

**PLANNING & MONITORING OF PUNJAB EDUCATION ENDOWMENT FUND
(PEEF) PROJECT USING PRIMAVERA P6**

NAME: MR. HAFIZ MUHAMMAD USMAN ALI

ENROLLMENT: 03-298152-009

NAME: MR. MUHAMMAD USMAN TAHIR

ENROLLMENT: 03-298152-018

SEMESTER: Fall-2016, MSPM - III

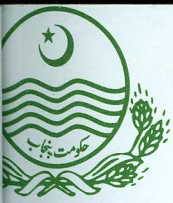
PROGRAM: MS (PROJECT MANAGEMENT)



BAHRIA UNIVERSITY LAHORE CAMPUS

SUBMITTED TO: Mr. Muhammad Faisal Shahzad

SUBMISSION DATE: 25-January-2016



خادم پنجاب محمد شہباز شریف کا ہونہار و مستحق طلباء کی اعلیٰ تعلیم کے لئے
سکالر شپ کا انقلابی پروگرام



Chairman:
Muhammad Shahbaz Sharif
Chief Minister Punjab

PUNJAB EDUCATIONAL ENDOWMENT FUND (PEEF)

A company set up under section 42 of the Companies Ordinance, 1984

CERTIFICATE

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

It is witnessed that **Mr. Hafiz Muhammad Usman Ali**, Enrollment: **03-298152-009** and **Mr. Muhammad Usman Tahir**, Enrollment: **03-298152-018** Class: **MSPM-III** Semester: **Fall 2016** have contacted/ visited/ frequently utilized our premises/participated in our real-time project for implementing project management skills using Primavera P6 as a leading software tool.

They have contributed fully in the following project and within the highlighted fields (planning, scheduling, earned value analysis, performance monitoring).

Planning and Monitoring of Punjab Educational Endowment Fund (PEEF) Project Using Primavera P6

Additionally, It is noteworthy to mention that **Mr. Hafiz Muhammad Usman Ali & Mr. Muhammad Usman Tahir** demonstrated good ethical practices, enthusiastic approach to work, task convergence capabilities, professionalism while their stay/ connection with this organization.

Certified By Company Official:




Mr. Ansar Nawaz Chattha
Manager Admin & HR
The Punjab Educational Endowment Fund
Link Wahdat Road Lahore

Verified By Trainer:




Mr. Naveed Akbar Cheema
Sr. Manager Scholarships
The Punjab Educational Endowment Fund
Link Wahdat Road, Lahore

ABSTRACT

The Punjab Educational Endowment Fund (PEEF) is an initiative of the Government of Punjab under the leadership of chief Minister, Mr. Muhammad Shahbaz Sharif. In order to make it more efficient, transparent and autonomous in its functioning; PEEF is registered under section 42 of the companies' ordinance, 1984. PEEF is a proactive scholarship scheme which provides funds at the doorstep of the talented and deserving students. Allocation of these scholarships is on the basis of Tehsils and District wise result of students. Project undertaken are usually looked after by respective departments. Enterprise Project Structure and Organizational Breakdown Structure of PEEF have been discussed in this report. Primavera which is leading project management software in the industry is used to manage projects also in PEEF. Real time implementation of the project "Award of 50k Scholarships for 2016-17" also been discussed in this report. Primavera P6 does the practical conversion of all activities from planning, executing, monitoring, controlling and closing into detailed breakdown of project management knowledge areas to get the desired output.

TABLE OF CONTENTS

1.1 Introduction: 11

1.2 Vision 11

1.3 Mission..... 11

1.4 Objective 11

1.5 Governance Structure 12

1.6 General Body..... 12

1.7 Board Of Directors..... 13

 1.7.1 Executive Committee 14

 1.7.2 Functional Committees 14

1.8 Operations: 14

 1.8.1 Scholarship: 15

 1.8.2 Scholarship Categories:..... 16

 1.8.3 The Proactive Approach: 16

 1.8.4 Determination of merit: 16

 1.8.5 Policy Guidelines:..... 16

 1.8.6 Scholarship stipend rates: 17

 1.8.7 Cashless Scholarship disbursements through E-Cards:..... 18

2 Project Implementation19

2.1 Project Title 19

2.2 Project Charter 19

 2.2.1 BASIC INFORMATION 19

 2.2.2 EXECUTIVE SUMMARY 22

 2.2.3 PROJECT PURPOSE 22

 2.2.4 ASSUMPTIONS 22

 2.2.5 PROJECT AUTHORITY 23

 2.2.6 Project High Level Risks..... 23

 2.2.7 Summary Milestone Schedule 24

 2.2.8 PROJECT ORGANIZATION DESCRIPTION 24

 2.2.9 RESOURCES..... 24

 2.2.10 SIGNATURES 25

2.3 Project Scope Statement 25

2.3.1	VERSION HISTORY	25
2.3.2	Executive Summary.....	26
2.3.3	Business Objectives.....	26
2.3.4	Project Description	27
2.3.5	Project Approach	30
2.3.6	Project Estimates	30
2.3.7	Project Controls	32
2.3.8	Authorizations	32
2.3.9	Scope Statement Approval Form/Signatures.....	33
3	Primavera P6.....	34
3.1	Features of Primavera	34
3.2	Benefits of Primavera	34
3.2.1	Primavera P6 Help to Reduces Risk	34
3.2.2	Primavera P6 schedule and control project activities.	34
3.2.3	Optimized development of project resources.....	34
3.2.4	Forecasting the WBS Activities.....	35
3.2.5	Tracking Features.....	35
3.2.6	Clearly Communicate	35
3.2.7	Improved Collaboration	35
3.2.8	Prepare the Accurate Costing.....	35
3.3	OBS and EPS in Primavera P6.....	35
3.3.1	How to create/modify OBS	36
3.3.2	How to create/modify EPS	36
3.4	Organizational Breakdown Structure (OBS) in PEEF.....	38
3.5	Enterprise Project Structure (EPS) in PEEF	39
3.6	Work Breakdown Structure (WBS).....	40
3.7	Activity Types	42
3.7.1	Start Milestone & Finish Milestone	42
3.7.2	Task Dependent.....	42
3.7.3	Resource Dependent	42
3.7.4	Level of Effort	42
3.7.5	WBS Summary	43
3.8	Duration Types	43
3.8.1	Fixed Duration and Units.....	43

3.8.2	Fixed Duration and Units/Time	43
3.8.3	Fixed Units.....	43
3.8.4	Fixed Units/Time.....	44
3.9	Percent Complete Types.....	44
3.9.1	Duration Percent Complete	44
3.9.2	Physical Percent Complete.....	44
3.9.3	Units Percent Complete	44
3.10	Baseline.....	44
3.10.1	Creating A Baseline	45
3.10.2	Assigning A Baseline for Comparison.....	46
3.11	Earned Value Management (EVM).....	46
3.11.1	Calculating Performance Percent Complete	47
3.12	Scheduling Option in Primavera.....	48
3.13	S-curve in Primavera P6.....	49
3.13.1	Types of S-curves	49
4	Conclusion	51
4.1	Project status	51
5	References.....	52
6	Appendix A: Primavera P6 Reports	53
7	Appendix B: CBT Log.....	71
	How do I save files in Primavera P6?	71
	How to generate S curve from Primavera.....	73
7.1	PEEF Resources, Material & it equipment	74
7.2	Activity id & activity name:	77
7.3	Activity status.....	80
7.4	Resources ID.....	83

LIST OF FIGURES

Figure 1: OBS	36
Figure 2: EPS	37
Figure 3: PEEF Lahore OBS.....	38
Figure 4: PEEF Lahore EPS	39
Figure 5: WBS	41
Figure 6: Maintain Baseline in P6	45
Figure 7: Assign Baseline in P6.....	46
Figure 8: EVM Cost S-curve	51

LIST OF TABLES

Table 1: Point of Contact	20
Table 2: Version History.....	21
Table 3: Milestones	24
Table 4: Resources	24
Table 5: Charter Signatures	25
Table 6: Scope Version History	25
Table 7: Roles	29
Table 8: Project Stakeholders	29
Table 9: List of Projects Milestones	30
Table 10: Personnel Resource Types and Quantities.....	31
Table 11: Estimated Cost	31
Table 12: Scope Statement Approval Form.....	33

ACRONYMS

P6	Primavera version P6
PEEF	Punjab Educational Endowment Fund
LHR	Lahore
PKR	Pakistani Rupees
HEC	Higher Education Commission
EVM	Earned Value Management
EAC	Estimate At Completion
ETC	Estimate To Complete
CV	Cost Variance
SV	Schedule Variance
SPI	Schedule Performance Index
CPI	Cost Performance Index
BAC	Budget At Completion
PERT	Program Evaluation Review Technique
PM	Project Manager
C&L	Communication & Logistics
BISE	Board of Intermediate and Secondary Education
PEC	Punjab Examination Commission
DFID	Department of International Development
SQS	Special Quota Scholarship
Eligible students	Student who fulfills the merit as well as income criteria
IRC	Internal Review Committee
GRB	Grievance Review Board
SMS	Scholarship Management Section
HOI	Head of Institution
ICT	Islamabad Capital Territory
AJK	Azad Jammu Kashmir
FATA	Federally Administered Tribal Areas
G.B	Gilgit Baltistan
HED	Higher Education Department
FBISE	Federal Board of Intermediate and Secondary Education
PBTE	Punjab Board of Technical Education
DD	Developed Districts

1.1 INTRODUCTION:

The Punjab Educational Endowment Fund (PEEF) is an initiative of the Government of Punjab under the leadership of Chief Minister, Mr. Muhammad Shahbaz Sharif with the objective of providing scholarships/monetary assistance to talented and needy students for pursuing quality education with equal opportunities. PEEF endeavors to bring best educational opportunities to the less privileged and talented youth of Punjab, and bring them at par with the most fortunate ones.

In order to make it more efficient, transparent and autonomous in its functioning; PEEF is registered with the Securities and Exchange Commission of Pakistan (SECP) under Section 42 of the Companies Ordinance, 1984.

This program under guidance of the Chief Minister Punjab/Chairman PEEF, Mr. Muhammad Shahbaz Sharif is providing opportunities to the talented but needy students to fulfill their dreams and aspirations and at the same time to become partner in the development and welfare of Pakistan. [1]

1.2 VISION

Creation of a pool of talented Pakistani youth from less privileged background; contributing towards economic and social development to realize the dream of a moderate, progressive and prosperous Pakistan. [1]

1.3 MISSION

Building a critical mass of human capital, participating in nation building; through provision of equitable opportunities to less privileged but academically brilliant boys and girls in Punjab. [1]

1.4 OBJECTIVE

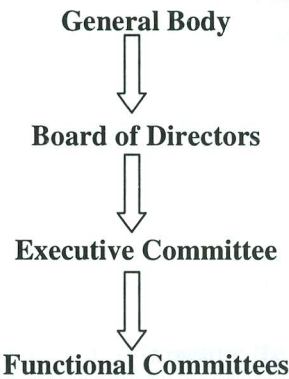
PEEF has been established with the following objectives:

- Scholarship for talented and less privileged students to bring them at par with the more fortunate ones.
- Creation of a critical mass of talented youth for the development of society.
- Identification and support to extremely marginalized students through special quotas.

- Supporting the less privileged but outstanding students of other provinces, including AJK, ICT, FATA and Gilgit-Baltistan.

1.5 GOVERNANCE STRUCTURE

The PEEF is functioning under the guidance of a Board of Directors comprising of eleven (11) Directors. Chief Minister Punjab is the Chairman of the Board. Furthermore, in conformity with Articles of Association of PEEF, the Governance model of PEEF is illustrated below:



1.6 GENERAL BODY

A General Body, comprising of 21 members nominated by the Government of Punjab, is the supreme authority to act as a guiding force behind the Board of Directors. This body includes educationists, elected representatives, retired civil servants, business individuals and representatives from Government and civil society.

List of members of the General Body of PEEF

<u>Sr.</u>	<u>Name</u>	<u>Profession / Designation</u>	
1	Mr. Muhammad Shahbaz Sharif	Chief Minister, Punjab	(Chairman)
2	Dr. Muhammad Amjad Saqib	Vice Chairman	
3	Mr. Ahsan Iqbal	Member National Assembly	
4	Mr. Muhammad Baligh-ur-Rehman	Member National Assembly	
5	Ms. Anusha Rehman Khan	Member National Assembly	
6	Ms. Bushra Anjum Butt	Member Provincial Assembly, Punjab	
7	Qazi Adnan Farid	Member Provincial Assembly, Punjab	
8	Engr. Qamarul Islam Raja	Chairman, Punjab Education Foundation	
9	Justice (R) Aamer Raza Khan	Former Judge of the Lahore High Court	
10	Prof. Dr. Fazal Ahmad Khalid	Vice Chancellor, UET, Lahore	

11	Mr. Mehr Jiwan Khan	Former Federal Secretary
12	Dr. Ali Cheema	University Professor
13	Dr. Shahid Siddiqui	Vice Chancellor, AIOU
14	Dr. Muhammad Ajmal Khan	Chief Operating Officer, Punjab Healthcare Commission
15	Ms. Seema Aziz	Business Lady/Philanthropist & Education Manager
16	Ms. Nusrat Jamil	Social Activist
17	Ex-Officio	Additional Chief Secretary, Govt. of Punjab
18	Ex-Officio	Chairman PITB
19	Ex-Officio	Secretary Finance, Govt. of Punjab
20	Ex-Officio	Secretary Higher Education, Govt. of Punjab
21	Ex-Officio	Secretary Schools Education, Govt. of Punjab

1.7 BOARD OF DIRECTORS

The qualifications of the members of the Board of Directors (BOD), their roles, responsibilities, functions, term and the frequency of meetings of the Board, procedures to circulate minutes of meetings, communication and requirements to attend Board meetings are in accordance with Memorandum and Articles of Association of The Punjab Educational Endowment Fund.

At present, Board consists of the following 11 members headed by the Chairman, Mr. Muhammad Shahbaz Sharif, Chief Minister Punjab. The list of BoD

1	Mr. Muhammad Shahbaz Sharif, Chief Minister, Punjab	(Chairman of Board)
2	Dr. Muhammad Amjad Saqib	(Vice Chairman)
3	Mr. Muhammad Baligh-ur-Rehman, MNA	(Director)
4	Ms. Anusha Rehman Khan, MNA	(Director)
5	Ms. Bushra Anjum Butt MPA	(Director)
6	Justice (R) Aamer Raza Khan	(Director)
7	Dr. Umar Saif, Chairman PITB	(Director)
8	Ms. Nusrat Jamil, Social Activist	(Director)
9	Dr. Muhammad Ajmal Khan, COO, Punjab Healthcare Commission	(Director)
10	Secretary Finance, Govt. of Punjab (Ex-Officio)	(Director)
11	Secretary Higher Education, Govt. of Punjab (Ex-Officio)	(Director)

1.7.1 Executive Committee

The Executive Committee works on behalf of the BOD. The main objective of this committee is to provide guidance and support to the company on strategic and urgent issues as they arise from time to time between Board meetings.

1.7.2 Functional Committees

The Board of Directors (BOD) has constituted various functional committees in accordance with the Articles of Association to guide and advise the organization on various issues and policy matters. The rationale behind forming these committees is to guide, assist, add value and strengthen the organization in its working and accomplishing PEEF's Vision and Mission statements. These committees provide pedestal for good governance, transparency and check & balance which are necessary for an effective system of internal control and risk management. They also capitalize on the specific expertise and experience of the individual members which contributes to the refinement of the operational policies and expedites the decision making process on different issues.

Following is a list of Functional Committees of BoD of PEEF.

- i. Procurement Committee
- ii. Recruitment & HR Committee
- iii. Budget & Finance Committee
- iv. Risk and Fund Management Committee
- v. Scholarship Management Committee
- vi. Rules, Procedures and Monitoring Committee
- vii. Audit Committee

1.8 OPERATIONS:

The organization has following major departments. The departments have been classified as "Core Department" and "Support Department". Since the organization mandate is to provide scholarships to talented and needy students, the Scholarship Department is the "Core Department" while all other departments provide real time support to achieve the organizational objectives.

Sr. No	Department	Nature / Role
1.	Scholarships	Core Department
2.	Admin & Human Resource	Support Department
3.	Finance	Support Department
4.	M.I.S	Support Department
5.	Monitoring & Evaluation	Support Department
6.	Internal Audit	Support Department

1.8.1 Scholarship:

Since its establishment, PEEF has awarded more than 150,000 scholarships worth Rs. 7.50 billion to students of Punjab and other provinces. With the inclusion of current year's (2016-17) scholarships; the total number of awards will reach 200,000 (approx.) worth more than Rs. 11.50 billion.

Year		No. of Scholarships Awarded	Active Scholarships	Scholarship Disbursements (Rs. in Millions)
2008 – 09		5,326	-	22
2009 – 10		5,484	-	250
2010 – 11		6,982	-	362
2011 – 12		13,345	200	707
2012 – 13		9,952	568	750
2013-14	PEEF	10,529	1,587	775
	DFID	9,069	227	187
2014-15	PEEF	11,070	3,324	940
	DFID	8,594	159	356
2015-16	PEEF	11,642	11,642	900
	DFID	8,671	8,671	361
2015-16 (Additional Scholarships)	PEEF	50,000	50,000	1,500
2016-17 (in process)	PEEF	44,025	44,025	3,500
	DFID	7,000	7,000	351
	SSMS	1033	1033	400
Total		202,722	128,436	11,361

1.8.2 Scholarship Categories:

The Punjab Educational Endowment Fund (PEEF) scholarships have been classified into two major categories:

- Outreach Scholarships (80% of the total number of scholarships)
- Special Quota Scholarships (20% of the total number of scholarships)

Special Quota Scholarships are awarded to meritorious and deserving students who fall in at least one of the following categories:

- i. Orphan children
- ii. Children of government servants in BPS 1 – 4
- iii. Children belonging to minority religion
- iv. Special children

1.8.3 The Proactive Approach:

The PEEF has adopted a “**Pro active Approach**” for award of Outreach Scholarships to the talented and deserving students. No advertisements are released to seek applications for outreach scholarships; rather PEEF itself obtains data of meritorious students from Punjab Examination Commission (PEC), all Board of Intermediate and Secondary Educations (BISEs) of Punjab and Federal Board of Intermediate and Secondary Education (FBISE) and contact the eligible and meritorious students who have attained top positions in their respective tehsils. [1]

1.8.4 Determination of merit:

PEEF allocates scholarships to districts which are further divided equally amongst all tehsils of the districts for award of scholarships at Secondary, Intermediate and Graduation levels. Separate tehsil wise, level wise (Secondary, Intermediate and Graduation), stream wise (Science, Arts) and gender wise (Male, Female) merits are work out for award of scholarship.

1.8.5 Policy Guidelines:

Following POLICY GUIDELINES have been adopted while short listing and finalizing the scholarship awards lists:

For all levels and categories the priority is to maintain gender ratio (50% for each gender) in the following order of priority:

- Tehsil
- District
- Division

- Province

The Punjab Educational Endowment Fund (PEEF) has allocated special scholarship quotas for meritorious and deserving students of other provinces, Azad Kashmir, FATA, Gilgit-Baltistan and Islamabad Capital Territory (ICT). These scholarships are awarded to pass out students of public sector institutions to pursue Secondary to Master's level education in their respective province or any other educational institution of Pakistan.

To date, PEEF has awarded 5,437 scholarships worth Rs. 231 million to talented and needy students of other provinces.

Sr. No.	Province	Annual Allocation	Total Scholarships Awarded	Total Disbursements (Rs. M)
1	Baluchistan	480	3,441	139
2	Khyber Pakhtunkhwa	80	584	28
3	Sindh	80	584	29
4	AJK	50	218	14
5	Gilgit Baltistan	50	218	7
6	FATA	65	236	9
7	ICT	30	156	5
Total		835	5,437	231

1.8.6 Scholarship stipend rates:

The following scholarship stipend rates are admissible.

