



Report on Mock Drive

NAME OF ACTIVITY: Report on Mock Drive

DATE & DURATION: 16 January 2024

ORGANIZED BY: Department of Civil Engineering

EXPECTED OUTCOMES:

- Students should gain familiarity with the various stages of the recruitment process, including written tests, group discussions, interviews, and other assessment methods.
- Students get an understanding of the expectations and industry standards that recruiters follow during the selection process.

MAPPINGS WITH PO & PSO:

CO-PO-PSO Mapping: Mapping Levels: 1- Low, 2- Moderate, 3-Strong

CO	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
CO2	-	-	3	-	-	-	-	-	-	-	-	-	2	-	-
CO3	-	-	-	-	-	-	-	-	-	-	-	3	-	3	-

OBJECTIVE:

- To enhance the skills of students like, taking different challenges, self-confidence, personality development, improve communication skills, as well as vocabulary, team work, coordination among them and to reduce fear.
- One can create new world with his ideas and innovations.
- A civil engineer can create many ideas with which can serve as betterment of society.


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 Director

- So an engineer require certain skills to developed which help in all these work such as team work ,thought process, quick decision ,taking challenges for betterment of society, creativity, positive thinking etc.

EXPECTED RESULTS OF THE ACTIVITY

By this activity student got the proper knowledge about the selection procedure of various companies. Also they got the ideas how to represent you in front of anybody or everybody, and applying the theoretical knowledge in their real life with presence of mind.

INTRODUCTION:

In the contemporary and ever-evolving professional landscape, soft skills have become integral components of success, emphasizing interpersonal communication, teamwork, and adaptability. Recognizing the critical significance of these skills, a thorough and extensive soft skills program was implemented. This report serves to analyse the overall impact and effectiveness of the program, offering insights into its contribution to students' personal and professional development.

BROCHURE:



NOTICE



POORNIMA
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PCE/CE/2023-24/AC/002

Dated: 16/1/2024

NOTICE

Dear Students,

"Greetings from Department of Civil Engineering"

We hope you all are safe & healthy at home with your family members.

I am pleased to inform you that I will be organizing a mock drive for the preparation of upcoming placement drive on 16 January 2024. This mock drive presents a unique opportunity to showcase the talent in terms of aptitude, group discussions, human resource, technical interview and personal interviews so as to reduce the gap of industry requirements in future and to gain insights into real life experiences.

Details of the seminar are as follows:

Date: 16 January 2024

Time: 08:00 AM – 03:00 PM

Location: Poornima College of Engineering Jaipur

Please come dressed appropriately, and don't forget to bring your CV and notepad for any observations and suggestion you got. This experience promises to be both educational and inspiring.

Looking forward to seeing you there!

Best regards,

Sony Kumar

TIME PLAN

16/1/2024	APTITUDE TEST	8:30 - 10:00AM
(Tuesday)	TECHNICAL TEST	10:00-11:30 AM
16/1/2024	GROUP DISCUSSION	12:00-1:00 PM
(Tuesday)	HR INTERVIEW	1:00-1:40 PM
16/1/2024	TECHNICAL INTERVIEW	1:45-2:50 PM
(Tuesday)		

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Aptitude and ability tests are designed to assess your logical reasoning or thinking performance. They consist of multiple choice questions and are administered under exam conditions.

1. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?
 120 metres 324 metres
 180 metres 150 metres
2. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:
 45 km/hr 54 km/hr
 50 km/hr 55 km/hr
3. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is:
 1:3 3:4
 3:2 None of these
4. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?
 120 m 300 m
 240 m None of these
5. A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?
 3.6 8.4
 7.2 10
6. An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in $1\frac{2}{3}$ hours, it must travel at a speed of:
 300 kmph 600 kmph
 360 kmph 720 kmph
7. Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?
 9 12
 10 20
8. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
 12 days 16 days
 15 days 18 days
9. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?
 Rs. 375 Rs. 600
 Rs. 400 Rs. 800
10. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
 12 days 16 days
 15 days 18 days
11. Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30° and 45° respectively. If the lighthouse is 100 m high, the distance between the two ships is:
 173 m 273 m
 200 m 300 m

