
<input type="radio"/> Activity percent complete				<input checked="" type="radio"/> ETC = remaining cost for activity				
<input type="checkbox"/> Use resource curves / future period buckets				or				
<input checked="" type="radio"/> WBS Milestones percent complete				ETC = PF * (Budget at Completion - Earned Value), where:				
<input type="radio"/> 0/100				<input type="radio"/> PF = 1				
<input type="radio"/> 50/50				<input type="radio"/> PF = 1 / Cost Performance Index				
<input type="radio"/> Custom percent complete				<input type="radio"/> PF = 1 / (Cost Performance Index * Schedule Performance Index)				
5				0.88				

Figure 8 - Calculating WBS Percentage Performance

2.22.8 0/100 Milestone complete

It is used to calculate earned value cost as 0% after an actual start date documented and 100% after the actual finish is documented.

2.22.9 50/50

It is used to calculate earned value cost as 50% as when the actual start date is accounted and revealed hundred percent on the real wrap up .

2.23 Custom Percent complete

It calculates earned value cost as defined user %age after actual work start is documented and recorded hundred percent after an actual work is completed.

2.24 S-curve in Primavera

S-curves are an important project management tool. They allow the progress of a project to be tracked visually over time, and form a historical record of what has happened to date. Analyses of S-curves allow project managers to quickly identify project growth, slippage, and potential problems that could adversely impact the project if no remedial action is taken.

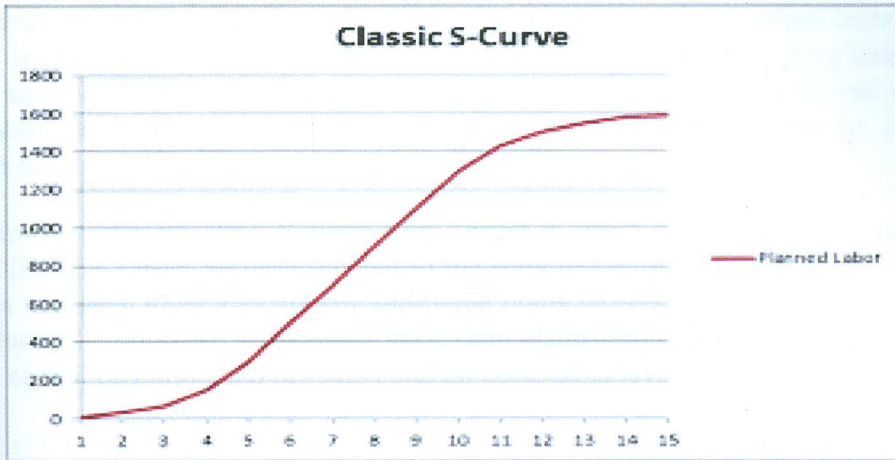


Figure 9 - S - Curve

2.24.1 Determining Growth

Comparison of the Baseline and Target S-curves quickly reveals if the project has grown (Target S-curve finishes above Baseline S-curve) or contracted (Target S-curve finishes below Baseline S-curve) in scope. A change in the project's scopes implies a re-allocation of resources (increase or decrease), and the very possible requirement to raise contract variations. If the resources are fixed, then the duration of the project will increase (finish later) or decrease (finish earlier), possibly leading to the need to submit an extension of time claim.

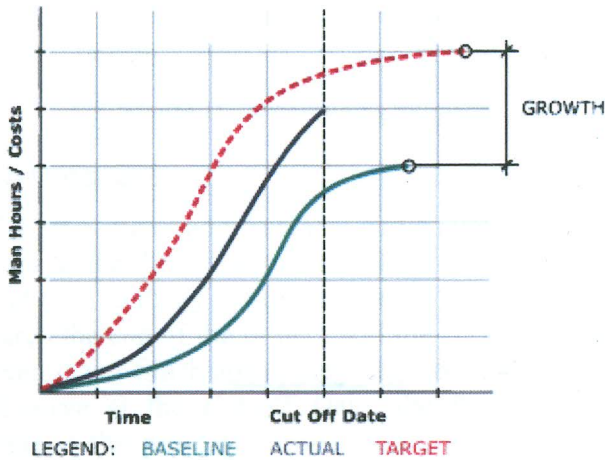


Figure 10 - Determining Growth

2.24.2 Determining Slippage

Slippage is defined as:

"The amount of time a task has been delayed from its original baseline schedule. The slippage is the difference between the scheduled start or finish date for a task and the baseline start or finish date. Slippage can occur when a baseline plan is set and the actual dates subsequently entered for tasks are later than the baseline dates or the actual durations are longer than the baseline schedule durations".

Comparison of the Baseline S-curve and Target S-curve quickly reveals any project slippage (i.e. the Target S-curve finishes to the right of the Baseline S-curve). Additional resources will need to be allocated or additional hours worked in order to eliminate (or at least reduce) the slippage. An extension of time claim may need to be submitted if the slippage cannot be eliminated or reduced to an acceptable level.

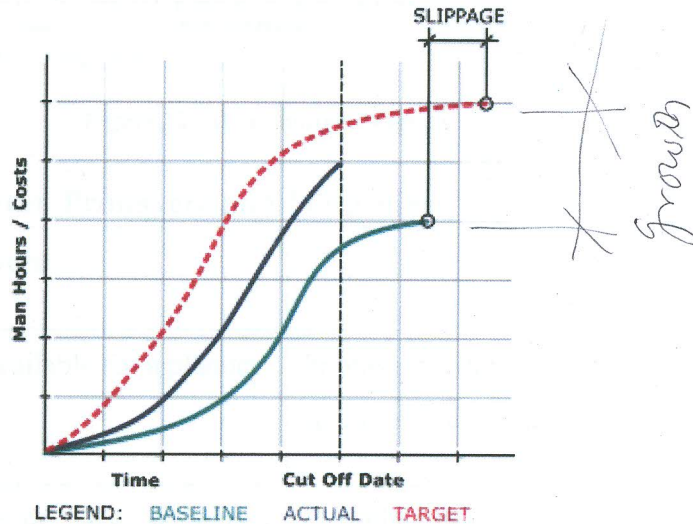


Figure 11 - Determining Slippage

2.24.3 Determining Progress

Comparison of the Target S-curve and Actual S-curve reveals the progress of the project over time. In most cases, the Actual S-curve will sit below the Target S-curve for the majority of the project (due to many factors, including delays in updating the production schedule). Only towards the end of the project will the curves converge and finally meet. The Actual S-curve can never finish above the Target S-curve. If the Actual S-curve sits above the Target S-curve at the Cut-off Date, the Production Schedule should be examined to determine if the project is truly ahead of schedule, or if the Production Schedule contains unrealistic percentage complete values for ongoing tasks.

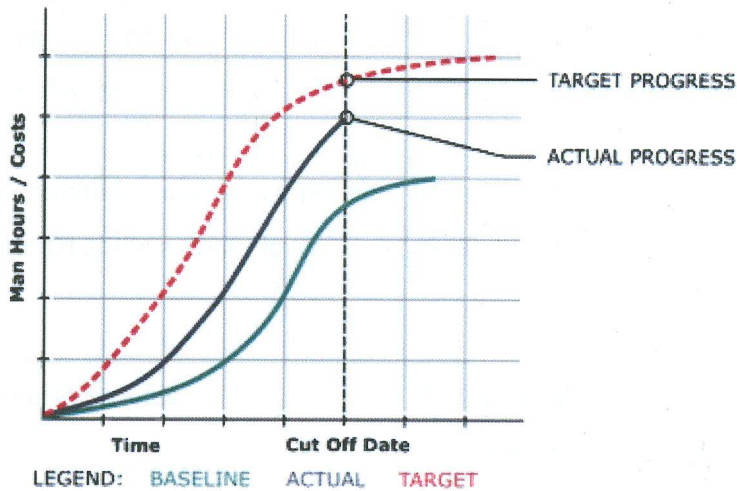


Figure 12 - Determining Progress

2.25 Difference between Primavera and MS project

Primavera	MS Project
Multi user option is not available for a planner	Primavera allow multiple users to work on a single project at the same time
Number of baseline are primary, secondary and tertiary	Unlimited baselines can be created
One of the feature is of Progress Spotlight which highlights activity table row in yellow if they are due any status in the next period	In Microsoft project requires the development of filters to allow for the selection of activities requiring status
It can record issues and risks against a project on WBS activity	Not east to tackle risks and issues

It allows documents to convert into HTML directly from the software	It does not allow documents to convert into HTML directly from the software
It allows planned, remaining and actual project expenses to be entered at the activity level	Microsoft project does not have this type of capability
It allow to create custom fields	It also allows to define formula for custom fields and add additional values to it
More than one type of relationship can be establish between activities	Only one relationship can be made between two activities
It includes projects details like different activities, resources, reports, risks, and anything one want to define	Such type of features are not available in Microsoft Project
Allowed multi projects to be created and viewed	It also allowed multi projects to be created and viewed
It has the ability to have threaded discussion with other team members from within the tool	It does not have threaded discussion with other team members from within the tool
WBS is created separated from activities as in WBS activities are defined at each level	In this activities are indented to make them look like WBS.

Table 2 - Difference between Primavera & MS Project

Chapter 3 Establishment of Project Management office

3.1 Establishment of Project Management Office (PMO) in UMT (Office of Planning and Development)

There is a desire need of Project administration office execution in UMT's Office of Planning and Development. As through this execution activities can be overseen in more compelling ways and numerous issues can be comprehended through appropriate reconnaissance. PMO give the more Affective approaches to undertakings to finish its consummation on time and cost decrease. Appropriate rule accommodated the better administration of the continuous venture. A Project Management Office (PMO) is a social event or division inside a business, office or attempt that portrays and keeps up models for errand organization inside the affiliation. After some time a PMO for the most part will turn into the hotspot for direction, documentations and measurements identified with the practices required in overseeing and actualizing ventures inside the association A PMO may moreover get incorporated into undertaking related errands and follow up on wander practices through wrap up. The work environment may give a record of errand activities, issues and essentials to authority organization as a key instrument in keeping implementers and boss advancing toward unflinching, business-or mission-focused goals and goal PMO generally bases its endeavour organization measures, practices and methodology on some kind of industry standard procedure, for instance, PMBOK (Project Management Body of Knowledge) or PRINCE2 (Project in Controlled Environments).



Figure 13 - Suggested PMO Hierarchy

3.2 Organizational Structure for UMT

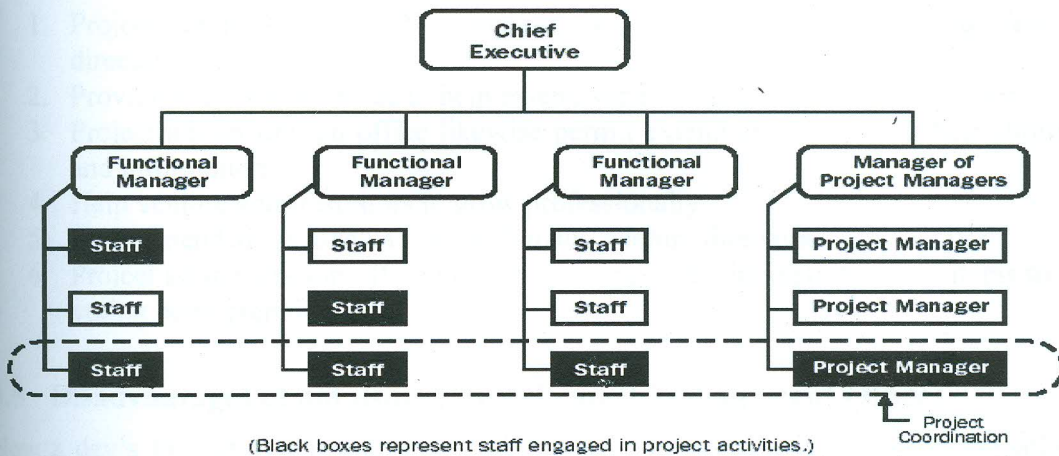


Figure 14 - Suggested organizational Structure

3.3 Goals of PMO (Project Management Office) in UMT

1. Manage all undertakings by using Best Practices and a basic figure accomplishing higher venture fruition rates
2. One of the principle point of Project administration office is that it oversee key change like cognizant gatherings of ventures, sufficiently little to succeed however can be fruitful through facilitated to accomplish vital objectives.
3. Crucial objective of venture administration office is to rand and select essential strategic change extends through venture portfolio administration to guarantee that don't over confer asset and rather concentrates endeavours on undertakings with the most elevated effect for the cost.
4. Moreover, extend responsibility and assets like individuals, hardware will be overseen in a most ideal manner.
5. The standout amongst the most critical capacity of PMO is to oversee shared asset over the venture controlled.
6. Developing and distinguishing venture administration system and best practice.
7. Mentoring, instructing and preparing
8. Monitoring consistence with Project administration gauges, approaches and methodology
9. Coordinating correspondence inside the venture Developing task approaches, methodology and formats shared documentation

3.4 Benefits of PMO (Project Management Office) to UMT

As the project management office serves the organization in many different ways some of the crucial benefits that the organization obtain from the PMO is as following.

1. Project administration office making the accessibility of qualified venture directors
2. Provide bolster work force to help extend supervisors in numerous exercises
3. Project administration office likewise permit extend chiefs to pool their abilities and information
4. Help venture administrators to grow professionally
5. Recommended for associations with many venture directors
6. Project administration office give counselling sort administration and items to its voting demographic

3.5 Disadvantages of not using PMO (Project Management Office)

Now a day's Project management office is most important need of some organizations there are some pitfall of not using PMO in organizations where it is needed. Some of the demerits are listed below.

1. Project supervisors in playing out numerous ventures can confront the issue
2. Project supervisors are not sharing prescribed procedures
3. Project chiefs are not tested to enhance their abilities
4. Project chiefs can be excessively impacted by line troughs
5. Project chiefs scattered over an association with no normal bond are huge debilitated

3.6 Types of PMO (Project Management office) in UMT

There should be three types of PMO in UMT

1. Weather station (Governance)
2. Control Tower (Centres of Excellence)
3. Resource Pool (Project Support)

3.6.1 Governance

The Weather Station project organization office expounds on what is happening yet does not endeavour to effect it. This PMO doesn't inconvenience any of the PM's who are driving exercises. These Weather Station people accumulate data about endeavours and shorten it for heads without settling on any decisions or approving any rules. They just go on the information to any person who is fascinated. It regularly turns out that no one uses their data. The Weather Station can be executed easily and if the information is locked in, they can serve boss' needs. As a less than dependable rule authorities get anxious on all the money they're spending on exercises without their genuinely understanding what's happening. They get bewildered by different revealing plans starting from different

undertaking boss with different combinations of dialect, notwithstanding the sheer number of activities proceeding as soon as possible. To end their perplexity, atmosphere station is prescribed.

3.6.2Centres of Excellence

In the Control Tower project management office, the wander office gives project management course on methodology. This consolidates wander begin, securing resources and helping contrasts. While each PM manages his own specific ventures, the Control Tower PMO will alert them to moving toward issues. It will in like manner recognize conditions where the PM is not holding quickly to the approach, particularly in the midst of booking and affirmation of expectations.

3.6.3Project Support

This type of project management office enables dares to adjust and perform. The course of action affiliations that depend seriously on errands to cooperate can't deal with the cost of absentmindedness to this key capacity. Set up a benefits pool for undertaking directors. Bosses and executives requiring augments then get an assignment chief from this file of authority. It looks good to unite the Resource Pool with the two earlier PMOs.

3.7 The road map for PMO Establishment in UMT is as following

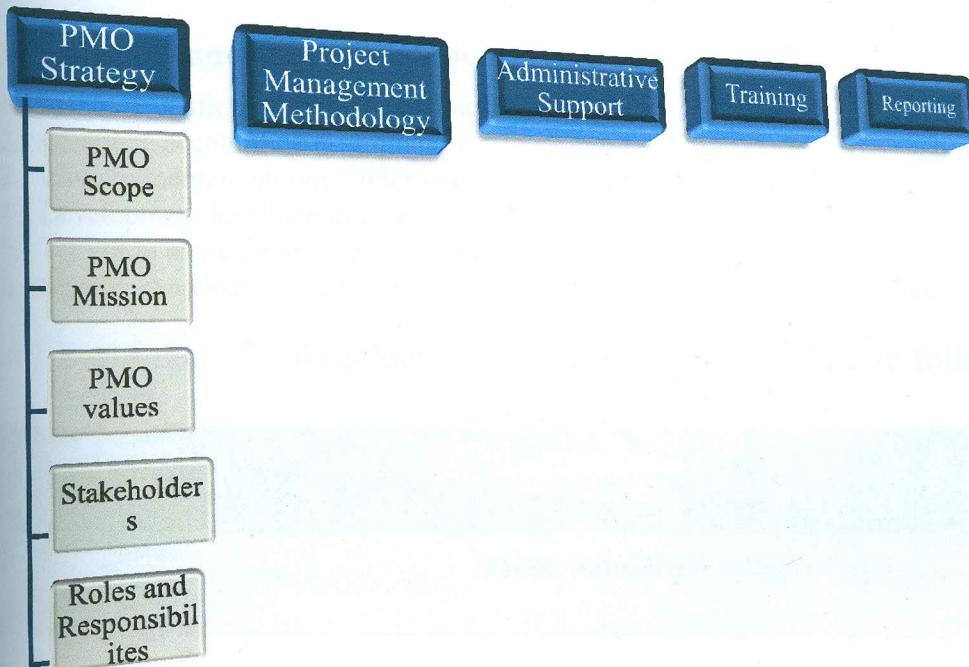


Figure 15 - Road Map for PMO Establishment

3.8 Project management office strategy

3.8.1 Project management office Scope

1. The PMO will give choice support to venture support and partners required in the project.
2. The PMO will give preparing to the project group at whatever point fundamental
3. The PMO will quantify the particular execution issues and give a notice indications of inconvenience
4. Standard formats will be create by the PMO so project management use as indicated by need

3.8.2 Project Management office Mission

1. To keep up the compelling methodology towards venture administration for the advancement of extension, quality, timetable and cost of the each venture as create by Midas security Faisalabad
2. To make a foundation for dependable assignment achievement all through the attempt through the progression of a strong organization culture and supporting condition

3.8.3 Project Management office Vision

The PMO Support the execution of association targets by giving a full game plan of master PMO organization and fulfilment of venture inside time and on spending plan.

