Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Civil Engineering

Workshop Report on <u>Basics of Project Planning & Management using Primavera P6</u>

During from October 09, 2023, to October 13, 2023

Venue: Computer Lab, Ground Floor, Civil Block

Approval Letter of the workshop

Department of Civil Engineering, SKIT, Jaipur

Ref: SKIT/CE/2022-23/1300   Date: 05.06.2023

Sub: Schedule of proposed activities for Session 2023-24

S.No	Types of Event*	Title of Event	Mode of Conduction	Proposed Date	Name of Coordinator	Any Collaboration	Budget Required
1	Expert Talks (06 Nos)	Expert Talks by Renowned Academicians/Industry Experts	Offline	Sep. 2023 to May 2024	Mr Nishant Sachdeva, Dr Abhishek Jain	NA	25000
2	6 day student workshop for V & VII Sem students (Hands on training)	Structural Analysis and Design on ETABS	Offline	September 2023	Ankur Mishra & Dr. Sunita Tolani	NA	6000
3	5 day student workshop (Hands on training for V/VII sem)	Hands-on Primavera P6- Software Project Planning and Scheduling	Offline	September, 2023	Dr. Pooja Jain	NA	6000
4	5 day workshop for III sem students (Hands on training)	MS Excel Basic to Advance	Offline	September 2023	Dr. Pooja Jain	NA	6000
5	Survey camp (III Sem students)	Survey camp at Chandwagi for 3rd semester students	Field activity as per RTU curriculum	October 2023	Deepak Sharma and Anirudh Mathur	NA	Two buses for 10 days
6	5 day student workshop (Hands on training)	Structural Analysis and Design on Staad Pro Basic to Advance	Offline	October, 2023	Dr. Pooja Jain	NA	6000
7	5 day student workshop for V & VII Sem students (Hands on training)	Hands-on QGIS- Software	Offline	October/November 2023	Ankur Mishra	NA	6000
8	5 day student workshop for VII Sem students (Hands on training)	Mechanical and durability testing of construction products for 4th year students	Offline	October/ November 2023	Dr. Abhishek Jain & Dr. Rakesh Choudhary	NA	6000
9	5 day student workshop for VI sem students (Hands on training)	Mix design and testing of self compacting concrete	Offline	January 2024	Dr. Abhishek Jain & Dr. Rakesh Choudhary	NA	6000
10	5 day student workshop (VI Sem.)	Advanced Geotechnical Testing in Laboratory and Field	Offline	February, 2024	Dr. Pooja Gupta and Dr. Bharthi M.	NA	6000
11	International conference	Research Advancements in Sustainable Construction Materials	Online	March 2024	Dr. Kishan Lal Jain, Dr. Ankit Sharma, Mr. Nishant Sachdeva	ICI & IGBC	125000
12	5 day workshop students (Hands on training)	The concept of Vedic Maths	Offline	April 2024	Dr. Pooja Jain	NA	6000
13	Training programs by CoE	Training programs for external/internal students under COE-Transportation Engineering	Offline	August 2023 to May 2024	Anirudh Mathur	NA	25000
						Total	229000

Yes, approved
Minhesh
28/7/23

Yes permitted & forwarded to register/Director
28.7.23

Approved
21/8/2023

Rom 05.06.2023
HoD-CE

Brochure of the Event:

PROJECT MANAGEMENT

Did you know?

There are approximately 16.5 million project managers in the world but only 56% of project managers use PM software.

Venue
From 12:30– 2:30
At CAD lab
ground floor, Civil block

5 Reasons why you should join

Job opportunity
An estimated 234,883 project management jobs open each year in the US

Global contribution
The shortage of project managers could result in a $207.9 billion GDP loss by 2027

Demand
In just seven years, employers will need 87.7 million employees to work in the PM field.

Pay scale
US project managers earn an average base pay of $90,139 per year.

Need of certification
Those with a PMP certificate earn 23% more than those without.

About

Department of Civil Engineering is inviting you to a Project Planning Workshop that promises to be a valuable and enlightening experience for your academic and professional growth. As you progress in your studies, understanding the intricacies of project planning becomes increasingly important. This workshop, tailored specifically for 7th-semester civil engineering students, aims to equip you with essential skills and knowledge in project planning, scheduling, and management. Our expert facilitators will guide you through real-world scenarios, helping you grasp the nuances of project execution and control. Join us for engaging sessions that will undoubtedly enhance your understanding of project management in the field of civil engineering. Don't miss this opportunity to prepare yourself for the challenges and opportunities that lie ahead in your career. We look forward to seeing you there

"You can dream, create, design, and build the most wonderful place in the world. But it requires planning to make the dream a reality."

SKIT
Swami Keshvanand Instiute of Technology Management & Gramothan, Jaipur

Workshop on basics of Project Planning & Management
Using Primavera P6
October 09 - 13

Join Now
https://forms.gle/pVVDXYEQoX21p3QU7

Guest of Honour

PROMAC ADVISORS Pvt. Ltd.
PROJECT MANAGEMENT CONSULTANTS

Mr. Vinod Garg

He is the founder of PROMAC Advisors Private Limited – dedicated to Project Management Consultancy and Training.

He has done BE Civil in 1988 from MNIT Jaipur, M.TECH from IIT MUMBAI, MBA in Project Management in 2009, PMP in 2011 and PMI-SP in 2012.