For students studying in		Monthly Stipend for Day Scholar (Rs.)	Monthly Stipend for Boarders* (Rs.)
Secondary level		800	1,500
Intermediate level		1,500	3,000
Graduation (BA, B.Sc)		2,500	4,000
Professional Degree / Courses (BS, B.Sc. Hons., MBBS, Engineering, B.Com, IT, etc.)		3,000	4,500
Master's	Monthly Stipend	3,000	5,000

Level		a) Admission Fee & Registration Fee b) Tuition Fee – Examination Fee – Lab fee – Thesis fee (where applicable)
	Tuition Fee	

1.8.7 Cashless Scholarship disbursements through E-Cards:

The Punjab Educational Endowment Fund (PEEF) disburses scholarship stipend to the talented and deserving students through their current institution. PEEF has introduced a new system of disbursement of scholarship stipend through E-payment by using Scholarship Cards & Pin Codes generated by Bank of Punjab. All scholarship stipend to the students of Secondary, Intermediate, Graduation and Masters Level are being disbursed through cashless E-payment mechanism. [1]

Disbursement Policy guidelines are as under:

- The duration of the scholarships will be according to the Degree / course in which students are currently enrolled at the time of award of scholarship.
- The period of scholarship stipend will be determined on the basis of the month start of degree course till the conduct of final examination.
- The scholarship stipend will be paid for the complete duration of the provided the scholar maintains the academic performance as set and recommended by the educational institution and abides by the rules and regulation of the educational institution and PEEF as per its scholarship policy.
- The next installment of scholarship stipend is released when the institution affirms that scholar has been paid the stipend and “Scholarship Acknowledgment Sheet” is received in PEEF office.
- A student can avail only one scholarship in an academic year. If the selected student opts to avail PEEF scholarship then he/she will have to surrender the other scholarship, if any.

2 PROJECT IMPLEMENTATION

The Project selected titled “Planning & Monitoring Of Punjab Education Endowment Fund (PEEF) Project Using Primavera P6”

2.1 PROJECT TITLE

“Planning & Monitoring Of Punjab Education Endowment Fund (PEEF) Project Using Primavera P6”

2.2 PROJECT CHARTER

2.2.1 BASIC INFORMATION

2.2.1.1 TITLE OF THE PROJECT

“PLANNING & MONITORING OF PUNJAB EDUCATION ENDOWMENT FUND
(PEEF) PROJECT USING PRIMAVERA P6”

2.2.1.2 PROJECT ID

PEEF/LHR/2016-17

2.2.1.3 PROJECT START DATE

August 22, 2016

2.2.1.4 PROJECT END DATE

May 04, 2017

2.2.1.5 PREPARED BY

Hafiz Muhammad Usman Ali
Muhammad Usman Tahir

2.2.1.6 POINT OF CONTACT

Table 1: Point of Contact

Position	Name & Designation	Contact
Project Sponser	Mr. Shahbaz Sharif Chairman PEEF	chairman@peef.org.pk
Project Director	Dr. Amjad Saqib Vice Chairman	vc@peef.org.pk
Project Manager	Mr. Naveed Akbar cheema Sr. Manager Scholarship	chema@peef.org.pk
Assistant Project Manager	Hafiz Muhammad Usman Ali & Muhammad Usman Tahir	usmanali@peef.org.pk

2.2.1.7 VERSION HISTORY

Table 2: Version History

Version #	Completed By	Revision Date	Approved By	Approval Date	Reason
V 1.0 (Rev 0)	Hafiz Muhammad Usman Ali & Muhammad Usman Tahir	25-Dec-2016	Project Manager	29-Dec-2016	Initial Project Charter

2.2.2 EXECUTIVE SUMMARY

The Scholarship management department at Punjab Education Endowment Fund (PEEF), Lahore is a core department of PEEF. The department has been classified as “Core Department” and “Support Department”. Since the organization mandate is to provide scholarships to talented and needy students, the scholarship department is the “Core Department” while all other departments provide real time support to achieve the organizational objectives.

2.2.3 PROJECT PURPOSE

2.2.3.1 PROJECT BUSINESS OBJECTIVE

The Punjab Educational Endowment Funds is chartered to reach out to talented yet deserving / needy students from Secondary, Intermediate, Graduation and Masters Level to ensure that financial challenges do not keep meritorious students from continuing their education. The scholarship holders are classified into the following categories.

- Outreach Scholars
- Quota Scholars

2.2.4 ASSUMPTIONS

1. All students' data have been updated in database server.
2. E card issued to all students for payment withdrawal.
3. All institutes are already registered with PEEF.
4. Decrease the work load
5. Timely dispatch of scholarships
6. Reduce the number of queries.

2.2.5 PROJECT AUTHORITY

2.2.5.1 AUTHORIZATION

The project was approved by the Chief Minister of the Punjab Mr. Shahbaz Sharif Chairman PEEF. The budget allocation was deliberated and a sum of PKR 4 Billion was approved for this project, which includes the scholarship stipend to students, administrative and operational expenses. This amount has been deposited in Bank of Punjab and proceed received from this amount utilize from Award of Scholarship and all expenditures will be done on this project.

2.2.5.2 PROJECT DIRECTOR

The Project Director (PD) will be overall responsible for the project. He can exercise his authority through the procedure given above and will provide the team with guidelines on the project. The success and failure of the project will also be evaluated by the PD. The PD will report to the Project Sponsor.

2.2.5.3 PROJECT MANAGER

The Project Manager for this project will be assistant manager works. He will be responsible to initiate, plan, execute, monitor, control and close the project. He will have all resources at his disposal through proper approval procedures. He has to follow the project management plan made during the project.

2.2.6 Project High Level Risks

1. Lack of mentoring of staff may create career growth threats.
2. Lack of segregation of duties amplifies the risk of ambiguity and conflict amount of staff.
3. Delay in custom clearance for the equipment which is to being procured from outside Pakistan.
4. Incorrect information may be provided by staff while identify waste areas because of fear of job insecurity. This can be because of fear they will be fired if results will be so.

2.2.7 Summary Milestone Schedule

Table 3: Milestones

Milestone #	Milestone list
001	Selection of Students (PCI Section)
002	Verification of Students (M&E Dept)
003	Re verification of Students (V & D Dept)
004	Preparation of Scholarship Cards (Finance)
005	Preparation of Pin Codes (Admin)
006	Disbursement of Scholarships

2.2.8 PROJECT ORGANIZATION DESCRIPTION

The Department of Scholarships Management Section project involves a proposal for re-structuring of the department to ensure that the departmental objectives are accomplished.

2.2.9 RESOURCES

Table 4: Resources

Resources	Allocation and Source
Fund Allocation	The Chairman, PEEF has allocated a fund of PKR 4 Billion for the project.
Team Members	Mr. Naveed Akbar Cheema have hired for this project as Project Manager. He will be assisted by an Assistant Project Manager, Hafiz Muhammad Usman Ali and Muhammad Usman Tahir.
IT Department	The IT Department will provide 1-3 members of staff for the project depending upon the need.
Works Department	The Works Department will provide 20-30 members of staff to the project depending upon the need.
Infrastructure and Facilities	The Project Manager will be provided us the all courier services access accounts , data server , Finance department , admin department with furniture and other allied facilities like computers, photocopiers, printers, and telephone sets.
Software Tools	The software packages Primavera P6, already procured by PEEF, will be at full disposal of the project team through the PEEF Networks and Information Technology department

2.2.10 SIGNATURES

Table 5: Charter Signatures

Position/Title	Name and Designation	Date	Signature
Project Sponsor	Mr. Shahbaz Sharif Chairman PEEF	2 August 2016	
Program Director	Dr. Amjad Saqib Vice Chairman	2 August 2016	
Project Manager	Mr. Naveed Akbar cheema Sr. Manager Scholarship	2 August 2016	

2.3 PROJECT SCOPE STATEMENT

2.3.1 VERSION HISTORY

Table 6: Scope Version History

Version #	Completed By	Revision Date	Approved By	Approval Date	Reason
V 1.0 (Rev 0)	Hafiz Muhammad Usman Ali & Muhammad Usman Tahir	8 Nov-2016	Director	22-Nov-2016	Initial Project Scope Statement

2.3.2 Executive Summary

The Punjab Educational Endowment Fund (PEEF) was initially established with seed money of Rs.4 billion, which has now been raised to Rs. 16 billion. The Govt. of Punjab has allocated another Rs. 4 billion for the FY 2016-17. Only the investment proceeds out of this fund are utilized for the award of scholarships.

Since the commencement of its operations in 2009: the PEEF so far has awarded more than 150,000 scholarships worth more than Rupees 7.5 Billion with the Inclusion of current years (2016 - 17) scholarships: the total number of awards will reach 200,000 (approx) worth more than rupees 11.4 billion.

2.3.3 Business Objectives

2.3.3.1 Business Need/Opportunity/Objectives

The major objective of PEEF is to provide scholarships to deserving and meritorious students. This year PEEF has decided to expand the number of scholarships and to give 50,000 extra scholarships. By increasing number of scholarships more students will get benefit from it. But it is a sudden drastic change in number of scholarships. The amount of data is increased and the risk of loss of data is also increased. By increasing the number of scholarships number of queries and wrong entry data is also increased. This will affect the productivity of employees and delay in process.

2.3.3.2 Product Description (Solution)

The solution for the above stated problem is that there should be a data handling software in order to achieve the departmental objectives. This all will be possible only if there is a separate database.

The major objectives of the project are as follows:-

- 1- To increase the level of productivity.
- 2- To facilitate PEEF scholars.
- 3- Reduce the chance of data lose.
- 4- Handle the data more efficiently
- 5- Decrease the work load
- 6- Timely dispatch of scholarships
- 7- Reduce the number of queries.

2.3.3.3 Deliverables

The deliverables of the project are as follows: -

- 1) Data received form BISE
- 2) Award scholarship
- 3) Scholarship card received from Admin Department
- 4) Pin Code received from Bank

2.3.4 Project Description

2.3.4.1 Scope

2.3.4.1.1 Includes

The project includes the following: -

- Sport from Government of the Punjab
- Bank of the Punjab
- Board of Intermediate and Secondary Education
- Installation of Operating System in all servers.
- Installation of Software in all servers.
- Trainings on software packages and general issues in a Networking.

2.3.4.1.2 Does Not Include

Based on the project objectives, it has been divided into the following completion criteria: -

1. Making merit of students
2. Proper data entry and maintenance of files
3. Timely dispatch of scholarships
4. Proper filing of acknowledgment sheets
5. Provide proper data at the time of audit

2.3.4.2 Risk Assessment

Following are the major foreseeable risks that the project may face in the future: -

1. Delay in data receive from education boards
2. Miss handling of costly network equipment.
3. Within time completion of the project as approval time is also included in the scheduled duration.
4. The faculty members might have inadequate knowledge of computers.

2.3.4.3 Constraints

The project has been approved by the CM Punjab. He has approved PKR 4 Billion for the project. The time duration for the project will be 10 months and the permanent resource to be hired will be as per the Project Charter Document.

2.3.4.4 Impacts

This project will positively impact the productivity of research in the area of data handling and disbursement. The project will also align the direction and focus of the department towards the objectives set which are derived from the PEEF vision and mission statements.

2.3.4.5 Measures of Project Success

The project success will be monitored and evaluated by the Program Director (PD). All deliverables will be acceptable only on approval by the PD. His satisfaction will be based upon the effectiveness of the deliverables in terms of the objectives set by the department.

2.3.4.6 Critical Success Factors

The project will be deemed successful or failure based on the following critical success factors:-

1. Availability of the support of the top management to the project team
2. The infrastructural facilities promised will reach the team on as and when basis
3. All the Networking Hardware installed should be in working condition
4. Primavera P6 should be in installed and running.
5. Timely data obtain from education boards
6. Timely receiving of pin codes and e-cards

2.3.4.7 Roles and Project Stakeholders

2.3.4.7.1 Roles

The following role definitions are being applied to the resources assigned to this project:-

Table 7: Roles

Designation	Description
Project Sponsor	The CM Punjab is the Project Sponsor. He is the approving authority for the funds allocated.
Program Director	He is the final evaluator and the main stakeholder. He will be handed over all the deliverables.
Project Manager	Responsible for all activities of the project and approvals relevant to the project.
Stakeholder	All the faculty members and staff of the department and the students are the stake holders for this project. They will be consulted regularly on issues relevant to the project.
Team Member	The project team consisting of a project manager, assistant project manager and one office assistant and an office boy will work to execute the project.

2.3.4.7.2 Stakeholders

Table 8: Project Stakeholders

Name	Role
Mr. Shahbaz Sharif Chief Minister, Punjab / Chairman (PEEF)	Project Sponsor
Dr. Amjad Saqib Vice Chairman	Program Director
Mr. Naveed Akbar cheema Sr. Manager Scholarship	Project Manager
Hafiz Muhammad Usman Ali	Assistant Project Manager
Muhammad Usman Tahir	Assistant Project Manager

Usman Zafar	Team Member
Rana Nasir	Team Member
Maryum Butt	Team Member

2.3.5 Project Approach

2.3.5.1 Planned Approach

The project has been divided into 4 phases. The standard management practices will be applied. The estimation and all the activities have been discussed with the program director and the project sponsor and they have agreed to the management practices presumably employed.

2.3.6 Project Estimates

2.3.6.1 Estimated Schedule

Key Project milestones relative to project start are as follows:

Table 9: List of Projects Milestones

Milestone #	Project Milestone	Target Date
001	Selection of Students (PCI Section)	27/8/2016
002	Verification of Students (M&E Dept)	29/11/2016
003	Re verification of Students (V& D Dept)	19/1/2017
004	Preparation of Scholarship Cards (Finance)	22/1/2017
005	Preparation of Pin Codes (Admin)	5/2/2017
006	Disbursement of Scholarships	5/25/2016

2.3.6.2 Resource Requirements – Team and Support Resources

To provide support to the project team, on the seat of assistant project manager Hafiz Muhammad Usman Ali & Muhammad Usman Tahir has been deputed. They will be available for 80% of his time at the PEEF for this Project. The same have tabulated as follows: -

Table 10: Personnel Resource Types and Quantities

Personnel Resource Types	Quantity
Project Manager	1
Assistant Project Manager (80% of Normal Working Hours)	2
Support Staff	3
Total Personnel Resources	6

2.3.6.3 Resource Requirements – Team and Support Resources

Table 11: Estimated Cost

Expense	Original Budget (PKR)
Labour	1.39 Million
Material	9.42 Million
Total	10.46 Billion

2.3.7 Project Controls

2.3.7.1 Monthly Status Reports

Review the data monthly status reports with top management and all team member to ensure the Smooth working progress and if any issue take a corrective action.

2.3.7.2 Change Management

During monthly status reports meeting if need any corrective action or changes required. Issue the change request for approval with Change control board. However final decision also with the program director.

2.3.7.3 Communication Management

All communication and requirements to attend Board meetings are in accordance with Memorandum and Articles of Association of The Punjab Educational Endowment Fund.

2.3.8 Authorizations

2.3.8.1 The Scope Statement will be approved by:

- The Project Sponsor
- The Program Director
- The Project Manager

2.3.8.2 Project Changes will be approved by:

- The Program Director

2.3.8.3 Project deliverables will be approved/accepted by:

- The Program Director

2.3.9 Scope Statement Approval Form/Signatures

2.3.9.1 Scope Statement Approval Form

Project Name: Planning & Monitoring Of (PEEF) Project Using Primavera P6

Project Manager: Mr. Naveed Akbar cheema

I have studied the information confined in this Scope Statement and I agree.

Table 12: Scope Statement Approval Form

Position/Title	Name and Designation	Date
Program Director	Dr. Amjad Saqib Vice Chairman	22/08/2016
Project Manager	Mr. Naveed Akbar cheema Sr. Manager Scholarship	22/08/2016

3 PRIMAVERA P6

Primavera P6 professional Project Management provides us control. Primavera P6 Professional Project Management, the acknowledged standard for high-performance project management software, is considered to grip huge size, highly complicated and comprehensive projects. It knows how to be used to organize projects of up to 100,000 activities and it provides for unrestricted resources and an unlimited quantity of objective plans. Massive data requires complicated yet well flexible organizational tools that give users a huge number of customs to organize, sift and sort activities, projects and resources. Primavera software includes project management, product management, and teamwork and manages capability and integrates with other enterprise software such as Oracle and SAP's ERP systems. [1]

3.1 FEATURES OF PRIMAVERA

- Plan and schedule projects of up to thousands activities.
- Update schedule many users at the same time
- Assign resources and review and task across multiple projects
- Create resource reports, schedule and graphics design.
- Monitoring and control project performance bases of base line.

3.2 BENEFITS OF PRIMAVERA

3.2.1 Primavera P6 Help to Reduces Risk

Identify the inconsistencies, issues, expenses over all the expenses will grow. Using Primavera P6 also help to mitigate the risks during planning, managing the project vital aspects to compensate the excess cost. [1]

3.2.2 Primavera P6 schedule and control project activities.

Primavera P6 helps to control the schedule and project activities. Developed, prepared and analyzed schedule based team plans, reports, activities compare baseline, management, estimated project activity items and schedule variance.

3.2.3 Optimized development of project resources.

Primavera P6 allows all involved in a project to carefully monitor resource availability and adjust such resources to meet project demands. Furthermore, the software can help identify areas where resource costs may be reduced by analyzing resource trends and costs.

3.2.4 Forecasting the WBS Activities

Primavera P6 forecast the activities, resources and rest of the other needs need to be required. As a project manager might be required additional activities and resources to make sure complete the stake holder demands.

3.2.5 Tracking Features

Primavera helps to generate the quick reports/ data as per provided baseline and requested details of project.

3.2.6 Clearly Communicate

Most of the project very large projects so Primavera P6 helps to involve the all parties and communicate with each other clearly during the execution with team worker and team management. Also ensure the all users must be seeing the progress.

3.2.7 Improved Collaboration

Collaboration need all over the project period, it's very important while duration of project are too large. For example, projects in civil industries may collaboration required between many different debarments, parties, stake holders and suppliers

3.2.8 Prepare the Accurate Costing

As per project manager requirement information prepare the costing correct estimation of all activities which have performed or in future estimation cost.

3.3 OBS AND EPS IN PRIMAVERA P6

The EPS (Enterprise Project Structure) is a logical, important, hierarchical arrangement of all the projects in your organization.

- EPS is a hierarchical arrangement of projects in an organization.
- The EPS is available to all existing and future projects in the Enterprise.
- Once defined, the EPS does not change dramatically or frequently. It only needs suitable modifications sometimes
- EPS has a Main/Root Node (The Enterprise/Organization) and several Nodes and Sub-Nodes defining the various fields this Enterprise is involved in.

3.3.1 How to create/modify OBS

- Go to Enterprise > OBS.
- In the pop up window, click on Display >> Filter by >> chose 'All OBS Elements'.
- Click Add and create a new OBS entry.
- Details under the Responsibility tab will be populated once this OBS entity is assigned to a Project or WBS.