3.8.4 Project Management office Value

1. Fair examination of the PM weaknesses
2. Complete accomplice examination
3. Clear refinement among undertaking and line assignments
4. Development level conspicuous evidence for headway documentation
5. Try not in any case an over the top number of task fields
6. Setting up a change organization from the most punctual beginning stage

3.8.4.1 Evaluation of stakeholder in PMO can be set according to following pattern

1. Low power	Low influence
2. Low power	High influence

3. High power	Low influence
4. High power	High influence

Table 3 - Evaluation of stakeholder in PMO

3.8.5 Project Management office roles and responsibilities

1. The PMO will answer to General Manager of business operation
2. Go about as contact between General Manager and Operations required in the execution of an assignment
3. The PMO will Plan with Contractor Schedules
4. The PMO will Pre Planning and Resource deciding and stock organization
5. Work with General Manager for all noteworthy equipment and supply purchases
6. Go to Construction Planning Meetings and Project
7. Help with Quality Control of Bypass Projects
8. Give Job Site Assistance to manage field operations
9. Complete exercises on timetable, inside the allocated spending arrangement and according to decided benchmarks of significant worth and execution
10. Concentrated on orchestrating and checking of suggested work
11. The venture administration office will administer setups and teardowns
12. Survey all required announcing get-together of logs From Operations
13. The PMO oversee and screen the authoritative procedure
14. The a standout amongst the most imperative obligation of PMO is to organize with upper administration and give answer for them to any issue they confronted
15. The PMO create Templates for the venture administration of association as per the necessities of senior administration
16. The PMO organize the all offices and if any division required face issue in working PMO will give answer for them

3.9 Project management Methodology

Project management approach portrayed by PMBOK will be used for the proposed PMO. The wander organization dealt with will be given particularly portrayed interfaces. The utilization of the assignment organization arranged will be iterative.

3.9.1 Project Administrative Support

Organization assume essential part in the improvement of project management office in the association as there is some capital interest in setting up a PMO particularly in light of the way that it will include organization overhead despite existing endeavours costs. Arranging necessities of the PMO will be worked upon by PMO controlling board. In the wake of spending arrangement support from Line Manager for PMO setup an office premises will be set up by Administration office. Procurement office will get fundamental office sorts of rigging and furniture for the PMO. Also organizations of an

inside organizer will be gained by Administration office to make the work environment arranged for PMO gathering. There are a few devices utilized by the Project administration office for the venture administration in the association. Apparatuses assume their own part in culmination of venture in time and on spending plan. The accompanying are the instruments that can be utilized by PMO for the viable venture administration in the association for the best advance of association.

Tool	Version
Primavera P6	15.1
Microsoft Office	2013

Table 4 - Tools used in Administrative Support

3.9.2 Project Training and Coaching

A standard get ready program for undertaking executives will be driven by the PMO at general interims. Remote instructional classes may moreover be given to wander executives on essential preface. Assignments for instructional classes will be gained by the PMO from all workplaces ultimately will be embraced by Line Manager. The said once-over will be sent to HR office for further key action. The PMO will develop the human resource which will fill the sharpening need of other undertaking bunches at various zones. This gathering will moreover assess the current legitimate structure of the PMO and give recommendations which will be kept an eye on by the Line Manager. There may be changes in PMO legitimate structure subject to support by the Line Manager with the consent of governing body.

3.9.2.1 Management Reporting

1. To report constant endeavours status, dashboards will be created and made open to senior association organization. Organization dashboards will be established on the data recorded by PMO aggregate in the said application.
2. The PMO will be careful to brief senior organization about status of at present in-progression projects.
3. PMO Head will set up an introduction thus on month to month preface for directions to association's senior organization.

The partner management is additionally imperative obligation of Project administration office. Powerful partner director will lead the advance of venture more. The venture administrator will share their taking after reports to the Project management office

1. **KPI (Key Performance Indicator)** **Include cost, quality, scope and time**

2. **Progress of Project** **According to phases**

Table 5 - Tools used in Administrative Support

3.10 Results after implementing PMO

1. Legitimate examination of the PM inadequacies
2. Complete accomplice examination
3. Clear capability among undertaking and line assignments
4. Development level recognizing evidence for headway documentation
5. Accomplishing quick wins as appropriate on time as could be permitted
6. Clear significance of PMO task fields
7. Try not in any case too much various errand fields
8. Thorough correspondence of PMO request
9. Setting up a change organization from the most punctual beginning stage
10. Clear sponsorship by the organization

Chapter 4 Implementation of Primavera

4.1 Implementation of Primavera P6 in Constructing STD building in UMT

There is a desire need of Primavera P6 implementation in UMT's office of planning and development. As through this implementation projects can be managed in more effective ways and many problems can be solved through proper surveillance. Primavera P6 provides the more Affective ways for projects to complete its completion on time and cost reduce. Proper guideline provided for the better management of the ongoing project.

4.2 Why there is a need for Primavera P6 at UMT

4.2.1 Consistent Methodology

A Primavera P6 permits everybody in the organization to talk the same dialect and take after steady procedures. Some procedures may work wonderfully, some may work awfully the fact is that none are steady with each other or over the association. You require a typical task administration procedure

4.2.2 Economics of scale

A Primavera P6 executes moderate and practical endeavour wide arrangements. It is not exceptional for an organization to have about venture administration applications inside an organization, each with its own particular money related expense for execution and preparing work force

4.2.3 Objective opinion

A Primavera P6 gives a fair and target feeling with respect to the status of a task this is significant to venture partners and officials.

4.3 Reduce Cost

One of the most important benefits of Primavera P6 is to provide accurate costing for the project completion so it helps to reduce extra expenses which may occur during completion of project.

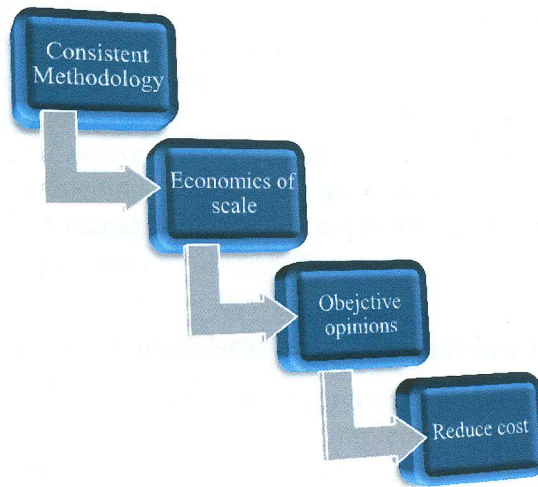


Figure 16 - Need of Primavera P6

The main benefit for the UMT to establish Primavera P6 is to better track and management of projects and moreover this tool also will be setup for providing project information regarding project from all angles.

4.4 Problems without Primavera P6

Primavera P6 has its value for the completion of project but if without Primavera P6 the ample problems can be waiting which stop the working of project effectively, some of the problems are listed as following.

1. Inappropriate scope definition
2. No Project plans are achieved without effective planning
3. Lack of Visibility on resource demands
4. Not enough expertise to review exiting projects against changing conditions.
5. Lack of achievement in terms of time, on budget and quality of deliverables due to the control over project
6. No proper planning on project procurement which is the main part of the project progress
7. Lack of communication among project team members
8. Problem in identification of risk in project
9. No documentation records.
10. Failure to check regular project progress
11. Lack of proactive project management
12. Project completion date extended due to poor planning and cost overrun

13. Tools are most important for the management of project but without Primavera P6 Planner utilize tools according to their interest which is bad for the project.
14. Some anticipates required regular communication with contractual workers. Absence of reliable collaboration with significant temporary workers influences one or more venture goals
15. One gathering of assets deals with different activities in the meantime, which results in over-burdening of assets and underutilization of different assets
16. Failure of project manager to provide accurate report on the project progress and ongoing project progress.

4.5 Challenges faced in implementation of Primavera P6 at UMT

It is not easy to implement any tool in an organization because a number of barriers are waiting in one's success road path. During implementing a Primavera P6 following challenges were faced by us. These are listed below.

1. Lack of inter-operability between the other tools
2. Failure of functionality in Primavera P6
3. Lack of experience project manager
4. Skills failure during Primavera P6 implementation
5. Problem in staffing Primavera P6 planners with experienced persons
6. Lack of stability of Primavera P6 planner resources
7. Lack of stability of Primavera P6 stakeholders
8. Increased administrative workload
9. Lack of full support of the upper management
10. Failure of stakeholder commitment with tools for Primavera P6
11. Rigid type corporate culture
12. Resistance to change by employees

4.6 Ways to tackle the aforementioned problems

While implementing the Primavera P6 in UMT numerous difficulties faced but the challenges are overcome in the following ways.

Solutions	Way forward
Benefit realization	Suggestions to Upper management
Planning of Supply and demand	Coordination with departments
Program and project prioritization	With project and program manager

Organizational alignment	With its goals and objectives
Management of Resource	With efficient tools
Streamlining all processes	Define project management processes
Commitment from senior management	Ensure all standard processes

Table 6 - Ways to tackle challenges in Primavera

4.7 Value Addition to UMT by Primavera P6

1. The Primavera P6 will align a portfolio of projects of organization with the future strategy
2. One the crucial the advantage that Primavera P6 will give is deliver project on time within budget and on schedule
3. The Primavera P6 will also provide the understanding about the dependencies linkage between various projects
4. The Primavera P6 also improve the communication between the team members for the better progress of project
5. The Primavera P6 will make analysis regarding the cost of project whether the organization go with this project or not
6. Trend analysis also make by the Primavera P6 so the organization better able to understand the ongoing or future market trend
7. Standards and Procedures are ensured by the Primavera P6
8. Organizational processes also ensured by the Primavera P6 in the company
9. Reporting mechanism in organization also effective by the Primavera P6 for proper communication among project team members or stakeholders
10. Fair examination of the Project Management shortcomings
11. Complete partner investigation
12. Clear refinement amongst undertaking and line assignments
13. Development level recognizable proof for advancement documentation
14. Try not to begin with an excessive number of assignment fields
15. Setting up a change administration from the earliest starting point
16. Clear support to the administration
17. For casting about expected cost and completion time for a project
18. Provide opportunity for risk analysis

4.8 Stakeholder

This is a procedure of distinguishing the greater part of the partners who have an interest and impact over the Primavera P6 in order to comprehend who is steady and who is not strong. This then permits an arrangement to be developed to move the individuals who are not steady to being strong. Basically stakeholders are the most important part of the Primavera P6 without them best Primavera P6 cannot be manages. It is a smart thought to recognize the key partners and have a comprehension on the off chance that they are steady or not of the Primavera P6. This can be accomplished by leading Stakeholder Analysis.

4.8.1 Evaluation of stakeholder in Implementation of Primavera P6

1. Low power	Low influence
2. Low power	High influence
3. High power	Low influence
4. High power	High influence

Table 7 - Evaluation of Stakeholders

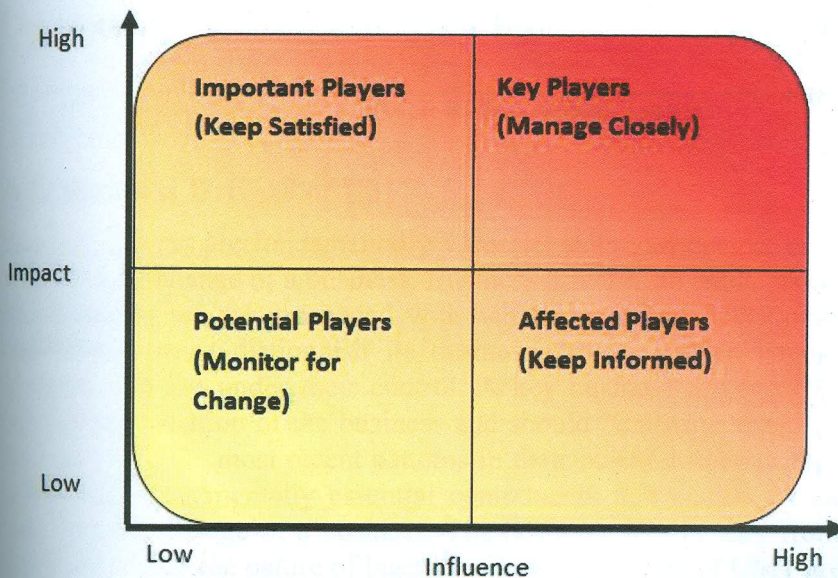


Figure 17 - Stakeholder Evaluation

4.9 Stakeholder analysis

Stakeholder analysis in project management and business organization, is the procedure of distinguishing the people or gatherings that are prone to influence or be influenced by a proposed activity, and sorting them as indicated by their effect on the activity and the effect the activity will have on them

Stakeholder	Power	Interest
UMT	High	High
Office of Planning and Development	High	High
Vendor	Low	High
Students	Low	High
Government	High	Low
Consultants	High	Low

Table 8 - Stakeholder Analysis

4.10 Business Drivers of UMT

Business drivers are fundamentally vital elements that decide, or cause an expansion in worth or real change of a business. Business driver is an asset, process or condition that is indispensable for the proceeded with achievement and development of a business. An organization must distinguish its business drivers and endeavour to amplify all key elements that are under their control. A key business driver is something that majorly affects the execution of the business and should be always redesigned to be in a state of harmony with the most recent patterns in their business sectors and innovation. Business drivers are fundamentally essential components that decide, or cause an expansion in worth or real change of a business. The business drivers vary from industry to industry it's depend upon the nature of business. Business drivers of UMT are shown as following

HEC Rankings

Professional management staff

Worldwide Accreditations

Skilful workers

Most Number of PhD Faculty

Effectiveness of Departments

UMT Graduates job ratio

Efficiency of operations

Table 9 - Business Drivers

4.11 Critical success factors

CSFs, otherwise called Key Results Areas (KRAs), are the vital territories of movement that must be performed well in the event that you are to accomplish the mission, destinations or objectives for your business or task. By recognizing your Critical Success Factors, one can make a typical perspective to help you direct and measure the accomplishment of your business or undertaking. As a typical perspective, CSFs help everybody in the group to know precisely what's generally imperative. Also, this people groups perform their own particular work in the right setting thus pull together towards the same general points.

The critical success factors of UMT project are listed below

1. Board of Governor's approval
2. Upper Management support
3. Collaboration of supplier and company
4. Project team involvement in management and implementation of strategies
5. Recognition from HEC and PEC
6. Propose of project clearly convey with the entire team
7. Knowledge of competitors in the market
8. Provide lavish Departments to our students
9. Acceptance rate of Research papers

To consider the all critical success factor must consult the Rock arts CSF type as an checklist it include the following

1. Industry

These are the characteristic that company must do for being competitive

2. Environmental

Business climate , Competitors and technological

advancements

3. Strategic

The way in which organization going to position itself in the market

4. Temporal

This include the internal forces such as Barriers, challenges and directions

Table 10 - Critical Success Factor

4.12 Business Case

As per the HEC requirements for a Textile and design School there must be proper designing labs, proper cutting labs, there must be lot of space so the students can easily perform their activities. Keeping this need in mind Rector of UMT Dr. Hassan Shoaib Murad has decided to build a building only for Textile and Design students named it as School of Textile and Design (STD) building. Along with laboratories for the textile and design school there will be few laboratories for Civil and Architect departments as well.

4.13 Project charter

4.13.1 Introduction

The project charter is the document issued by the project sponsor that formally authorizes the existence of a project and provides the project manager with the authority to apply organizational resources to project activities. Necessary information required by decision makers to approve the project for funding and it is created during the initiating phase of the project.

4.13.2 Project Purpose

The main purpose of the project is the construction of 5 levels building for School of Textile and Design (STD) in UMT Lahore Campus. STD carter all the requirements for the Textile and Design school imposed by the HEC.

4.13.3 High Level Requirement

The School of Textile and Design (STD) should be compatible with the HEC requirements. The work of STD construction shall start from the date of receipt of advance payment and nature of contract varies.

4.13.4 Success Criteria

The School of Textile and Design (STD) in UMT could fulfil the following

1. HEC Requirements
2. Instruments are installed according to Standards of quality
3. Laboratories for students
4. Cutting, designing and fabrication instruments for students

4.13.5 Estimated Duration

The estimated duration for the project is 1.5 years which will also include the approval time from the upper management.

4.13.6 High Level Risks

1. Manufacturing capabilities failures of contractor
2. Unrealistic Schedule and cost expectation
3. Conflicts between both parties
4. Potential delays in shipment of material
5. Finalization not according to the requirement
6. Failure of site acceptance test
7. Delay in custom clearance for the equipment which is to bring form abroad.

4.13.7 Milestone Schedule

Milestone No	Milestone List	Due Date
1	Start Milestone	7-03-2016
2	Structure finish Milestone	4-08-2017
3	Interior finishes Milestone	29-03-2018
4	Exterior finishes Milestone	27-12-2017
5	Electrical work finish	08-12-2017
6	Finish Milestone	09-04-2018

Table 11 - Milestone Schedule

4.13.8 Roles and Responsibilities

Name	Role	Responsibility
Mirza Mehmood Shahid	Project Manager	Perform the day to day management of the project and manage the project within the approved constraints of scope, quality, time and cost to achieve the targets
Sohail Ejaz	Site Manager	Responsible for approval of the project cost.
Saqib Haroon	Project Coordinator	Responsible for coordinating and reporting with officials on project
UMT	Project Sponsor	The sponsor work with the project team to develop the project budget and also responsible for providing all required materials and services during the project
M Usman Nagi	Change Manager	Responsible for managing the change within the project
Steering Committee	Project manager Project Sponsor Senior Manager	These all provide assistance in resolving issues in the project and monitor project progress and provide necessary tools and support for remedy

Table 12 - Roles & Responsibilities

4.13.9 Stakeholders

Serial	Stakeholder	Power	Interest	Priority
--------	-------------	-------	----------	----------

no				
1	Vendors	Low	High	Keep Informed
2	Site Manager	High	High	Manage Closely
3	Execution Head	High	High	Manage Closely
4	Students	Low	High	Keep Satisfied
5	UMT top management	High	High	Manage Closely
6	LDA	High	Low	Keep Informed
7	Government of the Punjab	High	Low	Keep Informed

Table 13 - Stakeholders

4.13.10 Budget

The total budget of project is 400,000,000/PKR. The project needs to be completed in this allocated budget. Over budget means project is moving towards late phase. 5% of the Project would be considered as the buffer.

4.13.11 Constraints

1. The work of the project under contract will be completed within the given time frame without extending time period and time period to complete this project is 18 months.
2. The completion period is subject to timely fulfilment of the sponsor obligations as per the terms and condition mentioned in the contract

Project charter approval

The undersigned acknowledge that they have reviewed the project charter and authorize and fund the project. Changes to this project charter will be coordinated with and approved by the undersigned or their designated representatives.

Signature: _____ **Date**
:

Name: _____
University of Management and Technology
(UMT)

Role: _____
Project Sponsor

Signature: _____ **Date**
:

Name: _____
Mirza Mehmood Shahid

Role: _____
Project Manager

4.14 Project Scope Statement

4.14.1 Introduction

The project scope statement is the description of the project scope, deliverables, assumptions and constraints. The project scope statement documents the entire scope including project and product scope and it also describe in detail the project outcome and the work required to create those deliverables.

4.14.2 Project Scope

Construction of STD building in UMT Lahore campus.