After working in a PMC company from 1990-93 in Mumbai he moved to Jaipur and started his own company.

He has a vast experience of 30 years of working in the field of Infrastructure Projects and his experience is unique in the sense that he has not only worked as a consultant but also has executed a lot of Projects as a Contractor

He has been a trainer not only on Project Management but also trained people on Project Management software like Primavera and Microsoft Project.
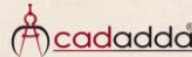
Special Appearance

cadadda

Mr.Bhupesh Kumar

He is the driving force behind CADADDA, a prominent institution that specializes in providing training in Computer-Aided Design (CAD) and Project Management. He is a dedicated professional with a strong educational foundation in mechanical engineering and production & industrial engineering.

Under his visionary leadership, CADADDA has made significant strides in the field of CAD education and project management training.

He holds a Diploma in Mechanical Engineering, equipping him with a strong foundation in mechanical principles & Bachelor of Engineering (BE) degree in Production & Industrial Engineering from M.B.M Engineering College, Jodhpur, Rajasthan, has provided him with advanced knowledge in production processes and industrial systems.

CADADDA has successfully trained over 5,000 students in the fields of CAD and project management.

Workshop includes

- Industrial Exposure
- Software Learning (Primavera P6)
- Basics of Project management
- Software related Activities & Tasks

WhatsApp Group Link
https://chat.whatsapp.com/FoTwHRiQfRDAnS5Wstxzns

Faculty Coordinator

Dr. Pooja Jain
Associate Professor
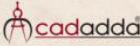
Student Coordinator

Aman Jain
8696000236

Ajay Kumar Meena
9724838544

- Seats are limited candidates will be selected on the basis of early 25.
- 80% Attendence is mandatory

PROGRAM SCHEDULE

DAY	TIME	TOPIC	EXPERT
Day 1 (09.10.2023) Monday	12:30 PM-02:30 PM (J.C. Bose auditorium , SKIT ,Jaipur)	Inaugral	Mr. Vinod Garg — PROMAC
		Basics of project management & Industrial need	
Day 2 (10.10.2023) Tuesday	12:30 PM-02:30 PM (CAD Lab , SKIT Jaipur)	Introduction to project life cycle, basics of project schedulling & earned value analysis	Dr. Pooja Jain — SKIT
Day 3 (11.10.2023) Wednesday	12:30 PM-02:30 PM (J.C. Bose auditorium , SKIT ,Jaipur)	Expert talk on Primavera P6 software	Mr.Bhupesh Kumar — cadadda
Day 4 (12.10.2023) Thursday	12:30 PM-02:30 PM (CAD Lab , SKIT Jaipur)	Software learning (Primavera P6)	Dr. Pooja Jain — SKIT
Day5 (13.10.2023) Friday	12:30 PM-02:30 PM (CAD Lab , SKIT Jaipur)	Activities & Tasks on Primavera P6	
		Valedictory ceremony	

Objective of the event with Schedule:

The "Project Planning & Management using Primavera P6" workshop, conducted from October 09, 2023, to October 13, 2023, provided a platform for 28 students to gain valuable insights and hands-on experience in project planning and management using Primavera P6. The workshop was coordinated by Dr. Pooja Jain, Associate Professor, and was efficiently managed by student coordinators Aman Jain and Ajay Kumar Meena.

Workshop Content:

The workshop was designed to cover various aspects of project planning and management, with a focus on utilizing the Primavera P6 software as a powerful tool. Participants were introduced to the following key topics:

- **Introduction to Project Management**: An overview of project management concepts, methodologies, and best practices.
- **Primavera P6 Basics:** Understanding the fundamentals of the Primavera P6 software, its interface, and navigation.
- **Project Planning and Scheduling**: Learning how to create and manage project schedules, define activities, and set durations.
- **Resource Management**: Effective allocation of resources, including human resources and materials, for project optimization.
- **Cost Management**: Techniques for budgeting, tracking costs, and forecasting project expenses.
- **Risk Management**: Identifying, assessing, and mitigating project risks for successful project execution.

- **Reporting and Analysis**: Utilizing Primavera P6 to generate reports, analyze project data, and make informed decisions.
- **Case Studies and Practical Exercises**: Application of knowledge through real-world case studies and hands-on exercises.

The workshop combined theoretical knowledge with practical exercises, allowing students to work on sample projects using Primavera P6. This approach ensured that participants not only understood the concepts but could also apply them effectively.

List of registered participants:

	Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur			
	Department of Civil Engineering			
	Workshop on " Basics of Project Planning & Management by using Primavera P6 9th -13th October, 2023			
	PARTICIPANTS - LIST			
S No.	**NAME**	**RTU ROLL NO.**	**SEMESTER**	**REMARKS**
1	AAKANKSHA SHARMA	20ESKCE001	7TH	
2	ABHISHEK BANSAL	20ESKCE003	7TH	
3	ABHISHEK CHOUDHARY	20ESKCE004	7th	
4	ABHISHEK SHARMA	20ESKCE005	7th	
5	AJAY KUMAR MEENA	20ESKCE007	7th	COORDINATOR
6	AMAN JAIN	20ESKCE008	7th	COORDINATOR
7	ANIL GODARA	20ESKCE012	7th	COORDINATOR
8	ANKIT RAJWANIA	20ESKCE300	7th	
9	ARPIT GOTHWAL	20ESKCE020	7th	
10	ARCHANA MEENA	20ESKCE018	7th	
11	AVDESH MEENA	20ESKCE025	7th	
12	GOURAV POONIYA	20ESKCE038	7th	
13	HARDIK JAIN	20EAKCE039	7th	
14	HEMANT KUMAR MINA	20ESKCE041	7th	
15	KAMLESH CHOUDHARY	20ESKCE048	7th	
16	KANISHK SHARMA	20ESKCE051	7th	
17	KRITIKA MEENA	20ESKCE056	7th	
18	KUNAL SINGH SOLANKI	20ESKCE061	7th	
19	LIBIN M T	20ESKCE064	7th	
20	MAAHI KAUR DISANJ	20ESKCE065	7th	
21	MITALI SAINI	20ESKCE073	7th	
22	MOHEET ALAM	21ESKCE200	7th	
23	NAVDEEP JARWAL	21ESKCE201	7th	
24	NAVNEET SINGH	20ESKCE078	7th	
25	NEHA MEENA	20ESKCE080	7th	
26	PRETESH KAKHANI	20ESKCE091	7th	
27	ROHIT LAMBA	20ESKCE103	7th	
28	SHREYANSH CHOTIYA	20ESKCE110	7th	
29	VISHNU KANT	21ESKCE203	7th	
30				
FACULTY COORDINATOR	Dr. POOJA JAIN			
STUDENT COORDINATOR	AMAN JAIN /AJAY KUMAR MEENA / ANIL GODARA			
REMARKS				

Swami Keshvanand Institute of Technology Management & Gramothan , Jaipur

Department of Civil Engineering

Workshop on " Basics of Project Planning & Management by using Primavera P6

9th -13th October, 2023

REMOVED PARTICIPANTS - LIST

S No.	NAME	RTU ROLL NO.	SEMESTER	REMARKS
1	ABHINANDAN SHARMA	20ESKCE002	7TH	REMOVED
2	AMIT KUMAR	20ESKCE011	7th	REMOVED
3	DEVESH KUMAR DHAKED	20ESKCE031	7th	REMOVED
4	GAURAV SHARMA	20ESKCE037	7th	REMOVED
5	KARTIK CHOUDHARY	20ESKCE052	7th	REMOVED
6	KHEM CHAND KOLI	20ESKCE053	7th	REMOVED
7	KOMAL KANWAR KORAWA	20ESKCE055	7th	REMOVED
8	MANJEET BIJARNIYA	20ESKCE071	7th	REMOVED
9	SHASHANK VERMA	20ESKCE109	7th	REMOVED
10	TOSHIKA PARASHAR	21ESKCE202	7th	REMOVED
11	TUSHAR KUMAR VERMA	20ESKCE120	7th	REMOVED
12	VINOD DEWASI	20ESKCE126	7th	REMOVED
13	VISHAL BANSIWAL	20ESKCE130	7th	REMOVED
FACULTY COORDINATOR		Dr. POOJA JAIN		
STUDENT COORDINATOR		AMAN JAIN /AJAY KUMAR MEENA / ANIL GODARA		
REMARKS				

Swami Keshvanand Institute of Technology Management & Gramothan , Jaipur

Department of Civil Engineering

Workshop on " Basics of Project Planning & Management by using Primavera P6

9th -13th October, 2023

PARTICIPANTS - LIST

S No.	NAME	RTU ROLL NO.	ATTENDENCE					OVERALL ATTENDENCE	CERTFICATE NO.	SIGNATURE	REMARKS
			DAY 1	DAY 2	DAY 3	DAY 4	DAY 5				
1	AAKANKSHA SHARMA	20ESKCE001	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/001		
2	ABHISHEK BANSAL	20ESKCE003	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/002		
3	ABHISHEK CHOUDHARY	20ESKCE004	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/003		
4	ABHISHEK SHARMA	20ESKCE005	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/004		
5	AJAY KUMAR MEENA	20ESKCE007	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/CO/002		
6	AMAN JAIN	20ESKCE008	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/CO/001		
7	ANIL GODARA	20ESKCE012	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/CO/003		
8	ANKIT RAJWANIA	20ESKCE300	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/005		
9	ARPIT GOTHWAL	20ESKCE020	P	P	P	P	-	80%	SKIT/PPMW/2023/CE7/006		
10	ARCHANA MEENA	20ESKCE018	P	P	P	P	-	80%	SKIT/PPMW/2023/CE7/007		
11	GOURAV POONIYA	20ESKCE038	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/009		
12	HARDIK JAIN	20EAKCE039	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/010		
13	HEMANT KUMAR MINA	20ESKCE041	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/011		
14	KAMLESH CHOUDHARY	20ESKCE048	P	P	P	P	-	80%	SKIT/PPMW/2023/CE7/012		
15	KANISHK SHARMA	20ESKCE051	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/013		
16	KRITIKA MEENA	20ESKCE056	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/014		
17	KUNAL SINGH SOLANKI	20ESKCE061	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/015		
18	LIBIN M T	20ESKCE064	P	P	P	P	-	80%	SKIT/PPMW/2023/CE7/016		
19	MAAHI KAUR DISANJ	20ESKCE065	P	P	-	P	P	80%	SKIT/PPMW/2023/CE7/017		
20	MITALI SAINI	20ESKCE073	-	P	P	P	P	80%	SKIT/PPMW/2023/CE7/018		
21	MOHEET ALAM	21ESKCE200	-	P	P	P	P	80%	SKIT/PPMW/2023/CE7/019		
22	NAVDEEP JARWAL	21ESKCE201	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/020		
23	NAVNEET SINGH	20ESKCE078	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/021		
24	NEHA MEENA	20ESKCE080	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/022		
25	PRETESH KAKHANI	20ESKCE091	P	-	P	P	P	80%	SKIT/PPMW/2023/CE7/023		
26	ROHIT LAMBA	20ESKCE103	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/024		
27	SHREYANSH CHOTIYA	20ESKCE110	-	P	P	P	P	80%	SKIT/PPMW/2023/CE7/025		
28	VISHNU KANT	21ESKCE203	P	P	P	P	P	100%	SKIT/PPMW/2023/CE7/026		
29											
Total participants								28			
FACULTY COORDINATOR								Dr. POOJA JAIN			
STUDENT COORDINATOR								AMAN JAIN /AJAY KUMAR MEENA / ANIL GODARA			
REMARKS											