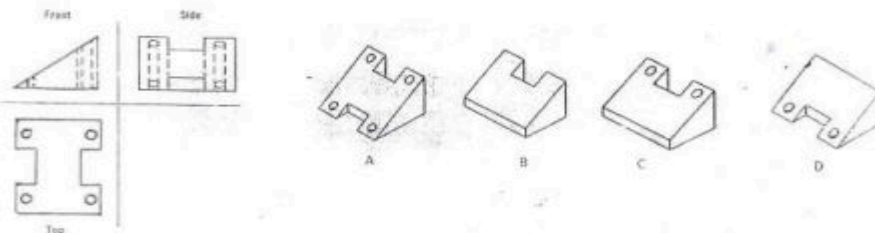
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TECHNICAL TEST

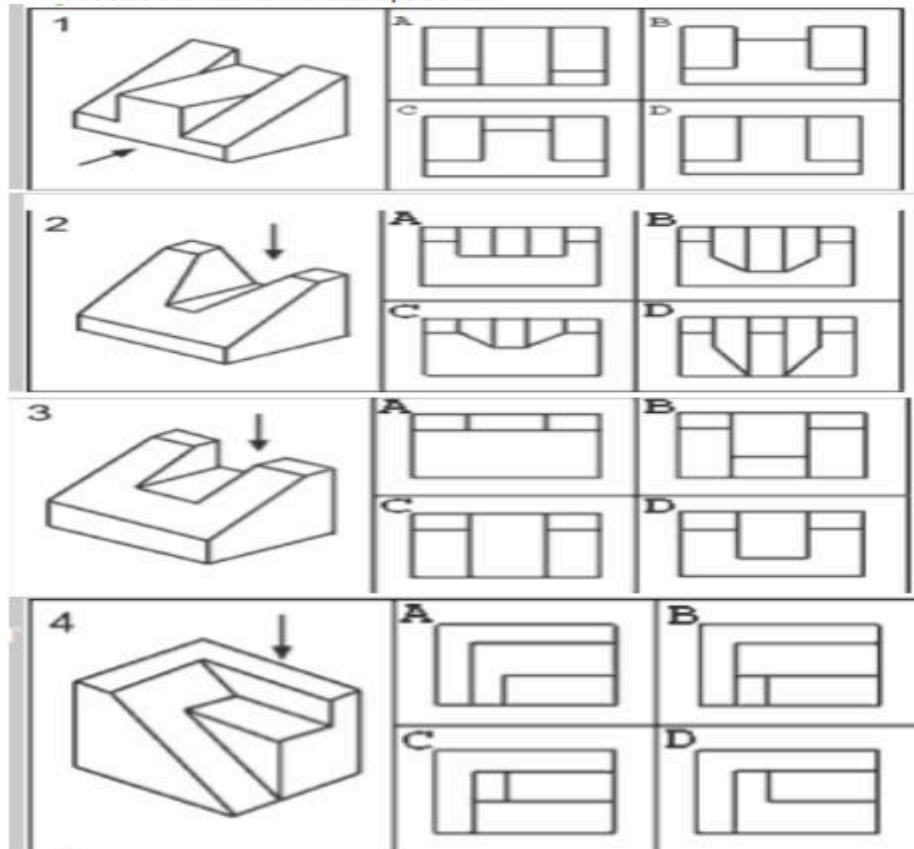
In this test students were evaluated on the basis of their technical knowledge of Civil Engineering. Following Subject knowledge were inspected in this test.

- Isometric Drawing
- Concrete
- Surveying
- Building Material
- Soil/Transportation

1. Tick proper Isometric views (Top, Front and Side)



1. Select the correct view indicated by the arrow.



Technical Test

1. The active earth pressure of a soil is proportional to (where ϕ is the angle of friction of the soil)

tan (45° - ϕ)	tan ² (45° - $\phi/2$)
tan ² (45° + $\phi/2$)	tan (45° + ϕ)
2. A partially saturated soil is classified as

one phase soil	three phase soil
two phase soil	four phase soil
3. Fundamental relationship between dry density (γ_d), bulk density (γ) and water content (ω), is :

$\gamma = \frac{\gamma_d}{1 + \omega}$ $\gamma_d = \frac{\gamma}{1 + \omega}$	$\omega = \frac{\gamma}{1 + \gamma_d}$ $\omega = \frac{\gamma}{1 - \gamma_d}$
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4. The shearing strength of a cohesion-less soil depends upon

dry density	confining pressure
rate of loading	nature of loading
5. The minimum value of camber provided for thin bituminous surface hill roads, is

2.2%	3.0%
2.5%	3.5%
6. Thickness of a pavement may be reduced considerably by

compaction of soil	drainage of soil
stabilisation of soil	combination of all the above
7. If d is the thickness of a concrete pavement, the equivalent radius b of resisting section for an interior loading, is