4.14.3 Acceptance Criteria

1. Approval of primary design from consultant
2. All the equipment's should be compatible with the structures
3. As per HEC requirements
4. Site must meet the space need for the Textile and Design School

4.14.4 Project Deliverables

1. STD building in UMT
2. Textile and design School with all required laboratories and classrooms
3. Meeting the requirements of HEC for a Textile and Design School

4.14.5 Constraints

Procedure	Direct purchase
Number of potential suppliers	Very limited
Duration of Agreement	Very Short
Schedule	Project activities must be completed within the established project schedule
Cost	Reserves can be used through approved change in the project
Scope	Project activities must be support project scope statement
Resources	All Project activities must be done with current personnel
Technology	Specifications must match with statement of work

Table 14 - Constraints

4.14.6 Assumptions

1. If there is any delay in the project execution due to civil work issues the seller shall be adequately compensated.

2. The project team will have support from the top management
3. The contractor will be entitled to get sufficient extension of time and cost relieved for delays due to unforeseeable circumstance and delay not attribute to the contractor shall be entitled to terminate the contact if such weighted delays continue for more than eight months.
4. Contractor shall submit data related to construction and drawing for approval by the sponsor
5. The approval of drawing for the STD building form the concerned authorities will be the responsibilities of the contractor.
6. Approvals shall be carried out by the sponsor
7. Submission will be made through the sponsor

Chapter 5 Appendix A: Primavera P6 Reports

Primavera P6 has been used for the project construction of School of Textile and Design in UMT Lahore Campus. This section shows generated reports of a Primavera P6 of above mentioned project. The following are the reports which are shown in this section.

- Activity Cost Report
- Activity Status Report
- Earned Value Report
- Project Network Diagram
- Project Progress Update
- Project Schedule
- Resource Sheet
- S-Curve
- Project WBS

5.1 Activity Cost Report

Project Start 07-Mar-16
Project Finish 22-Mar-18

School of Textile Design Construction
Report Date 09-Jun-17 00:10

AC-02 Activity Costs

WBS	Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
UMT	UMT010	Textile & Design Institute Construction					
	A2090	School of Textile & Design Construction					
		Start Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
	UMT010.Design	Design					
	A1010	Architectural Design	Completed	Rs1,500,000.00	Rs0.00	Rs0.00	Rs1,500,000.00
	A1020	Structural Design	Completed	Rs1,800,000.00	Rs0.00	Rs0.00	Rs1,800,000.00
	Subtotal			Rs3,300,000.00	Rs0.00	Rs0.00	Rs3,300,000.00
	UMT010.Site Setup	Site Setup					
	A1000	Site clearance	Completed	Rs400,000.00	Rs0.00	Rs0.00	Rs400,000.00
	A1030	Site Levelling	Completed	Rs342,000.00	Rs0.00	Rs0.00	Rs342,000.00
	A1040	Site Office Setup	Completed	Rs951,971.00	Rs0.00	Rs0.00	Rs951,971.00
	Subtotal			Rs1,693,971.00	Rs0.00	Rs0.00	Rs1,693,971.00
	UMT010.Structure Works	Structure Works					
	UMT010.Structure Works.Sub structure	Sub Structure					
	A1050	Excavation	Completed	Rs550,000.00	Rs0.00	Rs0.00	Rs550,000.00
	A2080	Lean Concrete	Completed	Rs724,877.00	Rs0.00	Rs0.00	Rs724,877.00
	UMT010.Structure Works.Sub structure.Found	Foundation					
	A1060	Steel fixing	Completed	Rs18,750,000.00	Rs0.00	Rs0.00	Rs18,750,000.00
	A1070	Formwork	Completed	Rs130,000.00	Rs0.00	Rs0.00	Rs130,000.00
	A1080	Concrete	Completed	Rs3,000,650.00	Rs0.00	Rs0.00	Rs3,000,650.00

AC-02 Activity Costs

WBS Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
Subtotal			Rs21,880,660.00	Rs0.00	Rs0.00	Rs21,880,660.00
UMT010.Structu Pllnth Works.Sub structure.Pllnth						
A1090	Steel fubng	Completed	Rs 18,750,960.00	Rs0.00	Rs0.00	Rs 18,750,960.00
A1100	Formwork	Completed	Rs356,000.00	Rs0.00	Rs0.00	Rs356,000.00
A1110	Concrete	Completed	Rs2,401,620.00	Rs0.00	Rs0.00	Rs2,401,620.00
Subtotal			Rs21,508,580.00	Rs0.00	Rs0.00	Rs21,508,580.00
Subtotal			Rs44,674,117.00	Rs0.00	Rs0.00	Rs44,674,117.00
UMT010.Structure Super Structure Works.Super Structure						
UMT010.Structu GF- Laboratories (School of Textile & Design Works.Super Structure.1						
A1120	Columns	Completed	Rs 19,831,080.00	Rs0.00	Rs0.00	Rs 19,831,080.00
A1130	Beams	Completed	Rs5,480,540.00	Rs0.00	Rs0.00	Rs5,480,540.00
A1140	Slabs	Completed	Rs21,441,620.00	Rs0.00	Rs0.00	Rs21,441,620.00
Subtotal			Rs46,753,240.00	Rs0.00	Rs0.00	Rs46,753,240.00
UMT010.Structu 1st Floor- Textile Dept. Class Rooms Works.Super Structure.4						
A1150	Columns	Completed	Rs 10,961,480.00	Rs0.00	Rs0.00	Rs 10,961,480.00
A1160	Beams	Completed	Rs5,480,540.00	Rs0.00	Rs0.00	Rs5,480,540.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
A1170	Slabs	Completed	Rs 15,441,620.00	Rs 0.00	Rs 0.00	Rs 15,441,620.00
Subtotal			Rs 15,441,620.00	Rs 0.00	Rs 0.00	Rs 15,441,620.00
UM10.10.Structure.2nd Floor- Textile School Faculty Offices						
Works Super Structure.3						
A1180	Columns	Completed	Rs 15,961,080.00	Rs 0.00	Rs 0.00	Rs 15,961,080.00
A1190	Beams	Completed	Rs 490,540.00	Rs 0.00	Rs 0.00	Rs 490,540.00
A1200	Slabs	Completed	Rs 3,001,620.00	Rs 0.00	Rs 0.00	Rs 3,001,620.00
Subtotal			Rs 19,453,240.00	Rs 0.00	Rs 0.00	Rs 19,453,240.00
UM10.10.Structure.3rd Floor- Architecture and Mechanical Labs						
Works Super Structure.2						
A1210	Columns	Completed	Rs 2,881,836.00	Rs 0.00	Rs 0.00	Rs 2,881,836.00
A1220	Beams	Completed	Rs 3,001,620.00	Rs 0.00	Rs 0.00	Rs 3,001,620.00
A1230	Slabs	In Progress	Rs 4,563,780.00	Rs 0.00	Rs 4,563,780.00	Rs 0.00
Subtotal			Rs 10,447,236.00	Rs 0.00	Rs 4,563,780.00	Rs 5,883,456.00
UM10.10.Structure.4th Floor-IT dept. and Computer Labs						
Works Super Structure.5						
A1240	Columns	Not Started	Rs 9,601,080.00	Rs 0.00	Rs 9,601,080.00	Rs 0.00
A1250	Beams	Not Started	Rs 16,440,000.00	Rs 0.00	Rs 16,440,000.00	Rs 0.00
A1260	Slabs	Not Started	Rs 14,560,000.00	Rs 0.00	Rs 14,560,000.00	Rs 0.00
A2110	Structure Finish Milestone	Not Started	Rs 0.00	Rs 0.00	Rs 0.00	Rs 0.00
Subtotal			Rs 40,601,080.00	Rs 0.00	Rs 40,601,080.00	Rs 0.00

AC-02 Activity Costs

WBS	Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
	Subtotal			Rs45,128,436.00	Rs0.00	Rs45,164,860.00	Rs104,963,576.00
	Subtotal			Rs45,602,553.00	Rs0.00	Rs45,164,860.00	Rs149,637,693.00
	UMT010.Finishes	Finishes					
	UMT010.Finishes.In Interior	Finishes					
	UMT010.Finishes.GF - Laboratories (School of Textile & Design	Finishes.1					
	A1270	Block work	Completed	Rs50,011,560.00	Rs0.00	Rs0.00	Rs50,011,560.00
	A1280	Plaster	Completed	Rs9,001,620.00	Rs0.00	Rs0.00	Rs9,001,620.00
	A1290	Faux Ceiling	Completed	Rs1,536,208.20	Rs0.00	Rs0.00	Rs1,536,208.20
	A1300	Paint	Not Started	Rs216,000.00	Rs0.00	Rs216,000.00	Rs0.00
	A1310	Floor Tiles	Completed	Rs4,000,000.00	Rs0.00	Rs0.00	Rs4,000,000.00
	A1320	Wood Works	In Progress	Rs5,600,000.00	Rs0.00	Rs0.00	Rs5,600,000.00
	A1330	Wall Papers	In Progress	Rs4,000,000.00	Rs0.00	Rs4,000,000.00	Rs0.00
	Subtotal			Rs74,365,388.20	Rs0.00	Rs4,216,000.00	Rs70,149,388.20
	UMT010.Finishes.1st Floor- Textile Dept. Class Rooms	Finishes.4					
	A1340	Block work	Completed	Rs1,400,000.00	Rs0.00	Rs0.00	Rs1,400,000.00
	A1350	Plaster	Completed	Rs1,200,000.00	Rs0.00	Rs0.00	Rs1,200,000.00
	A1360	Faux Ceiling	Completed	Rs2,880,000.00	Rs0.00	Rs0.00	Rs2,880,000.00
	A1370	Paint	Completed	Rs2,160,000.00	Rs0.00	Rs0.00	Rs2,160,000.00
	A1380	Floor Tiles	Completed	Rs400,000.00	Rs0.00	Rs0.00	Rs400,000.00
	A1390	Wood Works	Not Started	Rs560,000.00	Rs0.00	Rs560,000.00	Rs0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
A1400	Wall Papers	Not Started	Rs7,900,000.00	Rs0.00	Rs7,900,000.00	Rs0.00
Subtotal			Rs7,900,000.00	Rs0.00	Rs7,900,000.00	Rs0.00
UMT010.Finishe 2nd Floor- Textile School Faculty Offices Finishes.3						
A1410	Block work	Completed	Rs5,000,000.00	Rs0.00	Rs0.00	Rs5,000,000.00
A1420	Plaster	Completed	Rs5,000,000.00	Rs0.00	Rs0.00	Rs5,000,000.00
A1430	Faise Ceiling	Completed	Rs300,000.00	Rs0.00	Rs0.00	Rs300,000.00
A1440	Paint	Not Started	Rs221,784.00	Rs0.00	Rs221,784.00	Rs0.00
A1450	Floor Tiles	Not Started	Rs400,000.00	Rs0.00	Rs400,000.00	Rs0.00
A1460	Wood Works	Not Started	Rs550,000.00	Rs0.00	Rs550,000.00	Rs0.00
A1470	Wall Papers	Not Started	Rs4,000,000.00	Rs0.00	Rs4,000,000.00	Rs0.00
Subtotal			Rs17,481,784.00	Rs0.00	Rs17,481,784.00	Rs12,300,000.00
UMT010.Finishe 3rd Floor- Architecture and Mechanical Labs Finishes.2						
A1480	Block work	Not Started	Rs600,000.00	Rs0.00	Rs600,000.00	Rs0.00
A1490	Plaster	Not Started	Rs800,000.00	Rs0.00	Rs800,000.00	Rs0.00
A1500	Faise Ceiling	Not Started	Rs2,890,000.00	Rs0.00	Rs2,890,000.00	Rs0.00
A1510	Paint	Not Started	Rs2,160,000.00	Rs0.00	Rs2,160,000.00	Rs0.00
A1520	Floor Tiles	Not Started	Rs120,000.00	Rs0.00	Rs120,000.00	Rs0.00
A1530	Wood Works	Not Started	Rs551,200.00	Rs0.00	Rs551,200.00	Rs0.00
A1540	Wall Papers	Not Started	Rs4,000,000.00	Rs0.00	Rs4,000,000.00	Rs0.00
Subtotal			Rs11,121,200.00	Rs0.00	Rs11,121,200.00	Rs0.00
UMT010.Finishe 4th Floor- IT dept. and Computer Labs Finishes.5						

AC-02 Activity Costs

WBS

Activity ID

Activity Name

Activity Status

BL Total Cost

Actual Total Cost

Remaining Total Cost

Variance - Total Cost

A1550	Block work	Not Started	Rs600,000.00	Rs0.00	Rs600,000.00	Rs0.00
A1560	Plaster	Not Started	Rs6,000,000.00	Rs0.00	Rs6,000,000.00	Rs0.00
A1570	False Ceiling	Not Started	Rs2,909,997.00	Rs0.00	Rs2,909,997.00	Rs0.00
A1580	Paint	Not Started	Rs2,160,000.00	Rs0.00	Rs2,160,000.00	Rs0.00
A1590	Floor Tiles	Not Started	Rs40,000.00	Rs0.00	Rs40,000.00	Rs0.00
A1600	Wood Works	Not Started	Rs550,000.00	Rs0.00	Rs550,000.00	Rs0.00
A1610	Wall Papers	Not Started	Rs4,000,000.00	Rs0.00	Rs4,000,000.00	Rs0.00
A2120	Interior Finishes finish milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs16,269,997.00	Rs0.00	Rs16,269,997.00	Rs0.00

Subtotal

Rs45,246,981.00

Rs135,738,369.20

Rs0.00

Rs0.00

Rs90,489,388.20

UMT010.Finishes.E:Exterior Finishes

Finishes

UMT010.Finishes.GF-Laboratories (School of Textile & Design

Finishes.1

A1620

Facade Cladding

Completed

Rs600,000.00

Rs0.00

Rs600,000.00

Rs500,000.00

A1630

External Paint

Completed

Rs1,200,000.00

Rs0.00

Rs0.00

Rs1,200,000.00

A1640

External Windows

In Progress

Rs1,600,000.00

Rs0.00

Rs1,600,000.00

Rs0.00

Subtotal

Rs3,400,000.00

Rs0.00

Rs3,400,000.00

Rs1,900,000.00

UMT010.Finishes.1st Floor- Textile Dept. Class Rooms

Finishes.4

A1650

Facade Cladding

Not Started

Rs600,000.00

Rs0.00

Rs600,000.00

Rs0.00

A1660

External Paint

Not Started

Rs2,000,000.00

Rs0.00

Rs2,000,000.00

Rs0.00

A1670

External Windows

Not Started

Rs1,600,000.00

Rs0.00

Rs1,600,000.00

Rs0.00

AC-02 Activity Costs

WBS Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
Subtotal			Rs4,200,000.00	Rs0.00	Rs4,200,000.00	Rs0.00
UMT010.Finische 2nd Floor- Textile School Faculty Offices						
Finishes.3						
A1660	Facade Cladding	Not Started	Rs1,350,616.00	Rs0.00	Rs1,350,616.00	Rs0.00
A1690	External Paint	Not Started	Rs1,200,000.00	Rs0.00	Rs1,200,000.00	Rs0.00
A1700	External Windows	Not Started	Rs1,619,998.00	Rs0.00	Rs1,619,998.00	Rs0.00
Subtotal			Rs4,170,616.00	Rs0.00	Rs4,170,616.00	Rs0.00
UMT010.Finische 3rd Floor- Architecture and Mechanical Labs						
Finishes.2						
A1740	Facade Cladding	Not Started	Rs600,000.00	Rs0.00	Rs600,000.00	Rs0.00
A1720	External Paint	Not Started	Rs1,200,000.00	Rs0.00	Rs1,200,000.00	Rs0.00
A1730	External Windows	Not Started	Rs1,618,088.00	Rs0.00	Rs1,618,088.00	Rs0.00
Subtotal			Rs3,418,088.00	Rs0.00	Rs3,418,088.00	Rs0.00
UMT010.Finische 4th Floor- IT dept. and Computer Labs						
Finishes.5						
A1740	Facade Cladding	Not Started	Rs608,888.00	Rs0.00	Rs608,888.00	Rs0.00
A1750	External Paint	Not Started	Rs1,225,482.00	Rs0.00	Rs1,225,482.00	Rs0.00
A1760	External Windows	Not Started	Rs2,412,282.00	Rs0.00	Rs2,412,282.00	Rs0.00
A2130	Exterior Finishes Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs4,246,652.00	Rs0.00	Rs4,246,652.00	Rs0.00
Subtotal			Rs19,435,356.00	Rs0.00	Rs19,435,356.00	Rs1,800,000.00

AC-02 Activity Costs

WBS Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
Subtotal			1155,173,725.20	Rs0.00	Rs02,684,337.00	Rs92,269,388.20
UMT010.Plumbing Works	Plumbing Works					
UMT010.Plumbing Works.1	GF- Laboratories (School of Textile & Design					
A.1770	Drainage Supply	Completed	Rs1,275,000.00	Rs0.00	Rs0.00	Rs1,275,000.00
A.1780	Water Supply	Completed	Rs1,681,452.00	Rs0.00	Rs0.00	Rs1,681,452.00
A.1790	Plumbing Fittings & Filings	Completed	Rs1,706,931.00	Rs0.00	Rs0.00	Rs1,706,931.00
Subtotal			Rs4,663,383.00	Rs0.00	Rs0.00	Rs4,663,383.00
UMT010.Plumbing Works.4	1st Floor- Textile Dept. Class Rooms					
A.1800	Drainage Supply	Completed	Rs1,922,943.00	Rs0.00	Rs0.00	Rs1,922,943.00
A.1810	Water Supply	Completed	Rs2,837,082.00	Rs0.00	Rs0.00	Rs2,837,082.00
A.1820	Plumbing Fittings & Filings	Not Started	Rs1,633,416.00	Rs0.00	Rs1,633,416.00	Rs0.00
Subtotal			Rs5,393,441.00	Rs0.00	Rs1,633,416.00	Rs4,760,025.00
UMT010.Plumbing Works.3	2nd Floor- Textile School Faculty Offices					
A.1830	Drainage Supply	Not Started	Rs1,922,973.00	Rs0.00	Rs1,922,973.00	Rs0.00
A.1840	Water Supply	Not Started	Rs1,709,712.00	Rs0.00	Rs1,709,712.00	Rs0.00
A.1850	Plumbing Fittings & Filings	Not Started	Rs1,709,712.00	Rs0.00	Rs1,709,712.00	Rs0.00
Subtotal			Rs5,342,397.00	Rs0.00	Rs5,342,397.00	Rs0.00
UMT010.Plumbing Works.2	3rd Floor- Architecture and Mechanical Labs					
A.1860	Drainage Supply	Not Started	Rs1,943,058.00	Rs0.00	Rs1,943,058.00	Rs0.00