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An insight of the event

Certificate of the students

Thirty participants successfully attended the workshop and received certificates, with two students obtaining workshop coordinator certificates for their exceptional contribution. The sample participation certificate as attendees and student coordinator certificate for the workshop is as follows:
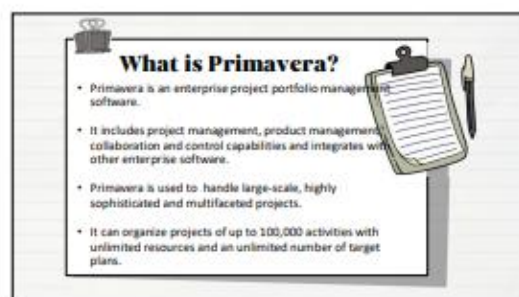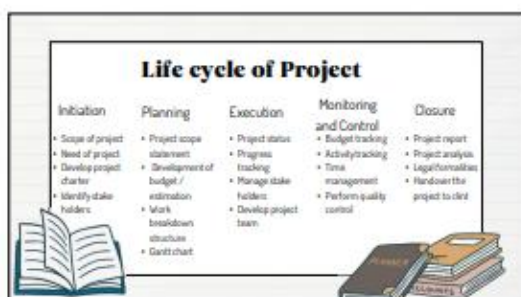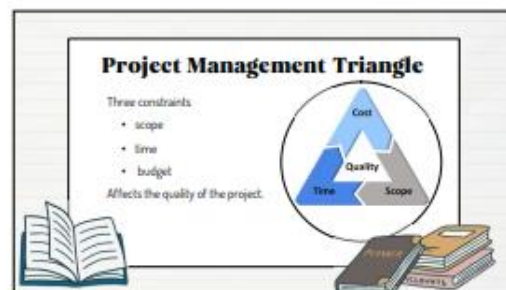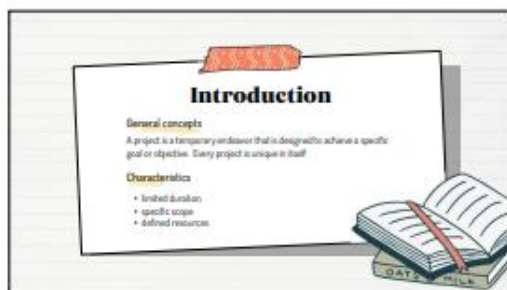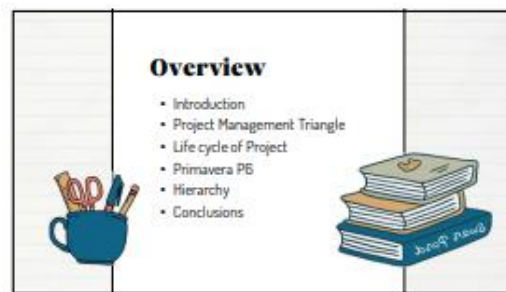
Feedback from the student