$b = 0.6 + d^2 - 0.675 d$ $b = 1.6 + d^2 + 0.675 d$	$b = 1.6 + d^2 - 3.675 d$ $b = 1.6 + d^2 - 0.675 d$
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8. The expected out turn of 2.5 cm cement concrete floor per mason per day

2.5 sqm	7.5 sqm
5.0 sqm	10 sqm
9. The order of booking dimensions is

Length, breadth, height	Height, breadth, length
Breadth, length, height	None of these.
10. In a combined footing if shear stress exceeds 5 kg/cm², the nominal stirrups provided are:

6 legged	10 legged
8 legged	12 legged
11. The maximum area of tension reinforcement in beams shall not exceed

0.15%	4%
1.5%	1%
12. The minimum number of main steel bars provided in R.C.C.

rectangular columns is 4	octagonal columns is 8
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ACTIVITIES:

Group Discussion by Dr. Santanu Mallik:

Dr. Santanu Mallik, an experienced facilitator, spearheaded a group discussion focusing on the practical dimensions of soft skills. Participants lauded Dr. Mallik's engaging approach, highlighting the valuable insights he provided into effective communication and teamwork. Mallik's expertise was deemed a significant contributing factor to the success of the program, creating an enriching learning environment for the participants.

Personal Interview with Mr. Sonu Kumar:

A personal interview with Mr. Sonu Kumar delved into the intricacies of resume-building strategies. Sonu Kumar's detailed explanations and provision of practical tips resonated well with students, offering them clarity on crafting impactful resumes. Sonu Kumar's expertise, showcased in the interview, was identified as an invaluable addition to the overall training program.

Feedback from Panels:

Two faculty panels, each comprising Mr. Rituraj Singh Rathore and Dr. Santanu Mallik, as well as Mr. Balwan and Dr. Vishal Singhal, provided unique perspectives on the program. Mr. Rituraj and Dr. Mallik emphasized the importance of continuous improvement, acknowledging that adaptability and evolution are key in the dynamic field of soft skills. On the other hand, Mr. Balwan and Dr. Vishal highlighted the positive impact of the program on students' confidence levels, showcasing its relevance in enhancing overall professional preparedness.

FEEDBACK:

FEEDBACK ANALYSIS (2023-24)							
S.No.	Attributes	Total Feed Back					100
1	Did the session meet its objectives?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		77.21	10.91	8.29	1.20	0.00	
2	Did you find the contents useful?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		75.88	14.19	7.92	1.11	0.00	
3	Did it help students to enhance their skills or learnings?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		73.29	16.11	6.49	1.20	0.00	
4	Did you receive uninterrupted Connectivity in case of online sessions?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		71.20	18.59	5.19	1.32	0.00	
5	How do you rate this session overall?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		72.29	18.52	6.99	1.00	0.00	
Overall Remark:- These kind of sessions should be conducted in the future too for more awareness.							

Attendance:

S. No.	Batch	Roll No.	Name of Students	Reg. No.	Graph Used	SIGNATURE
					Y/N	
1	4CE1	20/CE/01	AADITYA JANGIR	PCE20CE001	—	<u>Aaditya</u>
2	4CE1	20/CE/02	ABHINAV SHARMA	PCE20CE002	—	<u>Abhinav</u>
3	4CE1	20/CE/03	ABHISHEK BHUKAR	PCE20CE003	—	<u>Abhishek</u>
4	4CE1	20/CE/04	ABHISHEK SAINI	PCE20CE004	—	<u>Abhishek</u>
5	4CE1	20/CE/05	AJAY KUMAR	PCE20CE005	—	<u>Ajay</u>
6	4CE1	20/CE/06	ARVIND KHATIK	PCE20CE007	—	<u>Arvind</u>
7	4CE1	20/CE/07	ARYAN DIWALA	PCE20CE008	—	<u>Aryan Diwala</u>
8	4CE1	20/CE/08	ASHOK KUMAR	PCE20CE009	—	<u>Ashok</u>
9	4CE1	20/CE/09	BHUMI	PCE20CE056	—	<u>Bhumi</u>
10	4CE1	20/CE/10	BHUPENDRA KUMAR	PCE20CE010	—	<u>Bhupendra</u>
11	4CE1	20/CE/11	CHIRAKSHI AGARWAL	PCE20CE011	—	<u>Chirakshi</u>
12	4CE1	20/CE/12	HARISH KUMAR CHAUHAN	PCE20CE012	—	<u>Harish</u>
13	4CE1	20/CE/13	HARSHIT KUMAR TAITER	PCE20CE053	—	<u>Harshit</u>
14	4CE1	20/CE/14	HARSHIT SHARMA	PCE20CE052	—	<u>Harshit</u>
15	4CE1	20/CE/15	HEMANT SAINI	PCE20CE013	—	<u>Hemant</u>
16	4CE1	20/CE/16	HIMANSHU SHARMA	PCE20CE014	—	<u>Himanshu</u>
17	4CE1	20/CE/17	JASWANT SINGH	PCE20CE015	—	<u>Jaswant</u>
18	4CE1	20/CE/18	JATIN MEENA	PCE20CE016	—	<u>Jatin Meena</u>
19	4CE1	20/CE/19	JEETKESH MEENA	PCE20CE017	—	<u>ABSENT</u>