AC-02 Activity Costs

WBS Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
A1870	Water Supply	Not Started	Rs1,683,018.00	Rs0.00	Rs1,683,018.00	Rs0.00
A1880	Plumbing Fixtures & Fittings	Not Started	Rs1,709,715.00	Rs0.00	Rs1,709,715.00	Rs0.00
Subtotal			Rs5,335,791.00	Rs0.00	Rs5,335,791.00	Rs0.00
UMT010.Plumbing 4th Floor- IT dept. and Computer Labs						
Works.5						
A1890	Damage Supply	Not Started	Rs1,923,057.00	Rs0.00	Rs1,923,057.00	Rs0.00
A1900	Water Supply	Not Started	Rs1,709,712.00	Rs0.00	Rs1,709,712.00	Rs0.00
A1910	Plumbing Fixtures & Fittings	Not Started	Rs1,706,379.00	Rs0.00	Rs1,706,379.00	Rs0.00
A2140	Plumbing works Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs5,339,148.00	Rs0.00	Rs5,339,148.00	Rs0.00
Subtotal			1827,074,160.00	Rs0.00	Rs17,650,752.00	Rs8,423,408.00
UMT010.Electrical Electrical Works						
Works.1						
A1920	Wiring and Conduiting	Completed	Rs1,457,294.00	Rs0.00	Rs0.00	Rs1,457,294.00
A1930	Dbs and panel Installation	Completed	Rs1,202,940.00	Rs0.00	Rs0.00	Rs1,202,940.00
A1940	Electrical Fixture Installation	In Progress	Rs1,469,637.00	Rs0.00	Rs1,469,637.00	Rs0.00
Subtotal			Rs4,129,871.00	Rs0.00	Rs1,469,637.00	Rs2,670,234.00
UMT010.Electrical 1st Floor- Textile Dept. Class Rooms						
Works.4						
A1950	Wiring and Conduiting	Not Started	Rs1,442,964.00	Rs0.00	Rs1,442,964.00	Rs0.00
A1960	Dbs and panel Installation	Not Started	Rs1,202,964.00	Rs0.00	Rs1,202,964.00	Rs0.00

AC-02 Activity Costs

WBS Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
A1970	Electrical Fixture Installation	Not Started	Rs1,442,961.00	Rs0.00	Rs1,442,961.00	Rs0.00
Subtotal			Rs4,088,883.00	Rs0.00	Rs4,088,883.00	Rs0.00
UMT010.Electrical 2nd Floor- Textile School Faculty Offices Works.3						
A1980	Wiring and Conduiting	Not Started	Rs1,442,961.00	Rs0.00	Rs1,442,961.00	Rs0.00
A1990	Dis and panel Installation	Not Started	Rs1,202,967.00	Rs0.00	Rs1,202,967.00	Rs0.00
A2000	Electrical Fixture Installation	Not Started	Rs1,442,961.00	Rs0.00	Rs1,442,961.00	Rs0.00
Subtotal			Rs4,088,883.00	Rs0.00	Rs4,088,883.00	Rs0.00
UMT010.Electrical 3rd Floor- Architecture and Mechanical Labs Works.2						
A2010	Wiring and Conduiting	Not Started	Rs1,469,628.00	Rs0.00	Rs1,469,628.00	Rs0.00
A2020	Dis and panel Installation	Not Started	Rs1,226,280.00	Rs0.00	Rs1,226,280.00	Rs0.00
A2030	Electrical Fixture Installation	Not Started	Rs144.00	Rs0.00	Rs144.00	Rs0.00
Subtotal			Rs2,696,052.00	Rs0.00	Rs2,696,052.00	Rs0.00
UMT010.Electrical 4th Floor- IT dept. and Computer Labs Works.5						
A2040	Wiring and Conduiting	Not Started	Rs1,469,634.00	Rs0.00	Rs1,469,634.00	Rs0.00
A2050	Dis and panel Installation	Not Started	Rs1,202,967.00	Rs0.00	Rs1,202,967.00	Rs0.00
A2060	Electrical Fixture Installation	Not Started	Rs259,295.00	Rs0.00	Rs259,295.00	Rs0.00
A2150	Electrical Works Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs2,941,896.00	Rs0.00	Rs2,941,896.00	Rs0.00
Subtotal			Rs17,955,591.00	Rs0.00	Rs15,265,357.00	Rs2,670,234.00

AC-02 Activity Costs

WBS Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	Variance - Total Cost
UMT010.Handover	Handover					
A207D	Building Handover	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
A210D	Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs140,000,000.20	Rs0.00	Rs140,985,305.00	Rs259,014,694.20
Subtotal			Rs140,000,000.20	Rs0.00	Rs140,985,305.00	Rs259,014,694.20
Total			Rs140,000,000.20	Rs0.00	Rs140,985,305.00	Rs259,014,694.20

5.2 Activity Status Report

AD-01 Activity Status Report

WBS Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Primary Resource
UNIT							
Textile & Design Institute Construction							
School of Textile & Design Construction							
A2050	Start Machine	0	0	0%	12-Jun-17	12-Jun-17	
A1030	Design	15	0	100%	11-Apr-16 A	29-Apr-16 A	UMTF-7D Design Cost Sr.
A1010	Architectural Design	25	0	100%	07-Mar-16 A	09-Apr-16 A	UMTF-ED Design Cost Arch.
Subtotal							
UMTF010.Site Setup		40	0	07-Mar-16 A	29-Apr-16 A		
A1030	Site Levelling	3	0	100%	09-May-16 A	11-May-16 A	UMTF-1,Site Engineer
A1000	Site clearance	5	0	100%	02-May-16 A	06-May-16 A	UMTF-1,Site Engineer
A1040	Site Office Setup	10	0	100%	12-May-16 A	23-May-16 A	UMTF-1,Site Engineer
Subtotal							
UMTF010.Structure Works		18	0	02-May-16 A	26-May-16 A		
Structure Works							
Sub Structure							
A1050	Excavation	30	0	100%	26-May-16 A	28-Jul-16 A	UMTF-10,Excavator
A2080	Lean Concrete	45	0	100%	01-Jul-16 A	22-Sep-16 A	UMTF-1,Site Engineer
Subtotal							
UMTF010.Structure Foundation		8	0	100%	01-Sep-16 A	30-Sep-16 A	UMTF-3,Steel fixer
Works.Sub structure.Foundation							
A1090	Formwork	8	0	100%	30-Sep-16 A	29-Sep-16 A	UMTF-3, Carpenter
A1070	Concrete	15	0	100%	30-Sep-16 A	20-Oct-16 A	UMTF-3,Site Structure
Subtotal							
UMTF010.Structure Plinth		8	0	100%	21-Oct-16 A	01-Nov-16 A	UMTF-1,Site Engineer
Works.Sub structure.Plinth							
A1090	Formwork	8	0	100%	02-Nov-16 A	11-Nov-16 A	UMTF-1,Site Engineer

AD-01 Activity Status Report

WBS

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Primary Resource
A111D	Concrete	15	0	100%	14-Nov-16 A	02-Dec-16 A	UMT-3,Site Supervisor
Subtotal		15	0				
Subtotal		157	0				
UMT010.Structure Works.Super Structure	Super Structure						
UMT010.Structure Works.Super Structure	GF- Laboratories (School of Textile & Design Works.Super Structure.1						
A1130	Beams	5	0	100%	19-Dec-16 A	23-Dec-16 A	UMT-5, Mason
A1130	Columns	10	0	100%	05-Dec-16 A	19-Dec-16 A	UMT-1, Site Engineer
A1140	Slabs	15	0	100%	30-Dec-16 A	13-Jan-17 A	UMT-1, Site Engineer
Subtotal		30	0		05-Dec-16 A	19-Jan-17 A	
UMT010.Structure Works.Super Structure.4	1st Floor- Textile Dept. Class Rooms						
A1150	Beams	5	0	100%	30-Jan-17 A	03-Feb-17 A	UMT-5, Mason
A1150	Columns	10	0	100%	16-Jan-17 A	27-Jan-17 A	UMT-2, Site Supervisor
A1170	Slabs	15	0	100%	05-Feb-17 A	24-Feb-17 A	UMT-1, Site Engineer
Subtotal		30	0		16-Jan-17 A	24-Feb-17 A	
UMT010.Structure Works.Super Structure.6	2nd Floor- Textile School Faculty Offices						
A1190	Beams	5	0	100%	13-Mar-17 A	17-Mar-17 A	UMT-5, Mason
A1180	Columns	10	0	100%	27-Feb-17 A	10-Mar-17 A	UMT-5, Mason
A1200	Slabs	15	0	100%	30-Mar-17 A	07-Apr-17 A	UMT-5, Mason
Subtotal		30	0		27-Feb-17 A	07-Apr-17 A	
UMT010.Structure Works.Super	3rd Floor- Architecture and Mechanical Labc						

AD-01 Activity Status Report

WBS

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Primary Resource
structure							
A1220	Beams	15	0	100%	03-May-17 A	23-May-17 A	UMF-5/Mason
A1210	Columns	17	0	100%	10-Apr-17 A	03-May-17 A	UMF-1/Site Engineer
A1230	Slabs	35	11	70%	24-May-17 A	25-Jun-17	UMF-5/Mason
Subtotal		67	11		10-Apr-17 A	28-Jun-17	
UMT010.Structure	4th Floor, IT Dept. and Computer Labs						
Works,Super							
Structure,1							
A2110	Structure Finish Milestone	0	0	0%	18-Sep-17	18-Sep-17	
A1340	Columns	10	10	0%	26-Jun-17	10-Jul-17	
A1250	Beams	15	15	0%	10-Jul-17	31-Jul-17	UMF-1/Site Engineer
A1260	Slabs	35	35	0%	31-Jul-17	18-Sep-17	
Subtotal		60	60		26-Jun-17	18-Sep-17	
Subtotal		208	71		05-Dec-16 A	18-Sep-17	
Subtotal		343	71		28-May-16 A	18-Sep-17	
UMT010.Finishes	Finishes						
UMT010.Finishes,Interi	Interior Finishes						
Finishes,1							
UMT010.Finishes,In GF- Laboratories (School of Textile & Design							
Finishes,1							
A1330	MSU Papers	5	1	90%	04-Jul-17 A	30-Jun-17	UMF-15/Wall Paper Skilled Labor
A1300	Paint	9	9	0%	12-Jun-17	25-Jun-17	UMF-14/Painter
A1310	Floor Tiles	10	0	100%	11-Apr-17 A	24-Apr-17 A	UMF-5/Mason
A1290	False Ceiling	12	0	100%	27-Feb-17 A	14-Mar-17 A	UMF-1/Site Engineer
A1270	Block work	15	0	100%	16-Jun-17 A	03-Feb-17 A	UMF-1/Site Engineer
A1280	Plaster	15	0	100%	06-Feb-17 A	23-Feb-17 A	UMF-5/Mason
A1320	Wood Work	35	0	100%	09-May-17 A	23-Jun-17	UMF-4/Carpenter
Subtotal		128	16		16-Jun-17 A	30-Jun-17	

AD-01 Activity Status Report

WB 8

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	start	Finish	Primary Resource
UMT010.Finishes.in 1st Floor- Textile Dept. Class Rooms Finishes.4							
A1300	Wall Papers	5	5	0%	15-Aug-17	21-Aug-17	UMT-15.Wall Paper Skilled Labor
A1370	Paint	9	0	100%	10-May-17 A	22-May-17 A	UMT-14.Painter
A1380	Floor Tiles	10	0	100%	23-May-17 A	05-Jun-17 A	UMT-SMason
A1390	False Ceiling	12	0	100%	10-Apr-17 A	25-Apr-17 A	UMT-13.False Ceiling skilled labor
A1340	Block work	15	0	100%	27-Feb-17 A	17-Mar-17 A	UMT-SMason
A1350	Plaster	15	0	100%	20-Mar-17 A	07-Apr-17 A	UMT-SMason
A1390	Wood Works	35	35	0%	20-Jun-17	07-Aug-17	UMT-4.Carpenter
Subtotal		128	45		27-Feb-17 A	21-Aug-17	
UMT010.Finishes.in 2nd Floor- Textile School Faculty Offices Finishes.3							
A1370	Wall Papers	5	5	0%	25-Sep-17	02-Oct-17	UMT-15.Wall Paper Skilled Labor
A1340	Paint	9	9	0%	21-Jun-17	03-Jul-17	UMT-14.Painter
A1450	Floor Tiles	10	10	0%	04-Jul-17	17-Jul-17	UMT-SMason
A1430	False Ceiling	12	0	100%	22-May-17 A	05-Jun-17 A	UMT-13.False Ceiling skilled labor
A1410	Block work	15	0	100%	10-Apr-17 A	28-Apr-17 A	UMT-SMason
A1420	Plaster	15	0	100%	01-May-17 A	19-May-17 A	UMT-SMason
A1450	Wood Works	35	35	0%	01-Aug-17	18-Sep-17	UMT-4.Carpenter
Subtotal		128	74		10-Apr-17 A	02-Oct-17	
UMT010.Finishes.in 3rd Floor- Architecture and Mechanical Labs Finishes.2							
A1540	Wall Papers	5	5	0%	12-Dec-17	19-Dec-17	UMT-15.Wall Paper Skilled Labor
A1510	Paint	9	9	0%	05-Sep-17	19-Sep-17	UMT-14.Painter
A1520	Floor Tiles	10	10	0%	19-Sep-17	03-Oct-17	UMT-SMason
A1500	False Ceiling	12	12	0%	07-Aug-17	23-Aug-17	UMT-13.False Ceiling skilled labor
A1490	Block work	15	15	0%	25-Jun-17	17-Jul-17	UMT-SMason

AD-01 Activity Status Report

WBS

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % start Complete	Finish	Primary Resource
A1490	Plaster	15	15	0%	07-Aug-17	UMF-EMason
A1530	Wood Works	35	35	0%	05-Dec-17	UMF-JCarpenter
Subtotal		138	138		18-Dec-17	
UMT010.Finishes.In 4th Floor. IT Dept. and Computer Labs Finishes.5						
A1510	Wall Papers	5	5	0%	05-Mar-18	UMT-15 Wall Paper Skilled Labor
A2120	Interior Finishes finish masonry	5	5	0%	13-Mar-18	
A1580	Paint	9	9	0%	29-Nov-17	UMT-14 Painter
A1590	Floor Tiles	10	10	0%	12-Dec-17	UMT-EMason
A1570	False Ceiling	12	12	0%	30-Oct-17	UMT-13 False Ceiling skilled labor
A1550	Block work	15	15	0%	18-Sep-17	UMT-EMason
A1560	Plaster	15	15	0%	09-Oct-17	UMT-EMason
A1600	Wood Works	35	35	0%	09-Jan-18	UMT-JCarpenter
Subtotal		181	181		18-Sep-17	
subtotal						
		907	202		18-Jan-17 A	20-Mar-18
UMT010.Finishes.Exterior Finishes						
UMT010.Finishes.E OF- Laboratories (School of Textile & Design Finishes.1						
A1530	External Paint	5	0	100%	20-Mar-17 A	UMT-14 Painter
A1540	External Windows	10	1	90%	27-Mar-17 A	UMT-JCarpenter
A1520	Facade Cladding	15	0	100%	27-Feb-17 A	UMT-EMason
Subtotal		30	1		27-Feb-17 A	18-Jun-17
UMT010.Finishes.E 1st Floor. Textile Dept. Class Rooms Finishes.4						
A1550	External Paint	5	5	0%	03-Jul-17	UMT-EMason
A1570	External Windows	10	10	0%	10-Jul-17	UMT-JCarpenter

AD-01 Activity Status Report

Web

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % start Complete	Finish	Primary Resource
A1550	Facade Cladding	15	15	0%	30-Jun-17	UMT-EMason
Subtotal		30	30		21-Jul-17	
UMT010.Finishes.E.2nd Floor- Textile School Faculty Offices						
Finishes.3						
A1590	External Paint	5	5	0%	14-Aug-17	UMT-IA.Painter
A1700	External Windows	10	10	0%	21-Aug-17	UMT-4.Carpenter
A1580	Facade Cladding	15	15	0%	31-Jul-17	UMT-EMason
Subtotal		30	30		01-Sep-17	
UMT010.Finishes.E.3rd Floor- Architecture and Microbial Labs						
Finishes.2						
A1720	External Paint	5	5	0%	25-Sep-17	UMT-IA.Painter
A1730	External Windows	10	10	0%	02-Oct-17	UMT-4.Carpenter
A1710	Facade Cladding	15	15	0%	04-Sep-17	UMT-EMason
Subtotal		30	30		19-Oct-17	
UMT010.Finishes.E.4th Floor- IT Dept. and Computer Labs						
Finishes.6						
A2130	Exterior Finishes Finish	0	0	0%	11-Dec-17	
A1750	External Paint	5	5	0%	20-Nov-17	UMT-IA.Painter
A1760	External Windows	10	10	0%	27-Nov-17	UMT-IA.Painter
A1740	Facade Cladding	15	15	0%	30-Oct-17	UMT-EMason
Subtotal		30	30		30-Oct-17	
Subtotal		308	181		27-Feb-17 A	11-Dec-17
Subtotal		307	202		16-Jan-17 A	20-Mar-18
UMT010.Plumbing Works Plumbing Works						
UMT010.Plumbing GF- Laboratories (School of Textile & Design Works.1						

AD-01 Activity Status Report

WB3

Activity ID

Primary Resources

Activity Name

Original Duration

Remaining Duration

Activity % Start Complete

Finish

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Start Complete	Finish	Primary Resources
A1760	Water Supply	7	0	100%	30-Jun-17 A	UMF-17.Plumber
A1750	Plumbing Fixtures & Fittings	7	0	100%	11-Jun-17 A	UMF-17.Plumber
A1770	Damage Supply	8	0	100%	21-Jun-17 A	UMF-17.Plumber
Subtotal		22	0		11-Jul-17 A	
UMT010.Plumbing						
1st Floor- Textile Dept. Class Rooms						
Works.4						
A1810	Water Supply	7	0	100%	22-Jun-17 A	UMF-17.Plumber
A1820	Plumbing Fixtures & Fittings	7	7	0%	20-Jun-17	UMF-17.Plumber
A1800	Damage Supply	8	0	100%	21-Jun-17 A	UMF-17.Plumber
Subtotal		16	7		12-Jun-17 A	
UMT010.Plumbing						
2nd Floor- Textile School Faculty Offices						
Works.3						
A1840	Water Supply	7	7	0%	22-Jun-17	UMF-17.Plumber
A1850	Plumbing Fixtures & Fittings	7	7	0%	09-Jul-17	UMF-17.Plumber
A1830	Damage Supply	8	8	0%	12-Jun-17	UMF-17.Plumber
Subtotal		22	22		11-Jul-17	
UMT010.Plumbing						
3rd Floor- Architecture and Mechanical Labs						
Works.2						
A1870	Water Supply	7	7	0%	17-Aug-17	UMF-17.Plumber
A1880	Plumbing Fixtures & Fittings	7	7	0%	05-Sep-17	UMF-17.Plumber
A1860	Damage Supply	8	8	0%	07-Aug-17	UMF-17.Plumber
Subtotal		22	22		08-Sep-17	
UMT010.Plumbing						
4th Floor- IT dept. and Computer Labs						
Works.5						
A2140	Plumbing works Finish Milestone	0	0	0%	29-Nov-17	
A1900	Water Supply	7	7	0%	09-Nov-17	UMF-17.Plumber
A1910	Plumbing Fixtures & Fittings	7	7	0%	20-Nov-17	UMF-17.Plumber
A1890	Damage Supply	8	8	0%	30-Oct-17	UMF-17.Plumber