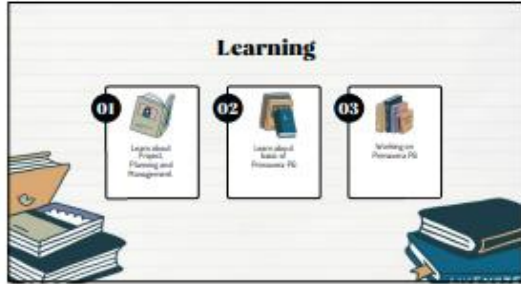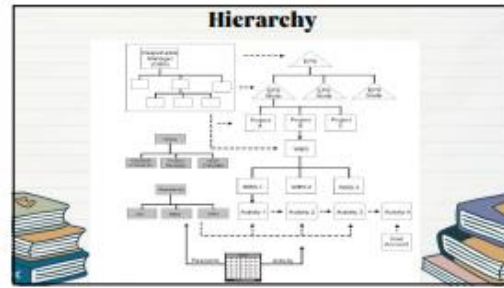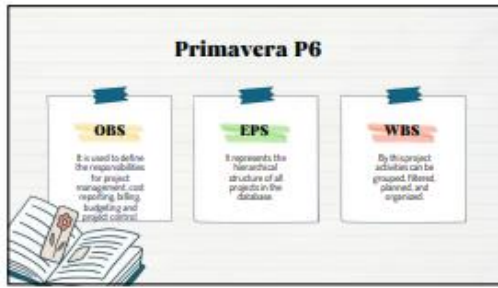| Sr. No.	NAME	RTU Roll No.	Did the session content meet your expectations?	Were the topics covered relevant and beneficial to your needs?	How would you rate the knowledge and effectiveness of the instructors?	Were the instructors able to clarify your doubts and provide helpful insights?	Did the use of real-life examples and hands-on exercises enhance your learning experience?	Did you find the workshop interactive and engaging?	Do you think the duration was appropriate for covering the topics effectively?	Are you satisfied with the overall organization of the lecture, including the schedule and timing?	Are you satisfied with the overall organization of the lecture, including the schedule and timing?	On a scale of 1 to 5, with 1 being very dissatisfied and 5 being very satisfied, how would you rate your overall satisfaction with the expert lecture?	Please share any additional comments, suggestions, or feedback you have regarding the expert lecture.
1	Arpit gothwal	20ESKCE020	5	5	5	5	5	5	5	4	5		Amazing session
2	Navneet Singh	20ESKCE078	5	5	5	5	5	5	5	5	5	5	Very good
3	Pretesh Kakhani	20ESKCE091	5	5	5	5	5	5	5	5	5	5	Very interesting and informative workshop
4	Hemant Kumar Mina	20ESKCE041	5	5	5	5	5	5	5	5	5	5	Very good workshop and lot of knowledge gain from this workshop
5	Kanishk Sharma	20ESKCE051	5	5	5	5	5	5	5	5	5	5	Amazing workshop, very helpful
6	Abhishek Choudhary	20ESKCE004	5	5	4	5	5	5	4	5	5	5	Such type of workshops are very beneficial for us to learn new things in our field.
7	Ankit rajwania	20ESKCE300	5	5	5	5	5	5	5	5	5	5	I think project Management is very helpful to get clarify the timing of project with compare to structure then it's get how to develop a structure with time
8	Rohit lamba	20ESKCE103	5	5	5	5	5	5	5	5	5	2	The Primavera P6 software workshop was highly beneficial, offering new job prospects in the field of civil engineering.
9	Kritika Meena	20ESKCE056	5	5	5	5	5	5	5	5	5	5	I'm glad that I attended that workshop. Management was good, learning experience= excellent, startup opportunities= full fill . Thankyou faculty and coordination for conducting this type of workshop.
10	Aakansha Sharma	20ESKCE001	5	5	5	5	5	5	5	5	5	5	The session was ver helpful and would like to see and attend more workshops like this thank you
11	Gourav Pooniya	20ESKCE038	5	5	5	4	5	5	4	4	4	5	Overall I like the workshop which enhance my knowledge in project management field and I expect more in future
12	Moheet Alam	21ESKCE200	5	5	5	5	5	5	5	5	5	5	This workshop was just amazing I'm glad to work on this Primavera P6.. This will really help me in future. Lots of things i learnt during this workshop thanks You so much Dr. Pooja Jain Mam for help and support us
13	Shreyansh chotiya	20ESKCE110	5	5	5	5	4	5	4	5	5	5	The session was very interactive and engaging. We have learn about the new industrial software and it's scope in our field.
14	Vishnu kant bairwa	21eskce203	5	5	5	5	5	5	5	5	5	5	The entire session is good and beneficial For future and during these days we need to learn how to manage our work and I really lucky that I'm the part of this workshop and learn about project management
15	Ajay Kumar meena	20eskce007	5	5	5	5	4	5	4	4	4	5	Good workshop
16	Navdeep Jarwal	21ESKCE201	5	5	5	5	5	5	5	5	5	5	Organize more classes on project management required

Conclusion and Outcome of the workshop

The "Project Planning & Management using Primavera P6" workshop was highly beneficial for the 28 students who participated. It equipped them with practical skills in project planning and management, using Primavera P6 as a valuable tool. These skills are in high demand in industries where effective project management is essential for success. This workshop has further enriched the knowledge and skills of our students, and we anticipate that they will apply this expertise in their academic and professional pursuits.

Students can derive benefit from a variety of educational materials, including but not limited to textbooks, online articles, lecture notes, educational videos, practice exercises, educational apps, simulations, reference websites, digital libraries, podcasts, e-books, flashcards, educational games, study guides, collaborative tools, graphing calculators, coding platforms, language learning apps, online forums, and educational podcasts and audiobooks.

As follows are some materials and assignments through which students benefitted:

Activity 1

Project & Calender

Create a project "PP&M WORKSHOP 1" and assign working calendar to the project with timings from 8:30 am to 5:30 pm with one hour as break In between. Also assign activities & relationship as per the given table & find the duration of the project.