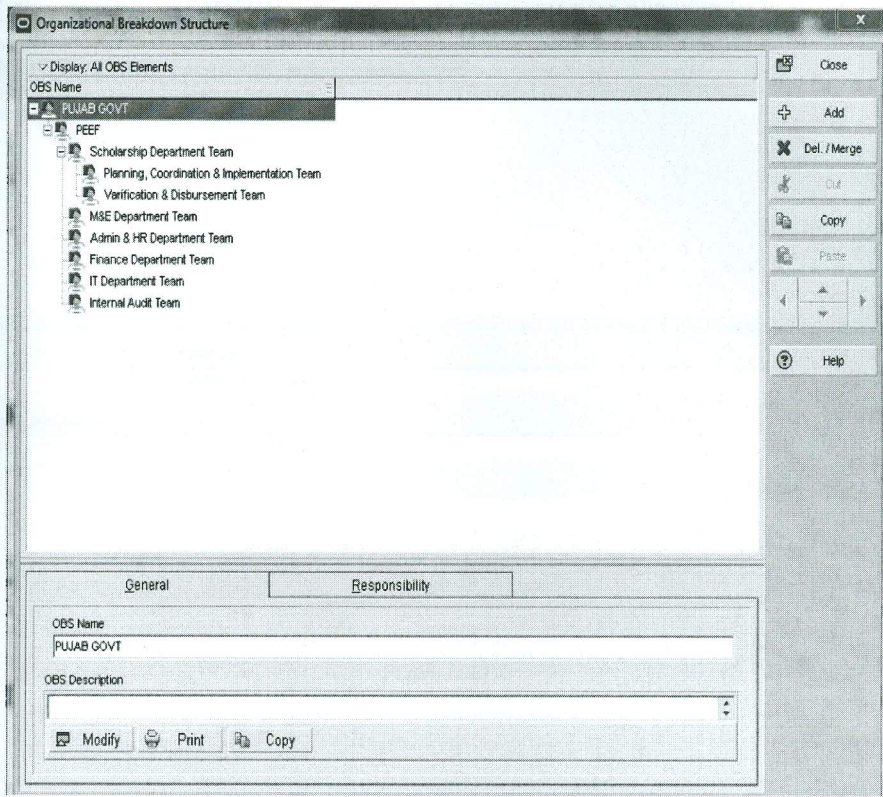


Figure 1: OBS

3.3.2 How to create/modify EPS

- Go to Enterprise >> Enterprise Project Structure.
- Click on Add.
- Use the arrow keys to place the new element at the desired position.
- Select the respective Responsible Manager(s) which have been created in the OBS

Enterprise Project Structure (EPS)

Display: EPS

EPS ID	EPS Name
PEEF	Punjab Educational Endowment Fund
PEEF1	PEEF Scholarship
HSSC	HSSC Level Scholarship
SSS	SSC Level Scholarship
UG	UG Level Scholarship
PG	PG Level Scholarship
OP	OP Scholarship
PBTE	PBTE Scholarship
COE	COE Scholarship
DFID	DFID Scholarship
SHB	Shahbaz Scholarship
YDC	YDC Murree

Close

Add

Delete

Cut

Copy

Paste

Help

EPS ID

EPS Name

DFID

DFID Scholarship

Responsible Manager

PUJAB GOVT

Figure 2: EPS

3.4 ORGANIZATIONAL BREAKDOWN STRUCTURE (OBS) IN PEEF

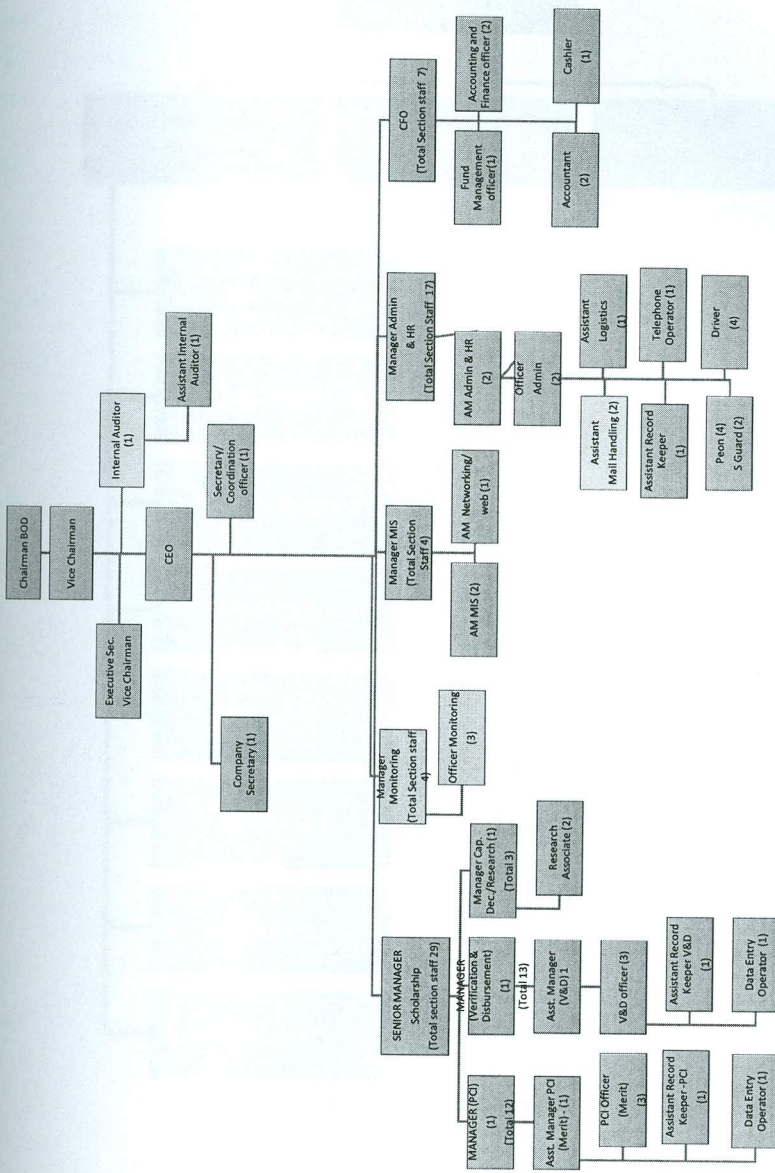


Figure 3: PEEF Lahore OBS

3.5 ENTERPRISE PROJECT STRUCTURE (EPS) IN PEEF

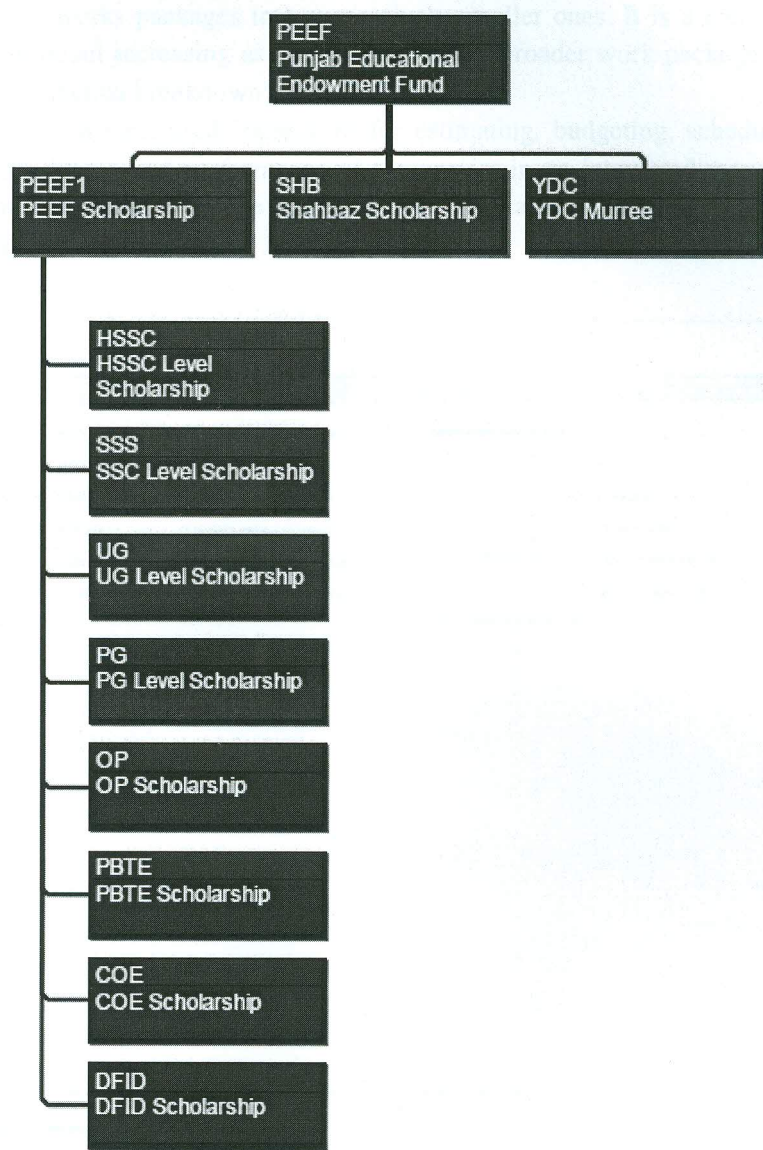
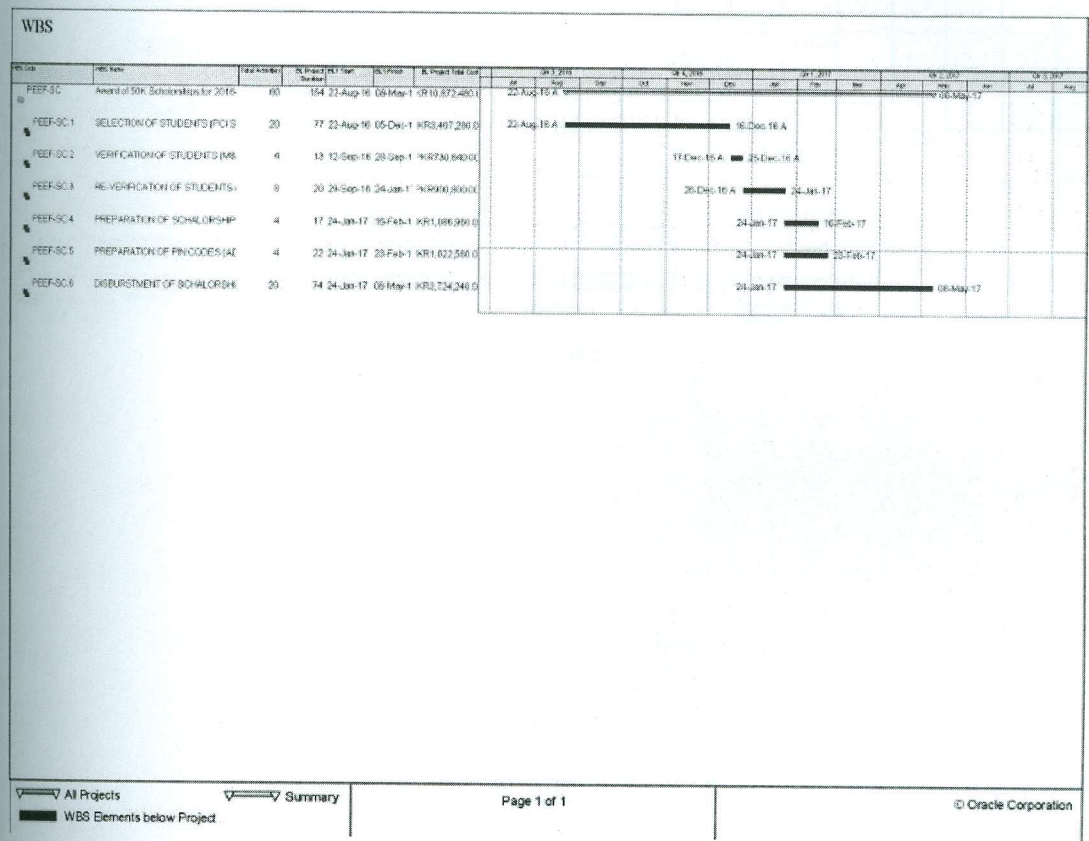


Figure 4: PEEF Lahore EPS

3.6 WORK BREAKDOWN STRUCTURE (WBS)

WBS stands for Work Breakdown Structure. As the name suggests, WBS breaks down the broadly classified works packages into successively smaller ones. It is a hierarchical structure, with the level of detail increasing as you go down from broader work packages to their smaller constituents (incremental breakdown).

The WBS provides a structured framework for estimating, budgeting, scheduling, measuring, and reporting the status and performance of the project in an integrated manner, thus making progress reporting meaningful. The structure also facilitates delegation of authority to lower level managers, [1]



3.7 ACTIVITY TYPES

There are the 6 Activity Types in Primavera P6.

3.7.1 Start Milestone & Finish Milestone

A Milestone represents a point in time (event) when a pre-determined task or goal is started or achieved, i.e. a task which has some significance is either started or is completed. For example, Start/Finish of a Project, Commencing execution works, Completion of a Phase, etc.

A Milestone will show only one date in the Start/Finish Date columns. A Start Milestone will have only a start date and no finish date. Similarly, a Finish Milestone will have only a finish date. This is because by definition, a Milestone is just the representation of a point in time, it has no duration of its own. That is why Milestones have 'zero' days as duration. Also, Milestones do not consume any resources.

3.7.2 Task Dependent

This Activity Type is used in cases where the allocated number of resources has no impact on the determination of duration. In other words, the activity is supposed to take a certain amount of time to be performed irrespective of the resources it has.

In these cases, assigned resources perform according to the activity's calendar rather than according to their own designated calendars (resource calendars).

In construction terms, rebar fixing, formwork, plastering, etc. are resource dependent. Concrete curing is task dependent.

3.7.3 Resource Dependent

When the number of resources assigned to a task determine the task's duration, it is called a Resource Dependent activity. For example, if one particular resource can complete a task in 4 days, then two such resources can complete the same task in 2 days.

In P6 terms, $\text{Duration} = (\text{Budgeted Units}) / (\text{Budgeted Units} / \text{Time})$

3.7.4 Level of Effort

The duration of a level of effort activity is dependent on the assigned predecessor and successor activities. The duration is calculated from the defined relationship at the predecessor to the

defined relationship at the successor. These jobs span or exist as long as some other works are being performed.

3.7.5 WBS Summary

A WBS Summary spans all the activities within a WBS, starting from the start of the earliest activity to the finish of the activity finishing last in that WBS, however, no actual relationships/links need to be specified. [1]

3.8 DURATION TYPES

Primavera P6 has 4 Duration Types, as follows:

1. Fixed Duration and Units
2. Fixed Duration and Units/Time
3. Fixed Units
4. Fixed Units/Time

3.8.1 Fixed Duration and Units

This is used with Task Dependent activities. As we know, in Task Dependent activities, duration is fixed. Additionally, the assigned resource units are also fixed. This Duration Type is used when the schedule (time) is more important than the availability of resources or total work effort.

3.8.2 Fixed Duration and Units/Time

This setting is also used in case of Task Dependent activities, with the only change being that the total units can be varied keeping the Duration and Units/Time constant. This setting is used when the total output required is unknown and how much can be produced in a day is the governing factor.

3.8.3 Fixed Units

This Duration Type is used with Resource Dependent activities in cases where the total work effort is most important (known, or fixed).

3.8.4 Fixed Units/Time

This type indicates that availability of resources is the governing aspect, therefore the Units/Time are fixed and the Duration and Units can be varied. This type is also used with Resource Dependent activities.

3.9 PERCENT COMPLETE TYPES

There are 3 Activity Percent Complete types in Primavera P6.

3.9.1 Duration Percent Complete

This is the most commonly used type and is the default setting. This type is used to calculate an activity's percent complete (progress) based on original and remaining durations.

This is used in activities where percent complete is not measurable and is generally specified based on duration, e.g. Level of Effort activities. [1]

$$\text{Activity \% Complete} = (\text{Original Duration} - \text{Remaining Duration}) / (\text{Original Duration})$$

3.9.2 Physical Percent Complete

This type represents the actual work accomplished for the activity and is used when quantifiable deliverables are involved. In this case, the actual work done, the remaining duration and the percent complete are all specifically entered.

3.9.3 Units Percent Complete

This type is used when resources are assigned and progress is based on actual units performed. Similar to Physical Percent Complete, the Remaining Duration should be adjusted manually.

3.10 BASELINE

In Primavera P6, a baseline is a copy of your schedule, stored in a static form. Think of it as a snapshot of the schedule at a moment in time. One can take many snapshots along the way as schedule changes, so one can have many baselines of the project. It's stored in a static form,

because it can't be edited. Its data is fixed and static. But one can still view its data and use it to compare against the current schedule. [1]

Using P6's baseline features allow to evaluate the schedule against a baseline across 3 main project areas:

- Schedule
- Cost
- Resource Assignments

3.10.1 Creating A Baseline

Taking a snapshot of your project is relatively easy.

- Open a project, and proceed to the Activities screen.
- Goto the Project menu -> Maintain Baselines.
- Click Add to take a snapshot of your project as it is right now.
- Select "Save a copy of the current project as a new baseline" and click OK.

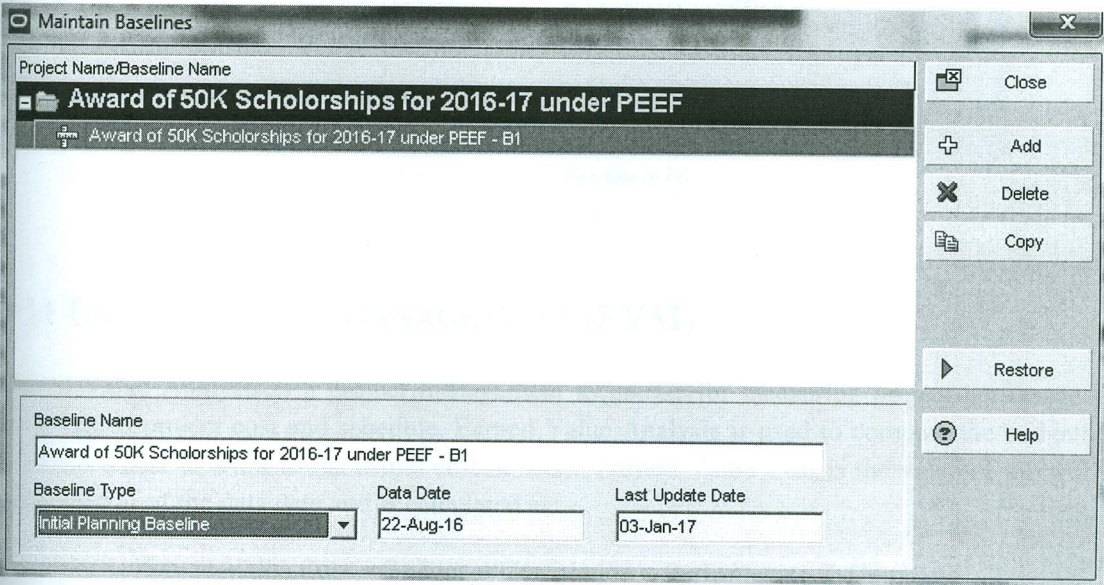


Figure 6: Maintain Baseline in P6

3.10.2 Assigning A Baseline for Comparison

After a baseline is created, you'll need to assign it to your project to compare against it.

- Goto Project Menu -> Assignment Baselines.
- Assign either a Project Baseline or a User Baseline.

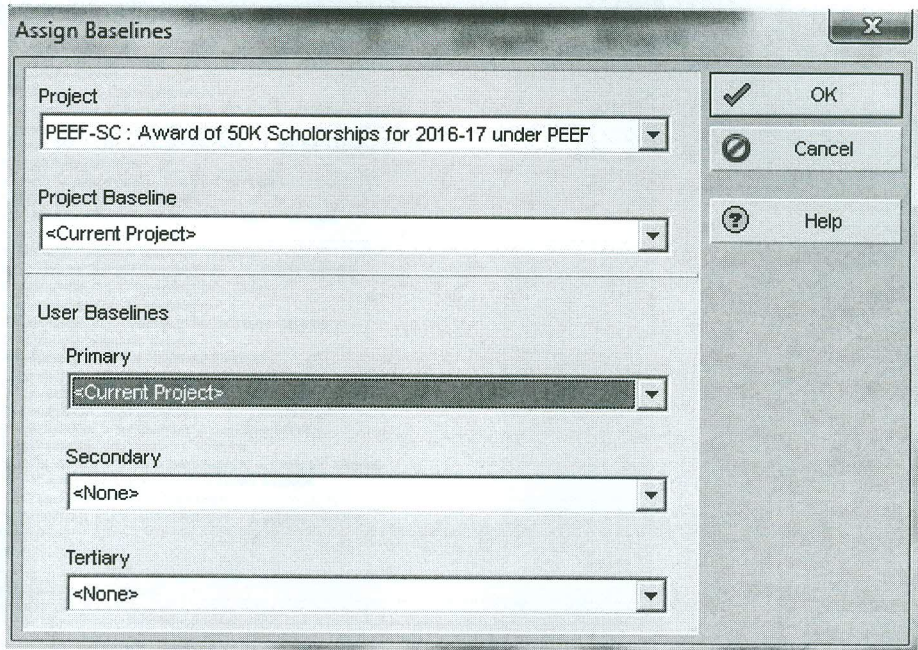


Figure 7: Assign Baseline in P6

3.11 EARNED VALUE MANAGEMENT (EVM)

Earned Value Analysis is a project management technique for measuring project performance according to project cost and schedule. Earned Value Analysis is used to compare the budgeted or planned cost of work to the actual cost of work. Earned Value Cost is the value of the work performed as of the data date and is calculated as:

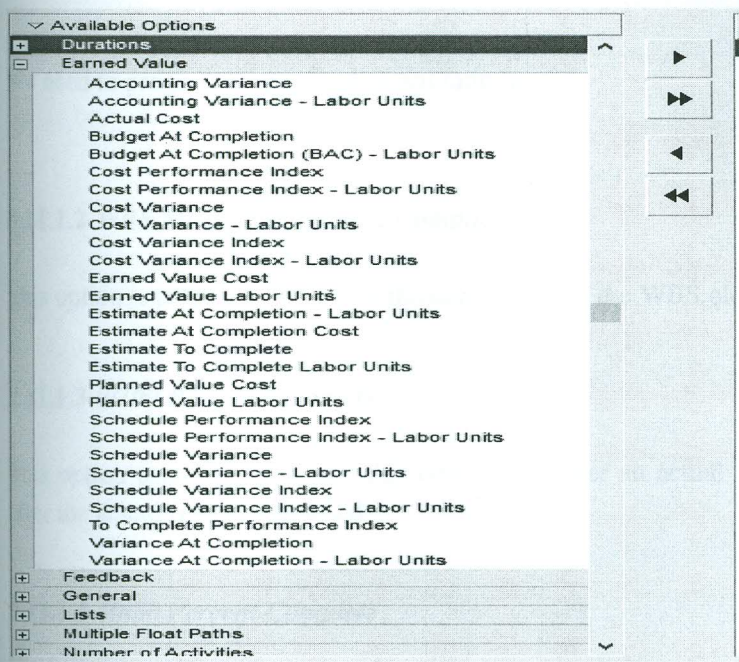
$$\text{Earned Value Cost} = \text{Budget at Completion} \times \text{Performance \% Complete}$$

In Primavera P6 shows the total 28 Options of EVM

- 12 are to find Variance
- 9 are forecasting
- 9 are index

Three Date points

- Actual cost
- Planned Value
- Earned Value



3.11.1 Calculating Performance Percent Complete

There are 5 options for selecting Performance Percent Complete in Primavera P6. The selection is made at the WBS level and pertains to all activities within the WBS. These techniques are selected and calculated as follows:

3.11.1.1 Activity Percent Complete (ETC)

This technique is used to calculate Earned Value Cost based on the Activity's percent complete. Primavera P6 gives you 3 options for identifying Activity Percent Complete. These calculations are listed below.