AD-01 Activity Status Report

WBS

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Start Complete	Finish	Primary Resource
Subtotal		22	22	30-Oct-17	28-Nov-17	
Subtotal		128	138	12-Jun-17 A	28-Nov-17	
UMT010.Electrical Works	Electrical Works					
UMT010.Electrical Works.1	GF- Laboratories (School of Textile & Design)					
A1930	Dis and panel installation	5	0	100% 30-Jun-17 A	25-Jun-17 A	UMT-19.Electrician
A1930	Wiring and Conduiting	6	0	100% 12-Jun-17 A	19-Jun-17 A	UMT-19.Electrician
A1940	Electrical Fixture Installation	6	2	70% 27-Jun-17 A	13-Jun-17	UMT-19.Electrician
Subtotal		17	2	12-Jun-17 A	28-Jun-17	
UMT010.Electrical Works.4	1st Floor- Textile Dept. Class Rooms					
A1960	Dis and panel installation	5	5	0% 30-Jun-17	25-Jun-17	UMT-19.Electrician
A1950	Wiring and Conduiting	6	6	0% 12-Jun-17	19-Jun-17	UMT-19.Electrician
A1970	Electrical Fixture Installation	6	6	0% 27-Jun-17	04-Jul-17	UMT-19.Electrician
Subtotal		17	17	12-Jun-17	04-Jul-17	
UMT010.Electrical Works.3	2nd Floor- Textile School Faculty Offices					
A1990	Dis and panel installation	5	5	0% 30-Jun-17	25-Jun-17	UMT-19.Electrician
A1980	Wiring and Conduiting	6	6	0% 12-Jun-17	19-Jun-17	UMT-19.Electrician
A2000	Electrical Fixture Installation	6	6	0% 27-Jun-17	04-Jul-17	UMT-19.Electrician
Subtotal		17	17	12-Jun-17	04-Jul-17	
UMT010.Electrical Works.2	3rd Floor- Architecture and Mechanical Labs					
A2020	Dis and panel installation	5	5	0% 15-Aug-17	22-Aug-17	UMT-19.Electrician
A2010	Wiring and Conduiting	6	6	0% 07-Aug-17	15-Aug-17	UMT-19.Electrician
A2030	Electrical Fixture Installation	6	6	0% 22-Aug-17	30-Aug-17	UMT-19.Electrician
Subtotal		17	17	07-Aug-17	30-Aug-17	

AD-01 Activity Status Report

WBS

Activity ID

Activity Name

Original Duration

Remaining Duration

Activity % Start Complete

Finish

Primary Resource

4th Floor- IT dept. and Computer Labs

UNIT010-Electrical Works.5

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Start Complete	Finish	Primary Resource
A3150	Electrical Works Finish Milestone	0	0	0%	22-Nov-17	
A3250	Doc and panel installation	5	5	0%	07-Nov-17	UNIT-19 Electrician
A3340	Wiring and Consulting	6	6	0%	30-Oct-17	UNIT-19 Electrician
A3350	Electrical Fixture Installation	6	6	0%	14-Nov-17	UNIT-19 Electrician
Subtotal		17	17		30-Oct-17	

Subtotal

118

118

12-Jun-17 A

22-Nov-17

UNIT010-Handover

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Start Complete	Finish	Primary Resource
A2100	Finish Milestone	0	0	0%	22-Mar-18	
A2070	Building Handover	2	2	0%	30-Mar-18	
Subtotal		2	2		30-Mar-18	

Subtotal

684

204

07-Mar-18 A

22-Mar-18

Subtotal

684

204

07-Mar-18 A

22-Mar-18

Total

684

204

07-Mar-18 A

22-Mar-18

5.3 Earned Value Report

AC-01 Activity Earned Value

WBS Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
UNIT	Textile & Design Institute Construction								
UMT010	School of Textile & Design Construction								
A2050	Start Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Design	Design								
A1010	Architectural Design	Completed	Rs1,500,000.00	Rs1,500,000.00	Rs0.00	Rs1,500,000.00	Rs0.00	Rs0.00	Rs0.00
A1020	Structural Design	Completed	Rs1,600,000.00	Rs1,600,000.00	Rs0.00	Rs1,600,000.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs3,300,000.00	Rs3,300,000.00	Rs0.00	Rs3,300,000.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Site Setup	Site Setup								
A1000	Site clearance	Completed	Rs400,000.00	Rs400,000.00	Rs0.00	Rs400,000.00	Rs0.00	Rs0.00	Rs0.00
A1030	Site Levelling	Completed	Rs342,000.00	Rs342,000.00	Rs0.00	Rs342,000.00	Rs0.00	Rs0.00	Rs0.00
A1040	Site Office Setup	Completed	Rs951,971.00	Rs951,971.00	Rs0.00	Rs951,971.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs1,693,971.00	Rs1,693,971.00	Rs0.00	Rs1,693,971.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Works	Structure Works								
UMT010.Structure Works.Sub structure	Sub Structure								
A1050	Excavation	Completed	Rs550,000.00	Rs550,000.00	Rs0.00	Rs550,000.00	Rs0.00	Rs0.00	Rs0.00
A2080	Lean Concrete	Completed	Rs724,877.00	Rs724,877.00	Rs0.00	Rs724,877.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Foundation	Foundation								
Works.Sub structure.Foundation									
A1060	Steel Rring	Completed	Rs18,750,000.00	Rs18,750,000.00	Rs0.00	Rs18,750,000.00	Rs0.00	Rs0.00	Rs0.00
A1070	Formwork	Completed	Rs130,000.00	Rs130,000.00	Rs0.00	Rs130,000.00	Rs0.00	Rs0.00	Rs0.00
A1080	Concrete	Completed	Rs3,000,660.00	Rs3,000,660.00	Rs0.00	Rs3,000,660.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs21,880,660.00	Rs21,880,660.00	Rs0.00	Rs21,880,660.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Plinth	Plinth								
Works.Sub structure.Plinth									
A1090	Steel Rring	Completed	Rs18,750,960.00	Rs18,750,960.00	Rs0.00	Rs18,750,960.00	Rs0.00	Rs0.00	Rs0.00
A1100	Formwork	Completed	Rs356,000.00	Rs356,000.00	Rs0.00	Rs356,000.00	Rs0.00	Rs0.00	Rs0.00
A1110	Concrete	Completed	Rs2,401,620.00	Rs2,401,620.00	Rs0.00	Rs2,401,620.00	Rs0.00	Rs0.00	Rs0.00

WBS Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
Subtotal			Rs21,506,500.00	Rs21,506,500.00	Rs0.00	Rs21,506,500.00	Rs0.00	Rs0.00	Rs0.00
Subtotal	UMT010.Structure Works.Super Structure	Super Structure	Rs44,674,117.00	Rs44,674,117.00	Rs0.00	Rs44,674,117.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Works.Super Structure	GF- Laboratories (School of Textile & Design)								
A1120	Columns	Completed	Rs19,631,050.00	Rs19,631,050.00	Rs0.00	Rs19,631,050.00	Rs0.00	Rs0.00	Rs0.00
A1130	Beams	Completed	Rs5,480,540.00	Rs5,480,540.00	Rs0.00	Rs5,480,540.00	Rs0.00	Rs0.00	Rs0.00
A1140	Slabs	Completed	Rs21,441,620.00	Rs21,441,620.00	Rs0.00	Rs21,441,620.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs46,753,240.00	Rs46,753,240.00	Rs0.00	Rs46,753,240.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Works.Super Structure.4	1st Floor- Textile Dept. Class Rooms								
A1150	Columns	Completed	Rs10,961,480.00	Rs10,961,480.00	Rs0.00	Rs10,961,480.00	Rs0.00	Rs0.00	Rs0.00
A1160	Beams	Completed	Rs5,480,540.00	Rs5,480,540.00	Rs0.00	Rs5,480,540.00	Rs0.00	Rs0.00	Rs0.00
A1170	Slabs	Completed	Rs16,441,620.00	Rs16,441,620.00	Rs0.00	Rs16,441,620.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs32,883,640.00	Rs32,883,640.00	Rs0.00	Rs32,883,640.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Works.Super Structure.3	2nd Floor- Textile School Faculty Offices								
A1180	Columns	Completed	Rs15,951,050.00	Rs15,951,050.00	Rs0.00	Rs15,951,050.00	Rs0.00	Rs0.00	Rs0.00
A1190	Beams	Completed	Rs480,540.00	Rs480,540.00	Rs0.00	Rs480,540.00	Rs0.00	Rs0.00	Rs0.00
A1200	Slabs	Completed	Rs3,001,620.00	Rs3,001,620.00	Rs0.00	Rs3,001,620.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs19,443,240.00	Rs19,443,240.00	Rs0.00	Rs19,443,240.00	Rs0.00	Rs0.00	Rs0.00
UMT010.Structure Works.Super	3rd Floor- Architecture and Mechanical Labs								

WBS	Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
	A1210	Columns	Completed	Rs2,891,836.00	Rs2,891,836.00	Rs0.00	Rs2,891,836.00	Rs0.00	Rs0.00	\$2,891,836.00
	A1220	Beams	Completed	Rs3,001,620.00	Rs3,001,620.00	Rs0.00	Rs3,001,620.00	Rs0.00	Rs0.00	\$3,001,620.00
	A1230	Slabs	In Progress	Rs1,695,118.29	Rs3,194,646.00	Rs0.00	Rs4,963,780.00	Rs1,369,134.00	Rs1,369,134.00	\$3,194,646.00
	Subtotal			Rs7,578,574.29	Rs9,078,102.00	Rs0.00	Rs10,447,236.00	Rs1,369,134.00	Rs1,369,134.00	\$9,078,102.00
	UMT010.Structure 4th Floor- IT dept. and Computer Labs									
	Works Super Structure-5									
	A1240	Columns	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs9,601,000.00	Rs0.00	Rs9,601,000.00	Rs0.00
	A1250	Beams	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs16,440,000.00	Rs0.00	Rs16,440,000.00	Rs0.00
	A1260	Slabs	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs14,960,000.00	Rs0.00	Rs14,960,000.00	Rs0.00
	A2110	Structure Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
	Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs14,401,000.00	Rs0.00	Rs14,401,000.00	Rs0.00
	Subtotal			1106,658,634.29	1108,158,222.00	Rs0.00	Rs1,50,128,435.00	Rs41,970,214.00	Rs41,970,214.00	Rs8,158,222.00
	Subtotal			1151,332,811.29	1152,832,339.00	Rs0.00	Rs1,94,002,553.00	Rs41,970,214.00	Rs41,970,214.00	Rs2,832,339.00
	UMT010.Finishes Finishes									
	UMT010.Finishes.Interi Interior Finishes									
	UMT010.Finishes.Int GF- Laboratories (School of Textile & Design Finishes.1									
	A1270	Block work	Completed	Rs50,011,560.00	Rs50,011,560.00	Rs0.00	Rs50,011,560.00	Rs0.00	Rs0.00	Rs0.00
	A1280	Plaster	Completed	Rs9,001,620.00	Rs9,001,620.00	Rs0.00	Rs9,001,620.00	Rs0.00	Rs0.00	Rs0.00
	A1290	False Ceiling	Completed	Rs1,536,208.20	Rs1,536,208.20	Rs0.00	Rs1,536,208.20	Rs0.00	Rs0.00	Rs0.00
	A1300	Paint	Not Started	Rs216,000.00	Rs0.00	Rs0.00	Rs216,000.00	Rs0.00	Rs216,000.00	Rs0.00
	A1310	Floor Tiles	Completed	Rs4,000,000.00	Rs4,000,000.00	Rs0.00	Rs4,000,000.00	Rs0.00	Rs0.00	Rs0.00
	A1320	Wood Works	In Progress	Rs3,540,000.00	Rs5,600,000.00	Rs0.00	Rs5,600,000.00	Rs0.00	Rs0.00	Rs0.00
	A1330	Wall Papers	In Progress	Rs0.00	Rs3,600,000.00	Rs0.00	Rs4,000,000.00	Rs0.00	Rs0.00	Rs0.00
	Subtotal			Rs68,605,388.20	Rs73,745,388.20	Rs0.00	Rs74,365,388.20	Rs0.00	Rs0.00	Rs0.00

UMT010.Finishes.Int1st Floor- Textile Dept. Class Rooms

Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
Finishes.4									
A1340	Block work	Completed	Rs1,400,000.00	Rs1,400,000.00	Rs0.00	Rs1,400,000.00	Rs0.00	Rs0.00	Rs1,400,000.00
A1350	Plaster	Completed	Rs1,200,000.00	Rs1,200,000.00	Rs0.00	Rs1,200,000.00	Rs0.00	Rs0.00	Rs1,200,000.00
A1360	False Ceiling	Completed	Rs2,890,000.00	Rs2,890,000.00	Rs0.00	Rs2,890,000.00	Rs0.00	Rs0.00	Rs2,890,000.00
A1370	Paint	Completed	Rs2,160,000.00	Rs2,160,000.00	Rs0.00	Rs2,160,000.00	Rs0.00	Rs0.00	Rs2,160,000.00
A1380	Floor Tiles	Completed	Rs400,000.00	Rs400,000.00	Rs0.00	Rs400,000.00	Rs0.00	Rs0.00	Rs400,000.00
A1390	Wood Works	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs560,000.00	Rs560,000.00	Rs560,000.00	Rs0.00
A1400	Wall Papers	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs7,900,000.00	Rs7,900,000.00	Rs7,900,000.00	Rs0.00
Subtotal			Rs6,040,000.00	Rs6,040,000.00	Rs0.00	Rs6,040,000.00	Rs6,040,000.00	Rs6,040,000.00	Rs0.00

UMT010.Finishes.Int2nd Floor- Textile School Faculty Offices

Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
Finishes.3									
A1410	Block work	Completed	Rs6,000,000.00	Rs6,000,000.00	Rs0.00	Rs6,000,000.00	Rs0.00	Rs0.00	Rs6,000,000.00
A1420	Plaster	Completed	Rs6,000,000.00	Rs6,000,000.00	Rs0.00	Rs6,000,000.00	Rs0.00	Rs0.00	Rs6,000,000.00
A1430	False Ceiling	Completed	Rs300,000.00	Rs300,000.00	Rs0.00	Rs300,000.00	Rs0.00	Rs0.00	Rs300,000.00
A1440	Paint	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs221,784.00	Rs221,784.00	Rs221,784.00	Rs0.00
A1450	Floor Tiles	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs400,000.00	Rs400,000.00	Rs400,000.00	Rs0.00
A1460	Wood Works	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs560,000.00	Rs560,000.00	Rs560,000.00	Rs0.00
A1470	Wall Papers	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs4,000,000.00	Rs4,000,000.00	Rs4,000,000.00	Rs0.00
Subtotal			Rs12,300,000.00	Rs12,300,000.00	Rs0.00	Rs12,300,000.00	Rs12,300,000.00	Rs12,300,000.00	Rs0.00

UMT010.Finishes.Int3rd Floor- Architecture and Mechanical Labs

Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
Finishes.2									
A1480	Block work	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs600,000.00	Rs600,000.00	Rs600,000.00	Rs0.00
A1490	Plaster	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs800,000.00	Rs800,000.00	Rs800,000.00	Rs0.00
A1500	False Ceiling	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs2,890,000.00	Rs2,890,000.00	Rs2,890,000.00	Rs0.00
A1510	Paint	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs2,160,000.00	Rs2,160,000.00	Rs2,160,000.00	Rs0.00
A1520	Floor Tiles	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs120,000.00	Rs120,000.00	Rs120,000.00	Rs0.00
A1530	Wood Works	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs561,200.00	Rs561,200.00	Rs561,200.00	Rs0.00
A1540	Wall Papers	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs4,000,000.00	Rs4,000,000.00	Rs4,000,000.00	Rs0.00

WBS	Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC	
	Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs11,121,200.00	Rs11,121,200.00	Rs11,121,200.00	Rs0.00	
	UMT010.Finishes.Im1 4th Floor- IT dept. and Computer Labs										
	Finishes.5										
	A1550	Block work	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs600,000.00	Rs600,000.00	Rs600,000.00	Rs0.00	
	A1560	Plaster	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs6,000,000.00	Rs6,000,000.00	Rs6,000,000.00	Rs0.00	
	A1570	Fauxe Ceiling	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs2,909,997.00	Rs2,909,997.00	Rs2,909,997.00	Rs0.00	
	A1580	Paint	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs2,160,000.00	Rs2,160,000.00	Rs2,160,000.00	Rs0.00	
	A1590	Floor Tiles	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs40,000.00	Rs40,000.00	Rs40,000.00	Rs0.00	
	A1600	Wood Works	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs560,000.00	Rs560,000.00	Rs560,000.00	Rs0.00	
	A1610	Wall Papers	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs4,000,000.00	Rs4,000,000.00	Rs4,000,000.00	Rs0.00	
	A2120	Interior Finishes (Tish milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	
	Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs16,269,997.00	Rs16,269,997.00	Rs16,269,997.00	Rs0.00	

Subtotal :886,945,366.20 :834,089,388.20

Rs0.00 :135,738,389.20 :841,648,981.00 :841,648,981.00

Rs0.00 :135,738,389.20 :841,648,981.00 :841,648,981.00

	UMT010.Finishes.Exteri Exterior Finishes										
	Finishes										
	UMT010.Finishes.Ex GF- Laboratories (School of Textile & Design										
	Finishes.1										
	A1620	Facade Cladding	Completed	Rs600,000.00	Rs600,000.00	Rs0.00	Rs600,000.00	Rs0.00	Rs0.00	Rs600,000.00	
	A1630	External Paint	Completed	Rs1,200,000.00	Rs1,200,000.00	Rs0.00	Rs1,200,000.00	Rs0.00	Rs0.00	Rs1,200,000.00	
	A1640	External Windows	In Progress	Rs1,600,000.00	Rs1,440,000.00	Rs0.00	Rs1,600,000.00	Rs160,000.00	Rs160,000.00	Rs1,440,000.00	
	Subtotal			Rs3,400,000.00	Rs3,240,000.00	Rs0.00	Rs3,400,000.00	Rs160,000.00	Rs160,000.00	Rs3,240,000.00	