Activity ID	Activity Name	Duration	Predecessors
A1000	START OF PROJECT	0	
A1010	BEGIN BUILIDING CONSTRUCTION	1	A1000
A1020	DRYWALL IN OFFICES	15	A1010
A1030	INSTALL PRECAST & BRICK WEST WALL	15	A1010
A1040	INSTALL CEILING GRID	5	A1020
A1050	INTERIOR SIDING & SOUTH WALL	5	A1020
A1060	INSTALL PRECAST & BRICK SOUTH WALL	10	A1030
A1070	INSTALL LIGHTS & SPRINKLES & DIFFUSERS	10	A1040
A1080	INSTALL FLOOR & TILE	5	A1070
A1090	INSTALL HEATERS & TIE-IN	10	A1080
A1100	INSTALL TEAM SUPPLY TO HEATER	10	A1090
A1110	PAINT BUILIDING INTERIOR	5	A1050
A1120	REWORK EXISTING STEEL AT ROOF	2	A1050
A1130	SOUTH WALL & STAIR FOOTING	15	A1120
A1140	INSTALL SKYWALK BRICK	15	A1120
A1150	SLAB U/G PIPING & TEST	5	A1130, A1130
A1160	BACK FILL & COMPACT SLAB	2	A1150
A1170	POUR & STRIP SLAB	2	A1160

A1180	ROOFING AT STAIRWAY	5	A1170
A1190	PAINT & TRIM AT STAIRS	4	A1110, A1180
A1200	SKYWALK ROOFING	5	A1140
A1210	SKYWALK LIGHTING & ELECTRICAL	5	A1200
A1220	INSTALL STAIR, STEEL & COMPLETE AREA PAVING	10	A1060, A1140
A1230	SKYWALK FINISHES, FLOORING & DOORS	10	A1210
A1240	INSTALL CEILING	10	A1180, A1220
A1250	COMPLETE OFFICE AREA	8	A1100, A1170
A1260	CHECK-OUT, MAINTENANCE & TOOLING BUILDING	5	A1190, A1220, A1230, A1240, A1250
A1270	FINISH OF PROJECT	0	A1260

NOTE –

- Assign FS relationship to all the activities
- Add the columns of EST, EFT, LST, LFT, Total float and Critical.
- Show critical path in red color.
- Find project duration & finish date.
- Show the network diagram.
- Total working day per week is 6days.
- Give holidays as 26thJanuary, 15thAugust, 2nd October, 14thNovember and 25th December 2023
- Convert the project calendar in to global calendar and assign the same calendar to any other projects

Activity 2

Project & Calender

Create a project " PP&M WORKSHOP 2 " and assign working calendar .Also assign activities and their relationship in a gantt chart as per the given table & find the duration & finish date of the project

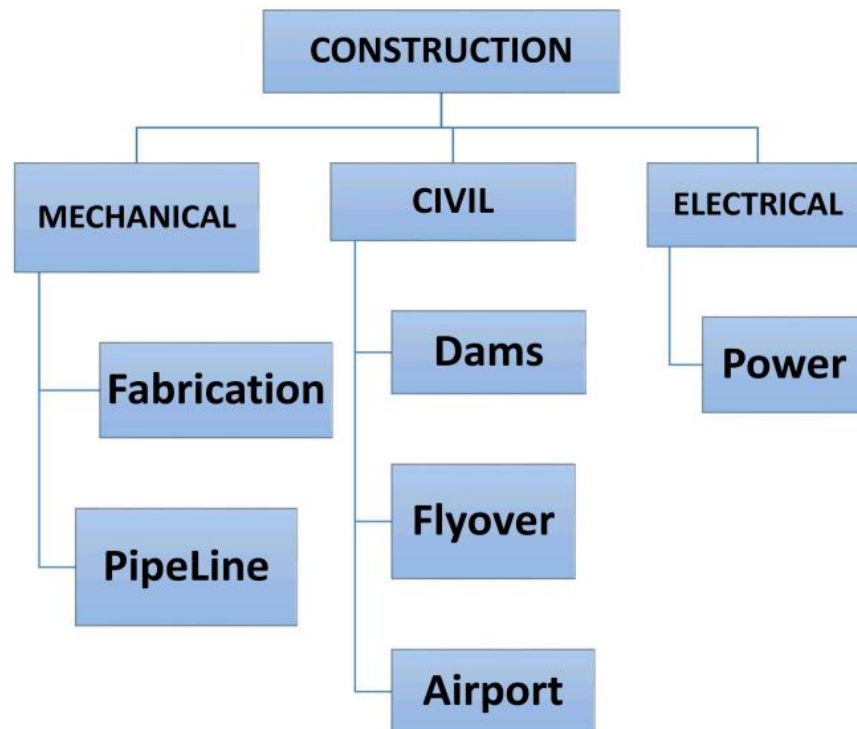| Activity ID	Activity Name	Duration	Predecessors
A1000	Start of project	2	
A1010	Timing and congestion driven	1	A1000
A1020	Net constraints	2	A1010
A1030	Global route	3	A1010
A1040	Track assignment	5	A1020
A1050	Detail route	2	A1030
A1060	Search and repair	2	A1030, A1040
A1070	Post route optimization	1	A1050
A1080	Physical and formal verification	2	A1050, A1060
A1090	End of project	3	A1070, A1080

NOTE –

- Assign FS relationship to all the activities
- Add the columns of EST, EFT, LST, LFT, Total float and Critical.
- Show critical path in red color.
- Find project duration & finish date.
- Show the network diagram.
- Total working day per week is 6days.

Activity 3

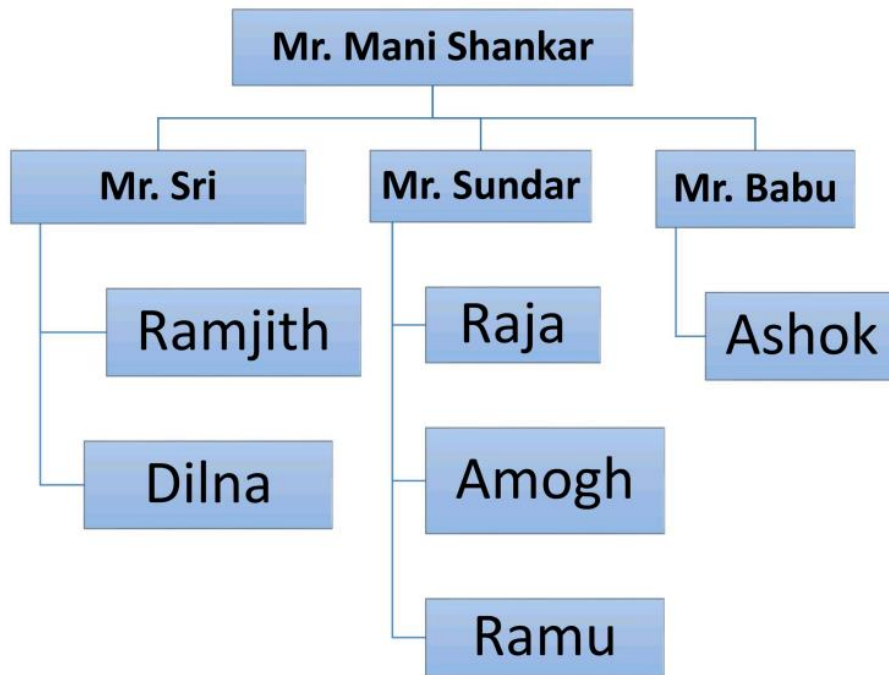Enterprise Project Structure(EPS)

Create an ESP for the company with CONSTRUCTION as root and the next level as MECHANICAL, CIVIL and ELECTRICAL. Pipe Line and Fabrication under Mechanical; Dams, Flyover and Airport under Civil and Power under Electrical.

Activity 4

Organizational Breakdown Structure(OBS)

Create an OBS for 'CONSTRUCTION' and assign it to the respective EPS. Chief Executive officer for construction is Mr. ManiShankar. Responsible managers for MECHANICAL, CIVIL and ELECTTRICAL are Mr. Sri, Mr. Sundar, and Mr. Babu. Program managers Ramjith and Dilna under Mr.Sri, Raja, Amogh and Ramu under Mr.Sundar, Ashok under Mr. Babu.
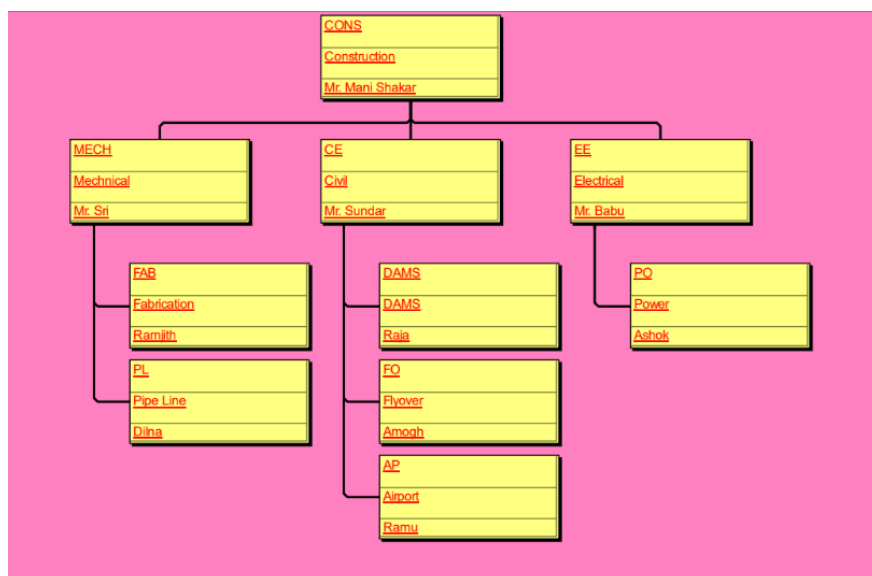
Activity 5

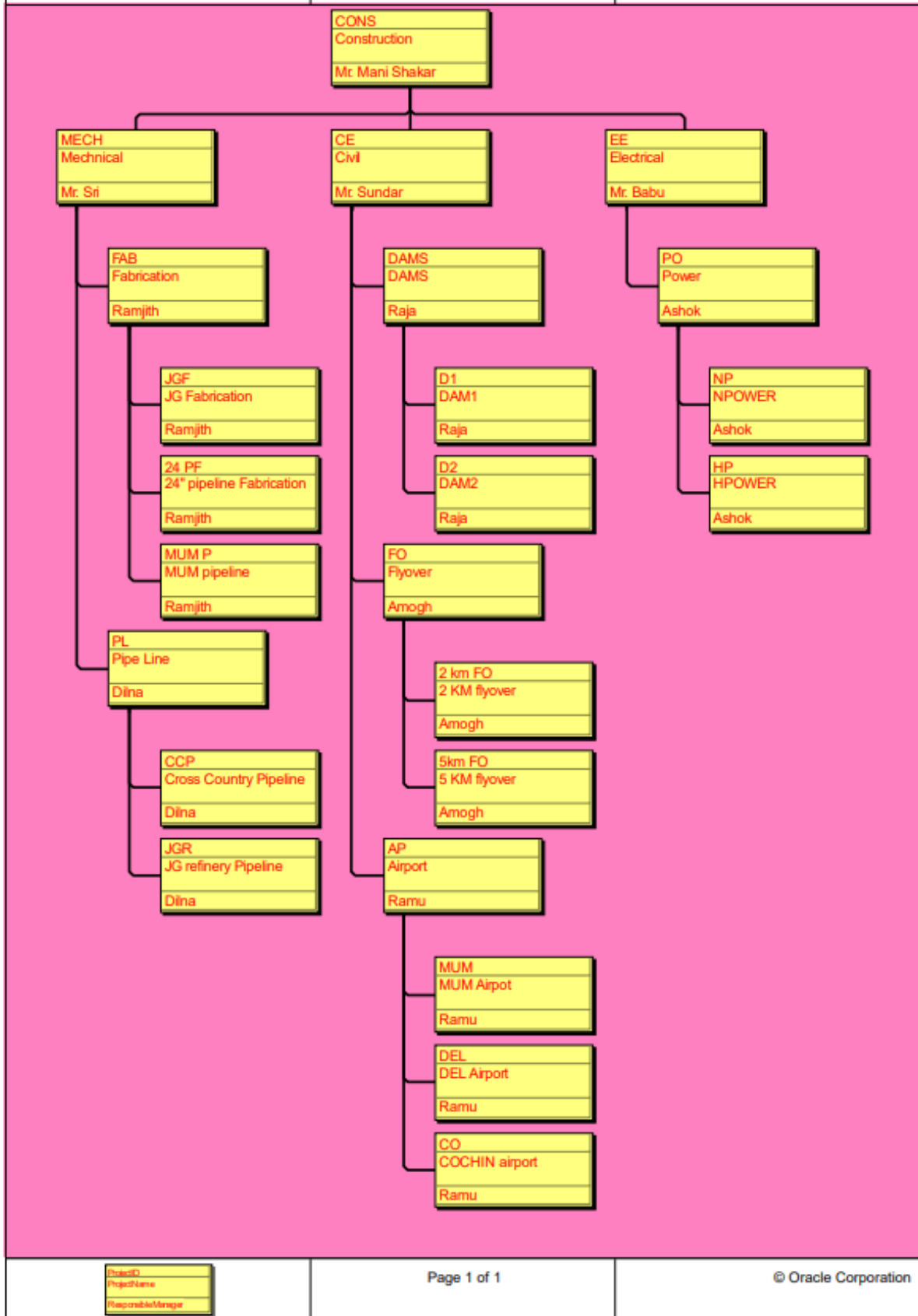Creating Projects

Create the EPS & assign projects. Projects are-

1. Cross Country Pipeline and JG refinery Pipeline under Pipeline
2. JG fabrication, 24" pipeline fabrication and MUM pipeline under Fabrication
3. Dam1, Dam2 under DAMS
4. 2KM flyover, 5KM flyover under Flyover
5. MUM Airport, DEL Airport and COCHIN airport under Airport
6. NPOWER and HPOWER under Power.

Results on Primavera P6

CONS
Construction
Mr. Mani Shakar

MECH
Mechnical
Mr. Sri

CE
Civil
Mr. Sundar

EE
Electrical
Mr. Babu

FAB
Fabrication
Ramjith

DAMS
DAMS
Raja

PO
Power
Ashok

JGF
JG Fabrication
Ramjith

24 PF
24" pipeline Fabrication
Ramjith

MUM P
MUM pipeline
Ramjith

D1
DAM1
Raja

D2
DAM2
Raja

FO
Flyover
Amogh

NP
NPOWER
Ashok

HP
HPOWER
Ashok

PL
Pipe Line
Dilna

CCP
Cross Country Pipeline
Dilna

JGR
JG refinery Pipeline
Dilna

2 km FO
2 KM flyover
Amogh

5km FO
5 KM flyover
Amogh

AP
Airport
Ramu

MUM
MUM Airpot
Ramu

DEL
DEL Airport
Ramu

CO
COCHIN airport
Ramu

ProjectID
ProjectName
ResponsibleManager

Results on Primavera P6

Engaging in practical exercises enhances their proficiency, equipping them with valuable skills as per industry requirements.

Students Coordinator:

1. Aman Jain, Student Coordinator; Phone Number 8696000236
2. Ajay Kumar Meena, Student Coordinator; Phone Number 9724838544

Faculty Coordinator:

1. Dr. Pooja Jain (9694909018)

Relevance to POs and PSOs

S.No.	Name of Activity	Resource Person	Related POs and PSOs
1	Workshop Report on Basics of Project Planning & Management using Primavera P6	Dr. Pooja Jain	POs: 5.1.1, 5.1.2, 5.2.1, 5.2.2, 5.3.1, 5.3.2, 11.1.2, 11.2.1, 11.3.1, 11.3.2, 12.1.1, 12.1.2, 12.2.1, 12.2.2, 12.3.1, 12.3.2 PSOs: 1.1.1, 1.1.2, 1.1.3, 2.1.1, 2.1.2, 2.1.3

Thank You.