3.11.1.1.1 Duration % Complete

It's used when progress is reported based on Remaining Duration:

$$[(\text{Original Duration} - \text{Remaining Duration}) / \text{Original Duration}] * 100$$

3.11.1.1.2 Units % Complete

It's used when progress is reported based upon actual work performed and remaining units to complete:

$$(\text{Actual Units}/\text{At Completion Units}) * 100$$

3.11.1.1.3 Physical % Complete

It's used to progress based on personal judgment.

3.11.1.2 WBS Milestones Percent Complete

This option is calculated based on the completion of the WBS element's weighted milestones.

3.11.1.3 0/100 Percent Complete

This option calculates earned value cost as 0% after an actual start date is recorded and 100% after the actual finish is reported.

3.11.1.4 50/50 Percent Complete

This option Calculates earned value cost as 50% when the actual start date is reported and 100% upon reporting the actual finish.

3.11.1.5 Custom Percent Complete

This option calculates Earned Value Cost as a user-defined percentage after actual start is reported and 100% after an actual finish date is recorded.

3.12 SCHEDULING OPTION IN PRIMAVERA

Primavera has three Scheduling Options to choose from when we are scheduling our project. Retained Logic is the default scheduling option. When we are building a Baseline, the default option works fine. But things change when we start updating our project, activities start getting delayed and do not get executed as planned. We then have to make a decision on whether we want to continue using Retained logic or choose Progress Override or Actual Dates as our Scheduling Option. [4]

The three scheduling options available in Primavera are:

- Retained Logic
- Progress Override
- Actual Dates

3.13 S-CURVE IN PRIMAVERA P6

An S-curve is defined as:

"A display of cumulative costs, labor hours or other quantities plotted against time. The name derives from the S-like shape of the curve, flatter at the beginning and end and steeper in the middle, which is typical of most projects. The beginning represents a slow, deliberate but accelerating start, while the end represents a deceleration as the work runs out. [5]

3.13.1 Types of S-curves

There are a variety of S-curves that are applicable to project management applications, including:

- Man Hours versus Time
- Costs versus Time
- Baseline
- Actual
- Target
- Value and Percentage

3.13.1.1 Man Hours versus Time S-curve

This curve shows that manpower working hours cumulative over time the project which have used. These might be together or individual work time to finish. This can be happened due to repairing, delay of works, variances etc .

Generally **Man-day**: Workload which is manageable by one person within one day working hr.

3.13.1.2 Costs versus Time S-curve

Costs versus Time S-curve generally proper for projects those include labor and non labor assign jobs. Its cumulative cost shows and assists the cash flow and cost to complete information which expended over time of the project.

3.13.1.3 Baseline S-curve.

This S-Curve use earlier to project beginning for prepared the projected share of tasks and resources to complete the project as per fixed the baseline within time frame and cost. This S-curve shows the project planned progress and requires changes in advance if required.

3.13.1.4 Target S-curve

Once completed all task as per current schedule than this S-curve shows the progress of the project and meet the baseline at the end of the project.

3.13.1.5 Actual S-curve

This curve shows the actual work progress of the project to compare with base line and Target S-Curve.

3.13.1.6 Value and Percentage S-curves

This curve shows the actual complete percentage work cost and percentage of project growths against target. [6]

4 CONCLUSION

Primavera P6 is incredible project management software. It allows us to easily plan, manage, monitor and track projects in PEEF. Primavera P6 not only helps planning engineers, schedulers etc. but it's equally beneficial for managers, and any stakeholder involved in a project.

4.1 PROJECT STATUS

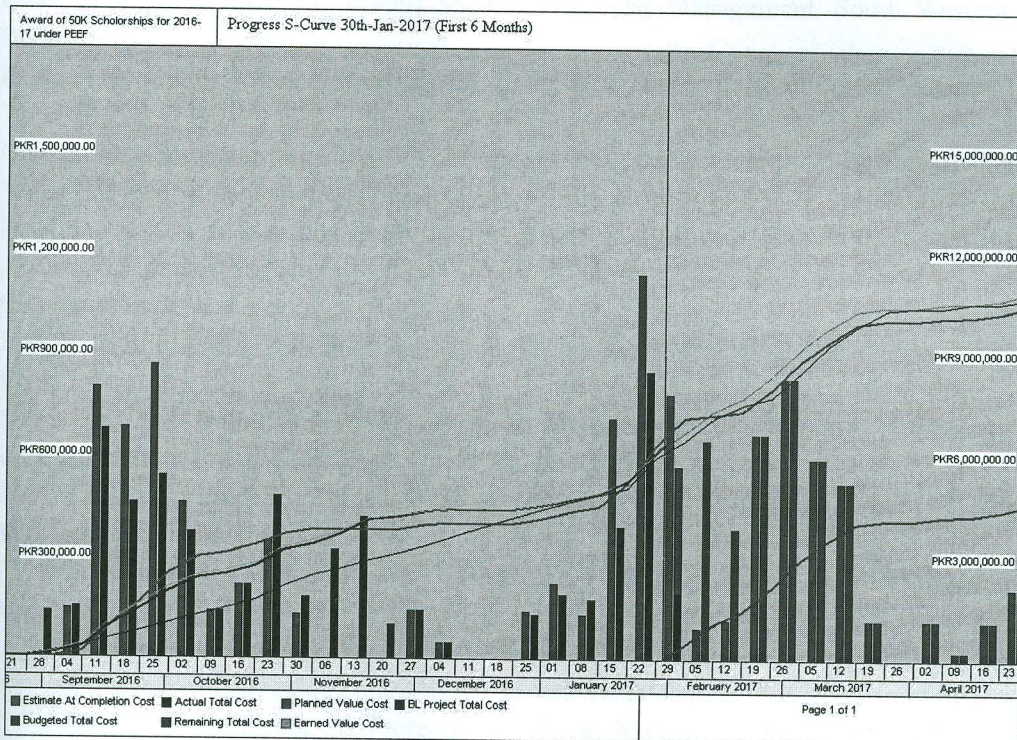


Figure 8: EVM Cost S-curve

The project is likely to be completed before baseline as current month progress is ahead of planned progress. A strict monitoring and forecasting is required to maintain lead for remaining time period.

5 REFERENCES

- [1] Suhanic, G. (2001) Computer-Aided Project Management. Oxford University Press, New York.
- [2] Gido, J. and Clements, J.P. (1999) Successful Project Management. South Western Hill, Berkeley.
- [3] Levine, H. (1986) Project Management Using Microcomputers. Osborne McGraw, New York City.
- [4] Connell, J. and Shafer, L. (1987) The Professional User's Guide to Software Evaluation. Wiley Publishing, Inc., Indianapolis.
- [5] Law, D. (1993) Evaluating Methods and Tools in Software Quality Management, 17. American Elsevier Publishing
- [6] Company, Inc., New York.
- [7] ISO/IEC DIS 14589-1 (1996) Information Technology-Software Product Evaluation. NY, USA.
- [8] Shtub, A. and Brand, J.F. (1994) Project Management, Engineering Technology and Implementation. Prentice Hall Inc., Upper Saddle River.
- [9] PMI. (2013) A guide to Project Management Body of Knowledge (PMBOK). Project Management Institute, PA, USA
- [10] Administrative Structure of COMSATS. (2016, May 9). Retrieved from <http://lahore.comsats.edu.pk/>
- [11] Earned Value Calculations. (2016, May 10) <http://www.theprimaverablog.com/2011/07/earned-value-calculations-admin-preferences-2/>
- [12] S-Curves in Primavera P6 Professional. (2016, May 10) <https://tensix.com/2015/09/s-curves-in-primavera-p6-professional/>
- [13] Facts & History, CIIT Lahore. (2016, May 10) http://lahore.comsats.edu.pk/AboutCIIT/facts_history.aspx
- [14] Software. International Journal of Advance Research in Computer Science and Management Studies,3(5) 227-236
- [15] History of PEEF , Background , CIIT Lahore. <http://www.peef.org.pk/>

6 APPENDIX A: PRIMAVERA P6 REPORTS

Primavera P6 has been used for the project plan of the selected project. This section contains views and reports generated from Primavera P6 for the Award Of 50k Scholarships for 2016-17 Project.

This section contains the following sheets:

- Work Breakdown Structure (WBS)
- EPS Layouts
- Project Baseline with Activity list & Gantt Chart
- Baseline S-Curve
- Progress Sheet (31st Dec)
- Earned Value based Financial Sheet (31st Dec)
- Cost S-Curve (31st Dec)
- Resource/units S-Curve (31st Dec)
- Progress Sheet (31st Jan)
- Earned Value based Financial Sheet (31st Jan)
- Cost S-Curve (31st Jan)
- Resource/units S-Curve (31st Jan)
- RE-01 Earned Value Costs for WBS and Activities
- RA-01 Resource Assignments, All Activities
- What If Analysis

Award of 50K Scholarships for 2016-17 under PEEF

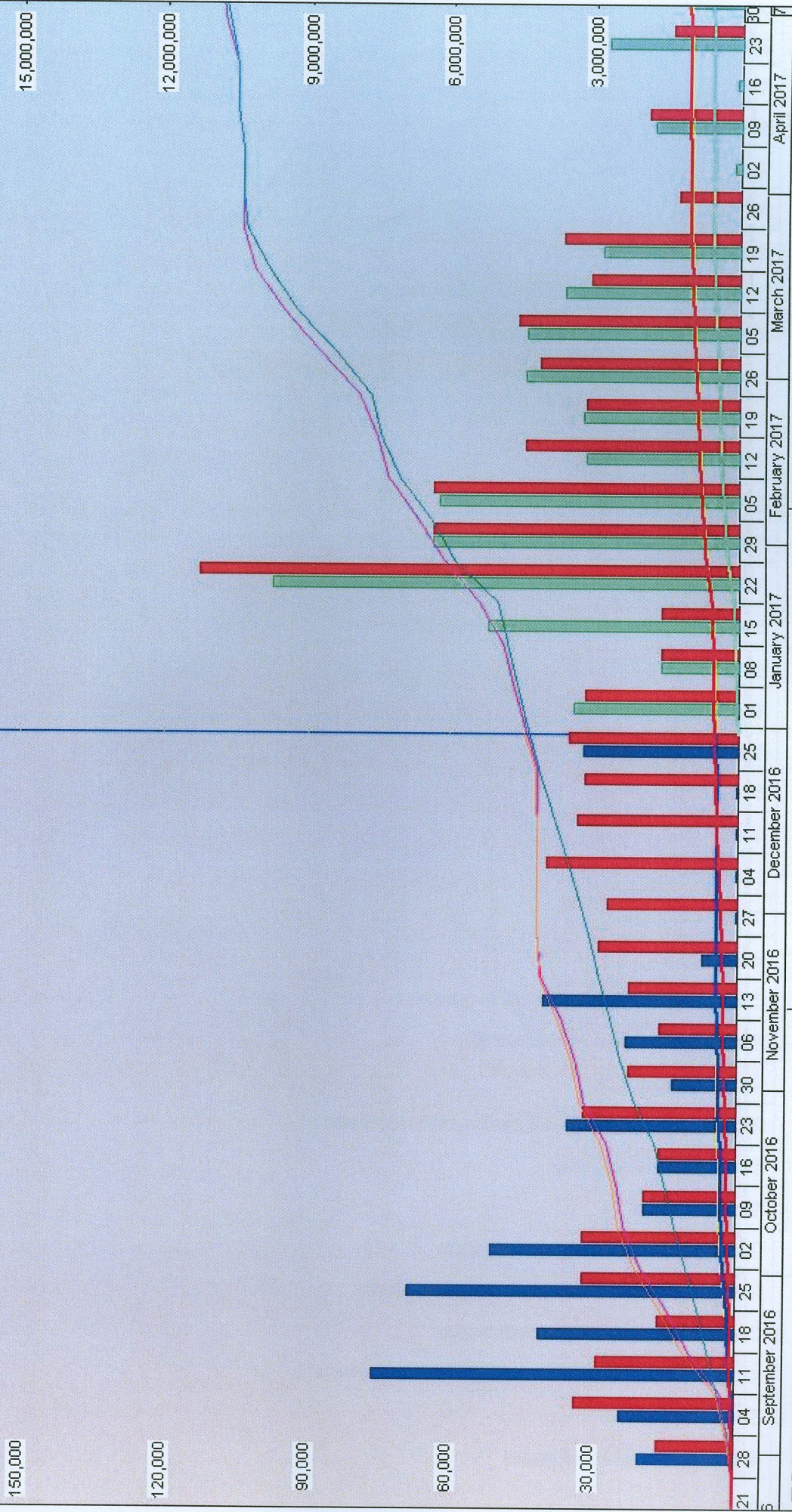
Activity ID	Activity Name	2017			
		Feb	Mar	Apr	May
Award of 50K Scholarships for 2016-17 under PEEF		02-M			
SELECTION OF STUDENTS (PCI Section)		N OF STUDENTS (PCI Section)			
PCI001	Orientation and Planning Meeting with PE				
PCI003	Orientation and planning Meeting with ED				
PCI006	Orientation and planning Meeting with spe				
PCI09	Letter to Special Education, Participating				
PCI13	Collection of Data from PEC/BISE				
PCI17	Sortig of Soft data division wise				
PCI21	Sortig of Soft Data District and Tehsil Wis				
PCI25	Data Import into Database				
PCI29	Short listig of students				
PCI33	Seding application form to studets				
PCI37	Receiving and sorting of application form				
PCI41	First phase of data entry				
PCI45	2nd Phase of data entery and Picture sca				
PCI49	Verification of Data Entry				
PCI53	Final checks of Student's Documents				
PCI57	Follow up of Missing Credentials				
PCI61	Preparation of Merit				
PCI65	Merit checks by Authority				
PCI69	Forward merit list to M&E				
PCI73	Completion of PCI Section Works				
VERIFICATION OF STUDENTS (M&E DEPT)					
ME001	Collection Data from PCI section				
ME005	Make Sample from Data for Verification				
ME009	Verify the Students Credentials				
ME013	Send final Student list to the V&D section				
RE-VERIFICATION OF STUDENTS (V&D SECTION)		E-VERIFICATION OF STUDENTS (V&D SECTION)			
VD001	Collection of Data from M&E				
VD005	Verification of Final Meritlist				
VD009	20% Hardform Verification				
VD013	Prepared soft memo for Finance Dept				
VD017	Prepared soft memo for Admin				
VD021	Preparation of Hard Copy for Admin Veri				
VD025	Preparation of Hard Copy for Finance Var				
VD029	Send Data to Finance and Admin				
PREPARATION OF SCHALORSHIP CARDS (FINANCE)		10-Feb-17, PREPARATION OF SCHALORSHIP CARDS (I			
AD001	Verify the Data receive from V&D				
AD005	Sending Data to BOP for Pin Codes				
AD009	Collection of Pincodes from BOP				
AD013	Verification of Pin Codes and Sending th				
PREPARATION OF PIN CODES (ADMIN)		17-Feb-17, PREPARATION OF PIN CODES (ADMIN)			
FD001	Receiving Data from V&D				
FD005	Verification of the Data				
FD009	Sending data for Students e.Cards				
FD013	Receiving e.Cards from Vendor and Ser				
DISBURSTMENT OF SCHALORSHIPS		02-M			
V&D001	Receiving cards from Admin and Pin Co				
V&D005	Printing of Certificate and other Schalor				
V&D009	Verification of Dispatch list and forwardin				
V&D013	Receiving of dispatch list from admin an				
V&D017	Prepare UMS list of remaining Letters				
V&D021	Enter UMS list into Database				

Remaining Level of Effort Actual Work
Actual Level of Effort Remaining Work

Activity ID	Activity Name	Actual Finish	Actual Start	BL Project Finish	BL Project Start	Schedule % Complete	Performance % Complete	Cost Performance Index	Schedule Performance Index
Award of 50K Scholarships for 2016-17 under PEEF SELECTION OF STUDENTS (PCI Section)									
PCI001	Orientation and Planning Meeting with PEC/BISE		22-Aug-16	04-May-17	22-Aug-16	40.23%	41.08%	1.00	1.02
PCI003	Orientation and planning Meeting with EDO, DEO (SE)		22-Aug-16	06-Dec-16	22-Aug-16	100%	94.72%	1.00	0.95
PCI006	Orientation and planning Meeting with special Education	02-Sep-16	22-Aug-16	31-Aug-16	22-Aug-16	100%	100%	0.00	0.00
PCI09	Letter to Special Education, Participating Institutions, EDO	05-Sep-16	03-Sep-16	05-Sep-16	29-Aug-16	100%	100%	0.92	1.00
PCI13	Collection of Data from PEC/BISE	12-Sep-16	05-Sep-16	12-Sep-16	01-Sep-16	100%	100%	1.07	1.00
PCI17	Sortig of Soft data division wise	15-Sep-16	13-Sep-16	14-Sep-16	06-Sep-16	100%	100%	1.56	1.00
PCI21	Sortig of Soft Data District and Tehsil Wise	22-Sep-16	15-Sep-16	19-Sep-16	13-Sep-16	100%	100%	1.00	1.00
PCI25	Data Import into Database	26-Sep-16	21-Sep-16	23-Sep-16	15-Sep-16	100%	100%	1.33	1.00
PCI29	Short listig of students	30-Sep-16	26-Sep-16	28-Sep-16	20-Sep-16	100%	100%	1.11	1.00
PCI33	Seding application form to studets	12-Oct-16	03-Oct-16	10-Oct-16	26-Sep-16	100%	100%	0.80	1.00
PCI37	Receiving and sorting of application form	26-Oct-16	17-Oct-16	20-Oct-16	29-Sep-16	100%	100%	1.00	1.00
PCI41	First phase of data entry	27-Oct-16	24-Oct-16	01-Nov-16	11-Oct-16	100%	100%	1.00	1.00
PCI45	2nd Phase of data entery and Picture scanning	11-Nov-16	31-Oct-16	02-Nov-16	21-Oct-16	100%	100%	1.00	1.00
PCI49	Verification of Data Entry	22-Nov-16	09-Nov-16	16-Nov-16	24-Oct-16	100%	100%	1.00	1.00
PCI53	Final checks of Student's Documents	16-Nov-16	14-Nov-16	21-Nov-16	03-Nov-16	100%	100%	0.85	1.00
PCI57	Follow up of Missing Credentials	14-Sep-16	12-Sep-16	24-Nov-16	17-Nov-16	100%	100%	0.86	1.00
PCI61	Preparation of Merit	19-Sep-16	15-Sep-16	29-Nov-16	22-Nov-16	100%	100%	1.00	1.00
PCI65	Merit checks by Authority		30-Nov-16	01-Dec-16	30-Nov-16	100%	10%	1.00	0.10
PCI69	Forward merit list to M&E	26-Sep-16	26-Sep-16	05-Dec-16	02-Dec-16	100%	0%	0.00	0.00
PCI73	Completion of PCI Section Works	16-Sep-16		06-Dec-16	06-Dec-16	100%	100%	1.00	1.00
VERIFICATION OF STUDENTS (M&E DEPT)									
ME001	Collection Data from PCI section	28-Sep-16	12-Sep-16	23-Dec-16	07-Dec-16	100%	100%	1.00	1.00
ME005	Make Sample from Data for Verification	13-Sep-16	12-Sep-16	08-Dec-16	07-Dec-16	100%	100%	1.00	1.00
ME009	Verify the Students Credentials	15-Sep-16	14-Sep-16	12-Dec-16	09-Dec-16	100%	100%	1.00	1.00
ME013	Send final Student list to the V&D section	27-Sep-16	16-Sep-16	22-Dec-16	13-Dec-16	100%	100%	1.00	1.00
RE-VERIFICATION OF STUDENTS (V&D SECTION)									
VD001	Collection of Data from M&E	28-Sep-16	28-Sep-16	20-Jan-17	23-Dec-16	100%	100%	1.00	1.00
VD005	Verification of Final Meritlist	30-Sep-16	29-Sep-16	27-Dec-16	26-Dec-16	26.15%	56.4%	1.00	2.16
VD009	20% Hardform Verification	05-Oct-16	03-Oct-16	30-Dec-16	28-Dec-16	100%	100%	1.00	1.00
VD013	Prepared soft memo for Finance Dept		24-Dec-16	06-Jan-17	02-Jan-17	0%	80%	1.00	0.00
VD017	Prepared soft memo for Admin	30-Dec-16	27-Dec-16	10-Jan-17	09-Jan-17	0%	100%	1.00	0.00
VD021	Preparation of Hard Copy for Admin Verification			12-Jan-17	11-Jan-17	0%	0%	0.00	0.00
				16-Jan-17	13-Jan-17	0%	0%	0.00	0.00

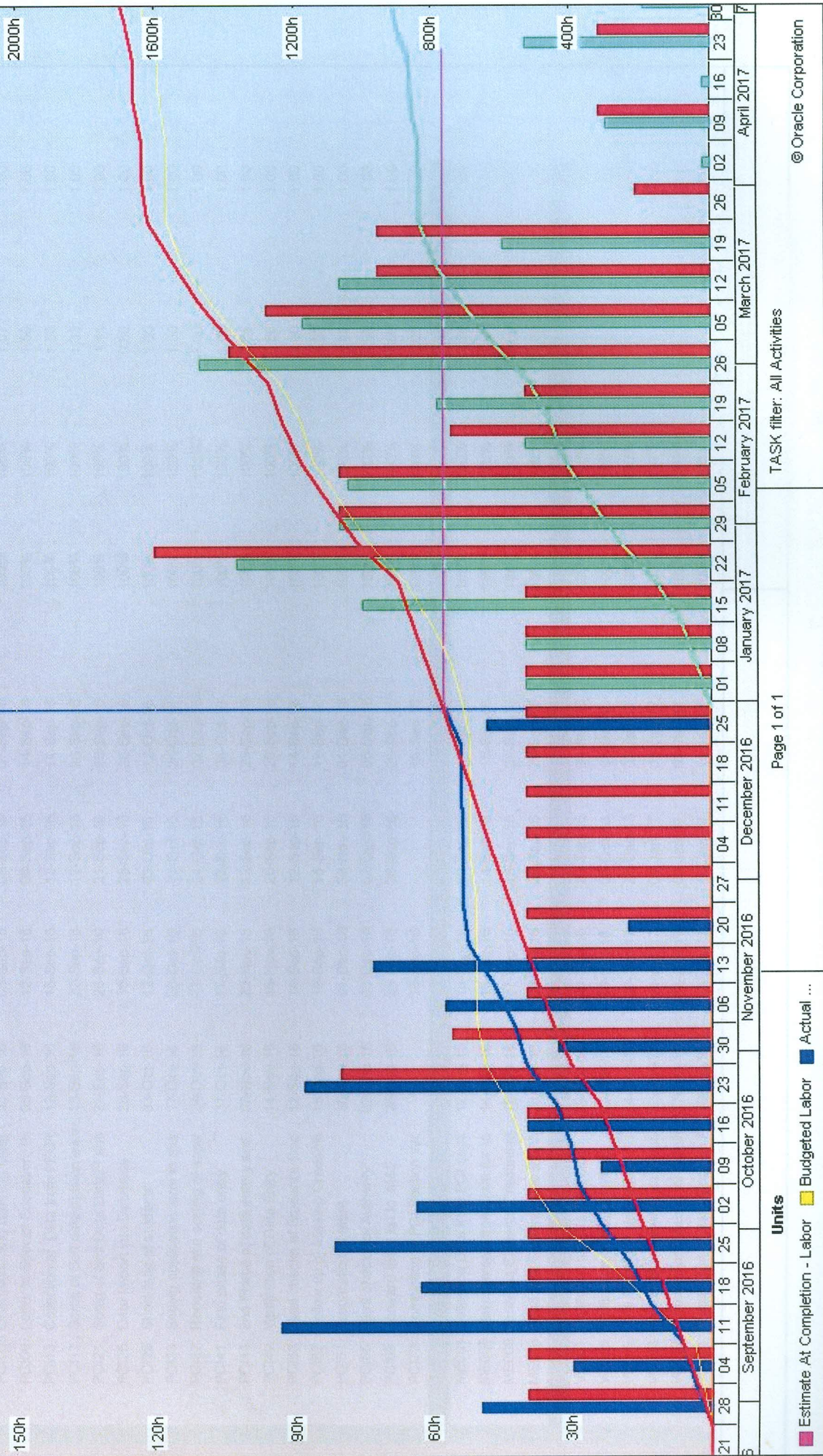
Activity ID	Activity Name	Budgeted Total Cost	Actual Total Cost	Remaining Total Cost	Budget At Completion	Planned Value Cost	Earned Value Cost	To Complete Performance Index	Schedule performance Index	Cost Performance Index
Award of 50K Scholarships for 2016-17 under I SELECTION OF STUDENTS (PCI Section)	PCI00 Orientation and Planning Meeting	10,466,016	4,456,886	6,406,304	10,872,480	4,373,520	4,466,176	1.00	1.02	1.00
	PCI00 Orientation and Planning Meeting	0	0	0	0	0	0	1.00	0.95	1.00
	PCI00 Orientation and planning Meeting	240	260	0	240	240	240	0.00	1.00	0.92
	PCI00 Orientation and planning Meeting	144,240	135,200	0	144,240	144,240	144,240	0.00	1.00	1.07
	PCI09 Letter to Special Education, Partic	0	149,290	0	232,400	232,400	232,400	0.00	1.00	1.56
	PCI113 Collection of Data from PEC/BISE	0	96,250	0	96,160	96,160	96,160	0.00	1.00	1.00
	PCI117 Sortig of Soft data division wise	51,936	97,890	0	129,840	129,840	129,840	0.00	1.00	1.33
	PCI121 Sortig of Soft Data District and Tet	173,120	155,700	0	173,120	173,120	173,120	0.00	1.00	1.11
	PCI125 Data Import into Database	139,440	174,200	0	139,440	139,440	139,440	0.00	1.00	0.80
	PCI129 Short listig of students	373,120	373,120	0	373,120	373,120	373,120	0.00	1.00	1.00
	PCI133 Seding application form to studets	346,240	346,240	0	346,240	346,240	346,240	0.00	1.00	1.00
	PCI137 Receiving and sorting of applicatic	347,520	347,520	0	347,520	347,520	347,520	0.00	1.00	1.00
	PCI141 First phase of data entry	346,240	346,240	0	346,240	346,240	346,240	0.00	1.00	1.00
	PCI145 2nd Phase of data entery and Pict	432,800	506,900	0	432,800	432,800	432,800	0.00	1.00	0.85
	PCI149 Verification of Data Entry	139,440	162,700	0	139,440	139,440	139,440	0.00	1.00	0.86
	PCI153 Final checks of Student's Docume	139,440	139,440	0	139,440	139,440	139,440	0.00	1.00	1.00
	PCI157 Follow up of Missing Credentials	129,840	129,840	0	129,840	129,840	129,840	0.00	1.00	1.00
	PCI161 Preparation of Merit	92,960	9,296	83,664	92,960	92,960	9,296	1.00	0.10	1.00
	PCI165 Merit checks by Authority	96,160	0	96,160	96,160	96,160	0	1.00	0.00	0.00
	PCI169 Forward merit list to M&E	48,080	48,080	0	48,080	48,080	48,080	0.00	1.00	1.00
	PCI173 Completion of PCI Section Works	0	0	0	0	0	0	0.00	0.00	0.00
	VERIFICATION OF STUDENTS (M&E DEP	730,640	730,640	0	730,640	730,640	730,640	0.00	1.00	1.00
	ME001 Collection Data from PCI section	96,160	96,160	0	96,160	96,160	96,160	0.00	1.00	1.00
	ME001 Make Sample from Data for Verific	176,160	176,160	0	176,160	176,160	176,160	0.00	1.00	1.00
	ME001 Verify the Students Credentials	371,840	371,840	0	371,840	371,840	371,840	0.00	1.00	1.00
	ME001 Send final Student list to the V&D :	86,480	86,480	0	86,480	86,480	86,480	0.00	1.00	1.00
RE-VERIFICATION OF STUDENTS (V&D S	VD001 Collection of Data from M&E	900,800	508,080	392,720	900,800	235,600	508,080	1.00	2.16	1.00
	VD001 Collection of Data from M&E	96,160	96,160	0	96,160	96,160	96,160	0.00	1.00	1.00
	VD005 Verification of Final Meritlist	139,440	139,440	0	139,440	139,440	139,440	0.00	1.00	1.00
	VD009 20% Hardform Verification	232,400	185,920	46,480	232,400	0	185,920	1.00	0.00	1.00
	VD013 Prepared soft memo for Finance I	86,560	86,560	0	86,560	0	86,560	0.00	0.00	1.00
	VD017 Prepared soft memo for Admin	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
	VD021 Preparation of Hard Copy for Adm	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00

Activity ID	Activity Name	Budgeted Total Cost	Actual Total Cost	Remaining Total Cost	Budget At Completion	Planned Value Cost	Earned Value Cost	To Complete Performance Index	Schedule performance Index	Cost Performance Index
VDO25	Preparation of Hard Copy for Finan	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
VDO29	Send Data to Finance and Admin	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
PREPARATION OF SCHALORSHIP CARDS		1,086,960	0	1,086,960	1,086,960	0	0	1.00	0.00	0.00
AD001	Verify the Data receive from V&D	92,960	0	92,960	92,960	0	0	1.00	0.00	0.00
AD005	Sending Data to BOP for Pin Codes	156,240	0	156,240	156,240	0	0	1.00	0.00	0.00
AD008	Collection of Pincodes from BOP	232,400	0	232,400	232,400	0	0	1.00	0.00	0.00
AD013	Verification of Pin Codes and Sen	605,360	0	605,360	605,360	0	0	1.00	0.00	0.00
PREPARATION OF PIN CODES (ADMIN)		1,022,560	0	1,022,560	1,022,560	0	0	1.00	0.00	0.00
FD001	Receiving Data from V&D	92,960	0	92,960	92,960	0	0	1.00	0.00	0.00
FD005	Verification of the Data	232,400	0	232,400	232,400	0	0	1.00	0.00	0.00
FD009	Sending data for Students e.Cards	325,360	0	325,360	325,360	0	0	1.00	0.00	0.00
FD013	Receiving e.Cards from Vendor ar	371,840	0	371,840	371,840	0	0	1.00	0.00	0.00
DISBURSTMENT OF SCHALORSHIPS		3,724,240	0	3,724,240	3,724,240	0	0	1.00	0.00	0.00
V&D1	Receiving cards from Admin and F	139,440	0	139,440	139,440	0	0	1.00	0.00	0.00
V&D1	Printing of Certificate and other Sc	432,400	0	432,400	432,400	0	0	1.00	0.00	0.00
V&D1	Verification of Dispatch list and for	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
V&D1	Receiving of dispatch list from adr	129,840	0	129,840	129,840	0	0	1.00	0.00	0.00
V&D1	Prepare UMS list of remaining Let	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
V&D1	Enter UMS list into Database	172,960	0	172,960	172,960	0	0	1.00	0.00	0.00
V&D1	Intimation Letter to students after	249,840	0	249,840	249,840	0	0	1.00	0.00	0.00
V&D1	Intimation SMS to students after d	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
V&D1	Follow up - SMS	88,160	0	88,160	88,160	0	0	1.00	0.00	0.00
V&D1	Sorting and Filing of Acknowledgt	216,400	0	216,400	216,400	0	0	1.00	0.00	0.00
V&D1	Data Entry of acknowledgement S	582,960	0	582,960	582,960	0	0	1.00	0.00	0.00
V&D1	Verification of acknowledgement s	499,680	0	499,680	499,680	0	0	1.00	0.00	0.00
V&D1	Follow up from Students for Missii	86,560	0	86,560	86,560	0	0	1.00	0.00	0.00
V&D1	Follow up for Missing acknowledg	92,960	0	92,960	92,960	0	0	1.00	0.00	0.00
V&D1	Dispatch of not Responding Letter	92,960	0	92,960	92,960	0	0	1.00	0.00	0.00
V&D1	Dispatch of not responding letters	139,440	0	139,440	139,440	0	0	1.00	0.00	0.00
V&D1	Dispatch of not Responding Letter	88,160	0	88,160	88,160	0	0	1.00	0.00	0.00
V&D1	District wise Filing of acknowledge	220,400	0	220,400	220,400	0	0	1.00	0.00	0.00
V&D1	Maintain the files of quuries, dispa	232,400	0	232,400	232,400	0	0	1.00	0.00	0.00
V&D1	Completion of 2016-2017 PEEF S	0	0	0	0	0	0	0.00	0.00	0.00



TASK filter: All Activities

Units/Manhour S-Curve

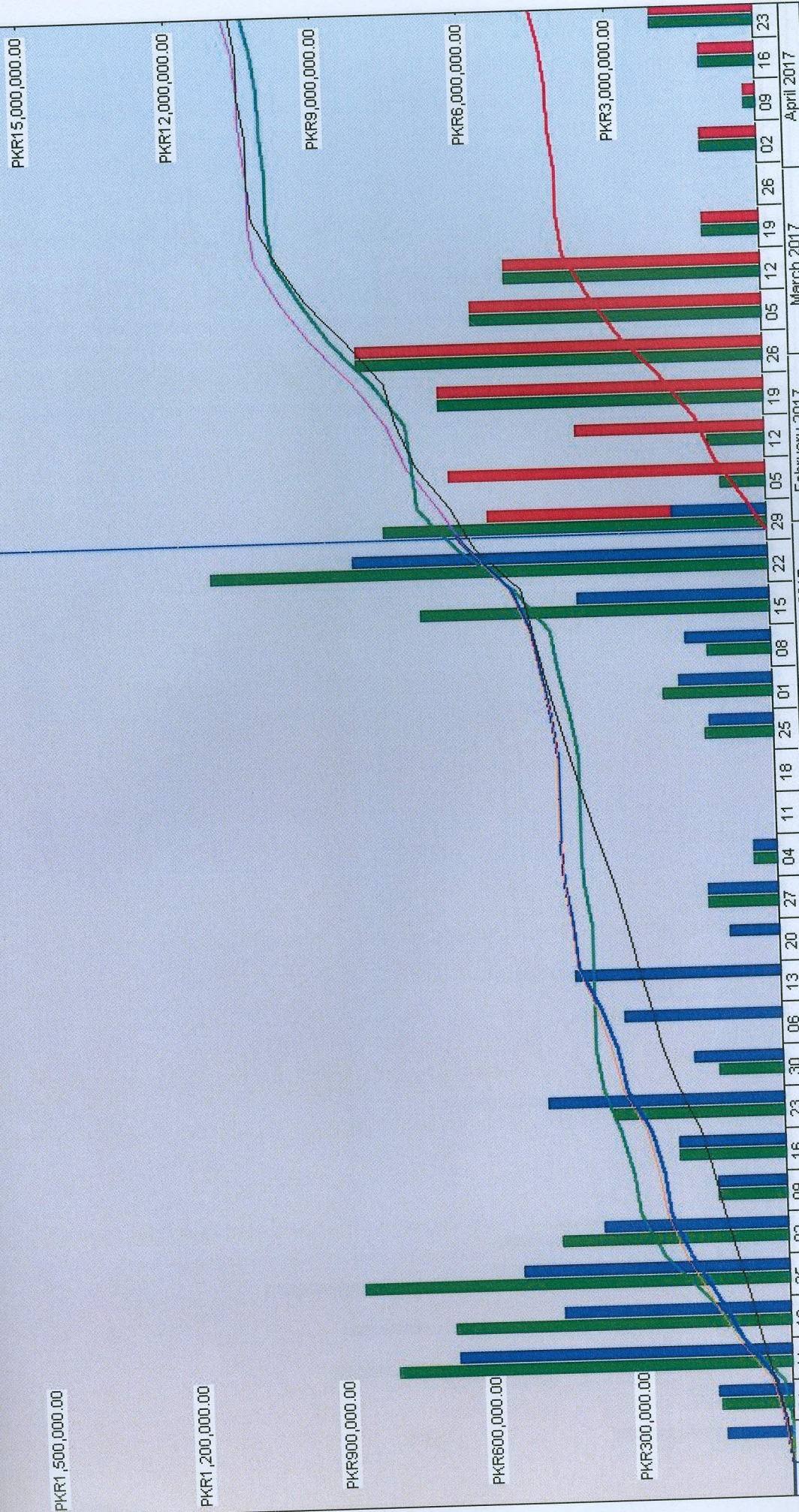


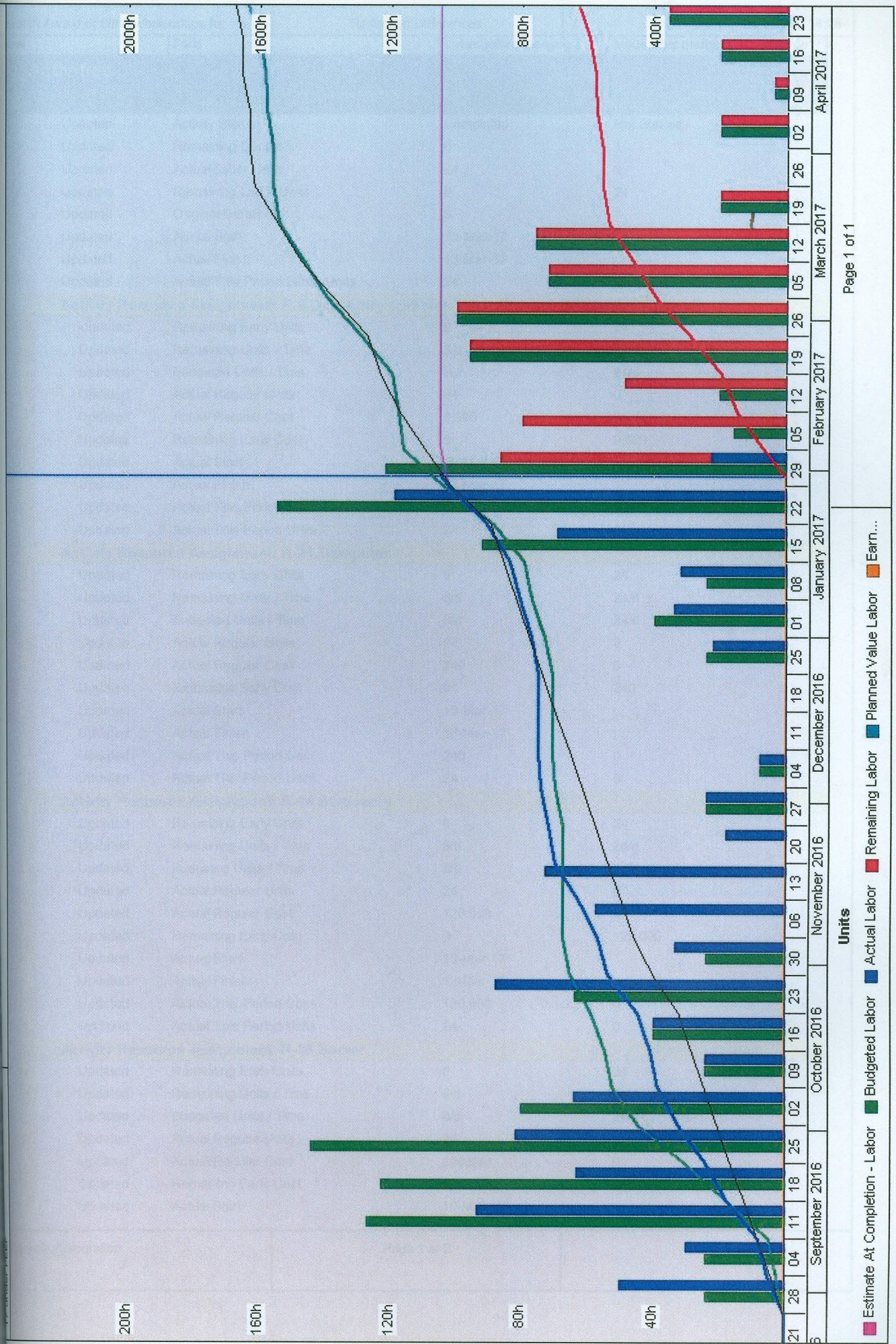
Activity ID	Activity Name	Actual Start	Actual Finish	BL1 Start	BL1 Finish	Performance % Complete	Schedule % Complete	Cost Performance Index	Schedule Performance Index
Award of 50K Scholarships for 2016-17 undr.									
SELECTION OF STUDENTS (PCI Secti									
		22-Aug-16	05-Dec-16	22-Aug-16	28-Apr-17	57.91%	55.61%	1.00	1.04
PCI001 Orientation and Planning Meet									
		22-Aug-16		22-Aug-16	05-Dec-16	100%	100%	1.00	1.00
PCI003 Orientation and planning Meet									
		22-Aug-16		22-Aug-16		100%	100%	0.00	0.00
PCI006 Orientation and planning Meet									
		31-Aug-16	02-Sep-16	31-Aug-16	02-Sep-16	100%	100%	0.92	1.00
PCI009 Letter to Special Education, P									
		03-Sep-16	05-Sep-16	05-Sep-16	07-Sep-16	100%	100%	1.07	1.00
PCI13 Collection of Data from PEC/E									
		05-Sep-16	12-Sep-16	08-Sep-16	14-Sep-16	100%	100%	1.56	1.00
PCI17 Sortig of Soft data division wise									
		13-Sep-16	15-Sep-16	13-Sep-16	14-Sep-16	100%	100%	1.00	1.00
PCI21 Sortig of Soft Data District and									
		15-Sep-16	22-Sep-16	12-Sep-16	20-Sep-16	100%	100%	1.33	1.00
PCI25 Data Import into Database									
		21-Sep-16	26-Sep-16	21-Sep-16	26-Sep-16	100%	100%	1.11	1.00
PCI29 Short listig of students									
		26-Sep-16	30-Sep-16	26-Sep-16	28-Sep-16	100%	100%	0.80	1.00
PCI33 Seding application form to stur									
		03-Oct-16	12-Oct-16	03-Oct-16	12-Oct-16	100%	100%	1.00	1.00
PCI37 Receiving and sorting of applic									
		17-Oct-16	26-Oct-16	17-Oct-16	26-Oct-16	100%	100%	1.00	1.00
PCI41 First phase of data entry									
		24-Oct-16	27-Oct-16	24-Oct-16	02-Nov-16	100%	100%	1.00	1.00
PCI45 2nd Phase of data entery and									
		31-Oct-16	11-Nov-16	23-Sep-16	04-Oct-16	100%	100%	1.00	1.00
PCI49 Verification of Data Entry									
		09-Nov-16	22-Nov-16	12-Sep-16	23-Sep-16	100%	100%	0.85	1.00
PCI53 Final checks of Student's Doc									
		14-Nov-16	16-Nov-16	26-Sep-16	28-Sep-16	100%	100%	0.86	1.00
PCI57 Follow up of Missing Credentit									
		12-Sep-16	14-Sep-16	12-Sep-16	14-Sep-16	100%	100%	1.00	1.00
PCI61 Preparation of Merit									
		15-Sep-16	19-Sep-16	15-Sep-16	19-Sep-16	100%	100%	1.00	1.00
PCI65 Merit checks by Authority									
		30-Nov-16	01-Dec-16	30-Nov-16	01-Dec-16	100%	100%	1.00	1.00
PCI69 Forward merit list to M&E									
		02-Dec-16	05-Dec-16	02-Dec-16	05-Dec-16	100%	100%	1.00	1.00
PCI73 Completion of PCI Section Wc									
		26-Sep-16	26-Sep-16	26-Sep-16	26-Sep-16	100%	100%	1.00	1.00
VERIFICATION OF STUDENTS (M&E D									
		12-Sep-16	28-Sep-16	12-Sep-16	28-Sep-16	100%	100%	1.00	1.00
ME001 Collection Data from PCI secti									
		12-Sep-16	13-Sep-16	12-Sep-16	13-Sep-16	100%	100%	1.00	1.00
ME005 Make Sample from Data for V									
		14-Sep-16	15-Sep-16	14-Sep-16	15-Sep-16	100%	100%	1.00	1.00
ME009 Verify the Students Credentials									
		16-Sep-16	27-Sep-16	16-Sep-16	27-Sep-16	100%	100%	1.00	1.00
ME013 Send final Student list to the V									
		28-Sep-16	28-Sep-16	28-Sep-16	28-Sep-16	100%	100%	1.00	1.00
RE-VERIFICATION OF STUDENTS (V&I									
		29-Sep-16	23-Jan-17	29-Sep-16	24-Jan-17	100%	100%	1.00	1.00
VD001 Collection of Data from M&E									
		29-Sep-16	30-Sep-16	29-Sep-16	30-Sep-16	100%	100%	1.00	1.00
VD005 Verification of Final Meritlist									
		03-Oct-16	05-Oct-16	03-Oct-16	05-Oct-16	100%	100%	1.00	1.00
VD009 20% Hardform Verification									
		24-Dec-16	06-Jan-17	28-Dec-16	03-Jan-17	100%	100%	1.00	1.00
VD013 Prepared soft memo for Finan									
		02-Jan-17	04-Jan-17	04-Jan-17	05-Jan-17	100%	100%	1.00	1.00
VD017 Prepared soft memo for Admin									
		07-Jan-17	13-Jan-17	06-Jan-17	09-Jan-17	100%	100%	1.00	1.00
VD021 Preparation of Hard Copy for /									
		10-Jan-17	14-Jan-17	10-Jan-17	11-Jan-17	100%	100%	1.00	1.00

Activity ID	Activity Name	Actual Start	Actual Finish	BLT Start	BLT Finish	Performance % Complete	Schedule % Complete	Performance Index	Cost Index	Schedule Performance Index
VD025	Preparation of Hard Copy for Fi	19-Jan-17	23-Jan-17	18-Jan-17	20-Jan-17	100%	100%	1.00	1.00	1.00
VD029	Send Data to Finance and Adr	17-Jan-17	22-Jan-17	20-Jan-17	24-Jan-17	100%	100%	1.00	1.00	1.00
PREPARATION OF SCHALORSHIP CAF										
AD001	Verify the Data receive from Vi	24-Jan-17	26-Jan-17	24-Jan-17	26-Jan-17	100%	27.2%	1.00	1.00	0.92
AD005	Sending Data to BOP for Pin C	23-Jan-17	28-Jan-17	26-Jan-17	31-Jan-17	100%	100%	1.00	1.00	1.00
AD009	Collection of Pincodes from B	28-Jan-17		31-Jan-17	07-Feb-17	10%	20%	1.00	1.00	0.50
AD013	Verification of Pin Codes and S	16-Jan-17		16-Jan-17	25-Jan-17	0%	0%	0.00	0.00	0.00
PREPARATION OF PIN CODES (ADMIN)										
FD001	Receiving Data from V&D	24-Jan-17	26-Jan-17	24-Jan-17	26-Jan-17	100%	54.04%	1.00	1.00	1.98
FD005	Verification of the Data	24-Jan-17		26-Jan-17	02-Feb-17	13%	80%	1.00	1.00	0.16
FD009	Sending data for Students e.C	16-Jan-17	25-Jan-17	16-Jan-17	25-Jan-17	100%	0%	1.00	1.00	0.00
FD013	Receiving e.Cards from Vendc	25-Jan-17		25-Jan-17	06-Feb-17	27.99%	0%	1.00	1.00	0.00
DISBURSTMENT OF SCHALORSHIPS										
V&D0	Receiving cards from Admin a	24-Jan-17		24-Jan-17	28-Apr-17	11.61%	11.61%	1.00	1.00	1.00
V&D0	Printing of Certificate and othe	24-Jan-17	31-Jan-17	15-Feb-17	20-Feb-17	0%	0%	0.00	0.00	0.00
V&D0	Verification of Dispatch list anc			20-Feb-17	31-Jan-17	100%	100%	1.00	1.00	1.00
V&D0	Receiving of dispatch list from			22-Feb-17	22-Feb-17	0%	0%	0.00	0.00	0.00
V&D0	Prepare UMS list of remaining			27-Feb-17	27-Feb-17	0%	0%	0.00	0.00	0.00
V&D0	Enter UMS list into Database			01-Mar-17	01-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Intimation Letter to students a			10-Mar-17	03-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Intimation SMS to students aft			14-Mar-17	15-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Follow up - SMS			16-Mar-17	16-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Sorting and Filling of Acknowl			21-Feb-17	20-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Data Entry of acknowledgedme			21-Feb-17	28-Feb-17	0%	0%	0.00	0.00	0.00
V&D0	Verification of acknowledgedme			02-Mar-17	02-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Follow up from Students for M			10-Mar-17	10-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Follow up for Missing acknowl			14-Mar-17	14-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Dispatch of not Responding L			20-Mar-17	16-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Dispatch of not responding let			05-Apr-17	22-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Dispatch of not Responding L			19-Apr-17	10-Apr-17	0%	0%	0.00	0.00	0.00
V&D0	District wise Filing of acknowle			02-Mar-17	21-Apr-17	0%	0%	0.00	0.00	0.00
V&D0	Maintain the files of quuries, di			21-Apr-17	09-Mar-17	0%	0%	0.00	0.00	0.00
V&D0	Completion of 2016-2017 PEE				28-Apr-17	0%	0%	0.00	0.00	0.00

Activity ID	Actual Total Cost	Budgeted Total Cost	Remaining Total Cost	Budget At Completion	Performance Today	Cost	Earned Value Cost	Planned Value Cost	Variance At Completion	Estimate To Complete	Estimate At Completion Cost
Award of 5C	PKR6,286,897.83	PKR10,466,016.00	PKR4,576,292.17	PKR10,872,480.00	1.00	PKR6,296,187.83	PKR6,045,680.00	PKR9,290.00	PKR9,290.00	PKR4,576,292.17	PKR10,863,190.00
SELECT	PKR3,397,990.00	PKR3,000,816.00	PKR0.00	PKR3,407,280.00	1.00	PKR3,407,280.00	PKR3,407,280.00	PKR9,290.00	PKR9,290.00	PKR0.00	PKR3,397,990.00
PC1001	PKR0.00	PKR0.00	PKR0.00	PKR0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00
PC1003	PKR260.00	PKR240.00	PKR0.00	PKR240.00	0.92	PKR240.00	PKR240.00	(PKR20.00)	(PKR20.00)	PKR0.00	PKR260.00
PC1006	PKR135,200.00	PKR144,240.00	PKR0.00	PKR144,240.00	1.07	PKR144,240.00	PKR144,240.00	PKR9,040.00	PKR9,040.00	PKR0.00	PKR135,200.00
PC109	PKR149,290.00	PKR0.00	PKR0.00	PKR232,400.00	1.56	PKR232,400.00	PKR232,400.00	PKR83,110.00	PKR83,110.00	PKR0.00	PKR149,290.00
PC117	PKR97,890.00	PKR51,936.00	PKR0.00	PKR129,840.00	1.33	PKR129,840.00	PKR129,840.00	PKR31,950.00	PKR31,950.00	PKR0.00	PKR97,890.00
PC145	PKR506,900.00	PKR432,800.00	PKR0.00	PKR432,800.00	0.85	PKR432,800.00	PKR432,800.00	(PKR74,100.00)	(PKR74,100.00)	PKR0.00	PKR506,900.00
PC153	PKR139,440.00	PKR139,440.00	PKR0.00	PKR139,440.00	1.00	PKR139,440.00	PKR139,440.00	PKR0.00	PKR0.00	PKR0.00	PKR139,440.00
PC113	PKR96,250.00	PKR0.00	PKR0.00	PKR96,160.00	1.00	PKR96,160.00	PKR96,160.00	(PKR90.00)	(PKR90.00)	PKR0.00	PKR96,250.00
PC157	PKR129,840.00	PKR129,840.00	PKR0.00	PKR129,840.00	1.00	PKR129,840.00	PKR129,840.00	PKR0.00	PKR0.00	PKR0.00	PKR129,840.00
PC173	PKR0.00	PKR0.00	PKR0.00	PKR0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00
PC121	PKR155,700.00	PKR173,120.00	PKR0.00	PKR173,120.00	1.11	PKR173,120.00	PKR173,120.00	PKR17,420.00	PKR17,420.00	PKR0.00	PKR155,700.00
PC141	PKR346,240.00	PKR346,240.00	PKR0.00	PKR346,240.00	1.00	PKR346,240.00	PKR346,240.00	PKR0.00	PKR0.00	PKR0.00	PKR346,240.00
PC125	PKR174,200.00	PKR139,440.00	PKR0.00	PKR139,440.00	0.80	PKR139,440.00	PKR139,440.00	(PKR34,760.00)	(PKR34,760.00)	PKR0.00	PKR174,200.00
PC149	PKR162,700.00	PKR139,440.00	PKR0.00	PKR139,440.00	0.86	PKR139,440.00	PKR139,440.00	(PKR23,260.00)	(PKR23,260.00)	PKR0.00	PKR162,700.00
PC169	PKR48,080.00	PKR48,080.00	PKR0.00	PKR48,080.00	1.00	PKR48,080.00	PKR48,080.00	PKR0.00	PKR0.00	PKR0.00	PKR48,080.00
PC129	PKR373,120.00	PKR373,120.00	PKR0.00	PKR373,120.00	1.00	PKR373,120.00	PKR373,120.00	PKR0.00	PKR0.00	PKR0.00	PKR373,120.00
PC133	PKR346,240.00	PKR346,240.00	PKR0.00	PKR346,240.00	1.00	PKR346,240.00	PKR346,240.00	PKR0.00	PKR0.00	PKR0.00	PKR346,240.00
PC137	PKR347,520.00	PKR347,520.00	PKR0.00	PKR347,520.00	1.00	PKR347,520.00	PKR347,520.00	PKR0.00	PKR0.00	PKR0.00	PKR347,520.00
PC161	PKR92,960.00	PKR92,960.00	PKR0.00	PKR92,960.00	1.00	PKR92,960.00	PKR92,960.00	PKR0.00	PKR0.00	PKR0.00	PKR92,960.00
PC165	PKR96,160.00	PKR96,160.00	PKR0.00	PKR96,160.00	1.00	PKR96,160.00	PKR96,160.00	PKR0.00	PKR0.00	PKR0.00	PKR96,160.00
VERIFIC	PKR730,640.00	PKR730,640.00	PKR0.00	PKR730,640.00	1.00	PKR730,640.00	PKR730,640.00	PKR0.00	PKR0.00	PKR0.00	PKR730,640.00
ME001	PKR96,160.00	PKR96,160.00	PKR0.00	PKR96,160.00	1.00	PKR96,160.00	PKR96,160.00	PKR0.00	PKR0.00	PKR0.00	PKR96,160.00
ME005	PKR176,160.00	PKR176,160.00	PKR0.00	PKR176,160.00	1.00	PKR176,160.00	PKR176,160.00	PKR0.00	PKR0.00	PKR0.00	PKR176,160.00
ME009	PKR371,840.00	PKR371,840.00	PKR0.00	PKR371,840.00	1.00	PKR371,840.00	PKR371,840.00	PKR0.00	PKR0.00	PKR0.00	PKR371,840.00
ME013	PKR86,480.00	PKR86,480.00	PKR0.00	PKR86,480.00	1.00	PKR86,480.00	PKR86,480.00	PKR0.00	PKR0.00	PKR0.00	PKR86,480.00
RE-VERI	PKR900,800.00	PKR900,800.00	PKR0.00	PKR900,800.00	1.00	PKR900,800.00	PKR900,800.00	PKR0.00	PKR0.00	PKR0.00	PKR900,800.00
VD001	PKR96,160.00	PKR96,160.00	PKR0.00	PKR96,160.00	1.00	PKR96,160.00	PKR96,160.00	PKR0.00	PKR0.00	PKR0.00	PKR96,160.00
VD005	PKR139,440.00	PKR139,440.00	PKR0.00	PKR139,440.00	1.00	PKR139,440.00	PKR139,440.00	PKR0.00	PKR0.00	PKR0.00	PKR139,440.00
VD009	PKR232,400.00	PKR232,400.00	PKR0.00	PKR232,400.00	1.00	PKR232,400.00	PKR232,400.00	PKR0.00	PKR0.00	PKR0.00	PKR232,400.00
VD013	PKR86,560.00	PKR86,560.00	PKR0.00	PKR86,560.00	1.00	PKR86,560.00	PKR86,560.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00
VD017	PKR86,560.00	PKR86,560.00	PKR0.00	PKR86,560.00	1.00	PKR86,560.00	PKR86,560.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00
VD021	PKR86,560.00	PKR86,560.00	PKR0.00	PKR86,560.00	1.00	PKR86,560.00	PKR86,560.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00

Activity ID	Actual Total Cost	Budgeted Total Cost	Remaining Total Cost	Budget At Completion	Performance Index	Cost Index	Earned Value Cost	Planned Value Cost	Variance At Completion	Estimate To Complete	Estimate At Completion Cost
VD025	PKR86,560.00	PKR86,560.00	PKR0.00	PKR86,560.00	1.00	1.00	PKR86,560.00	PKR86,560.00	PKR0.00	PKR0.00	PKR86,560.00
VD029	PKR86,560.00	PKR86,560.00	PKR0.00	PKR86,560.00	1.00	1.00	PKR86,560.00	PKR86,560.00	PKR0.00	PKR0.00	PKR86,560.00
PREPAR	PKR272,440.00	PKR1,086,960.00	PKR814,520.00	PKR1,086,960.00	1.00	1.00	PKR272,440.00	PKR295,680.00	PKR0.00	PKR814,520.00	PKR1,086,960.00
AD013	PKR0.00	PKR605,360.00	PKR605,360.00	PKR605,360.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR605,360.00	PKR605,360.00
AD001	PKR92,960.00	PKR92,960.00	PKR0.00	PKR92,960.00	1.00	1.00	PKR92,960.00	PKR92,960.00	PKR0.00	PKR0.00	PKR92,960.00
AD005	PKR156,240.00	PKR156,240.00	PKR0.00	PKR156,240.00	1.00	1.00	PKR156,240.00	PKR156,240.00	PKR0.00	PKR0.00	PKR156,240.00
AD009	PKR23,240.00	PKR232,400.00	PKR209,160.00	PKR232,400.00	1.00	1.00	PKR23,240.00	PKR46,480.00	PKR0.00	PKR209,160.00	PKR232,400.00
PREPAR	PKR552,627.83	PKR1,022,560.00	PKR469,932.17	PKR1,022,560.00	1.00	1.00	PKR552,627.83	PKR278,880.00	PKR0.00	PKR469,932.17	PKR1,022,560.00
FD009	PKR325,360.00	PKR325,360.00	PKR0.00	PKR325,360.00	1.00	1.00	PKR325,360.00	PKR0.00	PKR0.00	PKR0.00	PKR325,360.00
FD001	PKR92,960.00	PKR92,960.00	PKR0.00	PKR92,960.00	1.00	1.00	PKR92,960.00	PKR92,960.00	PKR0.00	PKR0.00	PKR92,960.00
FD013	PKR104,095.83	PKR371,840.00	PKR267,744.17	PKR371,840.00	1.00	1.00	PKR104,095.83	PKR0.00	PKR0.00	PKR267,744.17	PKR371,840.00
FD005	PKR30,212.00	PKR232,400.00	PKR202,188.00	PKR232,400.00	1.00	1.00	PKR30,212.00	PKR185,920.00	PKR0.00	PKR202,188.00	PKR232,400.00
DISBUR:	PKR432,400.00	PKR3,724,240.00	PKR3,291,840.00	PKR3,724,240.00	1.00	1.00	PKR432,400.00	PKR432,400.00	PKR0.00	PKR3,291,840.00	PKR3,724,240.00
V&D0	PKR432,400.00	PKR432,400.00	PKR0.00	PKR432,400.00	1.00	1.00	PKR432,400.00	PKR432,400.00	PKR0.00	PKR0.00	PKR432,400.00
V&D0	PKR0.00	PKR139,440.00	PKR139,440.00	PKR139,440.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR139,440.00	PKR139,440.00
V&D0	PKR0.00	PKR86,560.00	PKR86,560.00	PKR86,560.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00	PKR86,560.00
V&D0	PKR0.00	PKR216,400.00	PKR216,400.00	PKR216,400.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR216,400.00	PKR216,400.00
V&D0	PKR0.00	PKR582,960.00	PKR582,960.00	PKR582,960.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR582,960.00	PKR582,960.00
V&D0	PKR0.00	PKR129,840.00	PKR129,840.00	PKR129,840.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR129,840.00	PKR129,840.00
V&D0	PKR0.00	PKR86,560.00	PKR86,560.00	PKR86,560.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00	PKR86,560.00
V&D0	PKR0.00	PKR172,960.00	PKR172,960.00	PKR172,960.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR172,960.00	PKR172,960.00
V&D0	PKR0.00	PKR499,680.00	PKR499,680.00	PKR499,680.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR499,680.00	PKR499,680.00
V&D0	PKR0.00	PKR220,400.00	PKR220,400.00	PKR220,400.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR220,400.00	PKR220,400.00
V&D0	PKR0.00	PKR249,840.00	PKR249,840.00	PKR249,840.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR249,840.00	PKR249,840.00
V&D0	PKR0.00	PKR86,560.00	PKR86,560.00	PKR86,560.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00	PKR86,560.00
V&D0	PKR0.00	PKR86,560.00	PKR86,560.00	PKR86,560.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR86,560.00	PKR86,560.00
V&D0	PKR0.00	PKR92,960.00	PKR92,960.00	PKR92,960.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR92,960.00	PKR92,960.00
V&D0	PKR0.00	PKR88,160.00	PKR88,160.00	PKR88,160.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR88,160.00	PKR88,160.00
V&D0	PKR0.00	PKR92,960.00	PKR92,960.00	PKR92,960.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR92,960.00	PKR92,960.00
V&D0	PKR0.00	PKR139,440.00	PKR139,440.00	PKR139,440.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR139,440.00	PKR139,440.00
V&D0	PKR0.00	PKR88,160.00	PKR88,160.00	PKR88,160.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR88,160.00	PKR88,160.00
V&D0	PKR0.00	PKR232,400.00	PKR232,400.00	PKR232,400.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR232,400.00	PKR232,400.00
V&D0	PKR0.00	PKR0.00	PKR0.00	PKR0.00	0.00	0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00	PKR0.00





what iff Award of 50K Scholarships for		Reflection Differences		24-Jan-17 14:28	
Status	Field	Value before merging	Value after merging	Merge	