	UMT010.Finishes.Ex 1st Floor- Textile Dept. Class Rooms										
	Finishes.4										
	A1650	Facade Cladding	Not Started	Rs600,000.00	Rs0.00	Rs0.00	Rs600,000.00	Rs600,000.00	Rs600,000.00	Rs0.00	
	A1660	External Paint	Not Started	Rs2,000,000.00	Rs0.00	Rs0.00	Rs2,000,000.00	Rs2,000,000.00	Rs2,000,000.00	Rs0.00	
	A1670	External Windows	Not Started	Rs1,600,000.00	Rs0.00	Rs0.00	Rs1,600,000.00	Rs1,600,000.00	Rs1,600,000.00	Rs0.00	
	Subtotal			Rs4,200,000.00	Rs0.00	Rs0.00	Rs4,200,000.00	Rs4,200,000.00	Rs4,200,000.00	Rs0.00	

UMT010.Finishes.Ex2nd Floor- Textile School Faculty Offices

Finishes.3

A1680	Facade Cladding	Not Started	Rs1,350,618.00	Rs0.00	Rs1,350,618.00	Rs1,350,618.00	Rs0.00	Rs0.00	Rs0.00
A1690	External Paint	Not Started	Rs0.00	Rs0.00	Rs1,200,000.00	Rs1,200,000.00	Rs1,200,000.00	Rs1,200,000.00	Rs0.00
A1700	External Windows	Not Started	Rs0.00	Rs0.00	Rs1,619,998.00	Rs1,619,998.00	Rs1,619,998.00	Rs1,619,998.00	Rs0.00
Subtotal			Rs1,350,618.00	Rs0.00	Rs4,170,616.00	Rs4,170,616.00	Rs4,170,616.00	Rs4,170,616.00	Rs0.00

UMT010.Finishes.Ex3rd Floor- Architecture and Mechanical Labs

Finishes.2

A1710	Facade Cladding	Not Started	Rs0.00	Rs0.00	Rs600,000.00	Rs600,000.00	Rs600,000.00	Rs600,000.00	Rs0.00
A1720	External paint	Not Started	Rs0.00	Rs0.00	Rs1,200,000.00	Rs1,200,000.00	Rs1,200,000.00	Rs1,200,000.00	Rs0.00
A1730	External Windows	Not Started	Rs0.00	Rs0.00	Rs1,618,088.00	Rs1,618,088.00	Rs1,618,088.00	Rs1,618,088.00	Rs0.00
Subtotal			Rs0.00	Rs0.00	Rs3,418,088.00	Rs3,418,088.00	Rs3,418,088.00	Rs3,418,088.00	Rs0.00

UMT010.Finishes.Ex4th Floor-IT dept. and Computer Labs

Finishes.5

A1740	Facade Cladding	Not Started	Rs0.00	Rs0.00	Rs600,888.00	Rs600,888.00	Rs600,888.00	Rs600,888.00	Rs0.00
A1750	External Paint	Not Started	Rs0.00	Rs0.00	Rs1,225,482.00	Rs1,225,482.00	Rs1,225,482.00	Rs1,225,482.00	Rs0.00
A1760	External Windows	Not Started	Rs0.00	Rs0.00	Rs2,412,282.00	Rs2,412,282.00	Rs2,412,282.00	Rs2,412,282.00	Rs0.00
A2130	Exterior Finishes Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs0.00	Rs0.00	Rs4,246,652.00	Rs4,246,652.00	Rs4,246,652.00	Rs4,246,652.00	Rs0.00

Subtotal

Rs8,350,618.00

Rs3,240,000.00

Rs16,195,356.00

Rs16,195,356.00

Rs3,240,000.00

Rs3,240,000.00

Subtotal

Rs97,895,006.20

Rs97,329,386.20

Rs57,844,337.00

Rs57,844,337.00

Rs7,329,386.20

Rs7,329,386.20

UMT010.Plumbing Works Plumbing Works

Works.1

GF- Laboratories (School of Textile & Design

A1770	Damage Supply	Completed	Rs1,275,000.00	Rs1,275,000.00	Rs1,275,000.00	Rs1,275,000.00	Rs1,275,000.00	Rs1,275,000.00	Rs0.00
A1780	Water Supply	Completed	Rs1,661,452.00	Rs1,661,452.00	Rs1,661,452.00	Rs1,661,452.00	Rs1,661,452.00	Rs1,661,452.00	Rs0.00
A1790	Plumbing Fixtures & Fittings	Completed	Rs1,706,931.00	Rs1,706,931.00	Rs1,706,931.00	Rs1,706,931.00	Rs1,706,931.00	Rs1,706,931.00	Rs0.00

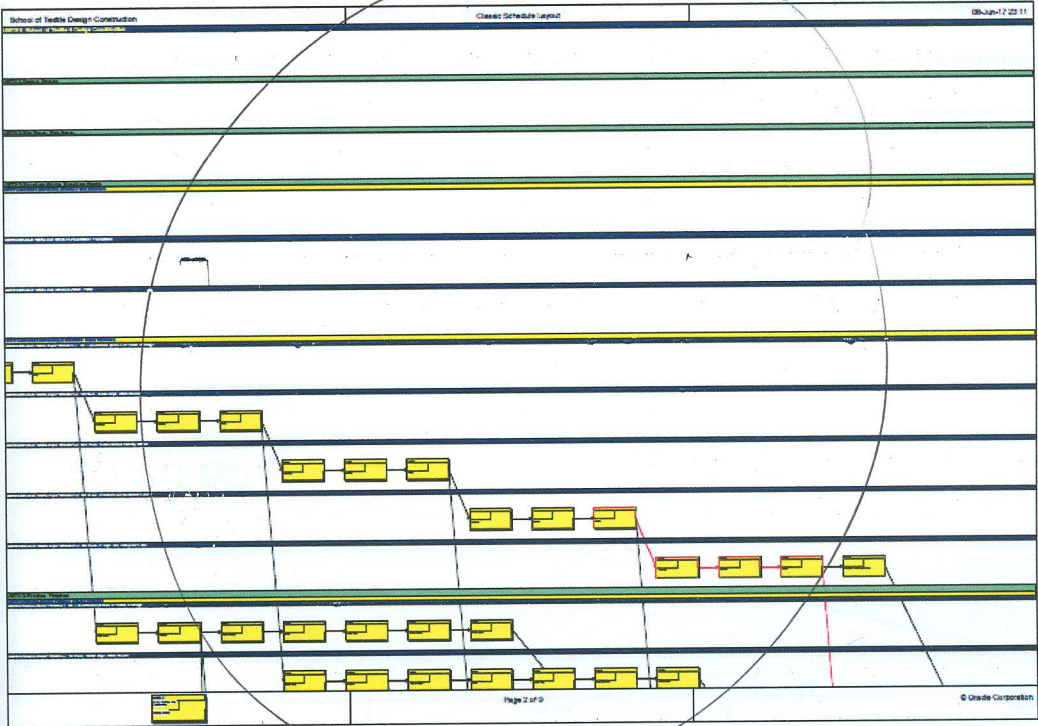
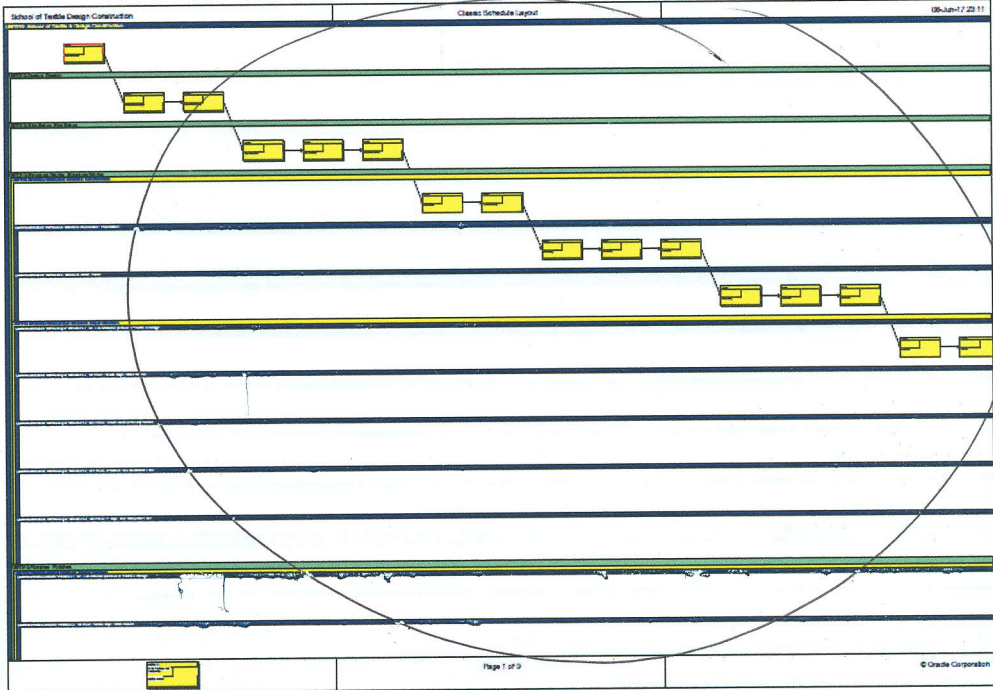
WBS	Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
	Subtotal			Rs4,653,383.00	Rs4,653,383.00	Rs0.00	Rs4,653,383.00	Rs0.00	Rs0.00	Rs4,653,383.00
	UMT010.Plumbing	1st Floor- Textile Dept. Class Rooms								
	Works.4									
	A1800	Damage Supply	Completed	Rs1,922,943.00	Rs1,922,943.00	Rs0.00	Rs1,922,943.00	Rs0.00	Rs0.00	Rs1,922,943.00
	A1810	Water Supply	Completed	Rs2,837,082.00	Rs2,837,082.00	Rs0.00	Rs2,837,082.00	Rs0.00	Rs0.00	Rs2,837,082.00
	A1820	Plumbing Fixtures & Fittings	Not Started	Rs1,633,416.00	Rs0.00	Rs0.00	Rs1,633,416.00	Rs1,633,416.00	Rs1,633,416.00	Rs0.00
	Subtotal			Rs6,393,441.00	Rs4,760,025.00	Rs0.00	Rs6,393,441.00	Rs1,633,416.00	Rs1,633,416.00	Rs4,760,025.00
	UMT010.Plumbing	2nd Floor- Textile School Faculty Offices								
	Works.3									
	A1830	Damage Supply	Not Started	Rs1,922,973.00	Rs0.00	Rs0.00	Rs1,922,973.00	Rs1,922,973.00	Rs1,922,973.00	Rs0.00
	A1840	Water Supply	Not Started	Rs1,709,712.00	Rs0.00	Rs0.00	Rs1,709,712.00	Rs1,709,712.00	Rs1,709,712.00	Rs0.00
	A1850	Plumbing Fixtures & Fittings	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,709,712.00	Rs1,709,712.00	Rs1,709,712.00	Rs0.00
	Subtotal			Rs3,632,685.00	Rs0.00	Rs0.00	Rs3,632,685.00	Rs3,632,685.00	Rs3,632,685.00	Rs0.00
	UMT010.Plumbing	3rd Floor- Architecture and Mechanical Labs								
	Works.2									
	A1860	Damage Supply	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,943,058.00	Rs1,943,058.00	Rs1,943,058.00	Rs0.00
	A1870	Water Supply	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,693,018.00	Rs1,693,018.00	Rs1,693,018.00	Rs0.00
	A1880	Plumbing Fixtures & Fittings	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,709,715.00	Rs1,709,715.00	Rs1,709,715.00	Rs0.00
	Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs5,355,791.00	Rs5,355,791.00	Rs5,355,791.00	Rs0.00
	UMT010.Plumbing	4th Floor- IT dept and Computer Labs								
	Works.5									
	A1890	Damage Supply	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,923,057.00	Rs1,923,057.00	Rs1,923,057.00	Rs0.00
	A1900	Water Supply	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,709,712.00	Rs1,709,712.00	Rs1,709,712.00	Rs0.00
	A1910	Plumbing Fixtures & Fittings	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,706,379.00	Rs1,706,379.00	Rs1,706,379.00	Rs0.00
	A2140	Plumbing works Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
	Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs3,339,148.00	Rs3,339,148.00	Rs3,339,148.00	Rs0.00

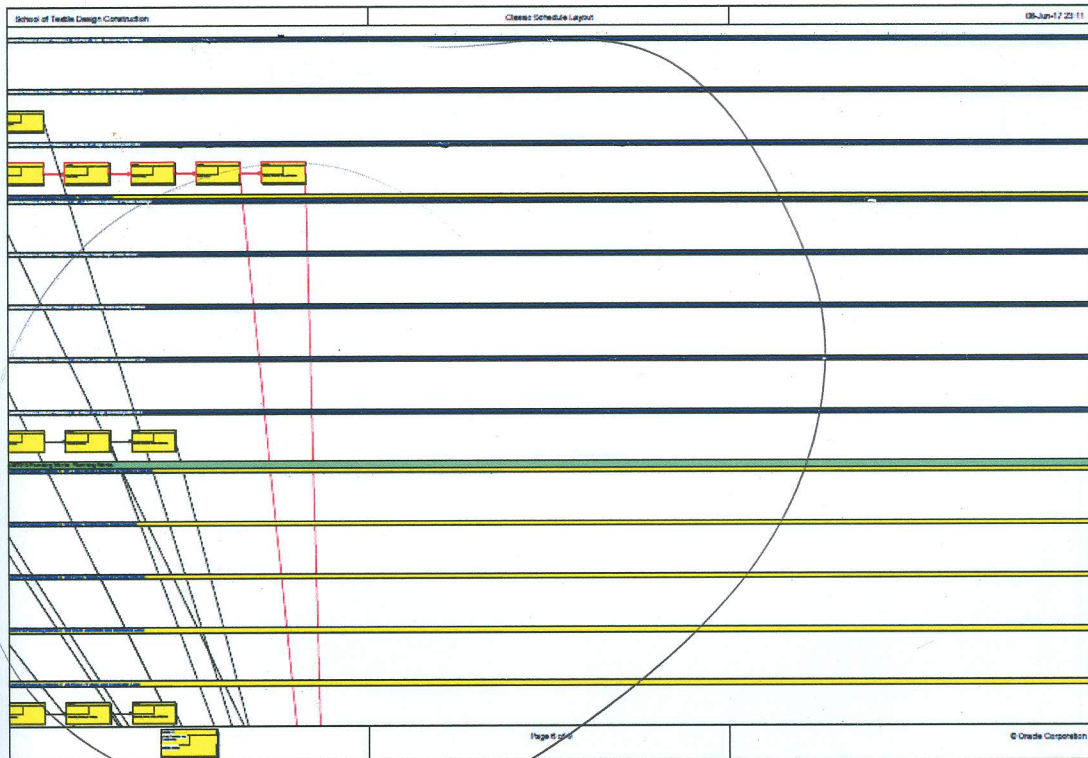
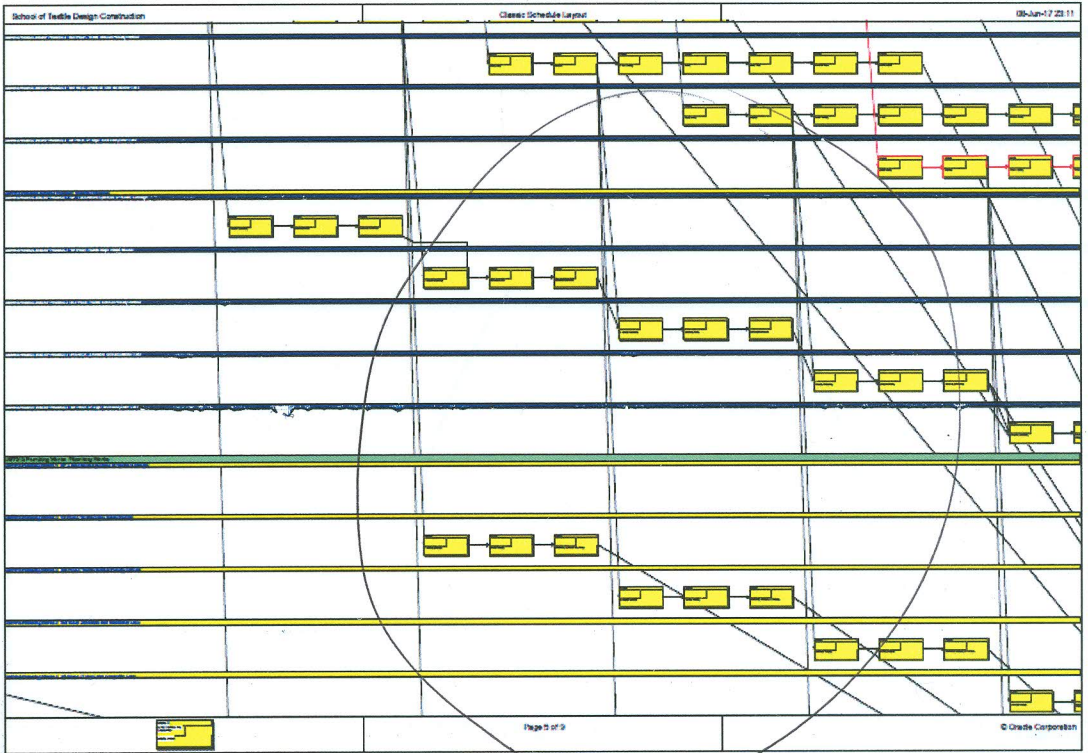
Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
Subtotal			Rs 14,695,509.00	Rs 423,408.00	Rs 0.00	Rs 27,974,160.00	Rs 17,650,752.00	Rs 17,650,752.00	Rs 423,408.00
UMT010.Electrical Works									
GF- Laboratories (School of Textile & Design Works.1									
A1920	Wiring and Consulting	Completed	Rs 1,467,294.00	Rs 1,467,294.00	Rs 0.00	Rs 1,467,294.00	Rs 0.00	Rs 0.00	Rs 0.00
A1930	Dis and panel Installation	Completed	Rs 1,202,940.00	Rs 1,202,940.00	Rs 0.00	Rs 1,202,940.00	Rs 0.00	Rs 0.00	Rs 0.00
A1940	Electrical Fixture Installation	In Progress	Rs 1,465,637.00	Rs 1,028,745.90	Rs 0.00	Rs 440,891.10	Rs 440,891.10	Rs 440,891.10	Rs 1,028,745.90
Subtotal			Rs 4,135,871.00	Rs 3,698,979.90	Rs 0.00	Rs 4,135,871.00	Rs 440,891.10	Rs 440,891.10	Rs 3,698,979.90
UMT010.Electrical Works.4									
1st Floor- Textile Dept. Class Rooms									
A1950	Wiring and Consulting	Not Started	Rs 1,442,964.00	Rs 0.00	Rs 0.00	Rs 1,442,964.00	Rs 1,442,964.00	Rs 1,442,964.00	Rs 0.00
A1960	Dis and panel Installation	Not Started	Rs 1,202,964.00	Rs 0.00	Rs 0.00	Rs 1,202,964.00	Rs 1,202,964.00	Rs 1,202,964.00	Rs 0.00
A1970	Electrical Fixture Installation	Not Started	Rs 1,442,961.00	Rs 0.00	Rs 0.00	Rs 1,442,961.00	Rs 1,442,961.00	Rs 1,442,961.00	Rs 0.00
Subtotal			Rs 4,088,889.00	Rs 0.00	Rs 0.00	Rs 4,088,889.00	Rs 4,088,889.00	Rs 4,088,889.00	Rs 0.00
UMT010.Electrical Works.3									
2nd Floor- Textile School Faculty Offices									
A1980	Wiring and Consulting	Not Started	Rs 1,442,961.00	Rs 0.00	Rs 0.00	Rs 1,442,961.00	Rs 1,442,961.00	Rs 1,442,961.00	Rs 0.00
A1990	Dis and panel Installation	Not Started	Rs 1,202,961.00	Rs 0.00	Rs 0.00	Rs 1,202,961.00	Rs 1,202,961.00	Rs 1,202,961.00	Rs 0.00
A2000	Electrical Fixture Installation	Not Started	Rs 951,974.00	Rs 0.00	Rs 0.00	Rs 1,442,961.00	Rs 1,442,961.00	Rs 1,442,961.00	Rs 0.00
Subtotal			Rs 3,607,896.00	Rs 0.00	Rs 0.00	Rs 4,088,889.00	Rs 4,088,889.00	Rs 4,088,889.00	Rs 0.00
UMT010.Electrical Works.2									
3rd Floor- Architecture and Mechanical Labs									
A2010	Wiring and Consulting	Not Started	Rs 0.00	Rs 0.00	Rs 0.00	Rs 1,469,628.00	Rs 1,469,628.00	Rs 1,469,628.00	Rs 0.00
A2020	Dis and panel Installation	Not Started	Rs 0.00	Rs 0.00	Rs 0.00	Rs 1,226,280.00	Rs 1,226,280.00	Rs 1,226,280.00	Rs 0.00
A2030	Electrical Fixture Installation	Not Started	Rs 0.00	Rs 0.00	Rs 0.00	Rs 144.00	Rs 144.00	Rs 144.00	Rs 0.00
Subtotal			Rs 0.00	Rs 0.00	Rs 0.00	Rs 2,696,052.00	Rs 2,696,052.00	Rs 2,696,052.00	Rs 0.00
UMT010.Electrical Works.5									
4th Floor- IT dept. and Computer Labs									