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S. No.	Batch	Roll No.	Name of Students	Reg. No.	Graph Used	SIGNATURE
					Y / N	
20	4CE2	20/CE/20	KAMALKANT BAIRWA	PCE20CE018	N	Kamal
21	4CE2	20/CE/21	KIRAN GAUD	PCE20CE023	N	Kiran
22	4CE2	20/CE/22	KOMAL KUMARI	PCE20CE019	N	Komal
23	4CE2	20/CE/23	KRIYANSHU MEENA	PCE20CE020	N	Kriyanshu
24	4CE2	20/CE/24	KUNAL MATTED	PCE20CE021	N	Kunal
25	4CE2	20/CE/25	LEKHRAJ MEENA	PCE20CE022	N	Lekhraj
26	4CE2	20/CE/26	MAHESH NAGAR	PCE20CE058	N	Mahesh
27	4CE2	20/CE/27	NIKHEL SHARMA	PCE20CE0707	N	Nikhel
28	4CE2	20/CE/28	NISHANT MEENA	PCE20CE027	N	Nishant
29	4CE2	20/CE/29	NITIN KUMAR BANSHIWAL	PCE20CE029	N	Nitin
30	4CE2	20/CE/30	POOJA MEENA	PCE20CE054	N	Pooja
31	4CE2	20/CE/32	PRATEEK SHARMA	PCE20CE031	N	Prateek
32	4CE2	20/CE/34	SACHIN KUMAR MEENA	PCE20CE035	N	Sachin
33	4CE2	20/CE/35	SACHINDRA SINGH OLA	PCE20CE036	N	Sachin
34	4CE2	20/CE/36	SAKSHI SHARMA	PCE20CE025	N	Sakshi
35	4CE2	20/CE/37	SALONI TABIYAR	PCE20CE026	N	Saloni
36	4CE2	20/CE/38	SHIVANSH NARANIYA	PCE20CE038	N	Shivansh

S. No.	Batch	Roll No.	Name of Students	Reg. No.	Graph Used	SIGNATURE
					Y / N	
37	4CE3	20/CE/39	SHREYANSH HARSANA	PCE20CE039	N	ABSENT
38	4CE3	20/CE/40	SHUBHAM GARG	PCE20CE040	N	Shubham
39	4CE3	20/CE/41	SHUBHAM MEENA	PCE20CE041	N	Shubham
40	4CE3	20/CE/42	SHYAM SUNDAR MEENA	PCE20CE057	N	Shyam
41	4CE3	20/CE/43	SINDHU KUMARI	PCE20CE042	N	Sindhu
42	4CE3	20/CE/44	SUKESH DHAR	PCE20CE0706	N	Sukesh
43	4CE3	20/CE/45	SURESH JAT	PCE20CE043	N	Suresh
44	4CE3	20/CE/46	TANNU YADAV	PCE20CE044	N	Tannu
45	4CE3	20/CE/47	TOUFEEQ SHEIKH	PCE20CE045	N	Toufeeque
46	4CE3	20/CE/48	VAIBHAV JALANDHARA	PCE20CE059	N	Vaibhav
47	4CE3	20/CE/49	VIJENDRA KUMAWAT	PCE20CE046	N	Vijendra
48	4CE3	20/CE/50	VIKAS DHUKIYA	PCE20CE047	N	Vikas
49	4CE3	20/CE/51	VIKAS KHATRI	PCE20CE048	N	Vikas
50	4CE3	20/CE/52	VINOD JAT	PCE20CE049	N	Vinod
51	4CE3	20/CE/53	VIRENDRA SONI	PCE20CE050	N	Virendra
52	4CE3	20/CE/54	VISHAL KAROL	PCE20CE051	N	Vishal
53	4CE3	20/CE/55	Sunny Kumar	PIET20CE755	N	Sunny
54	4CE3	20/CE/56	Vishal Sharma	PIET20CE757	N	Vishal
55	4CE3	20/CE/57	SUSHANK KUMAR (BC)	PCE20CE300	N	Sushank
56	4CE3	20/CE/59	AKSHAT SARAN	PCE21CE800	N	Akshat
57	4CE3	20/CE/60	ANURAG .	PCE21CE801	N	ANURAG
58	4CE3	20/CE/62	GAURAV KUMAR MEENA	PCE21CE803	N	GAURAV
59	4CE3	20/CE/63	MOHIT KUMAR	PCE21CE804	N	MOHIT