Activities

Activity: V&D025 / Intimation Letter to students after dispatch of 1st installment

Updated	Activity Status	Completed	Not Started
Updated	Remaining Duration	0	1
Updated	Actual Labor Units	24	0
Updated	Remaining Labor Units	0	24
Updated	Original Duration	3	1
Updated	Actual Start	10-Mar-17	
Updated	Actual Finish	13-Mar-17	
Updated	Actual This Period Labor Units	24	0

Activity Resource Assignment: R-9.Data entry opeator

Updated	Remaining Early Units	0	24
Updated	Remaining Units / Time	8/d	24/d
Updated	Budgeted Units / Time	8/d	24/d
Updated	Actual Regular Units	24	0
Updated	Actual Regular Cost	9,600	0
Updated	Remaining Early Cost	0	9,600
Updated	Actual Start	10-Mar-17	
Updated	Actual Finish	13-Mar-17	
Updated	Actual This Period Cost	9,600	0
Updated	Actual This Period Units	24	0

Activity Resource Assignment: R-21.Computer

Updated	Remaining Early Units	0	24
Updated	Remaining Units / Time	8/d	24/d
Updated	Budgeted Units / Time	8/d	24/d
Updated	Actual Regular Units	24	0
Updated	Actual Regular Cost	240	0
Updated	Remaining Early Cost	0	240
Updated	Actual Start	10-Mar-17	
Updated	Actual Finish	13-Mar-17	
Updated	Actual This Period Cost	240	0
Updated	Actual This Period Units	24	0

Activity Resource Assignment: R-24.Stationery

Updated	Remaining Early Units	0	24
Updated	Remaining Units / Time	8/d	24/d
Updated	Budgeted Units / Time	8/d	24/d
Updated	Actual Regular Units	24	0
Updated	Actual Regular Cost	120,000	0
Updated	Remaining Early Cost	0	120,000
Updated	Actual Start	10-Mar-17	
Updated	Actual Finish	13-Mar-17	
Updated	Actual This Period Cost	120,000	0
Updated	Actual This Period Units	24	0

Activity Resource Assignment: R-25.Server

Updated	Remaining Early Units	0	24
Updated	Remaining Units / Time	8/d	24/d
Updated	Budgeted Units / Time	8/d	24/d
Updated	Actual Regular Units	24	0
Updated	Actual Regular Cost	120,000	0
Updated	Remaining Early Cost	0	120,000
Updated	Actual Start	10-Mar-17	

what iff Award of 50K Scholarships for		Reflection Differences		24-Jan-17 14:28	
Status	Field	Value before merging	Value after merging	Merge	
Updated	Actual Finish	13-Mar-17			
Updated	Actual This Period Cost	120,000	0		
Updated	Actual This Period Units	24	0		
Activity: V&D033 / Follow up - SMS					
Updated	Activity Status	Completed	Not Started		
Updated	Remaining Duration	0	2		
Updated	Actual Labor Units	16	0		
Updated	Remaining Labor Units	0	16		
Updated	Actual Start	08-Mar-17			
Updated	Actual Finish	12-Mar-17			
Updated	Actual This Period Labor Units	16	0		
Activity Resource Assignment: R-20.Asst Record Keeper V&D					
Updated	Remaining Early Units	0	16		
Updated	Actual Regular Units	16	0		
Updated	Actual Regular Cost	8,000	0		
Updated	Remaining Early Cost	0	8,000		
Updated	Actual Start	08-Mar-17			
Updated	Actual Finish	12-Mar-17			
Updated	Actual This Period Cost	8,000	0		
Updated	Actual This Period Units	16	0		
Activity Resource Assignment: R-21.Computer					
Updated	Remaining Early Units	0	16		
Updated	Actual Regular Units	16	0		
Updated	Actual Regular Cost	160	0		
Updated	Remaining Early Cost	0	160		
Updated	Actual Start	08-Mar-17			
Updated	Actual Finish	12-Mar-17			
Updated	Actual This Period Cost	160	0		
Updated	Actual This Period Units	16	0		
Activity Resource Assignment: R-24.Stationery					
Updated	Remaining Early Units	0	16		
Updated	Actual Regular Units	16	0		
Updated	Actual Regular Cost	80,000	0		
Updated	Remaining Early Cost	0	80,000		
Updated	Actual Start	08-Mar-17			
Updated	Actual Finish	12-Mar-17			
Updated	Actual This Period Cost	80,000	0		
Updated	Actual This Period Units	16	0		

7 APPENDIX B: CBT LOG

NAME: HAFIZ MUHAMMAD USMAN ALI			ENROLLMENT: 03-298152-009			
NAME: MUHAMMAD USMAN TAHIR			ENROLLMENT: 03-298152-018			
Period: FROM 23 rd Oct 2016 TO 18 th Dec 2016						
Sr. No.	Date	Issues	Details/ Lesson Learnt	Status	Source	Remarks
1	23/10/2016	What is a constraint in primavera	Constrains in primavera is to fix the start or finish date as per following options: Project Must Finish by, Mandatory Start / Mandatory Finish, Start / Finish On or After, Start / Finish On or Before, Start / Finish On, Expected Finish	Cleared	Mr. Faisal Shahzad	
2	23/10/2016	What is the difference between free float, total float.	Free Float amount of time, an activity can be delayed without delaying the successor activity and Total Float amount of time, an activity can be delayed without delaying the project finish date.	Cleared	Mr. Faisal Shahzad	
3	30/10/2016	Layout not appear	Resolved by go to layout from menu bar select classic WBS layout	Cleared	Mr. Faisal Shahzad	
4	30/10/2016	Tasks bar not shown on screen	First go to view select tool bar and then click on directory	Cleared	Mr. Faisal Shahzad	
5	30/10/2016	Tasks bar not shown on screen	Resolved by go to view Trainer select tool bar and then click on directory	Cleared	Mr. Faisal Shahzad	
6	05/11/2016	Can we configure P6 as multiuser System	Generally P6 PPM use as a “standalone” but it is possible to configure multiple network PCs access a single server based database.	Cleared	Mr. Faisal Shahzad	PEEF office IT department
7	05/11/2016	Activities are unable	Making new project and enable activities	Cleared	Mr. Faisal Shahzad	
8	05/11/2016	How do I save files in Primavera P6?	Primavera automatically saves all data in the background	Cleared	Mr. Faisal Shahzad	

9	13/11/2016	Planned value of project is zero	Resolved by selecting resource dependent task	Cleared	Mr. Faisal Shahzad	
10	13/11/2016	what is the difference between longest path and critical path	CRITICAL PATH – is the longest continuous chain of activities (may be more than one path) which establishes the minimum overall project duration. The longest path is determined by the string of activities, relationships, and lags that push the project to its latest, early finish date. The longest path is calculated by first performing a CPM ‘forward pass’ to determine driving relationships and the project’s latest, early finish date	Cleared	Mr. Faisal Shahzad	
11	13/11/2016	How to add new Unit of Measure Primavera P6.	Admin > Admin Categories >Units of Measure > Add Edit the Unit Abbreviation and Unit Name > Close	Cleared	Mr. Faisal Shahzad	
12	13/11/2016	Descending and ascending of activities problem	Double click on task bar	Cleared	Mr. Faisal Shahzad	
13	27/11/2016	How to add the resources	The Project menu, click Properties. Select the Resources tab. On the Resource Designer toolbar, point to Add Resource, click the arrow, and then click the type of resource you want to create.	Cleared	Mr. Faisal Shahzad	
14	27/11/2016	How to change the Activity ID incremental detail like Activity ID Number?	Right click on Activity ID and we can change the incremental Value. Activity duration type is time or budget dependent while Activity measure type is unit based.	Cleared	Mr. Faisal Shahzad	
15	4/12/2016	HOW TO Create a FIXED work task	First insert the Type field into the Gantt chart view, >Enter the task name>Change the Type field to Fixed Work>Enter the Effort in the Work field>Enter the Resources and finally duration will be calculated by MS-Project.	Cleared	Mr. Faisal Shahzad	

16	4/12/2016	How to assign the Base line	Select the new task, click project-set baseline and then pick the baseline we want to update.	Cleared	Mr. Faisal Shahzad	
17	4/12/2016	How we can measure & compare the progress using primavera	Progress can be measured using EVM earned value management	Cleared	Mr. Faisal Shahzad	
18	11/12/2016	When we can use 0/100 Percent Complete in Earn value management?	This rule illustrates that once 100 percent of the task is completed, only then will the value be earned. An example of this is in testing or experimental tasks since you cannot get results until the task is completed.	Cleared	Mr. Faisal Shahzad	
19	11/12/2016	How to generate S curve from Primavera.	Fist Establish WBS., Adding activities, Activity codes, Activity sequencing, define resource dictionary, Assign activity resource and budgeted, save as a baseline schedule, Record the actual status when the actual works are done and schedule it based on report date. Then Open the Assignment window, Bring out the columns that you want to export to excel, Group/Organize the column data, Set the Timescale format and export the file	Cleared	Mr. Faisal Shahzad	
20	11/12/2016	how to print view of Gantt chart in primavera p6	Print Setup from the top drop down menu. From the list of available printers select Microsoft XPS Document Writer or Adobe PDF and display both the activities view and Gantt chart.	Cleared	Mr. Faisal Shahzad	

7.1 PEEF RESOURCES, MATERIAL & IT EQUIPMENT

RESOURCE		
Labor	Material	IT EQUIP
Manager scholarship	Human	
Manager scholarship	Human	
Asst.Manager	Human	
Officer of PCI	human, paper printer	computer & printer
Asst.Manager	Human	computer,email
Data entry opretor	Human	computer,excel
Data entry opretor	Human	computer,excel
Officer of PCI	Human	computer,database
Officer of PCI	Human	computer,database
Asst.record keeper	human, paper printer	computer & printer
Asst.record keeper	Human	scaner
Data entry opretor	Human	computer,database
Data entry opretor	Human	computer, scanner
Officer of PCI	Human	computer,database
Officer of PCI	Human	computer,database
Asst.record keeper	Human, telephone	
Officer of PCI	Human	computer,database

Manager of PCI	Human	computer,database
Manager of PCI	Human	computer, email
Manager monitoring	Human	computer, email
Manager monitoring	Human	statistical software
Officer monitoring	Human, forms	computer
Officer monitoring	Human	computer, email
Manager V&D	Human	computer, email
Officer V&D	Human	computer,database
Officer V&D	forms	
Data entry opretor	Human	computer,database
Data entry opretor	Human	computer,database
Data entry opretor	paper, printer	computer
Data entry opretor	paper, printer	computer
asst. record keeper	Human	computer
officer finance	Human	computer
CFO	Human	
officer finance	Human	
officer finance	Human	computer,database

officer admin	Human	computer, mail
officer admin	Human	computer
officer admin	Human	mail
officer admin	Human	
Officer V&D	Human	
Officer V&D	printer , plain certificates and paper	software
Data entry opretor	Human	
Data entry opretor	Human	scanner
Data entry opretor	Human	excel
Officer V&D	Human	computer,database
Data entry opretor	human, paper printer	computer,database
Data entry opretor	human, paper printer	Computer
Asst.Record keeper V&D	human, telephone	
Data entry opretor	human,fies,ack.sheets	
data entry operator	human	computer,database
data entry operator	human	computer,database
asst. record keeper	human, telephone	
officer V&D	human, telephone	
officer V&D	human,paper, printer	computer

officer V&D	human,paper, printer	computer
Asst.Record keeper V&D	human,paper, printer	computer
Asst.Record keeper V&D	human, files,acksheets	
Officer V&D	human, files,acksheets	

7.2 ACTIVITY ID & ACTIVITY NAME:

Activity ID	Activity Name
PEEF-SC Award of 50K Scholarships for 2016-17 under PEEF	
PEEF-SC.1 SELECTION OF STUDENTS (PCI Section)	
PCI001	Orientation and Planning Meeting with PEC/BISE
PCI003	Orientation and planning Meeting with EDO, DEO (SE)
PCI006	Orientation and planning Meeting with special Education
PCI09	Letter to Special Education, Participating Institutions, EDOs & DEOs (SE) for identification of SQ students
PCI13	Collection of Data from PEC/BISE
PCI17	Sortig of Soft data division wise
PCI21	Sortig of Soft Data District and Tehsil Wise
PCI25	Data Import into Database
PCI29	Short listig of students
PCI33	Seding application form to studets
PCI37	Receiving and sorting of application form

PCI41	First phase of data entry
PCI45	2nd Phase of data entry and Picture scanning
PCI49	Verification of Data Entry
PCI53	Final checks of Student's Documents
PCI57	Follow up of Missing Credentials
PCI61	Preparation of Merit
PCI65	Merit checks by Authority
PCI69	Forward merit list to M&E
PCI73	Completion of PCI Section Works
PEEF-SC.2 VERIFICATION OF STUDENTS (M&E DEPT)	
ME001	Collection Data from PCI section
ME005	Make Sample from Data for Verification
ME009	Verify the Students Credentials
ME013	Send final Student list to the V&D section
PEEF-SC.3 RE-VERIFICATION OF STUDENTS (V&D SECTION)	
VD001	Collection of Data from M&E
VD005	Verification of Final Meritlist
VD009	20% Hardform Verification
VD013	Prepared soft memo for Finance Dept
VD017	Prepared soft memo for Admin
VD021	Preparation of Hard Copy for Admin Verification
VD025	Preparation of Hard Copy for Finance Varification

VD029	Send Data to Finance and Admin
PEEF-SC.4 PREPARATION OF SCHALORSHIP CARDS (FINANCE)	
AD001	Verify the Data receive from V&D
AD005	Sending Data to BOP for Pin Codes
AD009	Collection of Pincodes from BOP
AD013	Verification of Pin Codes and Sending them to V&D
PEEF-SC.5 PREPARATION OF PIN CODES (ADMIN)	
FD001	Receiving Data from V&D
FD005	Verification of the Data
FD009	Sending data for Students e.Cards
FD013	Receiving e.Cards from Vendor and Sending to V&D
PEEF-SC.6 DISBURSTMENT OF SCHALORSHIPS	
V&D001	Receiving cards from Admin and Pin Code from Finance
V&D005	Printing of Certificate and other Schalorship Package
V&D009	Verification of Dispatch list and forwading to Admin
V&D013	Receiving of dispatch list from admin and enter OCS numuber into Database
V&D017	Prepare UMS list of remaining Letters
V&D021	Enter UMS list into Database
V&D025	Intimation Letter to students after dispatch of 1st installment
V&D029	Intimation SMS to students after dispatch of 1st Installement
V&D033	Follow up - SMS
V&D037	Sorting and Filling of Acknowledgement Sheets

V&D041	Data Entry of acknowledgement Sheets
V&D045	Verification of acknowledgement sheets
V&D049	Follow up from Students for Missing Credentials
V&D053	Follow up for Missing acknowledgement Sheets
V&D057	Dispatch of not Responding Letters to Students institution
V&D061	Dispatch of not responding letters to Students Home Address
V&D065	Dispatch of not Responding Letters to EDO of that division
V&D069	District wise Filing of acknowledgement sheets
V&D073	Maintain the files of qurries, dispatch lists and follow ups
V&D077	Completion of 2016-2017 PEEF Schalorship Project

7.3 ACTIVITY STATUS

task_code Activity ID	status_code Activity Status	wbs_id WBS Code	task_name Activity Name
PCI001	Completed	SC.1 PEEF-	Orientation and Planning Meeting with PEC/BISE
PCI003	Completed	SC.1 PEEF-	Orientation and planning Meeting with EDO, DEO (SE)
PCI006	Completed	SC.1 PEEF-	Orientation and planning Meeting with special Education
PCI09	Completed	SC.1 PEEF-	Letter to Special Education, Participating Institutions, EDOs & DEOs (SE) for identification students
PCI13	Completed	SC.1 PEEF-	Collection of Data from PEC/BISE
PCI17	Completed	SC.1 PEEF-	Sortig of Soft data division wise
PCI21	Completed	SC.1 PEEF-	Sortig of Soft Data District and Tehsil Wise
PCI25	Completed	SC.1 PEEF-	Data Import into Database
PCI29	Completed	SC.1 PEEF-	Short listig of students
PCI33	Completed	SC.1 PEEF-	Seding application form to studets
PCI37	Completed	SC.1	Receiving and sorting of application form

PCI41	Completed	PEEF-SC.1	First phase of data entry
PCI45	Completed	PEEF-SC.1	2nd Phase of data entry and Picture scanning
PCI49	Completed	PEEF-SC.1	Verification of Data Entry
PCI53	Completed	PEEF-SC.1	Final checks of Student's Documents
PCI57	Completed	PEEF-SC.1	Follow up of Missing Credentials
PCI61	Completed	PEEF-SC.1	Preparation of Merit
PCI65	Completed	PEEF-SC.1	Merit checks by Authority
PCI69	Completed	PEEF-SC.1	Forward merit list to M&E
ME001	Completed	PEEF-SC.2	Collection Data from PCI section
ME005	Completed	PEEF-SC.2	Make Sample from Data for Verification
ME009	Completed	PEEF-SC.2	Verify the Students Credentials
ME013	Completed	PEEF-SC.2	Send final Student list to the V&D section
VD001	Completed	PEEF-SC.3	Collection of Data from M&E
VD005	Completed	PEEF-SC.3	Verification of Final Meritlist
VD009	In Progress	PEEF-SC.3	20% Hardform Verification
VD013	In Progress	PEEF-SC.3	Prepared soft memo for Finance Dept
VD017	In Progress	PEEF-SC.3	Prepared soft memo for Admin
VD021	In Progress	PEEF-SC.3	Preparation of Hard Copy for Admin Verification
VD025	Not Started	PEEF-SC.3	Preparation of Hard Copy for Finance Verification
VD029	Not Started	PEEF-SC.3	Send Data to Finance and Admin
AD001	Not Started	PEEF-SC.4	Verify the Data receive from V&D
AD005	Not Started	PEEF-SC.4	Sending Data to BOP for Pin Codes
AD009	Not Started	PEEF-SC.4	Collection of Pincodes from BOP
AD013	Not Started	PEEF-SC.4	Verification of Pin Codes and Sending them to V&D
FD001	Not Started	PEEF-SC.5	Receiving Data from V&D
FD005	Not Started	PEEF-SC.5	Verification of the Data
FD009	Not Started	PEEF-SC.5	Sending data for Students e.Cards
FD013	Not Started	PEEF-SC.5	Receiving e.Cards from Vendor and Sending to V&D

V&D001	Not Started	PEEF-SC.6	Receiving cards from Admin and Pin Code from Finance
V&D005	Not Started	PEEF-SC.6	Printing of Certificate and other Scholarship Package
V&D009	Not Started	PEEF-SC.6	Verification of Dispatch list and forwarding to Admin
V&D013	Not Started	PEEF-SC.6	Receiving of dispatch list from admin and enter OCS number into Database
V&D017	Not Started	PEEF-SC.6	Prepare UMS list of remaining Letters
V&D021	Not Started	PEEF-SC.6	Enter UMS list into Database
V&D025	Not Started	PEEF-SC.6	Intimation Letter to students after dispatch of 1st installment
V&D029	Not Started	PEEF-SC.6	Intimation SMS to students after dispatch of 1st Installment
V&D033	Not Started	PEEF-SC.6	Follow up - SMS
V&D037	Not Started	PEEF-SC.6	Sorting and Filling of Acknowledgement Sheets
V&D041	Not Started	PEEF-SC.6	Data Entry of acknowledgement Sheets
V&D045	Not Started	PEEF-SC.6	Verification of acknowledgement sheets
V&D049	Not Started	PEEF-SC.6	Follow up from Students for Missing Credentials
V&D053	Not Started	PEEF-SC.6	Follow up for Missing acknowledgement Sheets
V&D057	Not Started	PEEF-SC.6	Dispatch of not Responding Letters to Students institution
V&D061	Not Started	PEEF-SC.6	Dispatch of not responding letters to Students Home Address
V&D065	Not Started	PEEF-SC.6	Dispatch of not Responding Letters to EDO of that division
V&D069	Not Started	PEEF-SC.6	District wise Filing of acknowledgement sheets
V&D073	Not Started	PEEF-SC.6	Maintain the files of queries, dispatch lists and follow ups
V&D077	Not Started	PEEF-SC.6	Completion of 2016-2017 PEEF Scholarship Project
PCI73	Completed	PEEF-SC.1	Completion of PCI Section Works

7.4 RESOURCES ID

task_id Activity ID	rsrc_id Resource ID	rsrc_type (*)Resource Type	start_date (*)Start	end_date (*)Finish	delete_record_flag Delete This Row
PCI003	R-6	Labor	8/31/2016 8:00:00 AM	9/2/2016	
PCI006	R-7	Labor	9/3/2016	9/5/2016	
PCI09	R-8	Labor	9/5/2016	9/12/2016	
PCI13	R-7	Labor	9/13/2016 8:00:00 AM	9/15/2016 4:00:00 PM	
PCI17	R-9	Labor	9/15/2016	9/22/2016 4:00:00 PM	
PCI21	R-9	Labor	9/21/2016 8:00:00 AM	9/26/2016 4:00:00 PM	
PCI25	R-8	Labor	9/26/2016 8:00:00 AM	9/30/2016 4:00:00 PM	
PCI29	R-8	Labor	10/3/2016 8:00:00 AM	10/12/2016 4:00:00 PM	
PCI33	R-10	Labor	10/17/2016 8:00:00 AM	10/21/2016 4:00:00 PM	
PCI37	R-10	Labor	10/24/2016 8:00:00 AM	11/4/2016	
PCI41	R-9	Labor	10/31/2016	11/9/2016 4:00:00 PM	
PCI45	R-9	Labor	11/9/2016	11/22/2016 4:00:00 PM	
PCI49	R-8	Labor	11/14/2016	11/16/2016 4:00:00 PM	
PCI53	R-8	Labor	11/17/2016	11/22/2016	
PCI57	R-10	Labor	11/21/2016	11/25/2016 4:00:00 PM	
PCI61	R-8	Labor	11/30/2016 8:00:00 AM	12/1/2016 4:00:00 PM	
PCI65	R-11	Labor	12/2/2016 8:00:00 AM	12/10/2016	
PCI69	R-11	Labor	12/10/2016	12/15/2016	
ME001	R-12	Labor	12/17/2016	12/19/2016 4:00:00 PM	
ME005	R-12	Labor	12/19/2016	12/20/2016 4:00:00 PM	
ME009	R-13	Labor	12/20/2016	12/23/2016	
ME013	R-13	Labor	12/23/2016	12/25/2016	
VD001	R-14	Labor	12/26/2016	12/27/2016	
VD005	R-15	Labor	12/28/2016	12/30/2016	
VD009	R-15	Labor	12/31/2016	1/12/2017 4:00:00 PM	
VD013	R-9	Labor	1/2/2017	1/13/2017 4:00:00 PM	
VD017	R-9	Labor	1/4/2017	1/17/2017 9:36:00 AM	
VD021	R-9	Labor	1/7/2017	1/18/2017 12:48:00 PM	
VD025	R-9	Labor	1/18/2017 12:48:00 PM	1/20/2017 12:48:00 PM	
VD029	R-10	Labor	1/20/2017 12:48:00 PM	1/24/2017 12:48:00 PM	
AD001	R-17	Labor	1/24/2017 12:48:00 PM	1/26/2017 12:48:00 PM	
AD005	R-19	Labor	1/26/2017 12:48:00 PM	1/31/2017 12:48:00 PM	
AD009	R-17	Labor	1/31/2017 12:48:00 PM	2/7/2017 12:48:00 PM	
AD013	R-17	Labor	2/7/2017 12:48:00 PM	2/16/2017 12:48:00 PM	

FD001	R-18	Labor	1/24/2017 12:48:00 PM	1/26/2017 12:48:00 PM
FD005	R-18	Labor	1/26/2017 12:48:00 PM	2/2/2017 12:48:00 PM
FD009	R-18	Labor	2/2/2017 12:48:00 PM	2/13/2017 12:48:00 PM
FD013	R-18	Labor	2/13/2017 12:48:00 PM	2/23/2017 12:48:00 PM
V&D001	R-15	Labor	2/23/2017 12:48:00 PM	2/28/2017 12:48:00 PM
V&D005	R-15	Labor	1/24/2017 12:48:00 PM	1/31/2017 12:48:00 PM
V&D009	R-9	Labor	2/28/2017 12:48:00 PM	3/2/2017 12:48:00 PM
V&D013	R-9	Labor	3/2/2017 12:48:00 PM	3/7/2017 12:48:00 PM
V&D017	R-9	Labor	3/7/2017 12:48:00 PM	3/9/2017 12:48:00 PM
V&D021	R-15	Labor	3/9/2017 12:48:00 PM	3/13/2017 12:48:00 PM
V&D025	R-9	Labor	3/20/2017 12:48:00 PM	3/23/2017 12:48:00 PM
V&D029	R-9	Labor	3/22/2017 12:48:00 PM	3/24/2017 12:48:00 PM
V&D033	R-20	Labor	3/24/2017 12:48:00 PM	3/28/2017 12:48:00 PM
V&D037	R-9	Labor	3/1/2017 12:48:00 PM	3/8/2017 12:48:00 PM
V&D041	R-9	Labor	3/1/2017 12:48:00 PM	3/10/2017 12:48:00 PM
V&D045	R-9	Labor	3/10/2017 12:48:00 PM	3/20/2017 12:48:00 PM
V&D049	R-10	Labor	3/20/2017 12:48:00 PM	3/22/2017 12:48:00 PM
V&D053	R-15	Labor	3/22/2017 12:48:00 PM	3/24/2017 12:48:00 PM
V&D057	R-15	Labor	3/28/2017 12:48:00 PM	3/30/2017 12:48:00 PM
V&D061	R-15	Labor	4/13/2017 12:48:00 PM	4/18/2017 12:48:00 PM
V&D065	R-20	Labor	4/27/2017 12:48:00 PM	5/1/2017 12:48:00 PM
V&D069	R-20	Labor	3/10/2017 12:48:00 PM	3/17/2017 12:48:00 PM
V&D073	R-15	Labor	5/1/2017 12:48:00 PM	5/8/2017 12:48:00 PM
PCI003	R-21	Material	8/31/2016 8:00:00 AM	9/2/2016
PCI006	R-21	Material	9/3/2016	9/5/2016
PCI09	R-21	Material	9/5/2016	9/12/2016
PCI13	R-21	Material	9/13/2016 8:00:00 AM	9/15/2016 4:00:00 PM
PCI17	R-21	Material	9/15/2016	9/22/2016 4:00:00 PM
PCI21	R-21	Material	9/21/2016 8:00:00 AM	9/26/2016 4:00:00 PM

PCI25	R-21	Material	9/26/2016 8:00:00 AM	9/30/2016 4:00:00 PM
PCI29	R-21	Material	10/3/2016 8:00:00 AM	10/12/2016 4:00:00 PM
PCI33	R-21	Material	10/17/2016 8:00:00 AM	10/21/2016 4:00:00 PM
PCI37	R-21	Material	10/24/2016 8:00:00 AM	11/4/2016
PCI41	R-21	Material	10/31/2016	11/9/2016 4:00:00 PM
PCI45	R-21	Material	11/9/2016	11/22/2016 4:00:00 PM
PCI49	R-21	Material	11/14/2016	11/16/2016 4:00:00 PM
PCI53	R-21	Material	11/17/2016	11/22/2016
PCI57	R-21	Material	11/21/2016	11/25/2016 4:00:00 PM
PCI61	R-21	Material	11/30/2016 8:00:00 AM	12/1/2016 4:00:00 PM
PCI65	R-21	Material	12/2/2016 8:00:00 AM	12/10/2016
PCI69	R-21	Material	12/10/2016	12/15/2016
ME001	R-21	Material	12/17/2016	12/19/2016 4:00:00 PM
ME005	R-21	Material	12/19/2016	12/20/2016 4:00:00 PM
ME009	R-21	Material	12/20/2016	12/23/2016
ME013	R-21	Material	12/23/2016	12/25/2016
VD001	R-21	Material	12/26/2016	12/27/2016
VD005	R-21	Material	12/28/2016	12/30/2016
VD009	R-21	Material	12/31/2016	1/12/2017 4:00:00 PM
VD013	R-21	Material	1/2/2017	1/13/2017 4:00:00 PM
VD017	R-21	Material	1/4/2017	1/17/2017 9:36:00 AM
VD021	R-21	Material	1/7/2017	1/18/2017 12:48:00 PM
VD025	R-21	Material	1/18/2017 12:48:00 PM	1/20/2017 12:48:00 PM
VD029	R-21	Material	1/20/2017 12:48:00 PM	1/24/2017 12:48:00 PM
AD001	R-21	Material	1/24/2017 12:48:00 PM	1/26/2017 12:48:00 PM
AD005	R-21	Material	1/26/2017 12:48:00 PM	1/31/2017 12:48:00 PM
AD009	R-21	Material	1/31/2017 12:48:00 PM	2/7/2017 12:48:00 PM
AD013	R-21	Material	2/7/2017 12:48:00 PM	2/16/2017 12:48:00 PM
FD001	R-21	Material	1/24/2017 12:48:00 PM	1/26/2017 12:48:00 PM
FD005	R-21	Material	1/26/2017 12:48:00 PM	2/2/2017 12:48:00 PM
FD009	R-21	Material	2/2/2017 12:48:00 PM	2/13/2017 12:48:00 PM
FD013	R-21	Material	2/13/2017 12:48:00 PM	2/23/2017 12:48:00 PM
V&D001	R-21	Material	2/23/2017 12:48:00 PM	2/28/2017 12:48:00 PM
V&D005	R-21	Material	1/24/2017 12:48:00 PM	1/31/2017 12:48:00 PM
V&D009	R-21	Material	2/28/2017 12:48:00 PM	3/2/2017 12:48:00 PM

V&D013	R-21	Material	3/2/2017 12:48:00 PM	3/7/2017 12:48:00 PM
V&D017	R-21	Material	3/7/2017 12:48:00 PM	3/9/2017 12:48:00 PM
V&D021	R-21	Material	3/9/2017 12:48:00 PM	3/13/2017 12:48:00 PM
V&D025	R-21	Material	3/20/2017 12:48:00 PM	3/23/2017 12:48:00 PM
V&D029	R-21	Material	3/22/2017 12:48:00 PM	3/24/2017 12:48:00 PM
V&D033	R-21	Material	3/24/2017 12:48:00 PM	3/28/2017 12:48:00 PM
V&D037	R-21	Material	3/1/2017 12:48:00 PM	3/8/2017 12:48:00 PM
V&D041	R-21	Material	3/1/2017 12:48:00 PM	3/10/2017 12:48:00 PM
V&D045	R-21	Material	3/10/2017 12:48:00 PM	3/20/2017 12:48:00 PM
V&D049	R-21	Material	3/20/2017 12:48:00 PM	3/22/2017 12:48:00 PM
V&D053	R-21	Material	3/22/2017 12:48:00 PM	3/24/2017 12:48:00 PM
V&D057	R-21	Material	3/28/2017 12:48:00 PM	3/30/2017 12:48:00 PM
V&D061	R-21	Material	4/13/2017 12:48:00 PM	4/18/2017 12:48:00 PM
V&D065	R-21	Material	4/27/2017 12:48:00 PM	5/1/2017 12:48:00 PM
V&D069	R-21	Material	3/10/2017 12:48:00 PM	3/17/2017 12:48:00 PM
V&D073	R-21	Material	5/1/2017 12:48:00 PM	5/8/2017 12:48:00 PM
PCI006	R-24	Material	9/3/2016	9/5/2016
PCI09	R-24	Material	9/5/2016	9/12/2016
PCI13	R-24	Material	9/13/2016 8:00:00 AM	9/15/2016 4:00:00 PM
PCI17	R-24	Material	9/15/2016	9/22/2016 4:00:00 PM
PCI21	R-24	Material	9/21/2016 8:00:00 AM	9/26/2016 4:00:00 PM
PCI25	R-24	Material	9/26/2016 8:00:00 AM	9/30/2016 4:00:00 PM
PCI29	R-24	Material	10/3/2016 8:00:00 AM	10/12/2016 4:00:00 PM
PCI33	R-24	Material	10/17/2016 8:00:00 AM	10/21/2016 4:00:00 PM
PCI37	R-24	Material	10/24/2016 8:00:00 AM	11/4/2016
PCI41	R-24	Material	10/31/2016	11/9/2016 4:00:00 PM
PCI45	R-24	Material	11/9/2016	11/22/2016 4:00:00 PM
PCI49	R-24	Material	11/14/2016	11/16/2016 4:00:00 PM
PCI53	R-24	Material	11/17/2016	11/22/2016
PCI57	R-24	Material	11/21/2016	11/25/2016 4:00:00 PM
PCI61	R-24	Material	11/30/2016 8:00:00 AM	12/1/2016 4:00:00 PM
PCI65	R-24	Material	12/2/2016 8:00:00 AM	12/10/2016

			AM	
PCI69	R-24	Material	12/10/2016	12/15/2016
ME001	R-24	Material	12/17/2016	12/19/2016 4:00:00 PM
ME005	R-24	Material	12/19/2016	12/20/2016 4:00:00 PM
ME009	R-24	Material	12/20/2016	12/23/2016
ME013	R-24	Material	12/23/2016	12/25/2016
VD001	R-24	Material	12/26/2016	12/27/2016
VD005	R-24	Material	12/28/2016	12/30/2016
VD009	R-24	Material	12/31/2016	1/12/2017 4:00:00 PM
VD013	R-24	Material	1/2/2017	1/13/2017 4:00:00 PM
VD017	R-24	Material	1/4/2017	1/17/2017 9:36:00 AM
VD021	R-24	Material	1/7/2017	1/18/2017 12:48:00 PM
			1/18/2017 12:48:00	
VD025	R-24	Material	PM	1/20/2017 12:48:00 PM
			1/20/2017 12:48:00	
VD029	R-24	Material	PM	1/24/2017 12:48:00 PM
			1/24/2017 12:48:00	
AD001	R-24	Material	PM	1/26/2017 12:48:00 PM
			1/26/2017 12:48:00	
AD005	R-24	Material	PM	1/31/2017 12:48:00 PM
			1/31/2017 12:48:00	
AD009	R-24	Material	PM	2/7/2017 12:48:00 PM
			2/7/2017 12:48:00	
AD013	R-24	Material	PM	2/16/2017 12:48:00 PM
			1/24/2017 12:48:00	
FD001	R-24	Material	PM	1/26/2017 12:48:00 PM
			1/26/2017 12:48:00	
FD005	R-24	Material	PM	2/2/2017 12:48:00 PM
			2/2/2017 12:48:00	
FD009	R-24	Material	PM	2/13/2017 12:48:00 PM
			2/13/2017 12:48:00	
FD013	R-24	Material	PM	2/23/2017 12:48:00 PM
			2/23/2017 12:48:00	
V&D001	R-24	Material	PM	2/28/2017 12:48:00 PM
			1/24/2017 12:48:00	
V&D005	R-24	Material	PM	1/31/2017 12:48:00 PM
			2/28/2017 12:48:00	
V&D009	R-24	Material	PM	3/2/2017 12:48:00 PM
			3/2/2017 12:48:00	
V&D013	R-24	Material	PM	3/7/2017 12:48:00 PM
			3/7/2017 12:48:00	
V&D017	R-24	Material	PM	3/9/2017 12:48:00 PM
			3/9/2017 12:48:00	
V&D021	R-24	Material	PM	3/13/2017 12:48:00 PM
			3/20/2017 12:48:00	
V&D025	R-24	Material	PM	3/23/2017 12:48:00 PM
			3/22/2017 12:48:00	
V&D029	R-24	Material	PM	3/24/2017 12:48:00 PM
			3/24/2017 12:48:00	
V&D033	R-24	Material	PM	3/28/2017 12:48:00 PM
			3/1/2017 12:48:00	
V&D037	R-24	Material	PM	3/8/2017 12:48:00 PM
			3/1/2017 12:48:00	
V&D041	R-24	Material	PM	3/10/2017 12:48:00 PM

V&D045	R-24	Material	3/10/2017 12:48:00 PM	3/20/2017 12:48:00 PM
V&D049	R-24	Material	3/20/2017 12:48:00 PM	3/22/2017 12:48:00 PM
V&D053	R-24	Material	3/22/2017 12:48:00 PM	3/24/2017 12:48:00 PM
V&D057	R-24	Material	3/28/2017 12:48:00 PM	3/30/2017 12:48:00 PM
V&D061	R-24	Material	4/13/2017 12:48:00 PM	4/18/2017 12:48:00 PM
V&D065	R-24	Material	4/27/2017 12:48:00 PM	5/1/2017 12:48:00 PM
V&D069	R-24	Material	3/10/2017 12:48:00 PM	3/17/2017 12:48:00 PM
V&D073	R-24	Material	5/1/2017 12:48:00 PM	5/8/2017 12:48:00 PM
PCI29	R-22	Material	10/3/2016 8:00:00 AM	10/12/2016 4:00:00 PM
PCI37	R-23	Material	10/24/2016 8:00:00 AM	11/4/2016
ME005	R-25	Material	12/19/2016	12/20/2016 4:00:00 PM
ME013	R-25	Material	12/23/2016	12/25/2016
AD013	R-25	Material	2/7/2017 12:48:00 PM	2/16/2017 12:48:00 PM
V&D005	R-25	Material	1/24/2017 12:48:00 PM	1/31/2017 12:48:00 PM
V&D021	R-25	Material	3/9/2017 12:48:00 PM	3/13/2017 12:48:00 PM
V&D025	R-25	Material	3/20/2017 12:48:00 PM	3/23/2017 12:48:00 PM
V&D041	R-25	Material	3/1/2017 12:48:00 PM	3/10/2017 12:48:00 PM
V&D045	R-25	Material	3/10/2017 12:48:00 PM	3/20/2017 12:48:00 PM

Usman Plagiarism Report

ORIGINALITY REPORT

%9	%9	%0	%3
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

MATCH ALL SOURCES (ONLY SELECTED SOURCE PRINTED)

2%
★ www.projectmagazine.com
Internet Source

EXCLUDE QUOTES	OFF	EXCLUDE MATCHES	< 1%
EXCLUDE BIBLIOGRAPHY	ON		


Library Officer
Bahria University
Lahore Campus (BUC)