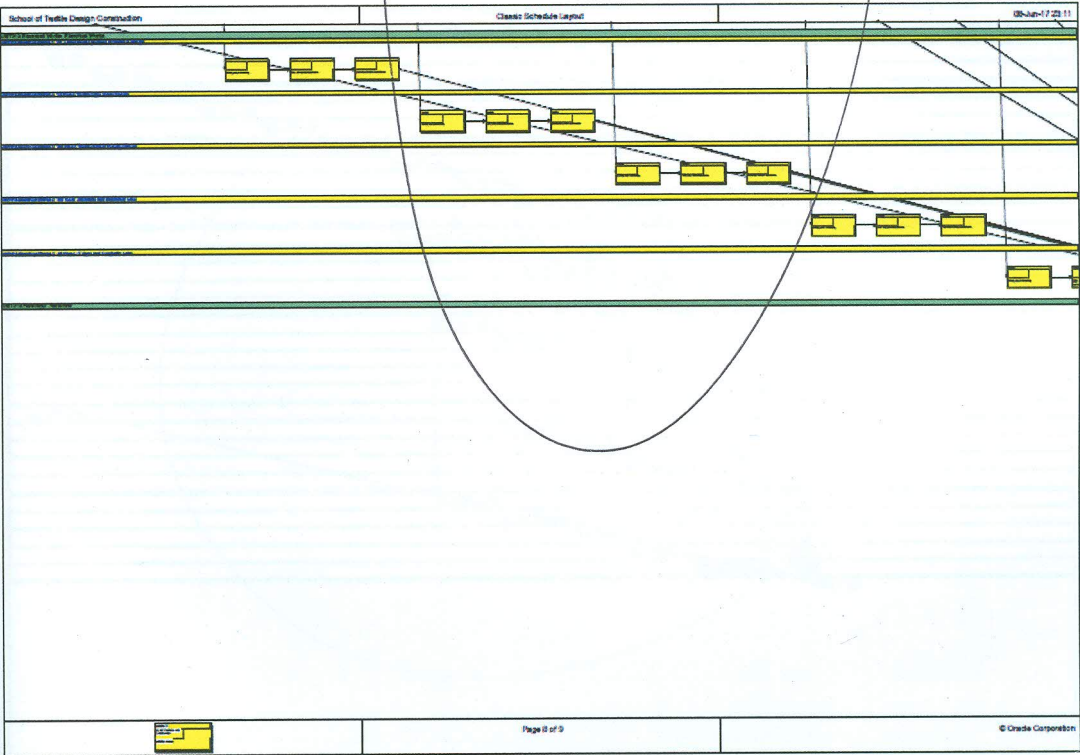
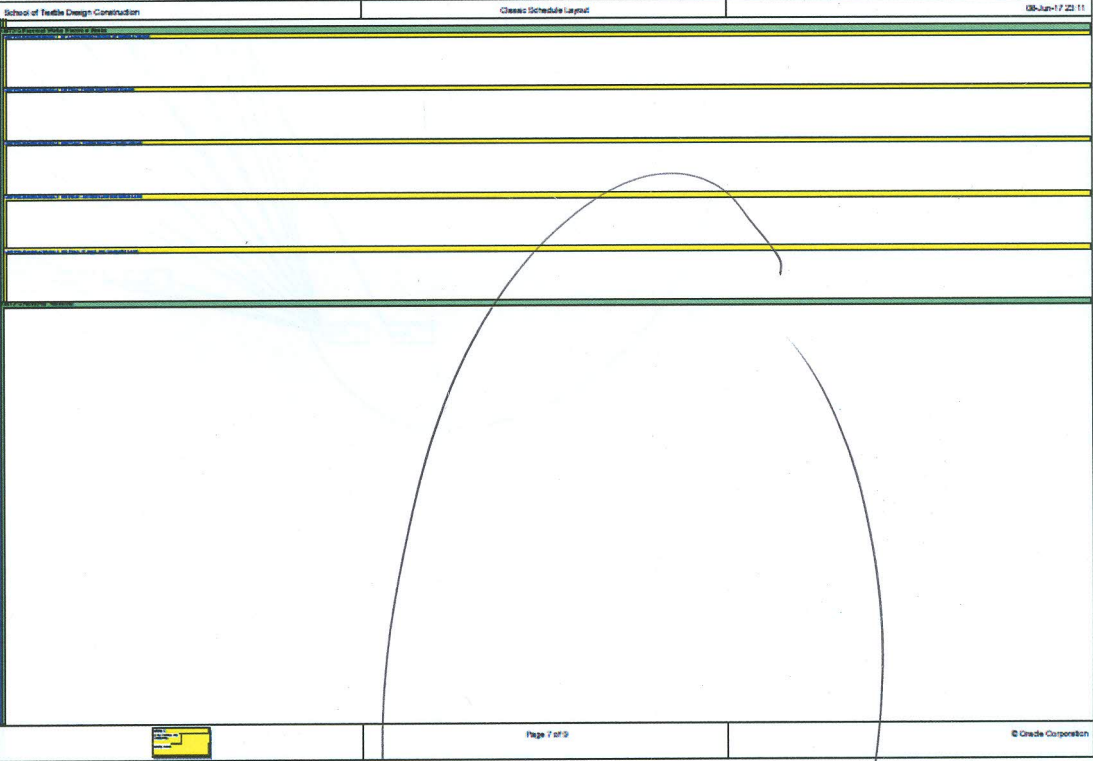
AC-01 Activity Earned Value

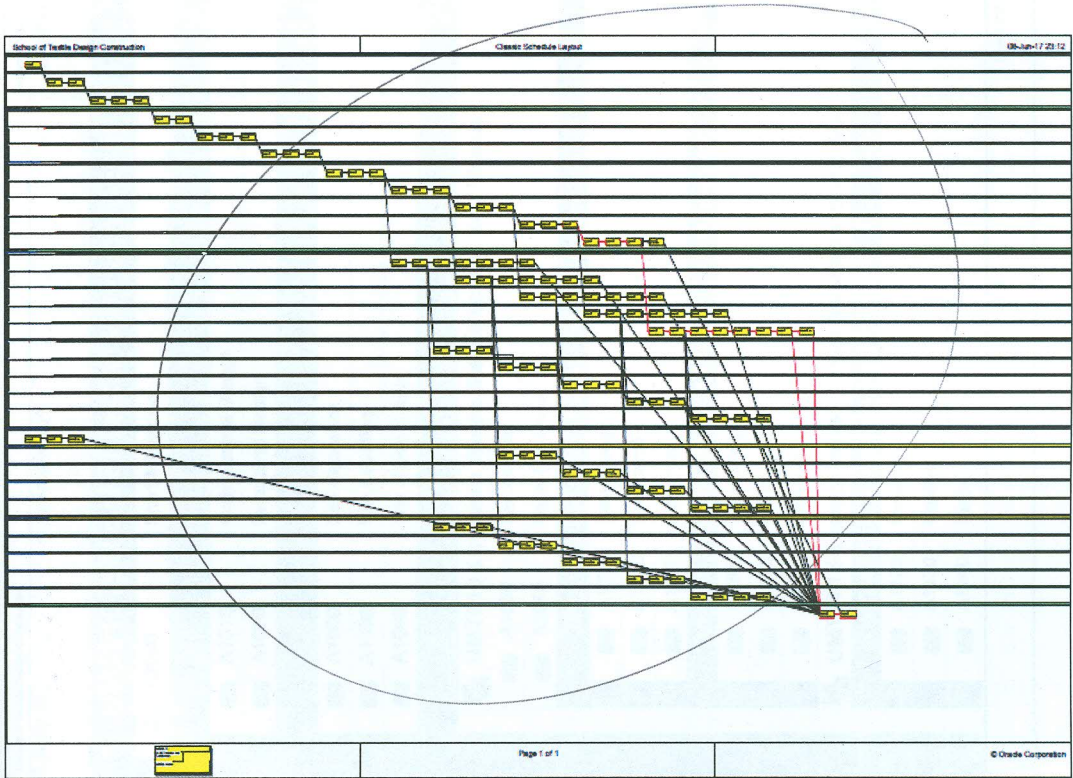
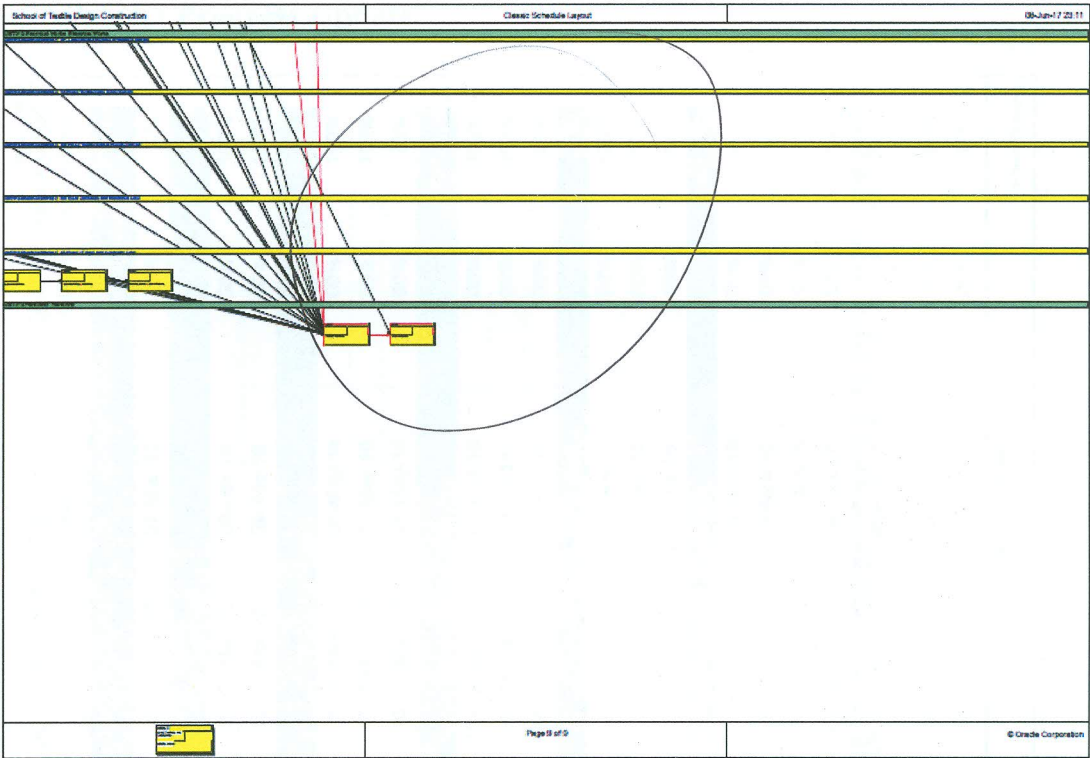
WBS Activity ID	Activity Name	Activity Status	BCWS	BCWP	ACWP	BAC	ETC	EAC	VAC
A2040	Wiring and Conduiting	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,459,534.00	Rs1,459,534.00	Rs1,459,534.00	Rs0.00
A2050	Dis and panel installation	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs1,202,967.00	Rs1,202,967.00	Rs1,202,967.00	Rs0.00
A2060	Electrical Fixture Installation	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs259,295.00	Rs259,295.00	Rs259,295.00	Rs0.00
A2150	Electrical Works Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs2,941,896.00	Rs2,941,896.00	Rs2,941,896.00	Rs0.00
Subtotal			Rs11,836,855.00	Rs3,699,379.90	Rs0.00	Rs17,355,591.00	Rs14,296,611.10	Rs14,296,611.10	Rs3,058,979.90
UM1010,Handover	Handover								
A2070	Building Handover	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
A2100	Finish Milestone	Not Started	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00	Rs0.00
Subtotal			Rs280,748,553.49	Rs268,278,086.10	Rs0.00	Rs400,000,000.20	Rs331,721,914.10	Rs331,721,914.10	Rs68,278,086.10
Subtotal			Rs280,748,553.49	Rs268,278,086.10	Rs0.00	Rs400,000,000.20	Rs331,721,914.10	Rs331,721,914.10	Rs68,278,086.10
Total			Rs280,748,553.49	Rs268,278,086.10	Rs0.00	Rs400,000,000.20	Rs331,721,914.10	Rs331,721,914.10	Rs68,278,086.10

5.4 Project Network Diagram









5.5 Project Progress Update

School of Textile Design-Construction		Activity Name		Classic Schedule Layout		09-Jun-17 09:08	
Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Schedule % Complete	Performance % Complete	
UMT010	School of Textile & Design Const	534	07-Mar-16	08-Apr-18	70.19%	67.07%	
A2090	Start Milestone	0	07-Mar-16	07-Mar-16	100%	0%	
UMT010	Design Design	40	07-Mar-16	29-Apr-16	100%	100%	
A1010	Architectural Design	25	07-Mar-16	08-Apr-16	100%	100%	
A1020	Structural Design	15	11-Apr-16	29-Apr-16	100%	100%	
UMT010	Site Setup Site Setup	18	02-May-16	25-May-16	100%	100%	
A1000	Site clearance	5	02-May-16	06-May-16	100%	100%	
A1030	Site Levelling	3	09-May-16	11-May-16	100%	100%	
A1040	Site Office Setup	10	12-May-16	25-May-16	100%	100%	
UMT010	Structure Works Structure Works	343	26-May-16	04-Oct-17	77.89%	78.45%	
UMT010	Structure Works,Sub structure Sub Structu	137	26-May-16	02-Dec-16	100%	100%	
A1050	Excavation	30	26-May-16	06-Jul-16	100%	100%	
A2080	Lean Concrete	45	07-Jul-16	07-Sep-16	100%	100%	
UMT010	Structure Works,Sub structure.Foundation F	31	08-Sep-16	20-Oct-16	100%	100%	
A1060	Steel fixing	8	08-Sep-16	19-Sep-16	100%	100%	
A1070	Formwork	8	20-Sep-16	29-Sep-16	100%	100%	
A1080	Concrete	15	30-Sep-16	20-Oct-16	100%	100%	
UMT010	Structure Works,Sub structure.Plinth Plinth	31	21-Oct-16	02-Dec-16	100%	100%	
A1090	Steel fixing	8	21-Oct-16	01-Nov-16	100%	100%	
A1100	Formwork	8	02-Nov-16	11-Nov-16	100%	100%	
A1110	Concrete	15	14-Nov-16	02-Dec-16	100%	100%	
UMT010	Structure Works,Super Structure Super Sti	206	05-Dec-16	04-Oct-17	71.04%	72.04%	
UMT010	Structure Works,Super Structure.1 GF- Labo	30	06-Dec-16	13-Jan-17	100%	100%	
A1120	Columns	10	05-Dec-16	16-Dec-16	100%	100%	
A1130	Beams	5	19-Dec-16	23-Dec-16	100%	100%	
A1140	Slabs	15	28-Dec-16	13-Jan-17	100%	100%	

Office of Trade Design Construction		Classic Schedule Layout			05-Jun-17 00:00	
Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Schedule % Complete	Performance % Complete
UMT010.Structure Works.Super Structure.4 1st Floor-						
A1150	Columns	30	16-Jan-17	24-Feb-17	100%	100%
A1160	Beams	10	16-Jan-17	27-Jan-17	100%	100%
A1170	Slabs	5	30-Jan-17	03-Feb-17	100%	100%
UMT010.Structure Works.Super Structure.3 2nd Floor						
A1180	Columns	30	27-Feb-17	07-Apr-17	100%	100%
A1190	Beams	10	27-Feb-17	10-Mar-17	100%	100%
A1200	Slabs	5	13-Mar-17	17-Mar-17	100%	100%
UMT010.Structure Works.Super Structure.2 3rd Floor						
A1230	Slabs	67	10-Apr-17	11-Jul-17	72.54%	86.89%
A1210	Columns	35	24-May-17	11-Jul-17	37.14%	70%
A1220	Beams	17	10-Apr-17	02-May-17	100%	100%
UMT010.Structure Works.Super Structure.5 4th Floor-						
A1240	Columns	60	12-Jul-17	04-Oct-17	0%	0%
A1250	Beams	10	12-Jul-17	25-Jul-17	0%	0%
A1260	Slabs	15	26-Jul-17	15-Aug-17	0%	0%
A2110	Structure Finish Milestone	35	16-Aug-17	03-Oct-17	0%	0%
UMT010.Finishes Finishes						
UMT010.Finishes.Interior Finishes Interior Finishes						
UMT010.Finishes.Interior Finishes.1 GF - Laboratories						
A1330	Wall Papers	0	04-Oct-17	04-Oct-17	0%	0%
A1320	Wood Works	307	16-Jan-17	04-Apr-18	63.99%	62.72%
A1270	Block work	307	16-Jan-17	04-Apr-18	65.53%	66.32%
A1280	Plaster	126	16-Jan-17	10-Jul-17	92.25%	99.17%
A1290	False Ceiling	5	04-Jul-17	10-Jul-17	0%	90%
A1300	Paint	35	08-May-17	26-Jun-17	68.57%	100%
A1310	Floor Tiles	15	16-Jan-17	03-Feb-17	100%	100%
		15	08-Feb-17	24-Feb-17	100%	100%
		12	27-Feb-17	14-Mar-17	100%	100%
		9	29-Mar-17	10-Apr-17	100%	0%
		10	11-Apr-17	24-Apr-17	100%	100%




















School of Textile Design Construction		Classic Schedule Layout			08-Jan-17 08:08	
Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Schedule % Complete	Performance % Complete
UMT010.Finishes.Interior Finishes.4. 1st Floor- Textile		128	27-Feb-17	21-Aug-17	48.73%	48.73%
A1380	Wood Works	35	20-Jun-17	07-Aug-17	0%	0%
A1400	Wall Papers	5	15-Aug-17	21-Aug-17	0%	0%
A1340	Block work	15	27-Feb-17	17-Mar-17	100%	100%
A1350	Plaster	15	20-Mar-17	07-Apr-17	100%	100%
A1360	False Ceiling	12	10-Apr-17	25-Apr-17	100%	100%
A1370	Paint	9	10-May-17	22-May-17	100%	100%
A1380	Floor Tiles	10	23-May-17	05-Jun-17	100%	100%
UMT010.Finishes.Interior Finishes.3. 2nd Floor- Textile		128	10-Apr-17	02-Oct-17	70.38%	70.38%
A1440	Paint	9	21-Jun-17	03-Jul-17	0%	0%
A1450	Floor Tiles	10	04-Jul-17	17-Jul-17	0%	0%
A1460	Wood Works	35	01-Aug-17	18-Sep-17	0%	0%
A1470	Wall Papers	5	28-Sep-17	02-Oct-17	0%	0%
A1410	Block work	15	10-Apr-17	28-Apr-17	100%	100%
A1420	Plaster	15	01-May-17	19-May-17	100%	100%
A1430	False Ceiling	12	22-May-17	06-Jun-17	100%	100%
UMT010.Finishes.Interior Finishes.2. 3rd Floor- Archit		128	12-Jul-17	03-Jan-18	0%	0%
A1480	Block work	15	12-Jul-17	01-Aug-17	0%	0%
A1490	Plaster	15	02-Aug-17	22-Aug-17	0%	0%
A1500	False Ceiling	12	23-Aug-17	07-Sep-17	0%	0%
A1510	Paint	9	22-Sep-17	04-Oct-17	0%	0%
A1520	Floor Tiles	10	05-Oct-17	18-Oct-17	0%	0%
A1530	Wood Works	35	02-Nov-17	20-Dec-17	0%	0%
A1540	Wall Papers	5	28-Dec-17	03-Jan-18	0%	0%
UMT010.Finishes.Interior Finishes.5. 4th Floor- IT dep		131	04-Oct-17	04-Apr-18	0%	0%
A1550	Block work	15	04-Oct-17	24-Oct-17	0%	0%
A1560	Plaster	15	25-Oct-17	14-Nov-17	0%	0%

School of Textile Design Construction		Classic Schedule Layout			03-Jun-17 00:00	
Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Schedule % Complete	Performance % Complete
A1570	False Ceiling	12	15-Nov-17	30-Nov-17	0%	0%
A1580	Paint	9	15-Dec-17	27-Dec-17	0%	0%
A1590	Floor Tiles	10	28-Dec-17	10-Jan-18	0%	0%
A1600	Wood Works	35	25-Jan-18	14-Mar-18	0%	0%
A1610	Wall Papers	5	22-Mar-18	28-Mar-18	0%	0%
A2120	Interior Finishes finish milestone	5	28-Mar-18	04-Apr-18	0%	0%
UMT010.Finishes.Exterior Finishes	Exterior Finishes	206	27-Feb-17	27-Dec-17	46.05%	16.67%
UMT010.Finishes.Exterior Finishes.1 GF- Laboratorie		30	27-Feb-17	07-Apr-17	100%	95.28%
A1620	Facade Cladding	15	27-Feb-17	17-Mar-17	100%	100%
A1630	External Paint	5	20-Mar-17	24-Mar-17	100%	100%
A1640	External Windows	10	27-Mar-17	07-Apr-17	100%	90%
UMT010.Finishes.Exterior Finishes.4 1st Floor- Textil		30	10-Apr-17	18-May-17	100%	0%
A1650	Facade Cladding	15	10-Apr-17	28-Apr-17	100%	0%
A1660	External Paint	5	01-May-17	05-May-17	100%	0%
A1670	External Windows	10	08-May-17	18-May-17	100%	0%
UMT010.Finishes.Exterior Finishes.3 2nd Floor- Textil		30	22-May-17	30-Jun-17	32.38%	0%
A1680	External Paint	5	12-Jun-17	16-Jun-17	0%	0%
A1700	External Windows	10	19-Jun-17	30-Jun-17	0%	0%
A1680	Facade Cladding	15	22-May-17	08-Jun-17	100%	0%
UMT010.Finishes.Exterior Finishes.2 3rd Floor- Archil		30	23-Aug-17	03-Oct-17	0%	0%
A1710	Facade Cladding	15	23-Aug-17	12-Sep-17	0%	0%
A1720	External Paint	5	13-Sep-17	19-Sep-17	0%	0%
A1730	External Windows	10	20-Sep-17	03-Oct-17	0%	0%
UMT010.Finishes.Exterior Finishes.5 4th Floor- IT def		30	15-Nov-17	27-Dec-17	0%	0%
A1740	Facade Cladding	15	15-Nov-17	05-Dec-17	0%	0%
A1750	External Paint	5	08-Dec-17	12-Dec-17	0%	0%
A1760	External Windows	10	13-Dec-17	28-Dec-17	0%	0%

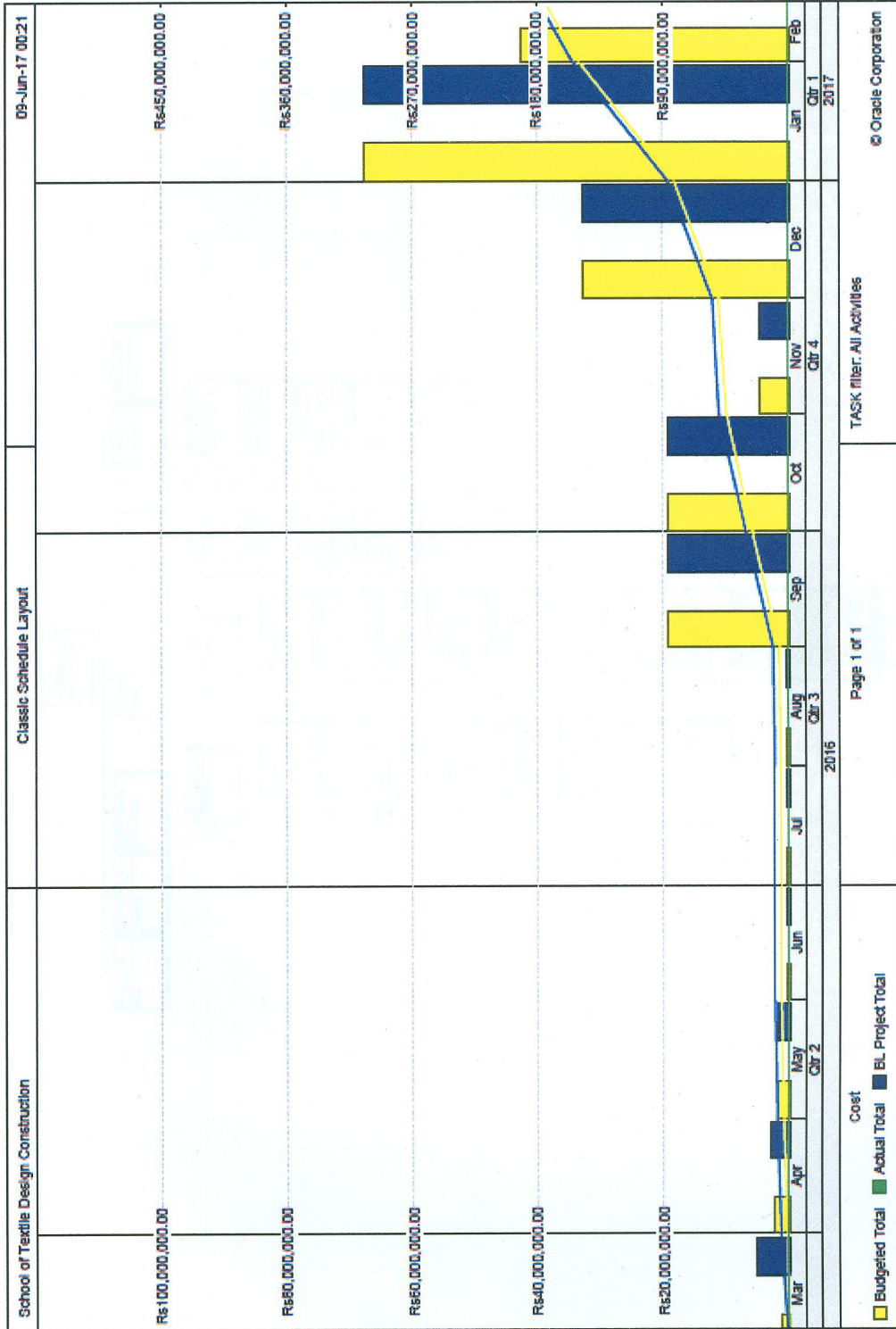
School of Textile Design Construction		Activity Name		Classic Schedule Layout		06-Jun-17 00:00	
Activity ID		Activity Name	Original Duration	BL Project Start	BL Project Finish	Schedule % Complete	Performance % Complete
A2130		Exterior Finishes Finish Milestone	0	27-Dec-17	27-Dec-17	0%	0%
UMT010.Plumbing Works (Schoc							
A1770		Dainage Supply	22	07-Mar-16	05-Apr-16	100%	100%
A1780		Water Supply	8	07-Mar-16	16-Mar-16	100%	100%
A1790		Plumbing Fixtures & Fittings	7	17-Mar-16	25-Mar-16	100%	100%
UMT010.Plumbing Works.4 1st Floor- Textile Dept. C							
A1800		Dainage Supply	15	10-Apr-17	08-May-17	100%	74.45%
A1810		Water Supply	8	10-Apr-17	19-Apr-17	100%	100%
A1820		Plumbing Fixtures & Fittings	7	20-Apr-17	28-Apr-17	100%	100%
UMT010.Plumbing Works.3 2nd Floor- Textile Schoo							
A1850		Plumbing Fixtures & Fittings	7	01-May-17	09-May-17	100%	0%
A1830		Dainage Supply	22	22-May-17	20-Jun-17	88%	0%
A1840		Water Supply	7	12-Jun-17	20-Jun-17	0%	0%
UMT010.Plumbing Works.2 3rd Floor-Architire and							
A1880		Dainage Supply	8	23-Aug-17	01-Sep-17	0%	0%
A1870		Water Supply	7	04-Sep-17	12-Sep-17	0%	0%
A1880		Plumbing Fixtures & Fittings	7	13-Sep-17	21-Sep-17	0%	0%
UMT010.Plumbing Works.5 4th Floor- IT dept. and C							
A1890		Dainage Supply	22	15-Nov-17	15-Dec-17	0%	0%
A1900		Water Supply	8	15-Nov-17	24-Nov-17	0%	0%
A1910		Plumbing Fixtures & Fittings	7	27-Nov-17	05-Dec-17	0%	0%
A2140		Plumbing works Finish Milestone	0	08-Dec-17	14-Dec-17	0%	0%
UMT010.Electrical Works Electrical Works							
UMT010.Electrical Works.1 GF- Laboratories (Schoc							
A1920		Wiring and Conduiting	118	27-Feb-17	09-Dec-17	65.92%	20.6%
UMT010.Electrical Works.1 GF- Laboratories (Schoc							
A1920		Wiring and Conduiting	17	27-Feb-17	21-Mar-17	100%	89.35%
UMT010.Electrical Works.1 GF- Laboratories (Schoc							
A1920		Wiring and Conduiting	6	27-Feb-17	08-Mar-17	100%	100%

School of Trade Design Construction		Classic Schedule Layout			08-Jun-17 09:02	
Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Schedule % Complete	Performance % Complete
A1830	Dbs and panel installation	5	07-Mar-17	13-Mar-17	100%	100%
A1840	Electrical Fixture Installation	6	14-Mar-17	21-Mar-17	100%	70%
UMT010.Electrical Works.4	1st Floor - Textile Dept. C	17	10-Apr-17	02-May-17	100%	0%
A1850	Wiring and Conduiting	6	10-Apr-17	17-Apr-17	100%	0%
A1860	Dbs and panel installation	5	18-Apr-17	24-Apr-17	100%	0%
A1870	Electrical Fixture Installation	6	25-Apr-17	02-May-17	100%	0%
UMT010.Electrical Works.3	2nd Floor - Textile Schoo	17	22-May-17	13-Jun-17	88.24%	0%
A2000	Electrical Fixture Installation	6	08-Jun-17	13-Jun-17	66.67%	0%
A1880	Wiring and Conduiting	6	22-May-17	29-May-17	100%	0%
A1890	Dbs and panel installation	5	30-May-17	05-Jun-17	100%	0%
UMT010.Electrical Works.2	3rd Floor - Architure and	17	23-Aug-17	14-Sep-17	0%	0%
A2010	Wiring and Conduiting	6	23-Aug-17	30-Aug-17	0%	0%
A2020	Dbs and panel installation	5	31-Aug-17	08-Sep-17	0%	0%
A2030	Electrical Fixture Installation	6	07-Sep-17	14-Sep-17	0%	0%
UMT010.Electrical Works.5	4th Floor - IT dept. and C	17	15-Nov-17	08-Dec-17	0%	0%
A2040	Wiring and Conduiting	6	15-Nov-17	22-Nov-17	0%	0%
A2050	Dbs and panel installation	5	23-Nov-17	29-Nov-17	0%	0%
A2060	Electrical Fixture Installation	6	30-Nov-17	07-Dec-17	0%	0%
A2150	Electrical Works Finish Milestone	0	08-Dec-17	08-Dec-17	0%	0%
UMT010.Handover	Handover	2	05-Apr-18	09-Apr-18	0%	0%
A2070	Building Handover	2	05-Apr-18	08-Apr-18	0%	0%
A2100	Finish Milestone	0	09-Apr-18	09-Apr-18	0%	0%

5.7 Resource Sheet

School of Textile Design Construction		Current Project's Resources		08-Jun-17 23:08	
Resource ID	Resource Name	Resource Type	Uni		
 UMT-1	Site Engineer	Labor			
 UMT-2	Site Supervisor	Labor			
 UMT-3	Steel fixer	Labor			
 UMT-4	Carpenter	Labor			
 UMT-5	Mason	Labor			
 UMT-6	Design Cost Arch.	Labor			
 UMT-7	Design Cost Str.	Labor			
 UMT-10	Excavator	Labor			
 UMT-11	Steel	Material			
 UMT-12	Concrete	Material			
 UMT-21	Blocks	Material			
 UMT-22	Plaster Material (Cement & Sand)	Material			
 UMT-13	False Ceiling skilled labor	Labor			
 UMT-14	Painter	Labor			
 UMT-15	Wall Paper Skilled Labor	Labor			
 UMT-17	Plumber	Labor			
 UMT-18	Plumber Helper	Labor			
 UMT-19	Electrician	Labor			
 UMT-20	Electrician Helper	Labor			

5.8 S-Curve



1.1 8.1: Appendix B CBT LOG

SR No.	Week	Problem	Solution	Remarks
1.	1 st	Assigning Baseline for the project	Click Project then assign baseline whether primary, secondary and tertiary	Teacher Solved it and closed it
2.	2 nd	Opening giant chart	Click view from Toolbar then select check giant chart form the show on top	Teacher Solved it and closed it
3.	2 nd	In check the basis for the grouping scheme	By clicking Group and Sort option form the menu bar	Teacher Solved it and closed it
4.	3 rd	Defining resources	Clicking enterprises and open resources option then use add for defining resources with their wages	Teacher Solved it and closed it
5.	3 rd	Assigning Resource to each activity	Click on activity then select resource to open add resource option for assigning resources for the activity	Teacher Solved it and closed it
6.	4 th	In defining activity and resource code	By clicking enterprises to select resource and activity codes to add codes for each domain	Teacher Solved it and closed it
7.	5 th	Selecting industry after installation of P6	Go to admin then admin preferences go to industry option to select as your industry or requirement	From Tutorial
8.	6 th and 7 th	In making S-Curve	Click Activity usage profile then select form the right bottom activity usage profile option	From Friend

9.	8 th	Incorrect overtime calculation	Got to admin menu click on admin preferences under time period change the default hours per time period then check the box use containing calendar , click enterprises then to click on calendar change the time periods to meet required need	Teacher Solved it and closed it
10.	Last Lecture	Use status for filtering projects in the EPS	Open a Project, view only those projects with a specific status choose View, Filter By, Status, then choose the status we want to use. We can also choose View, Filter By, and Customize. In the Filters dialog box, mark the applicable check boxes for the statuses of the projects we want to see.	Reviewed from tutorial and closed it.

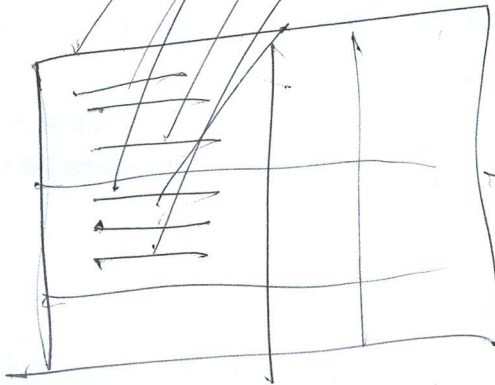
Chapter 6 Recommendations, Conclusion & References

6.1 Recommendations

1. Resources use in a way that cost of project must not be overrun
2. Practice Project administration strategies
3. Full support from upper administration to Project management office
4. Proper Forecasting procedures must be used
5. Ensure Monitoring, Evaluation and controlling of a continuous project
6. Make guarantee about PM expertise in working space
7. Avoid Over allotment of asset on a project
8. Avoid impact of different offices in Project administration office works
9. Training of project team must be done with a support of PM
10. Proper check and adjust on each resource
11. Utilize Primavera P6 in future undertakings likewise to achieve achievement

6.2 Conclusion

- On Large civil projects, It is now clear that by applying the PMIs project management framework so we can clearly improve project quality standard. it not only helps in achieving tough deadlines but also makes sure proper implementation of the project as per the scope.
- It also helps to understand the Evaluation techniques and forecasting of project.



6.3 References

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6.4 Plagiarism Report

CBT Report 2

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