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RESULT

S. No.	Name of Student	TEST		GD (20)	PI		TOTAL (100)
		Aptitude (20)	TECH (20)		HR (20)	TECH (20)	
1	AADITYA JANGIR	9	4	4	14	15	46
2	ABHINAV SHARMA	6	5	7.5	12	9	39
3	ABHISHEK BHUKAR	9	6	6	6	11	38
4	ABHISHEK SAINI	9	5	4	8	11	38
5	AJAY KUMAR	10	4	10	15	0	38
6	ARVIND KHATIK	7	7	0	0	0	14
7	ARYAN DIWALA	8	6	13	15	18	60
8	ASHOK KUMAR	7	5	12	14	12	49
9	BHUMI	8	5	8	11	18	50
10	BHUPENDRA KUMAR	8	2	0	0	0	10
11	CHIRAKSHI AGARWAL	8	5	13	15	18	59
12	HARISH KUMAR CHAUHAN	8	2	0	0	0	10
13	HARSHIT KUMAR TAITER	7	5	8	11	16	47
14	HARSHIT SHARMA	4	5	14	13	14	49
15	HEMANT SAINI	4	6	4	15	15	44
16	HIMANSHU SHARMA	9	5	8	16	0	38
17	JASWANT SINGH	7	7	0	0	0	14
18	JATIN MEENA	8	6	13	15	18	60
19	KAMALKANT BAIRWA	9	4	10	10	7	40
20	KIRAN GAUD	8	7	6	12	12	45
21	KOMAL KUMARI	9	5	6	10	0	30
22	KRIYANSHU MEENA	8	5	17	15	15	59
23	KUNAL MATTED	8	6	13	15	18	60
24	LEKHRAJ MEENA	7	7	0	0	0	14
25	MAHESH NAGAR	9	4	12	15	11	51

26	NIKHEL SHARMA	8	5	11	17	17	57
27	NISHANT MEENA	9	6	8	13	12	47
28	NITIN KUMAR BANSHIWAL	8	6	9	11	0	34
29	POOJA MEENA	6	4	9	11	10	39
30	PRATEEK SHARMA	8	5	13	13	11	50
31	SACHIN KUMAR MEENA	7	7	0	0	0	14
32	SACHINDRA SINGH OLA	8	6	13	15	18	60
33	SAKSHI SHARMA	6	9	4	9	10	37
34	SALONI TABIYAR	9	6	8	13	12	47
35	SHIVANSH NARANIYA	8	5	10	15	19	56
36	SHUBHAM GARG	9	5	0	10	12	36
37	SHUBHAM MEENA	4	8	15	18.5	0	46
38	SHYAM SUNDAR MEENA	11	4	0	7	10	32
39	SINDHU KUMARI	10	6	8	10	12	45
40	SUKESH DHAR	0	0	8	0	0	8
41	SURESH JAT	5	5	7	14	12	42
42	TANNU YADAV	15	16	9	15	15	70
43	TOUFEEQ SHEIKH	10	6	8	10	12	45
44	VAIBHAV JALANDHARA	0	0	0	0	0	0
45	VIJENDRA KUMAWAT	12	8	9	11	14	54
46	VIKAS DHUKIYA	12	7	16	17	17	68
47	VIKAS KHATRI	10	5	11	14	17	57
48	VINOD JAT	8	7	10	0	0	25
49	VIRENDRA SONI	8	3	4	0	0	16
50	SUSHANK KUMAR (BC)	10	5	0	12	14	41
51	AKSHAT SARAN	12	8	9	11	14	54

Glimpses:

