

SARASWATI EDUCATION SOCIETY'S SARASWATI COLLEGE OF ENGINEERING

KHARGHAR, NAVI MUMBAI- 410210

Department of Civil Engineering Action taken based on feedback from students (CO &PO) Academic Year :2022-23 (EVEN)

Summary of Feedback

Feedbacks collected through course exit forms were analyzed and necessary actions which are useful for students were planned and conducted. Abstract of suggestions obtained from the stakeholders to enhance the employability of the student are discusses below.

Action Taken:

Based on suggestions, Action taken is mentioned below.

Subject	Faculty Name	Feedback/suggestion 5	Action Taken	Date
Survey	Prof. Shanthi Selvam	For on field experiment	AutoCAD Course	20/3/2023 21/3/2023
вмст	Prof. Sujaya Wadekar	For additional experiment	Site Visit to Ready mix concrete plant	28/3/2023 29/3/2023 31/3/2023
Water Resource Engineering	Prof. Rachel Gitty	Learning basic Concept	Site visit to Bhandardara dam	9/3/2023 10/3/2023
Repairs, Rehabilitation and Retrofitting of Structure	Prof. Vinitha Jovar	Introducing new technology in RRRS	Seminar on Repairs, Rehabilitation and Retrofitting of Structure	29/3/2023
Environmental Engineering	Prof. Asmita Lakhote	Sewage Treatment process	Sewage Treatment Plant	15/3/2023 16/3/2023

HOD Civil Engg. Principal





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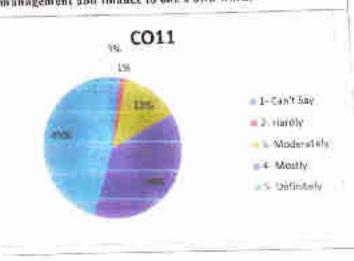
Department of Civil Engineering

Academic Year: 2022-23 (Even)

Program Exit Analysis Report (SEM VIII)

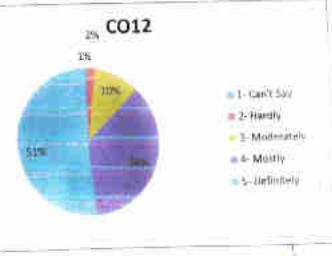
PG-11: Appropriately incorporate principles of management and finance to one's own work,

Scure	No. of students	Percentage (%)
- Cart't Say	:5:	3
- Hamily	3	2
1- Moderatoly	26	13
4- Mostly	74	38
5- Definitely	88	45
Total	199	100



PO-12: Identify educational needs and orgage in lifetung learning in a changing world of technology

Score	No. of students	Percentage (%)
t- Can't Say	ť	:3
2- Handly	4	2
3 Moderately	20	10
4. Mostly	71	38
5- Definitely	100	51
Total	196	100



HOD Civil Dept.

Principal SCOL



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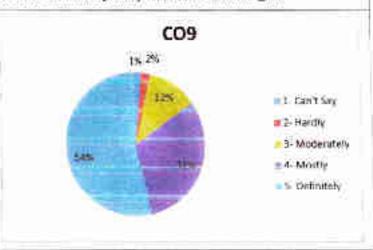
Department of Civil Engineering

Academic Year: 2022-23 (Even)

Program Exit Analysis Report (SEM VIII)

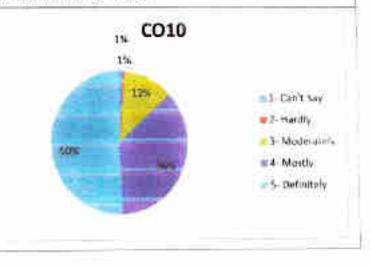
PO-9; Work Effectively as a member and leader in multidisciplinary team for a common goal.

Score	No. of students	Percentage (%)
1- Can't Say	30	2
2- Hardly	4	2
3- Moderately	23	12
4- Mostly	61	31
5- Definitely	105	54
Total	196	100



PO-10: Communicate Effectively within a Profession and Society at large.

Scure	No. of students	Percentage (%)
1- Can't Say	2	- 1
2- Hardly		A
3- Maderately	23	12
4- Mostly	71	36
5- Definitely	99	51
Total	196	100





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Department of Civil Engineering

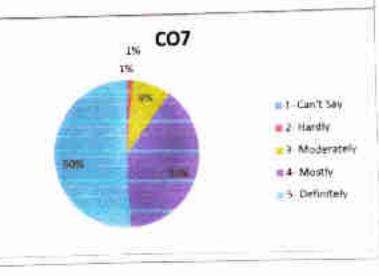
Academie Year: 2022-23 (Even)

Program Exit Analysis Report (SEM VIII)

PO-7: Understand Societal, health, Sufety, cultural, Legal issues and Responsibilities relevant to

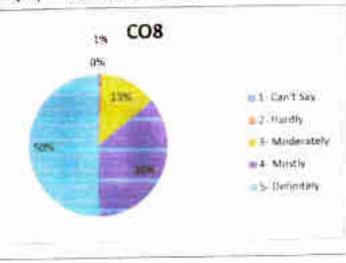
Engineering Profession.

Score	No. af	Percentage (%)
1- Can't Sey	3	1:
2- Hardly	2	1
3- Moderately	17	9
4- Mostly	77	39
5- Definitely	99	51
Total	196	100



PC-8. Apply Professional ethics, accountability and equity in Engineering Profession

Score	Nu. of students	Percentage (%)
1 Can't Say	4	.1
2- Hardly	1	1
3- Moderately	26	13
4- Mostly	76	36
5- Definitely	36	50
Total	198	100





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SARASWATI College of Engineering

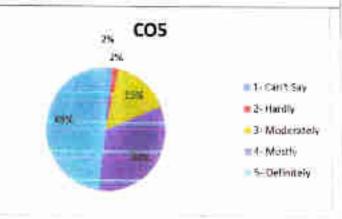
Department of Civil Engineering

Academic Year: 2022-23 (Even)

Program Exit Analysis Report (SEM VIII)

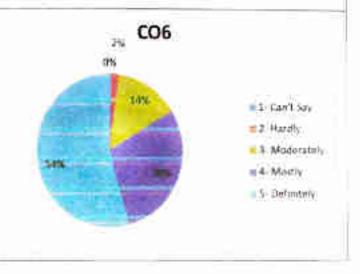
PO-5; Create, select and apply appropriate techniques, resources, and advanced engineering and software tools necessary to analyze and design civil engineering problems.

Score	No. of students	Percentage (%)	" cos
1- Can't Say	4	2	2%
2- Hardly	3	2	A
3- Moderately	30	15	134
4- Mastly	65	33	X9X
5- Definitely	94	48	
Total	196	100	



PO-6: Understand the impact of Civil Engineering solution on society and environment for austainable development

Score	No. of students	Percentage (%)
1- Can't Say	1	ः।
2- Hardly	3	2
> Moderately	28	14
4- Mostly	58	30
5- Definitely	106	54
Total	196	100







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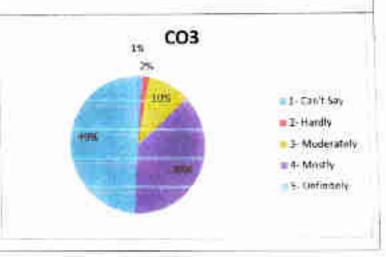
Department of Civil Engineering

Academic Year: 2022-23 (Even)

Program Exit Analysis Report (SEM VIII)

PO3: Investigate complex civil engineering problems and find appropriate solution leading to valid conclusions.

Score	No. of students	Percentage (%)
t- Can't Say	3	28
2- Hardly	3	2
3- Moderately	20	10
4- Mostly	74	38
5- Definitely	96	49
Total	196	100



PO-4: Design a civil engineering system, component, or process to meet specified needs with appropriate attention to health, safety, standards, environmental and societal considerations.

Score	No. of students	Percentage (%)	35 CO4	
1- Can't Say	e#3	t	0%	
2- Hartly	5	3	- The state of the	#1-Cunt Sav
3- Moderately	18	9		# 2 - Wardly
4- Mostly	67	34	Sens	* # Moderate:
5- Definitely	105	54		= 5- Definition
Total	196	100		





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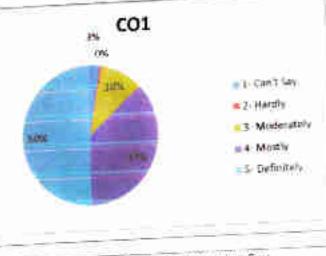
Department of Civil Engineering

Academic Vear: 2022-23 (Even)

Program Exit Analysis Report (SEM VIII)

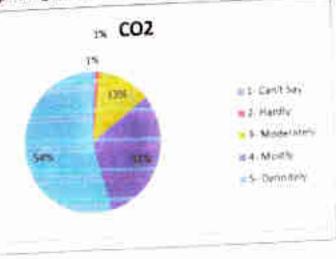
POT: Apply the knowledge of mathematics, science and engineering fundamentals to solve complex civil

Score	No. of students	Percentage (%)
- Can't Say	5	3
2. Hardly	ţ	11
3- Moderately	20	10
4 Monthly	72	37
5 Definitely	98	50
Total	196	100



PO2: Identify, formulate and analyze civil engineering problems and derive conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Score	No. of students	Percentage (%)
1- Carri Sex	2	347
2- Hardly	2	1
> Moderately	25	13
4- Mostly	ű.t	- 31
5- Definitely	106	54
Total	196	100







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Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Majur Project

Subject Teacher - Prof. Shauthi Selvam/ Nilima Shende

CO1: Apply formal idea generation tools to develop multiple engineering design solutions through project research work.

Score	No. of students	Percentage (%)	CO1	
> Carlt Say	ō	p	DAE 126	
2- Hardly	2	1	10 Kd	tant s
3- Moderately	11	6		Hundly Modes
4. Mostly	48	26	57K	Mostly
5- Definitely	121	66	***	Ontini
otal	182	100		

CO2: Create engineering-standard figures, reports and drawings to complement research writing and its presentations. [Estimate the viscosity of fluid]

Score	No. of students	Percentage (%)	CO2
t- Card Say	0	0	DNS-126-496
2- Hardly	2	.1	#1 Can't Sity
3- Moderately	7	4	-2 Sardy
4- Mostly	56	31	3 Moderately
5- Definitely	31172	64	= 5- Thrimbely
Total	182	100	





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Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Major Project

Subject Teacher - Prof. Shanthi Selvam/ Nilima Shende

CO3: Apply developed product to formal decision-making tools to select optimal engineering design solutions for further development. [Evaluate the losses in pipes]

Score	No. of students	Percentage (%)	CO3
- Can't Say	D	0	0% 2%
: Hardly	(3)	2	# 1 Can't Say
3- Moderately	13	7	#2- Hardly
- Mostly	43	24	⇒ 3- Moderate:
5- Definitely	123	68	5- Onfinitaly
Total	162	100	

CO4: Present results of the project us a team, with smooth integration of contributions from all individual efforts. [Assess the flow pattern and velocity distribution in pipe flow]

Score	No. of students	Percentage (%)	CO4
1- Carlt Say	0	Ó	0% 1%
2- Hardly	2	· · ·	=1- Confl.futy
3- Moderately	10	5	■ 2' Handly
4- Mostly	48	26	Abderutely A-Monthy:
5- Definitely	122	67	= 5 Definitele
Total	182	100	
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Department of Civil Engineering

Academic Year: 2022-23 (Even)

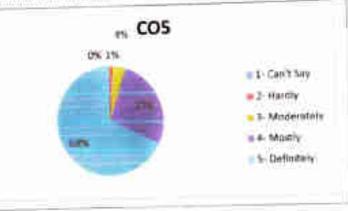
Course Exit Analysis Report (SEM VIII)

Subject - Major Project

Subject Tracher - Prof. Shunthi Selvam/ Nilima Shende

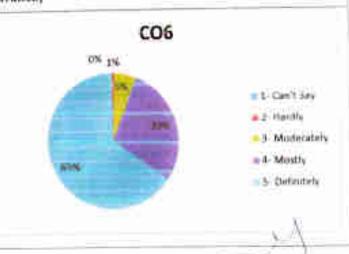
CO3: Identify engineering systems, variables, and parameters to formulate the project design and solve various problems. [Learn the water hammer phenamenon through demonstration]

Score	No. of students	Percentage (%)
1- Can't 5ay	0	0
2- Hardly	2	1
3- Moderately	7	.4
4-Mostls	49	27
5- Defindery	124	68
Total	182	100



CO6: Describe the requirement of knowledge, skills and attitudes for continuing professional development.
[Learn the wind tunnel testing through demonstration]

Score	No. of students	Percentage (%)	I
f-Can't Sity	D	0	j
2- Hardly	1	1	Ì
3- Moderately	10	5	Ī
4- Montly	52	29	j
5- Definitely	119:	65	1
Total	182	100	I



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Department of Civil Engineering

Academic Year: 2022-23 (Even)

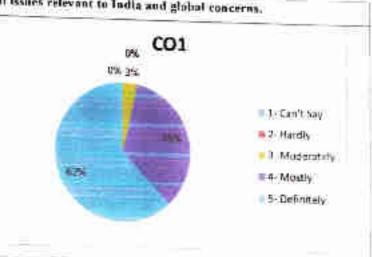
Course Exit Analysis Report (SEM VIII)

Subject - Environment Management (1LOC-2)

Subject Teacher - Prof. Dipika Patil

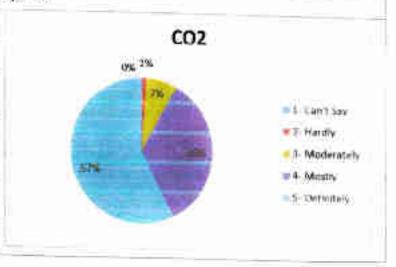
CO1: Understand and identify environmental issues relevant to India and global concerns.

No. of students	Percentage (%)
0	0
D	0
3	3
30	34
54	62
87	100
	0 0 0 3 30 54



CO2: Study the needs for sustainable development.

Score	No. of students	Percentage (%)
1- Carri Say	0	0
2- Hardly	(8	1:
3- Moderately	6	7
4- Mastly	30	34
5- Definitely	50	57
Total	87	100





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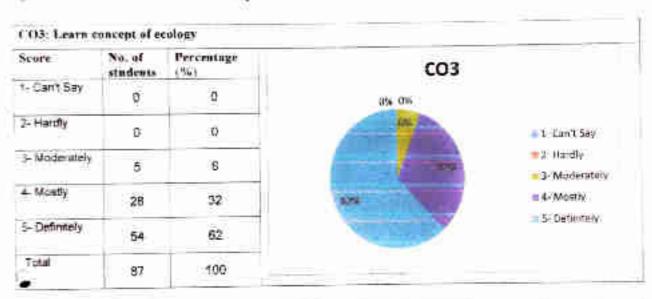
Department of Civil Engineering

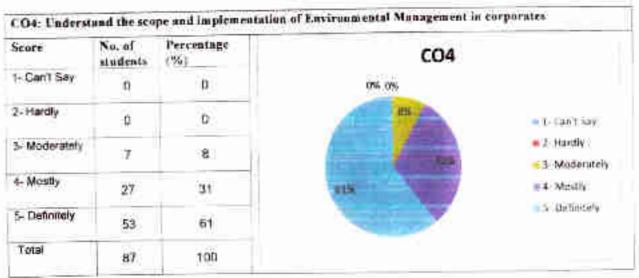
Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Environment Management (ILOC-2)

Subject Teacher - Prof. Dipika Patil









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Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject -Environment Management (ILOC-2)

Sobject Teacher - Prof. Dipika Patil

Score	No. of students	Percentage (%)	COS	
1- Cari'l Say	0	ø	ON ON	
2- Hardly	.0	0	PK S	m 1 Can't Say
3- Moderately	5.	6		# 2 Hardly
4. Mostly	27	31	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*3- Moderate
5- Definitely	55	63	624	# 4-Mostly
			The second second	= 3 Deminary
Total	87	100	The state of the s	= \$ Defin

Score	Na. of students	Percentage (%)	CO6	
1- Can't Say	0	0	1794 094	
2- Hardly	0	0	44	■ I- Can't Say
5- Moderately	7	8	No.	= 2 Hardly = 3 Moderately
4- Mostly	27	31	61N	# 4- Mostly
5- Definitely	53	51	1	a Denutry
Total	87	100		



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Department of Civil Engineering

Academic Year: 2022-23 (Even)

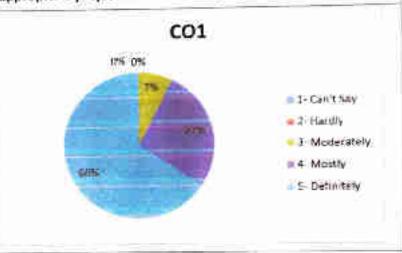
Course Exit Analysis Report (SEM VIII)

Subject -Project Management (ILOC-2)

Subject Teacher - Prof. Neha Sharma

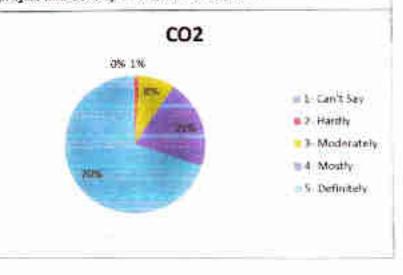
CO1: Apply selection criteria and select an appropriate project from different options.

Score	No. of students	Percentage (%)
1- Can't Say	n	0
2- Hardly	٥	Δ
> Moderately	.7	7
4- Mostly	26	27
5- Definitely	63	66
Total	96	100



CO2: Write work breakdown structure for a project and develop a schedule based on it.

Score	No. of students	Percentage (%)
t- Can't Say	O	0.
2- Hardly	3	
3- Moderately	8	8
4- Mostly	20	21
5. Definitely	67	70
Total	96	100





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Department of Civil Engineering

Academic Year: 2022-23 (Even)

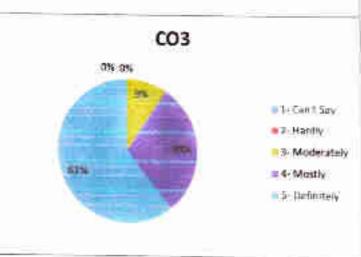
Course Exit Analysis Report (SEM VIII)

Subject -Project Management (ILt)C-2)

Subject Teacher - Prof. Neha Sharma

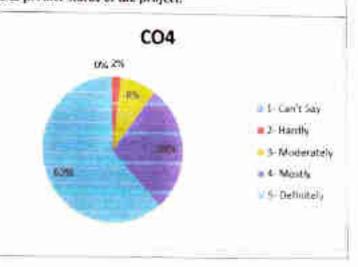
CO3: Identify opportunities and threats to the project and decide an approach to deal with them strategically

Score	No. of	Percentage
1- Can't Say.	0	0
:- Hardy	n	0
3- Moderately	9	9
4- Mostly	29	30
5- Definitely	58	60
Total	96	100



CO4: Use Farned value technique and determine & predict status of the project.

Score	No. of students	Percentage (%)
t- Can't Say	٥	G
2- Hardly	2	2
3- Moderately	8	8
4 Mostly	27	28
5- Definitely	59	61
Total	96	100





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Department of Civil Engineering

Academic Year: 2022-23 (Even)

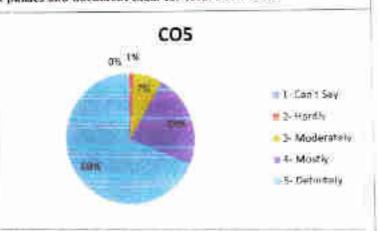
Course Exit Analysis Report (SEM VIII)

Subject -Project Management (ILOC-2)

Subject Teacher - Prof. Nehn Sharma

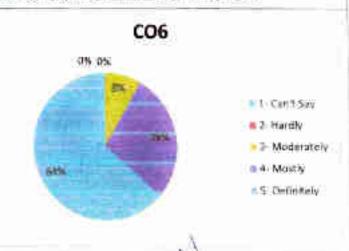
O5: Capture lessons learned during project phases and document them for future reference.

Score	No. nf	Percentage (%)
1- Can't Say	D	Ċ.
2- Hardly	4	1
3- Moderately.	7	7
4- Mostly	22	23
5- Definitely	66	.69
Total	96	100



O6: Learn project termination types and acknowledge the success and failures of the project.

Score	Nu. of students	Percentage (%)
- Can't Say	D	0
- Hardly	ø	٥
Moderately	1:83	8
- Mostly	27	28
5 Definitely	61	64
Total	96	100



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Department of Civil Engineering

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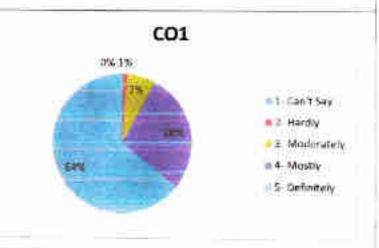
Course Exit Analysis Report (SEM VIII)

Subject - Construction Management

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam / Sanjay Singh

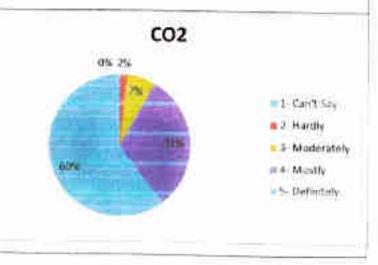
CO1: Understand & apply the knowledge of management functions like planning, scheduling, executing & controlling the construction projects

Score	No. of students	Percentage (%)
t- Cant Say	۵	0
Z- Hardly	2	7
3- Moderately	12	7.
4- Mostly	51	28
5- Definitely	117	64
Total	182	100



CO2: Discover the importance of construction Industry. Classify the construction Projects. Decide how to select the lay -out of a site.

Score	No. of students	Percentage (%)
1- Can't Say	D	0
2- Hardly	3	2
3- Moderately	12	7.
4- Mostly	57	:31
5- Detritory	110	60
Total	182	100







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Department of Civil Engineering

Academic Year: 2022-23 (Even)

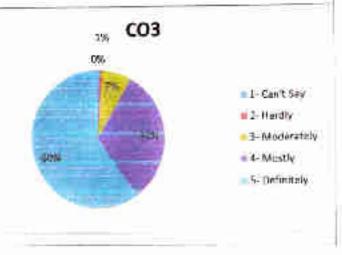
Course Exit Analysis Report (SEM VIII)

Subject - Construction Management

Subject Teacher - Prof. Mully Mathew / Shanthi Selvam / Sanjay Singh

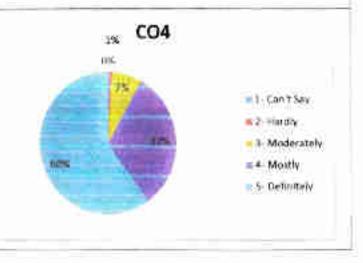
CO3: Construct feasible project schedule by using scheduling techniques like CPM and PERT and evaluate the critical path in the network.

Seure	No. of	Percentage (%)
t- Carr Say	1	1
2- Hardly	646	10
5- Moderately	13	7.
4- Mostily	58	32
5- Definitely	109	60
otal	182	100



CO4: Evaluate the daily resource requirement and interpret the best possible schedule from different combinations

Score	No. of students	Percentage (%)
- Can't Say	-1	1
2- Hardly	240	10
3- Moderately	13	7
4- Mostly	58	32
5- Definitely	109	60
Total	182	100







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Academic Year: 2022-23 (Even)

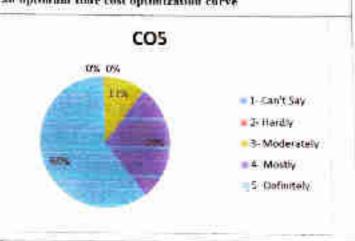
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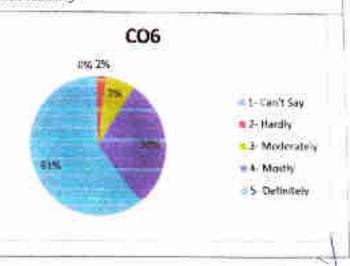
CO5; Analyze the given network and determine an aptimum time cost optimization curve

score	No. of students	Percentage 1%;
1- Can't Say	Đ	0
2- Hardly	n	ū.
- Moderately	19	10
4- Mostly	53	29
- Definitely	110	60
Total	182	100



CO6: Inspect the quality & safety measures on construction sites during execution of civil engineering projects and adopt the laws pertaining to construction industry

Score	No. of	Percentage (%)
1- Can't Say	0	0
2- Hardly	4	2
3- Moderately	13	7.
4- Mostly	55	30
5- Definitely	110	60
Total	182	100



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Department of Civil Engineering

Academic Year: 2022-23 (Even)

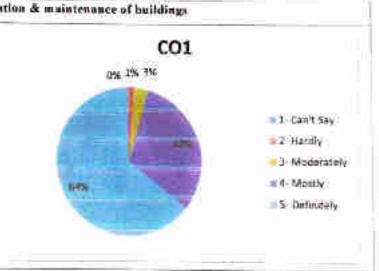
Course Exit Analysis Report (SEM VIII)

Subject - Repairs, Rehabilitation & Retrofitting Of Structures

Subject Teacher - Peof. Vinitha Juvar/ Prof. Mrinmayee Ganage/ Prof. Neha Chhanagani

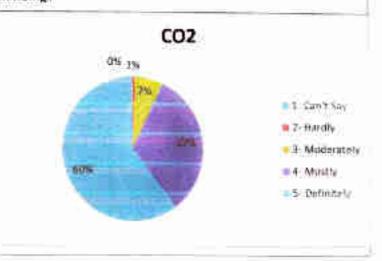
CO1: Explain the need for repairs, rehabilitation & maintenance of buildings

Score	No. of	Percentage (%)
1- Can't Say	0	Ω
2- Hardly	2	1
- Moderately	6	3
+ Mostly	57	31
5- Definitely	117	64
Total	182	.100



CO2: Judge the cause & extent of damage in buildings

Score	No. of students	Percentage (%)
1- Carrit Say	0	0
2- Hardly	્યું	1
3- Moderately	12	7
4- Mostly	59	32
5- Definitely	110	60
Total	182	100





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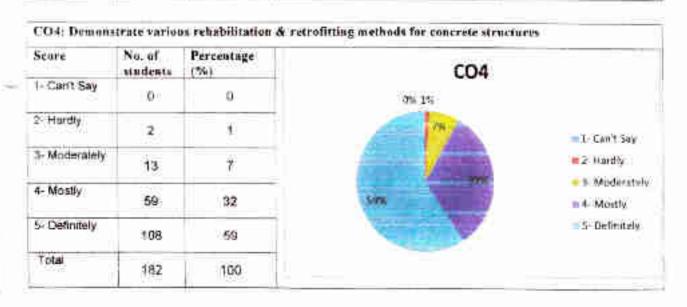
Academic Vear: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Repairs, Rehabilitation & Retrolitting Of Structures

Subject Teacher - Pruf. Vinitha Joyar/ Prof. Mrinmayee Ganage/ Prof. Neha Chhanagani

CO3: Select the appropriate repair materials & methods to rectify cracks & corrosion Score No. of Percentage CO3 students (36) 1+ Can't Say 0 0 0% 1% 2- Hardly 2 1-Can't Say Moderately 11 6 = 2- Hardly Moderately 4- Mostly 54 30 # 4- Mostly 6314 5- Definitely. 5 Uchnitriy 115 63 Total 100 182







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Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Repairs, Rehabilitation & Retrufitting Of Structures

Subject Teacher - Prof. Vinitha Jovar/ Prof. Mriumayee Ganage/ Prof. Neha Chhanagani

CO5: Understand causes & repair procedure for steel structures Score No. of Percentage. (25)CO5 students t- Can't Say 2- Hardly 1 #1- CmT Sky 3- Moderately 11 6 2 Hardh 4 Westelly 3- Moderately 55 30 #4 Mastly 5- Definitely 114 63 = 3- Codmittely PAR 182 108

TOO Understand the effect the earthquake & procedure for seismic retrolitting & maintenance of heritage structures

Seare	No. of students	Percentage (%)	1% CO6
1- Can't Say	13	1	0%
2-Hardly	*	1	is 1 Can't Say
3- Moderately	12	7	#2-Hatily
4- Mostly	57	31	# 3 Moderate # 4 Markly
S- Definitely	1440	61	> 5- Definitely
Total	182	100	

HOD Civil Dept.

Principal





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Department of Civil Engineering

Academic Year: 2022-23 (Even)

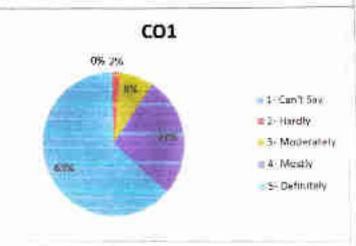
Course Exit Analysis Report (SEM VIII)

Subject - Construction Management TUTORIAL

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam / Sanjay Singh

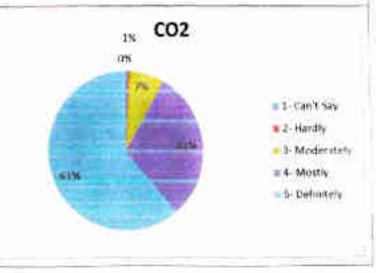
CO1: Understand & apply the knowledge of management functions like planning, scheduling, executing & controlling the construction projects

Score	No. ut	Percentage (%)
1- Cant Say	0:	0
2- Hardly	3	2
3- Moderately	14	8
4- Mostly	50	27
5- Definitely	115	63
Total	162	100



CO2: Discover the importance of construction Industry. Classify the construction Projects. Decide how to select the lay -out of a site

Score	No. of	Percentage (%)
1- Cant Say	1	97
2- Hardly	. 1	(4)
3- Moderately	13	7
← Mostly	56	31
5- Definitely	1111	61
Total	182	100







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Department of Civil Engineering

Academic Year: 2022-23 (Even)

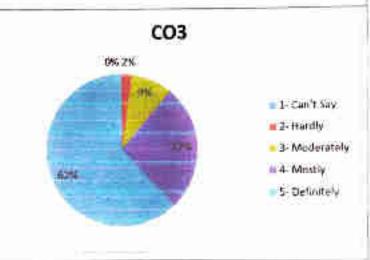
Course Exit Analysis Report (SEM VIII)

Subject - Construction Management TUTORIAL

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam / Sanjay Singh

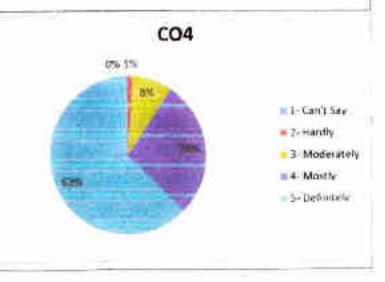
CO3: Construct feasible project schedule by using scheduling techniques like CPM and PERT and evaluate the critical path in the network.

Score	No. of students	Percentage (%)
1- Carlt Say	0	0
2- Hardly	4	2
3- Moderately	16	9
4- Mostly	49	27
5- Definitely	113	62
tital	182	100



CO4: Evaluate the daily resource requirement and interpret the best possible schedule from different combinations

Score	No. of students	Percentage (%)
t- Can't Say	0	0
2- Hardly	2	t
> Moderately	15	E
- Mostly	51	28
5- Definitely	114	63
Total	182	100







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Department of Civil Engineering

Academic Year: 2022-23 (Even)

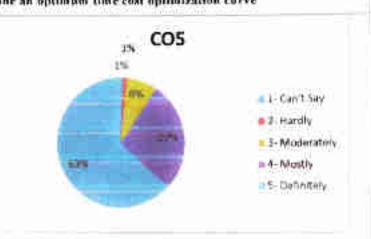
Course Exit Analysis Report (SEM VIII)

Subject - Construction Management TUTORIAL

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam / Sanjay Singh

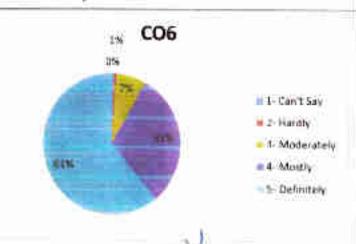
OS: Analyze the given network and determine an optimum time cost optimization curve

Score	No. of students	Percentage (%)
1- Cen't Say	1	1
2- Hardly	2	(*
3- Moderately	- 54	8
4- Mostly	50	27
5. Definitely	115	53
Total	182	100



O6. Inspect the quality & safety measures on construction sites during execution of civil engineering projects and adopt the laws pertaining to construction industry

Score	No. of students	Percentage (%)
1- Can't Say	1	্য
2- Hardly	1	3
5- Moderately	13	7
4- Mostly	56	31
5- Definitely	111	61
Total	182	100



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HOD Civil Dept. Principal SCOL





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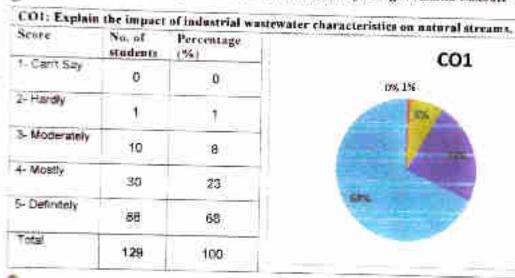
Department of Civil Engineering

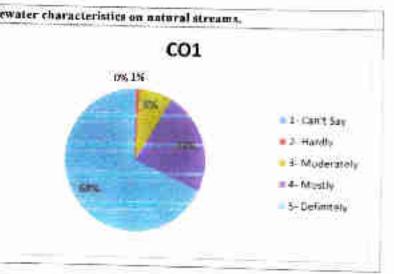
Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Industrial Water Treatment

Subject Teacher - Prof. Dr. Soumya Singh / Asmita Lakhote





Scare	No. of students	Percentage (%)	asures to protect the natural streams.	
1- Cent Say	0	0	0% osc	
2- Hardly	(0)	0	279,7	
3- Moderately	9	7		■ 1. Can't Say ■ 2. Herdly
l- Masty	36	28		 3- Moderatel ■4 Mostly
- Definitely	84	65	THE REPORT OF	= 5- Defentely
Total	129	100		



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Department of Civil Engineering

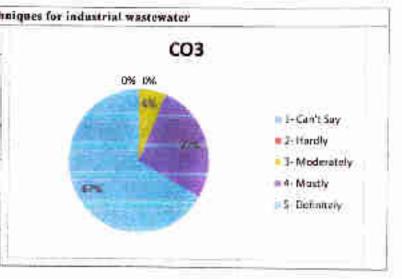
Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Industrial Water Treatment

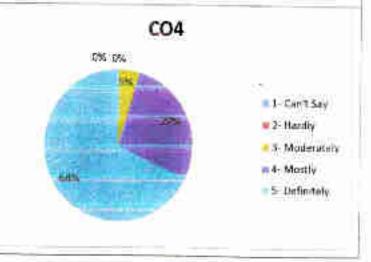
Subject Teacher - Prof. Dr. Saumya Singh / Asmita Lakhote

Score	Nu. of students	Percentage (%)
1- Can't Say	0	6
2- Hardly	0	0
3- Moderately	8	6
4- Mostly	35	27
5- Definitely	86	fi7
Total	129	100



UO4: Relate biological treatment concept and summarize various t	reatments along with advance
technologies.	

Scare	No. of students	Percentage	
1- Can't Say	0	0	
2- Hardly	0	0	
3- Moderately	6	8	Ī
	35	27	ï
5- Definitely	88	68	
Total	129	100	Ì





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Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

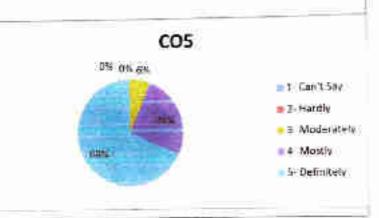
Subject - Industrial Water Treatment

Subject Teacher - Prof. Dr. Szumya Singh / Asmita Lakhote

(15: Relate biological treatment concept and summarize various treatments along with advance

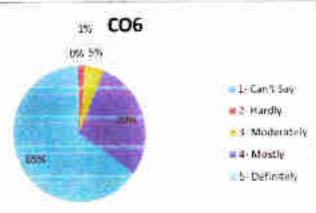
technologies.

Score	No. of students	Percentage (%)
t- Can't Say	0	Q:
2- Hardly	ō	0
3- Moderately	8	6
4- Mostly	33	26
5- Definitely	88	68
Total	129	100



(16: Evaluate legislative framework for the remediation of industrial wastewater through environmental and it, payironmental impact assessment and common effluent treatment plant.

Score	No. of students	Percentage (%)
1- Carl't Say	đ	0
2- Hardly	186	2
3- Moderately	H	5
4. V.559y	37	28
5- Definaciy	84	65
Total	129	100



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HOD Civil Dept. Principal





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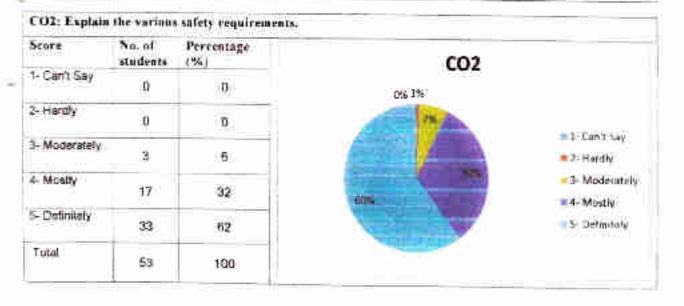
Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Construction Safety Subject Teacher - Dr. Raji S.

CO1: Apply safety mechanisms and enocepts for improving overall safety of construction sites. Score No. of Percentage students 1361 CO1 1- Can't Say 0 0 0% 2% 2% 2- Hardly 0 0 1. Carif Say 5- Moderately €2-Hardly 8 J- Moderately 4- Mostly # 4- Mostly 16 30 - 5- Definitely 5- Definitely 33 62 Total 59 100







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Department of Civil Engineering

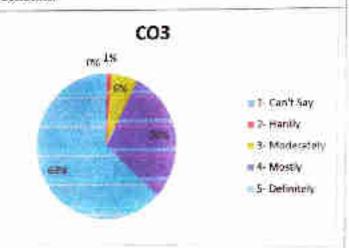
Academic Venr: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Construction Safety Subject Teacher - Dr. Raji S.

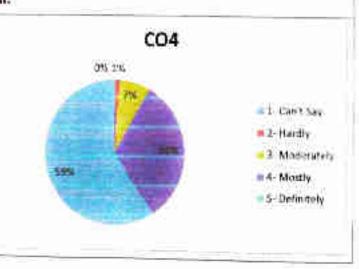
CO3: Explain the various techniques to prevent accidents.

Score	No. of	Percentage (%)
1- Can't Say	Đ	c
2- Hardy	0	0
3- Moderately	940	· g
e. Mostly	16	30
- Definitely	33	62
Total	53	100



CO4: Examine construction safety management.

Score	No. of students	Percentage (%)
1- Carri Say	O	0
2- Hardly	10	0
3- Moderately	3	5
4- Müstly	13	25
5- Definitely	37	70
Total	53	100





Sheeples National and Controlled Street

Department of Civil Engineering

Academic Year: 2022-23 (Even)

Course Exit Analysis Report (SEM VIII)

Subject - Construction Safety Subject Teacher - Dr.Raji S.

OS. Analyze safety noticies, methods and training on construction sites.

Score	No. of students	Percentage (%)	_{0%} CO5	
Can't Say	D	0	1% 6%	2000-000-000-000
2- Hardly	181			a 2 Can't Say
rescares Mills	0	.0		. # Hardly
3- Moderately	3	6	Marie Control	 T Moderately
4 Mostly	18	36	CPK	= 4 Monthly
5- Definitely	31	58	1	=5-Definitely
Total	53	100		

COn: Annie	Acres See	emperencialists.	anerations.
A A Dec - A STREET	CALL OF THE	COUNTING	tighters menneralist

Score	No. of students	Percentage (%)	1% CO6	
t- Can't Say	٥	0	0%	
- Hardly	0	0	173	or 1- Cents Say
3- Moderately	3	6	100 mm	 2- Hardly 3- Moderatel
4- Mostly	13	25	53N	# 4 hitestiy
5- Definitely	37	70		#5- Definitely
Total	53	100		



HOD Civil Dept. Principal SCOF



Anorgho: Fire Phorbie 410 310

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Design and Drawing of Steel Structure (Theory)

Subject Teacher - Prof. Shweta Motharkar/ Prof. Ashwini Bodkhe/ Prof. Roshni John

O.1. Understand usefulness of steel sections and able to use suitable philosophy for the design of steel structures.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 1
1- Can't Say	4.	2,61	= 2. Hardly	2.61% 2.61%
2-Hardy	4	2.61	= 3. Moderately	
3- Moderately	22	14.38	4. Mostly	34300
4- Mostly	49	32.03	= 5. Definitely	#A37%
5- Definitely	74	48.37		22.07%
Total	153	100		

CO.2. Categorize and design steel structural connections (bolted and welded)

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 2
1- Can't Say		2.61	= 2. Hardly	261% 2.61%
2- Hardly	9	2.61	= 3. Moderately.	
3- Moderately	21	13.73	# 4. Mustry	13.73% 46.81%
4- Mostly	53	34.54	S. Definitely	44 4134
5- Definitely	71	45.41		West
Total	153	100		



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Notice Photography 410 216

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Design and Drawing of Steel Structure (Theory)

Subject Teacher - Prof. Shweta Motharkar/ Prof. Ashwini Bodkhe/ Prof. Roshni
John

O.3. Design members subjected to axial tension using single angle and double angle section.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 3
- Can't Say	4	2.61	e 2. Mardly	2.61% 1.96%
- Hardly	3	1.96	3. Moderately	
3- Moderately	26	16.99	4. Mostly 5. Definisely	15.99%
Mostly	54	35.29		
- Definitely	66	43.14		8398
Total	163	100		

CO.4. Design and sketch the structural details of compression member including the design of columns and column bases.

No. of students	Percentage (%)	* 1. Can't Say	CO 4
4	2,61	2 Hardly	2.61% 2.61%
4	2.61	« 3. Moderately	
21	13.73	= 4. Mostly	13.79N
55	35.95	■ S. Definitely	45.10%
69	45.10		nmy
153	100		
	4 4 21 55 69	students (%) 4 2.61 4 2.61 21 13.73 55 38.95 69 45.10	# 1. Can't Say 4 2.61 # 2. Hardly 4 2.61 # 3. Moderately 21 13.73 # 5. Definitely 55 38.95 69 45.10



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Kharphar Non-Phonton 410 210.

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Design and Drawing of Steel Structure (Theory)

Subject Teacher - Prof. Shweta Motharkar/ Prof. Ashwini Bodkhe/ Prof. Roshni John

(a).5. Design laterally supported and unsupported beams and apply the concept in the design of welded

Score	No. of students	Percentage (%)	= 1 Cap't Say	CO 5	
1- Can't Say	4	2.61	= 2. Hardly	2.61%	3.27%
2- Hardy	5	3.27	= 3. Moderately		
3- Moderately	19	12.42	# 4. Mostly		12.42%
← Mostly	52	33.99	= 5. Definitely	47.71%	
5- Definitely	73	47.71		THE R	31.998
Total	153	100		1	

CO.6. Design and sketch the structural details of roof truss and steel roof truss.

Score	No. of students	Percentage (%)	⇒ 1. Can't Say	CO 6	
- Carit Say	4	2.61	= 2. Hardly	25	1N 4.58%
- Hardly	7	4.58	« 3. Moderately	400	Jan.
3- Moderately	19	12.42	4. Mostly		12.42K
L- Mostly	54	35,29	# 5. Definitely	65.10N	
5- Definitely	69	45.10		THE PERSON NAMED IN	0.0%
Total	153	100		4	-11

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Department of Civil Engineering

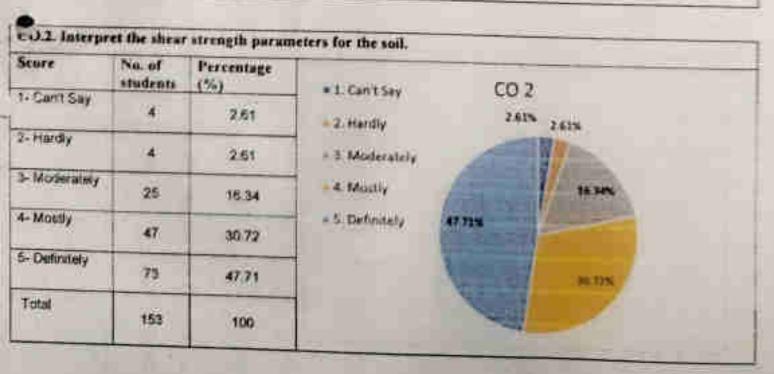
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Geotechnical Engineering-II (Theory)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai

CO.1. Appraise the consolidation parameters for the soil Whire. No. of Percentage students. (2%) CO 1 * 1. Can't Say 1- Carrt Say \$27% 5 3.27 = 2. Harrily 2.51% 2- Hardly = I. Moderately 251 11.764 5- Moderately 4. Mostly 18 11.75 = 5. Definitely 4- Mostly 57 33.99 5- Definitely 11,995 74 48.37 Total 153 100





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SARASWATI College of Engineering

Energy For Thursday 410 310

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Geotechnical Engineering-II (Theory)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai

CO.3. Estimate the factors of safety of different types of slopes under various soil conditions and infer the spating of slopes, retaining walls & lateral earth pressures.

Senre	No. of students	Percentage (%)	⇒ 1. Can't Say	CO 3	
1- Carit Say	5	3.27	2. Hardly	3.27%	1.31%
2- Hardy	ź	1,31	1 Moderately		17.774
3- Moderately	21	13.73	s-4. Mostly	46,43%	13.78%
4- Mostly	54	35.29	= 5. Definitely	an, ess	
5- Definitely	71	46.41		THE STATE OF THE S	35,225
Total	153	100			

CO.4. Calculate the lateral earth pressure using Runkine, coulombs and graphical method also evaluate the stability analysis of gravity and cantilever retaining walls

Score	No. of atudents	Percentuge (%)	w 1. Can't Say	CO 4
1- Carlt Say	5	3.27	2. Hardly	3.27% 1.27%
2- Hardly	5	3.27	3 Moderately	
3- Moderately	23	15.03	+ 4. Mostly	15.02N
4- Mostly	50	32.68	= 5. Definitely	**************************************
5- Definitely	70	45.75		13.000
Total	153	100		

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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Geotechnical Engineering-II (Theory)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai

CO.5. Evaluate the bearing capacity of shallow foundation using theoretical, field methods. Vexic methods and IS code method.

Score	No. of students	Percentage (%)	72mmma	CO 5	
1- Can't Say	6	3.92	= 1 Can't Say	3.92%	2.000
Ministricity	3	1.96	- 3. Moderately		1.96%
3- Moderately	25	16.34	4. Mostly		1634X
- Mostly	48	31.37	* 5. Definitely	46.41%	
5- Definitely	71	45.41			N.T.O.
Total	153	100			

CO.6. Determine the load bearing capacity of individual as well as group of pile foundations and their settlement using theoretical and field Method.

Suc.	No. of students	Percentage (%)	# 1. Can't Say	50.5
1- Can't Say	6	3.92	= 1. Can't Say	CO 6
2- Hardly	- 5	3.27	= 2. Hardly = 3. Moderately	3.92% 3.27%
3- Moderately	26	16.99	4. Mostly	18 700
4- Monthy	.51	33.33	* 5 Definitely	AZAIN
5- Definitely	65	42.46		Mark
Total	153	100		

HOD Civil Dept.

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Knowledge Man Phones: 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Water Resources Engineering (Theory)

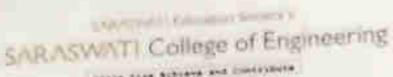
Subject Teacher - Prof. Hemant Sarje/ Prof. Rachel Gitty

CO.1. Summarize the basics of Irrigation engineering and types of irrigation projects along with National

Score	No. of students	Percentage (%)	e 1. Can't Say	CO 1	
t- Can't Say	3	:1.96	= 2. Hardly	1.96%	1.31%
2- Hardly	2	1.31	= 1. Moderately	4	14.30%
3- Moderately	22	14.38	#4: Mostly	AT DES	
4- Mostly	54	35.29	= 5. Definitely		
5- Definitely	72	47.06			25.295
Total	153	100		1	

CO.2. Determine flood discharge and Runoff by traditional and modern usage tools for planning and management of water resources projects.

Score.	No. of students	Percentage (%)	* 1. Can't Say	CO 2
1- Carrt Say	3	1.90	= 2. Hardly	1.96% 1.27%
2- Hardly	5	3.27	= 3. Moderately	
3- Moderately	25	16,34	- 4. Mostly	1636%
4- Mostly	53	34.64	= 5. Definitely	
5- Definitely	67	43.79		Water
Total	153	100		



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Department of Civil Engineering

Academic Vest: 2022-2023

Course Exit Report Analysis (SEM-VI)

Subject - Water Resources Engineering (Theory)

Subject Teacher - Prof. Hemant Sarje/ Prof. Rachel Citty

CO.3. Apply knowledge so ground water, well hydraulics to estimate the safe yield and ground water

Batential.

Scure	Na. sd students	Percentage (%)
1- Carl Say	4	3.27
p. Hardy	HE:	3.27
5-Woderalmy	30.	19,61
s- Mostly	48	31.37
5- Definitely	-66	42.48
Total	153	100

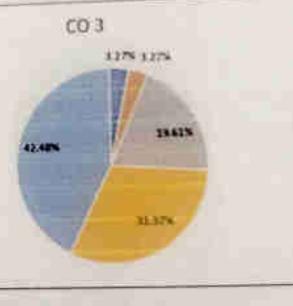
e E. Can't See

= 2. Hardly

- 3: Allocterately

- 4. Mostly

w.S. Definitely



CO.4. Analyze and design gravity dams and earthen dams with spillways for sustainable development.

Sture	No. of students	Percentage (%)
1-Can't Say	5	3.27
2- Hardly	6	3.92
3- Moderately	24	15.69
4- Mostly	54	35.29
5- Definitely	64	41.83
Total	153	100

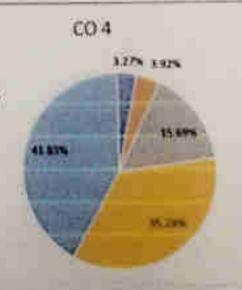
* 1. Can't Say

- 2 Faidly

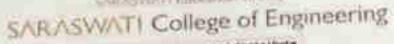
- 3. Moderately

4. Mostly

= 5. Definitely



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Shorter base Planter 419 319

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Water Resources Engineering (Theory)

Subject Teacher - Prof. Hemant Sarje/ Prof. Rachel Gitty

iusre.	No. of students	Percentage (%)	# 1. Can'T Say	CO 5	153396
Clarif Swy	4	2.61	= 2_Hardly	2.61%	Time-
Hardy	2	1:31:	= 3. Moderately	Aller	17.65%
- Moderately	27	17,65	. 4. Mostly . 5. Definitely	41,83%	
← Mostly	56	36.60	a 3. Desimilary		
5- Deficitely	64	41.83			30,60%
Total	153	100		7	

2).6. Classify and explain various canal structures and suggest remedial measures for water logging to save fertile irrigation.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 6
1- Can't Say	3	1,96.	2. Hardly	1.96% 5.88%
2- Hardly	9	5.68	× 3. Moderately	
3- Moderately	22	14.38	s 4. Mostly	43.70%
4- Mostly	52	33.99	= 5. Definitely	AS 70%
5- Definitely	67	43.79		SLATE.
Total	153	100		



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Department of Civil Engineering

Academic Year: 2022-2023

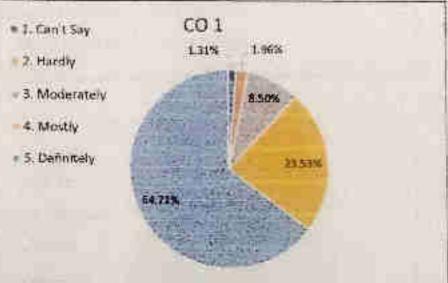
Coarse Exit Report Analysis (SEM-VI)

Subject - Environmental Engineering (Theory)

Subject Teacher - Dr. Raji.S/ Dr. Saumya Singh

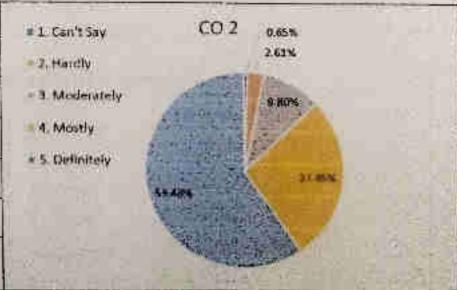
CO.L. Understand and analyse the quality of water and make outline of water Supply scheme.

Score	No. of students	Percentage (%)	
1- Can't Say	2	1.31	
2- Hardly 3- Moderatery	3	1.96	
3- Moderatery	13	8.50	1
4- Mostly	36	23.53	1
5- Definitely	99	64,71	1
Total	153	100	



CO.2. Design the various units of water treatment plant and apply the advanced, miscellaneous treatments whenever necessary.

Scure	No. of students	Percentage (%)
San't Say	1	0.65
2- Hardly	4	2.51
3- Moderately	15	9.80
4- Mostly	42	27.45
5- Definitely	91	59.48
Total	153	100
	153	100





Learn Live Achieve and Contribute Kherghie New Mumbol 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Environmental Engineering (Theory)

Subject Teacher - Dr. Raji.S/ Dr. Saumya Singh

CO.5. Design the units of sewage treatment plant. Also, able to apply the knowledge of low-cost treatment and stream sanitation.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 5	
1- Can't Say	4	2.61	= 2. Hardly	2.61%	0.65%
2- Hardly	1	0.65	= 3. Moderately		13.07K
3- Moderately	20	13.07	- 4. Mostly		
4- Mostly	47	30,72	=5. Definitely	52.94N	
5- Definitely	81	52.94		THE	36.72%
Total	153	100			

CO.6. Understand air pollotion, noise pollution and functional elements of solid waste management.

Score	No. of students	Percentage (%)	# 1: Can't Say	CO 6		
1- Carr't Say	4	2.61	2. Hardly	2:61		
2- Hardly	6	3.27	3 Moderately	A	NAON	
3- Moderately	15	9.60	4. Mostly	450		
4- Mostly	-44	28.76	= 5. Definitely	55.56N	38.70%	
5- Definitely	85	55,56		NEWFE		
Total	153	100	S.	1		

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Construction Equipment and Techniques

Subject Teacher - Prof. Chaitali Isal/ Prof. Pramod Sutar

CO.1. Summarize the use and application of various conventional construction equipment's in different construction projects.

Scere	No. of students	Percentage (%)		Chi
Cant Say	2	1.31	4 1. Can't Say	CO 1
Pardy	Q	0	#3. Moderately	2.80%
- Moderately	12	7.64	= 4. Mostly	
Mostly	48	31:37	6.5. Definitely	пр
Definitely	91	59.48		O. ATTA
Total	153	100		

CO.2. Explain advance methods and special equipment used for under-ground as well as under water tunnelling.

3 © 1	No. of students	Percentage (%)	• 1: Can't Say	co	2	
1. Carri Say	2	1.31	# 2. Handly		131% 2AW	
2- Hardly	Ä	2,61	- 3. Moderately		The same	
3- Moderately	19	12.42	- 4. Mostly	uex		
4- Mostly	45	26.80	+5. Definitely	56.00%	126,875	
5- Definitely	57	56.66		1		
Total	153	100				



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SARASWATI College of Engineering

Share been Achieve and Contribute Khargher Para Phonics 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Construction Equipment and Techniques

Subject Teacher - Prof. Chaitali Isal/ Prof. Pramod Sutar

CO.3. Compare the conventional and modern methods of form work on the basis of productivity, reuse value, ease of erection and dismantling, flexibility offered and overall cost.

Scare	No. of students	Percentage (%)	* 1. Can't Say	CO 3	
1- Carrt Say	2	1.31	2. Hardly	THE .	
2- Hardly	5	3.27	- 3. Moderately	1	9355
3- Moderately	14	9.15	4. Mostly		
4- Mostly	49	92.09	# 5. Definitely	425%	32 01%
5- Definitely	83	54.25	1		
Total	153	100		1	

CO.4. Identify different methods/equipment of construction for road/flyovers/bridge projects and systems for locating under-ground utilities

No. of	Percentage (%)	= 1 Can't Say	CO 4	0.65%	
	0.65	× 2. Hantily		1.16%	
3	1.95	- I Moderately	4	200	
19	12.42	- 4 Mostly	1		
42	27.45	= 5. Definitely		37.60%	
68	57.52				- 1
153	100		400		
	1 3 19 42 68	1 0.65 1 0.65 3 1.96 19 12.42 42 27.46 68 57.52	### 1 0.65 = 1 Can't Say 1 0.65 = 2 Hantly 3 1.96 = 3 Moderately 19 12.42 = 5 Definitely 42 27.46 = 68 57.52	### 1 Can't Say CO 4 1 0.65 1 1.96 1 1.96 1 Moderately 1 2.42 4 Mostly 5 Definitely 68 57.52	### 1 0.65 = 1 Can't Say

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SARASWATI College of Engineering

Storm Live Achieve and Contribute Kingdom Non-Humber 410 216

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Construction Equipment and Techniques

Subject Teacher - Prof. Chaitali Isal/ Prof. Pramod Sutar

Scare	No. of students	Percentage (%)	*1. Can't Say	CO 5	
1- Carri Say	2	1:31	s 2. Hardly	1339	1,97%
2- Hardly	6	3,92	= 3. Moderately	4	7,84%
3- Moderately	12	7.84	4. Mestly	AREA .	
4- Mostly	45	30.07	S. Definitely	56.56%	10.075
5- Definitely	87	55,86			
Total	153	100			

CO.6. Discuss the techniques involved and the equipment required thereof for construction of various transporting facilities. Choose proper equipment for construction of transporting facilities based on a nection.

Score	No, of students	Percentage (%)	= 1. Can't Say	CO 6
1- Carrt Say	4	2.51	= 2. Hardly	2.61N 2.61N
2- Hardly	4	2.51	= 3. Modurately	U495
3- Moderately	19	12,42	4. Mostly	
4- Mostly	40	26.14	S. Definitely	36.21N 36.31%
5- Definitely	86	56.21		
Total	153	100		- CONTRACTOR OF THE PARTY OF TH

HOD Civil Dept. Principal



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Department of Civil Engineering

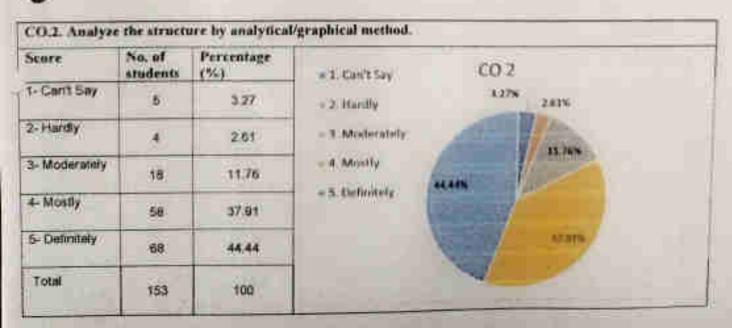
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Design and Drawing of Steel Structure (Lab)

Subject Teacher - Prof. Shweta Motharkar/ Prof. Ashwini Bodkhe/ Prof. Roshni John

ente	No. of students	Percentage (%)	⇒ 1. Can't Say	CO 1	
Can't Say	2	1,31	- 2. Hardly	1.31%	1.96%
Hardy	3	1,96	= 3. Moderately		11.76%
- Moderately	18	11,76	4. Mostly	Allen	
Mostly	55	35,95	= 5. Definitely	4100%	
Definitely	75	49.02		(STEEL	25.5%
Total	153	100			





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SARASWATI College of Engineering

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Department of Civil Engineering

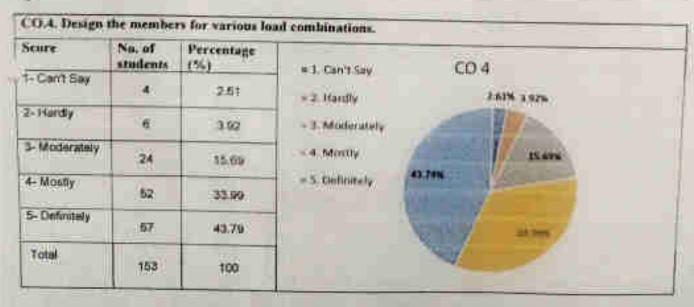
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Design and Drawing of Steel Structure (Lab)

Subject Teacher - Prof. Shweta Motharkar/Prof. Ashwini Bodkhe/Prof. Roshni John

Score	No. of students	Percentage	= 1. Carc't Say	CO 3
1- Cent Say)(6:	3.92	= 2. Harely	3,929 4589
2- Hardly	7	4.58	- II. Moderately	
3- Moderately	119	12.42	- 4 Mostly	12.43%
€ Moetly	47	30.72	% S. Definitely	40.325
5- Definitely	74	48.37		347/6
Total	153	100		





SARASWATI College of Engineering

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Department of Civil Engineering

Academic Vear : 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Design and Drawing of Steel Structure (Lab)

Subject Teacher - Prof. Shweta Motharkar/ Prof. Ashwini Bodkhe/ Prof. Roshni John

5. Design the bulted and welded connection. Read and Prepare the detailed fabrication drawing and design report

Score	No. of students	Percentage (%)	+1 Can't Say	CO 5	
i- Cant Say	3	1.96	= Z. Hardly	1.96%	3.27%
2- Hardly	5	3.27	* II. Moderately	400	Water .
3- Moderately	21	13.73	4 Mostly	AND DESCRIPTION OF THE PERSON	13.71%
4- Mostly	52	33.99	- 5. Definitely	47.00%	
5- Definitially	72	47,06		Time.	(82.89N)
Total	153	100			

CO.6. Read and Prepare the detailed fabrication drawing and design report.

ione.	No. of students	Percentage (%)	* 1. Can't Say	CO	6
1- Carit Say	4	3.27	= 2. Handly		1.27% 4.58%
2- Hardly	7	:4.68	= 1: Moderately		The same
3- Moderately	19	12.42	A Morely	- CHAPTER	12.42N
4- Mostly	52	33.09	5 Definitely	45.75N.S.	
5- Definitely	70	4575		1200	31395
Total	153	100		1	

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Department of Civil Engineering

Academic Vear : 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Geotechnical Engineering- II (Lab)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai

CO.1. Examine the consolidation parameters such as coefficient of compressibility, coefficient of volume change, coefficient of consolidation.

Score	No. of	Percentage (%)	074 March 2000	CO.1	
- Carrt Say	3	1.96	= 1 Can't Say = 2 Hardly	CO 1	458%
ardly	7	4.58	2 Moderately	-	
5- Moderately	16	10.45	4. Mostly	4	10.46%
V- Mostly	49	32.03	= 5. Definitely	50.98%	
5- Definitely	78	50.98			82.00%
Total	153	100		1	

CO.2. Analyze the cohesion and angle of shearing resistance for various soil types.

Scure	No. of students	Percentage (%)	#1 Can't Say	co:	2
t gen't Say	4	2.61	2. Hardly		2.61% 2.02%
2- Hardly	6	3.92	= 3. Moderately	-/4	1
3- Moderately	21	13.73	- 4. Mostly	Anna I	1373%
4- Mostly	48	31.37	* S. Definitoly	48.37%	
5- Definitely	74	48.37		VIII.	30.0%
Total	153	100		1	



Chargier him Physics 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-VI)

Subject - Geotechnical Engineering- II (Lab)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai

CO.3. Summarize the CBR value of soil for pavement design. @re No. of Percentage students (%) CO 3 = 1. Can't Say 1- Carrit Say 1.31 5.33% = 2. Hardly 5.21% 2- Hatdiy 8 5.23 * 3. Moderately 3- Moderately 4 Mostly 15:0HG 23 15.03 5. Definitely 4 Mostly 45.67% 44 28.76 5- Definitely 70 49.57 25.76% Total 153 100

Scare	No. of students	Percentage (%)	* I. Can't Say	CO 4
1- Carrt Say	3	1.96	= Z. Hardly	Lines S.BIN
2- Hardly	9	5.88	- 3. Moderately	
3- Moderately	18	11.76	= 4. Mostly	13.70
4- Mostly	47	30.72	S. Definitely	**************************************
5- Definitely	76	49.67		Victorial Mark
Total	153	100		



Rhington blue Planter ATT 378

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Geotechnical Engineering- II (Lab)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai

Score	No. of students	Percentage (%)	tribution in sails due t	CO	
1- Can't Say	5	3.27	= 1. Can't Say = 2. Kardly	1,000	2.27% 3.92%.
Hardly	8	3.92	= 3 Moderately	1	W War
3- Moderately	17.	31.11	4. Mostly		HIN
4- Mostly	53	34.64	= 5. Definitely	47.06%	
5- Definitely	72	47.06		1	Miles.
Total	153	100			

Scure	No. of students	Percentage (%)	» I. Can't Say	CC	06
Sant Say	.741	2.61	= 2_Hardly		261% 5.27%
2- Hardly	8	5.23	+ 3. Moderately		THE REAL PROPERTY.
5- Moderately	26	16.99	= 4. Mostly	1	36.98%
4- Montly	43	28:10	x.5. Deficitely	47.00%	
5- Detroitely	72	47.06		-	alm
Total	153	100		1	



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MERSON CENTER STORY SARASWATI College of Engineering

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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Water Resource Engineering (Lab)

Subject Teacher - Prof. Hemant Sarje/ Prof. Rachel Gitty

CO.1. Classify various techniques of water distribution and compute water requirement of crops. Score No. of Percentage students. (%) 1+ Can't Say * 1: Can't Say CO 1 1 0.65 0.00% 1.27% = 2. Hardly. 2-Hardly 5 3.27 a. J. Moderately 3- Modermaly 13,02% 4. Mastly 20 13.07 4- Mostly ■ 5 Definitely. 50 32 58 5933% 5- Definitely 17,62% 77 50:33 Total 153 100

CO.Z. Con	cinge in detail	about hydrolog	ical process and interpret plotting of hydrographs.
Score	No. of	Percentage	

Score	No. of students	Percentage (%)		co-	10000
1- Carlt Say	3	1.96	L Can't Say 2. Hardly	CO 2	1274
, Surdy	5	3.27	= 1. Muderately	100	The same
3- Moderately	14	9.16	4: Mostly		%.15%.
4- Mostly	60	39.72	5 Definitely	46.41%	
5- Definitely	71	40.41		1000	39,22%
Total	153	100			



SAMOVATTI Education Science's

SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Water Resource Engineering (Lab)

Subject Teacher - Prof. Hemant Sarje/ Prof. Rachel Gitty

CO.3. Apply their knowledge on well hydraulies and compute discharge from an aquifer.

Core	No. of students	Percentage (%)	w 1. Can't Say	CO 3	0.65%
1- Can't Say		0.65	# 2. Hardly		2.61%
2< Hardly	4	2.61	3. Moderately	All	-
3- Moderately	25	16.34	4. Mostly		16.34%
4- Mostly	54	35,29	S. Definitely	45.10%	
5- Definitely	69	45.10			15.29%
Total	153	100			

Categorize various hydraulic structures such as dams and carry out its analysis for structural stability.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO4	
t- Carri Say	3	1.95	= 2. Hardly	1,96%	458%
2- Hardly	7	4.58	2. Moderately		
3- Moderately	-24	15.69	4. Micerly	ATTE	15.60%
4- Mostly	48	31.37	- 5 Deficiely	49.47#	
5- Definitely	71	45.41		Carrie .	inns.
Total	153	100		1	



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Water Resource Engineering (Lab)

Subject Teacher - Prof. Hemant Sarje/ Prof. Rachel Gitty

CO.5. Compare different silt theories related to irrigation channel and design the same. Score No. of Percentuge CO 5 students (25) = 1. Can't Say 1- Can't Say 1.333% 2 1.31 523% = 2. Hardly 2 Hardly - 3. Moderately 8 5.23 13.73% 3- Moderately 4 Mostly 21 13.73 + S. Definitely 4- Mostly 51 33.33 5- Definitely 11.13 710 46.41 Total 100 153

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 6	
- Can't Say	2	1.31	= 2, Hardly	LHS	4.58%
- Hardly	(7)	4.58	- 3. Moderately	45	7.00
3- Moderately	23	15.03	4. Mastly	48.17%	15,01%
4- Mostly	47	30.72	= 5. Definitely	ELIN.	
5- Definitely	74	48.37			30.00N
Total	153	100			

Principal

HOD Civil Dept.



Story time Antique and Contactude Kinggon New House, 410 km

Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Environmental Engineering (LAR)

Subject Teacher - Dr. Raji.S. Dr. Saumya Singh

CO.1. Impart the knowledge on quality or characteristic of water and wastewater sample.

Lete	No. of students	Percentage (%)	# 1. Cent Say	CO 1
1- Cam't Say	1	0.65	= 2 Hardly	0.85% £40%
2-Herdy	1	0.65	- 3 Moderately	7.19N
5- Moderately	11	7.19	+4 Mostly	
4-Mostly	42	27.45	+ 5. Definitely	
5- Delbridely	98	64.05		HON.
Total	153	100		

- 2,2. Interpret the required treatment for water and wastewater based on standards and norms

Store	No. of	Percentage (%)	* I Can't Say	CO 2	
i- Cert Say	2	1.01	+ 2. Hantly	3	NIN ZAFR
2- Hardly	4	2.01	+ 3. Maderately		12.07%
S- Micheratory	20	13.97	o S Electronicy		
4- Mostly:	39	25.40	The Property of	3752%	Alth
5- Definitery	68	67.52		1	
Total	153	100			1000



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SARASWATI College of Engineering

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Department of Civil Engineering

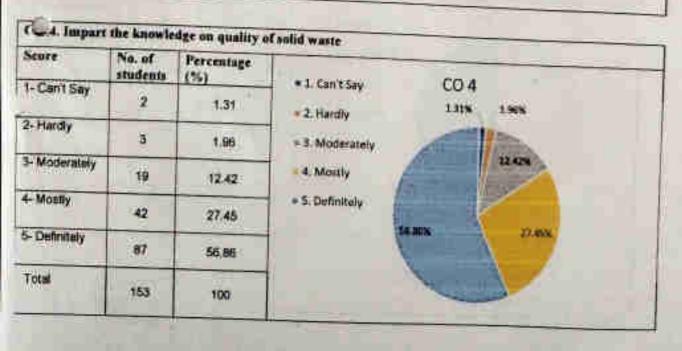
Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Environmental Engineering (LAB)

Subject Teacher - Dr. Raji.S/ Dr. Saumya Singh

CO.3. Identify the required treatment for water water based on the sewage dispusal standards and norms Percentage students (%) 1- Can't Say * 1. Can t Say 003 0.65 0.65% 3.77% 2. Hardly 2- Hardly 5 3.27 3. Moderately 3- Moderately **4.15%** 4. Mostly 14 9.15 4- Mostly = 5 Definitely 49 32.03 5- Definitely SE TIME 84 54.90 Total 153 100





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Kharghar, Navi Mumbin: 410 210.

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Environmental Engineering (LAB)

Subject Teacher - Dr. Raji.S/Dr. Saumya Singh

CO.5. Measure the concentration of particulate matters, dust and dispersed pollutants in air

Score	No. of students	Percentage (%)	e 1. Can't Say	CO 5
1- Can't Say	3	1,96	2. Hardly	1.96% 2.61%
2- Hardly	4	2.61	= 3. Moderately	R SON
3- Moderately	13	8.50	4. Mostly 5. Definitely	
4- Mostly	46	30.07	S. Denniery	56.86%
5- Definitely	87	56,86		
Total	153	100		

CO.6. Inspect the levels of noise and interpret the results

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 5
1- Can't Say	2	1,31	# 2. Hardly	1.31% 3.27%
2- Hardly	5	3.27	» 3; Moderately	11.70%
3- Moderately	18	11.76	a 4. Mostly	CUA C
4- Mostly	42	27.45	s 5. Definitely	6.25% 37.65%
5- Definitely	86	66.21		
Total	153	100		

HOD Civil Dept. Principal SCOT.



SARASWATI Education Society's

SARASWATI College of Engineering

Kharghar Nava Phoreims 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Skill Based Lab Course - III

Subject Teacher - Prof. Manoj Pillai/ Prof. Ashwini Bodkhe

Store	No. of	Percentage (%)	* 1. Can't Say	CO 1	5
- Can't Say	1	0.65	≈ 2. Hardly	0.65%	1318
2- Hardly	2	1.31	≈ 3. Moderately		15.03%
3- Moderately	23	15.03	4. Mostly	A	
4- Mostly	40	26.14	■ 5. Definitely	Se fight	26.14%
5- Definitely	87	56.86			
Total	153	100		1	

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 2	
1- Can't Say	2	1,31	2. Hardly		1% 2.61%
2- Hardly	4	2.61	+ 3. Moderately	450	
3- Moderately	20	13.07	4. Mostly		11.07%
4- Mostly	45	29.41	≈ 5. Definitely	33.50%	
5- Definitely	82	53.59		()	25.41%
Total	153	100			



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SARASWATI College of Engineering

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Department of Civil Engineering

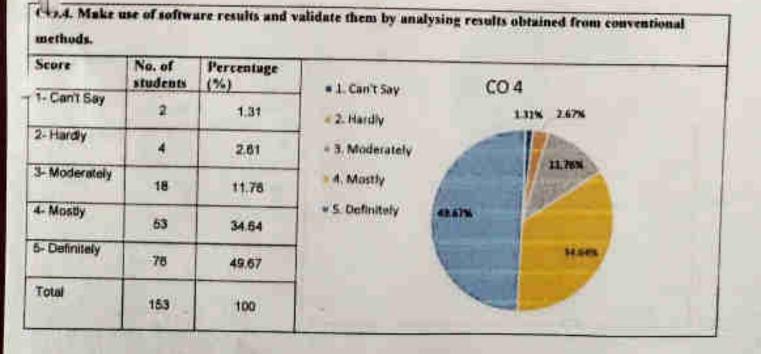
Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Skill Based Lab Course - III

Subject Teacher - Prof. Manoj Pillai/ Prof. Ashwini Bodkhe

CO.3. Determine the rate of flow through open channel 1, nre No. of Percentage students (%) CO 3 1. Can't Say 1- Can't Say 2 1.31 1.31% 1.77% 2. Hardly 2- Hardly 5 3:27 = 3. Moderately 3- Moderately 4 Mostly. 24 15.69 5. Definitely 47.71% 4- Mostly 49 32.03 5- Definitely 73 47.71 12 0 15 Total 153 100





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Skill Based Lab Course - III

Subject Teacher - Prof. Manoj Pillai/ Prof. Ashwini Bodkhe

Score	No. of	Percentage (%)	■ 1. Can't Say	CO 5
1- Can't Say	2	1.31	= 2. Hardly	1.31N 3.27%
2- Hardly	5	3.27	# 3, Moderately	1
Moderately	22	14,38	- 4. Mostly	16.30
4- Mostly	49	32.03	■ 5. Definitely	48.02%
5- Definitely	75	49.02		33.0
Total	153	100		

Score	No. of students	Percentage (%)	• 1. Can't Say	CO 6	
1- Can't Say	3	1,96	= 2. Hardly	196%	1.96N
Hardly	3	1,96	= 3. Moderately		
3- Moderately	26	16.99	# 4. Mostly		15.99N
4- Mostly	49	32.03	S. Definitely	47.06%	
5- Definitely	72	47.06			NEMNE)
Total	153	100			1

Civil Dept.



SARASVOLE Education Society's

SARASWATI College of Engineering

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Department of Civil Engineering

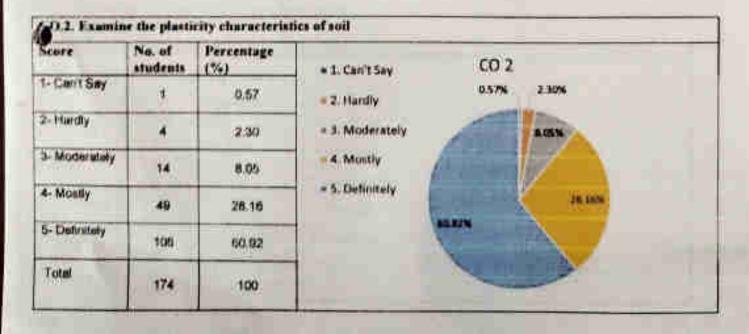
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Mini Project- 2B

Subject Teacher - Prof. Yugandhara Kasture

CO.1. Illustrate the problems based on societal /research needs and formulate a solution strategy. No. of sere. Percentage CO 1 students (%) * 1. Cmn't Say 1- Can't Say 2.63% 1.96% 1.96 = 2. Hardly 2-Handly = 3. Moderately 2.61 4 0.154 4. Mostly 3- Moderately 9.15 = 5. Definitely 4 Mostly 45 29.41 29.43% 5- Definitely 56.85 87 Total 100 153





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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Mini Project- 2B

Subject Teacher - Prof. Yugandhara Kasture

CO.3. Summarize the sieve analysis of soil, plot grain size distribution curve and determine the IS classification of soil.

Score	No. of students	Percentage (%)	• 1. Can't Say	CO 3	
1- Can't Say	2	1,31	= 2. Hardly	1.31%	1.96%
2- Hardly	3	1,96	#3. Moderately	A	11.76N
3- Moderately	18	11.76	4. Mostly		
4- Mostly	48	31.37	= 5. Definitely	53.59N	31,37%
5- Definitely	82	53.59		The state of the s	
Total	153	100			

CO.4. Identify the systematic flow chart, evaluate inter disciplinary practices, devices, available software, extimate and recommend possible solutions.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4	
1- Can't Say	3	1.96	=2. Hardly	1.96%	131%
2- Hardly	2	1.31	# 3. Moderately	1	E.50%
3- Moderately	-13	8.50	4 Mostly		
4- Mostly	53	34.64	# 5. Definitely	53.59%	31415
5- Definitely	82	53.59		1	
Total	153	100			

SARASWATTEducation Society's



SARASWATI College of Engineering

Learn Live Achieve and Contribute Kharghar Navi Mirritin - 470 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VI)

Subject - Mini Project- 28

Subject Teacher - Prof. Yugandhara Kasture

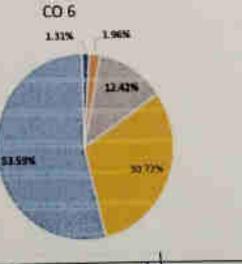
CO.5. Demonstrate the proper inferences from available results through theoretical/ experimental/ simulations and assemble physical systems.

core	No. of students	Percentage (%)	+1 Can't Say CO 5
- Can't Say	3	1,96	2. Hardly 1.96% 0.65%
ardiy	1	0,65	= 3. Moderately Se.sew
3- Moderately	22	14.38	4. Mostly
4- Mostly	49	32.03	s S. Definitely 50.56N
5- Definitely	78.	50.98	
Total	153	100	

CO.6. Crea	ite devises or i	lesign a compute	r program or develop	computer application.
Score	No. of students	Percentage (%)	• 1. Can't Say	CO 6
CAN'T SAV			Branch Committee	1.11% 1.96%

1.31 2 2- Hardly 1.96 3 3- Moderately 12.42 19 4- Mostly 30.72 47 5- Definitely 53.59 82 Total 153 100

= 2. Hardly = 3. Moderately 4. Mostly . 5. Definitely





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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Engineering Mathematics-IV

Subject Teacher - Prof. Madhukar Andhale

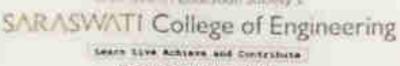
COI: Apply the concept of Vector calculus to evaluate line integrals, surface integrals using Green's theorem, Stoke's theorem & Gauss Divergence theorem.

Scure	No. of students	Percentage (%)	= 1. Can't Say	CO 1
1- Can't Say	3	1.88	2. Hardly	1.68%
2- Hardly	. 8	5	3. Moderately	100
3- Moderately	42	26.25	4. Mostly	3250%
4 Mostly	55	34.38	= 5. Definitely	26.75%
6- Definitely	52	32.50		
Total	160	100		States

CO.2 Use the concepts of Complex Integration for evaluating integrals, computing residues & evaluate various cuntour integrals.

Score	No. of students	Percentage (%)	122402565	1000
1- Carri Say	4	2.50	* 1. Can't Say	CO 2
2- Hardly	7	4.38	= 3. Moderately	ESIN ASEN
3- Moderately	40	26	4 Mostly	NEZON NAME OF THE PARTY OF THE
4- Mostly	51	31.85	+ S. Definitely	
5- Detrately	58	36.75		
Total	160	100		Stee





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Engineering Mathematics-IV

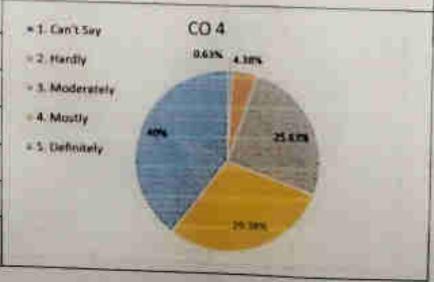
Subject Teacher - Prof. Madhukar Andhale

CO,3 Apply the concept of Correlation, Regression and curve fitting to the engineering problems in data

Scure	No. of students	Percentage (%)		CO 3	
1- Can't Say	ż	1.25	= 1. Can't Say = 2. Hardly	414744	750%
2- Hardy	6	3.75	3. Moderately		lan.
> Moderately	33	20.63	4. Mostly	39.38N	20.67%
4- Mostly	56	35	× 5. Definitely	30.30X	SOUTH THE
5- Definitely	63	39.38			
Total	160	100			35%

CO.4 Illustrate understanding of the concepts of probability and expectation for getting the spread of the data and distribution of probabilities.

0.63 4.38 25.63
26.63
#40,423
29.38
40
100





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Department of Civil Engineering

Academic Vest | 2022-2023

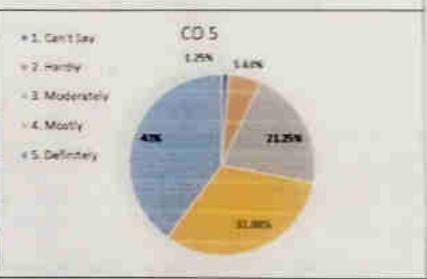
Coarse Exit Report Analysis (NEM-IV)

Subject - Engineering Mathematics-IV

Subject Teacher - Prof. Madhukar Andhale.

CO. 5. Apply the concept of probability distribution to engineering problems & Testing hypothesis of small opics using sampling theory.

Scare.	Nu. of students	Percentage (*4)
1- Can't Say	2	1.25
2- Hardy	9	5.63
3- Moderately	34	21,25
E-Mostly	51	31,88
5- Definitely	54	43
Total	150	100



CO. 6. Apply the concepts of parametric and nonparametric tests for analysing practical problems.

Scare.	No. of stadests	Percentage (%)	#1 Centility	CO 6
1- Carit Say	5	3.13	is 2, inardly	A UPS A LIPS
2- Hardy	5	3.13	- 3. Moderately	
3- Moderately	47	29,38	A Monthly	HIB
4- Mostly	48	30	« A Selectely	
5- Definitely	55	34,38		
Total	160	100		







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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

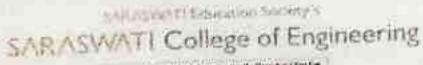
Subject - Surveying (Theory)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Rachel Gitty

Score	No. of students	Percentage (%)	# 1. Can't Say	CO 1	
1- Can't Say	2	1.25	= 2. Hardly	1.25%	5.63% E
2- Hardly	9	5.63	5. Moderately	4	7/10%
3- Moderately	40	25	4. Mostly	15%	25%
- Mostly	53	33.13	- 5. Definitely		
- Definitely	56	35			
Total	150	100			1118

CO.2 selection of suitable types of levelling for measuring vertical distances and their applications for determination of RL and check.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 2
1- Can't Say	3	0,63	2. Hardly	0.63%
2- Hardly	8	5	= 3. Moderately	
3- Moderately	42	26.25	# 4 Mostly	35X 35.25X
4- Mostly	53	33.13	5. Definitely	
5- Definitely	56	35		
Total	160	100		TI TIN



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Department of Civil Engineering

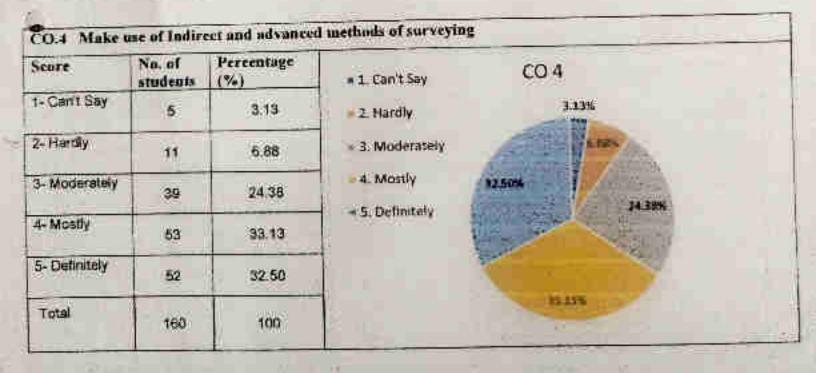
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Surveying (Theory)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Rachel Gitty

Score	No. of students	Percentage (%)	a 1, Carr/t Say	CO 3
Can't Say	3	1.88	2. Hardly	1.88%
- Hardly	8	5	3. Moderately	
3- Moderately	43	25,88	4. Mostly 5. Definitely	36.88%
I- Mostly	47	29.38	a 3. Delinitary	
- Definitely	59	36,38		
Total	160	100		PI-MAN





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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Surveying (Theory)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Rachel Gitty

3. 5 Determination of areas and volumes for solving surveying problems. Percentage No. of CO5 Score # 1 Can't Say (16) students 1.75% 1- Can't Say 1.25 = 2. Hardly 2 7.5456 - 1 Moderately 2- Hardly 7.50 12 4. Mostly 3- Moderately 55.25% 24.38 24.35% 39 5. Definitely. 4- Mostly 30,63 45 5- Definitely 36.25 58 30.63% Total 100 150

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 6
- Carrit Say	2	1,52	a 2. Hardly	1.29%
Hardy	11	6.88	= 3. Moderately	100
3- Moderately	37	23.13	# 4. Mostly	2535%
Mostly	54	33.75	= 5. Definitely	
5- Definitely	66	36		
Total	160	100		33.55

HOD Civil Dept.

Principal SCOE



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Building Materials and Concrete Technology (Theory)

Subject Teacher - Prof. Tarannum Shaikh/ Prof. Sujaya Wadekar

ftore	No. of students	Percentage (%)	= 1. Can't Say	CO 1	
1- Can'i Say	0	0:	× 2. Hardly	006	2.50%
2- Hardly	4	2.50	* 3. Moderately	480	
3- Moderately	30	18.75	4. Mostly	44.30%	18.75%
4- Mostly	55	34.38	► 5. Definitely		
5- Definitely	71	44.38			St. Ses.
Total	160	100			

CO. 2. Classify the type & manufacturing process of different types of building materials. Percentage No. of Score CO 2 students (%) 1: Can't Say 1- Can't Say 2 1.25 2 Hardly 2- Hardly - 3 Moderately 3.75 6 3- Moderately 4 Mostly 21.25% 34 21.25 43.8E% = 5. Definitely 4- Mostly 31.88 51 5- Definitely 67 41.88 11 885 Total 100 160



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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Building Materials and Concrete Technology (Theory)

Subject Teacher Prof. Tarannum Shaikh/ Prof. Sujaya Wadekar

3. Assess the various quality control aspects of civil engineering materials by performing different lab tests on materials.)

Score	No. of students	Percentage (%)	> 1 Can't Say	CO 3
1- Can't Say	1	0.63	2 Hardly	0.63%
2- Hardly	8	5	* 3. Moderately	AND NO.
3- Moderately	38	22,50	# 4. Mostly	49.69% 22.50%
4- Mastly	50	31.25	S. Definitely	STATE OF THE PARTY
5- Definitely	65	40.63		
Total	160	100		N28

CO, 4. Identify the ingredients & properties of fresh and hardened concrete.

Store	No. of students	Percentage (%)	- 1 0 - 1	CO 4
1- Cant Say	0	0	= 1. Can't Say = 2. Hardly	ON 563K
2- Hardly	9	5.63	s 3 Moderately	VII. 5-03 N
3- Moderately	35	21.88	4 Minsty	A 100
4- Moetly	53	33,13	= 5 Definitely	26.60%
5- Celinitely	63	38.38		
Total	160	100		NIN /

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

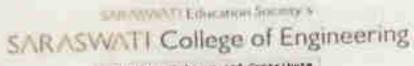
Subject - Building Materials and Concrete Technology (Theory)

Subject Teacher - Prof. Tarannum Shaikh/ Prof. Sujaya Wadekar

CO. 5. Design and interpret concrete mix for various grades for various exposure conditions. Store No. of Percentage students CO 5 (%) * 1. Can't Say 1- Can't Say 4 2.50 = 2 Hardly 2.50% 2- Hardly 3. Moderately 8 5 3- Moderately 4 Mostly 25.63% 25 15.63 40% # 5. Definitely 4- Mostly 59 \$8,6C 5- Definitely 40 64 PERSONAL PROPERTY. Total 100 150

Score	No. of students	Percentage (%)	. I. Can't Say	CO 6	
1- Can't Say	2	1.25	= 2. Hardly	1.25%	4.38%
2- Hardly	7	4,38	= 3. Moderately	4	The same
3- Moderately	31	19.38	4. Mostly	41175	1931%
4- Mostly	51	31.88	+ S. Definitely	MIN.	AT LO
5- Definitely	60	43.13			11.MS
Total	160	100			

HOD Civil Dept. Principal



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Fluid Mechanics - II (Theory)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Shahbaz Khan

(O. 1. Analyze flow through pipes, various losses through pipes, pipe network and power transmission through nozzle.

No. of	Percentage (%)	=1 Can't Say	CO 1	
b	0	± 2. Hardly	ON 1.75%	
6	3,75	» 3. Moderately		
33	20.63	4.4. Mostly	41.88%	
54	33.75	= 5. Definitely		
67	41.66		1055.	
160	100			
	6 33 54	students (%) 0 0 6 3.75 33 20.63 54 33.75 67 41.66	Students (%)	Students (%)

CO. 2. Explain the concept of Luminar flow and velocity distribution through parallel plates and pipes

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 2
1- Can't Say	337	1.88	= 2, Hardly	1.88%
2- Hardy		5	= 3. Moderately	
3- Moderately	33	20.53	4. Mostly	2750% 20.63%
4- Mostly	56	35	* 5. Definitely	
5- Definitely	60	97.50		
Total	160	100		



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Department of Civil Engineering

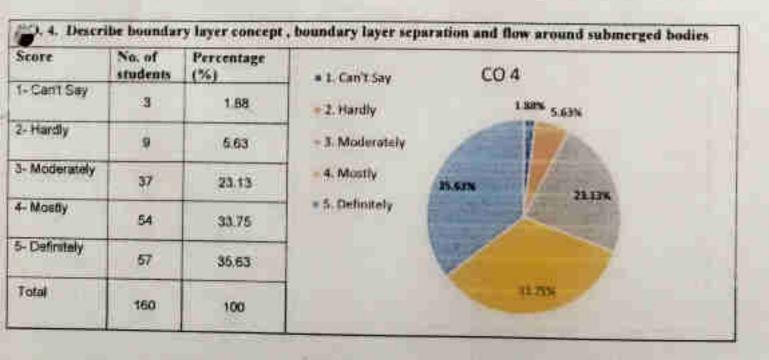
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Fluid Mechanics - II (Theory)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Shahbaz Khan

Since	No. of students	Percentage (%)	= 1 Can't Say	CO 3	
1- Can't Say	2	1.25	4 2. Hardly	1.25%	
2- Hardly	311	6.88	= 3. Moderately	CON	
3- Moderately	33	20.63	4. Mostly	20.63% 20.63%	
4- Mostly	.56	35	a 5. Definitely		
5- Definitely	58	36.25	1		
Total	160	100		you .	





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Department of Civil Engineering

Academic Verr : 2022-2023

Cuarse Exit Report Analysis (SEAI-IV)

Subject - - Fluid Mechanics - II (Theory)

Subject Teacher - Prof. Ashwini Bodkhe: Prof. Shahbaz Khan

COX Apply Moment of Memontum Principle. Symme Na of Percentuge atwaignts. (24) Can't Say CO 5 * L. Clerk Say 2.50 # 2 Haroly 250% 2. Hardy 12 7.50 - 1. Mederately J- Moderately - 4. Mostly 24 18.13 15 41 K DAME: 4- Mouth . S. Definitely. 58 36.25 5 Detectely 57 35.63 Tosus N 255 150 100

f fl.t. Explain the importance of dimensionless numbers, dimensional analysis and similarity behavior of model pd prototype. Scitte No. of Percentage atudente. (75) all Canting CO 6 1- Can't Bay 2.50 w2 Handly 2- Hardy 7 4:38 * II. Moderately 3- Moderately 4. Mayora 40 25 4- Mostly - 5. Denninely 49 30 63 5- Definitely tiC. 37.50 Total 160 100

HOD Crill Dept.

Principal SCOE



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Strucutral Analysis (Theory)

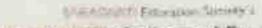
Subject Teacher - Prof. Shweta Motharkar/ Prof. Manoj Pillai/ Prof. Dinesh Joshi

DO.3. Evaluate routation and displacement characteristics for joint frames and trusses and compute degrees of indeterminacies.

Seare	No. of students	Percentage (%)	# 1. Can't Say	CO 3
1- Con't Say	4:	2.50	= 2. Hardly	250%
2- Hardly	19	11.88	- 3. Moderately	11 MK
3- Moderately	39	24.38	- 4. Mostly	11.25%
4- Mostly	48	30	* 5. Definitely	24.38%
5- Definitely	50	31,25		
Total	160	100		366

CO.4. Analyze the indetrminate structures using flexibility approach of analysis and application of clapsyrons three moment theorem.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4
1: Cant Say	6	3.76	+ 2. Hardly	3.75N
2- Hardly	20	12.50	= 3. Moderately	
3- Moderately	31	19:38	4. Mostly	N.PN N. S.
4- Mostly	53	33.13	+ S. Definitely	AND STATE OF THE S
5- Definitely	50	31.25		
Total	160	100		пик



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Strucutral Analysis (Theory)

Subject Teacher - Prof. Shweta Motharkar/ Prof. Manoj Pillai/ Prof. Dinesh Joshi

(Pare	No. of students	Percentage (%)	w1. Carrt Say	CO 5
Can't Say	8	.5	= 2 Hardly	Land I
Hardly	19	11.88	3. Moderately	1100
- Moderately	35	21,88	4. Mostly	D.IPS
- Mostly	45	28.13	≥ 5. Definitely	21.85
5- Definitely	53	33.13		2000
Total	160	100		

Score.	No. of students	Percentage (%)	* 1. Can't Say	CO 6
1- Can't Say	7	4.38	= 2. Hardly	4 38%
2- Hardly	18	11.25	= 3. Moderately	
3- Moderately	35	21.88	= 5. Definitely	13.50%
4- Mostly	45	30	= 5. Definiting	
5- Definitely	52	32.50		
Total	160	100		le.

Civil Dept.



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Department of Civil Engineering

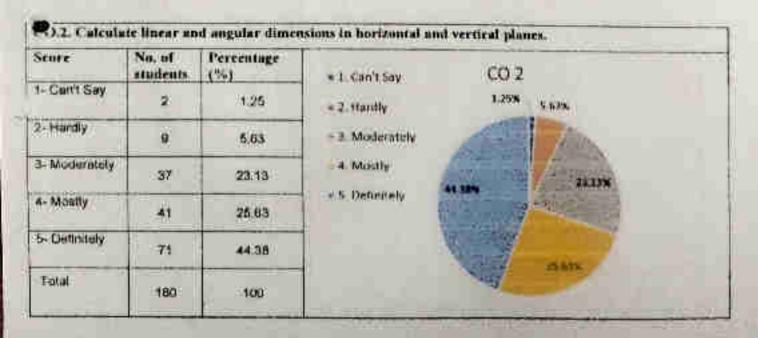
Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Surveying (LAH)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Rachel Gitty

are	No. of students	Percentage (%)	* 1. Can't Say	CO 1	
Can't Say	2	1.25	> 2. Hardly	1.25%	1.88%
Hardly	3	1.88	= 3. Moderately		The same
Moderately	40	25	# 4. Mostly	Alstin	25%
- Mostly	46	28.75	= 5. (lefinitely	41.12%	
- Definitely	69	43,13			
Total	160	100		100	26.75%







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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Surveying (LAB)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Rachel Gitty

CO.5. Measure the area of land and the volume of earthwork.

P ire	No. of students	Percentage (%)	+ 1 Can't Say	CO 5
- Carri Say	5	3.13	- 2. Handly	1 EPS - 4.38%
2- Hardly:	7:	4.38	I. Moderately	
3- Moderately	44	27.50	H. Mostly	TT SAVE.
4- Mostly	344	27.50	5 Definitely	27.60%
5- Definitely	60	37.50		
Total	160	100		27.50%

Develop curves and foundation plans.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 6	
5- Cars't Say	2	1.29	- Lundy	1.25%	SAME
- Hardly	8	5.63	Moderately	4	100
- Moderately	38	23.75	4.74mily	DESIN'	29.25%
4 Mostly	50	31.25	* Cintingety		AND DESCRIPTION OF THE PERSON
Definitely	611	38.13			
Total	(160)	100		No.	11.25%

HOD Civil Dept.

Principal SCOF



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Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-IV)

Subject - Surveying (LAB)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Rachel Gitty

•"	No. of students	Percentage (%)	- 1 Can't Sey	CO 3		
- Cart Say	2	1.25	2.90(20)	1.25%	6.25%	
Hardly	10	6.25	3. Moderatify	4	7	
- Moderately	40	25	- a Mostly	LYN		
<- NORTH	46	28.75	5 Definitely			
5- Definately	42	38.75				
Total	160	100		1	8.75%	

Score	No of students	Percentage (%)	= 1. Can't Say	CO 4		
1 Cent Sec	2	1,25	E I Hardly	136		
nwd,	A	3	J. Modulately	A STATE OF THE PARTY OF THE PAR		
Moderately	247.	29.38	4 Monthly			
e Mostly	44	77.50	5 timbersely		PARK	
5- Detroinly	:59):	36 88				
Fotal	166	100		27 100		





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Building Materials and Concrete Technology (Lab)

Subject Teacher - Prof. Tarannum Shaikh/ Prof. Sujaya Wadekar

CO.1. Test physical properties of cement, aggregate & concrete. ore No. of Percentage students (%6) CO 1 = 1. Can't Say To Carri't Say 1.88% ō 0 2. Hardly 2- Hardly 3 Moderately ä 1.88 17,50% 3- Moderately 4 Mostly 28 17.50 5 Definitely 4- Mostly 54 33.75 5- Definitiely 75 45.88 13,75% Total 150 100

2.2. Experiment with the physical attributes and mechanical strength of various other building materials like tiles, bricks & timber.

Score	No. of students	Percentage (%)	Three Design	CO 2		
1- Can't Say	3	1.88	+ 1. Can't Say	L18	m 250%	
2-Hardy	4	2:50	1 Moderately	45		
3- Moderately	30	18,75	- 6 Mostly		TBK25N	
4- Mostly	59	36.88	- 5. Definitory			
5- Definitiaty	64	40				
Total	160	100			31.8%	



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Building Materials and Concrete Technology (Lab)

Subject Teacher - Prof. Tarannum Shaikh/ Prof. Sujaya Wadekar

CO.3. Evaluate the effects of admixtures on physical properties of concrete.

● re	No. of students	Percentage (%)	= 1. Can't Say	CO.3	
1- Can't Say	2	1.25	2 Hardly	1.25%	4 38%
- Hardly	7	4.38	1. Moderatory	46000	7.00
3- Moderately	31	19.38	4. Mostly		15.38N
4-Monthy	50	31.25	5. Definiting	43.75%	
5- Definitely	70	43.75			31.294
Viital	160	100			

CO.4 Examine the different basic non-destructive tests determine the durability and strength of existing concrete structures.

Score	No. of students	Percentage (%)	- I. Can't Say	CO 4	
1- Casyt Say	2	1.25	- 2. Hardly	10.000000000000000000000000000000000000	3.75N
2- Hardly	6	3.75	- 3. Moderately	412000	7AL
3- Moderately	35	21,88	4. Mostly	40.634	23,88%
4- Mostly	52	32.50	5 Definitely		AMERICA .
5 Definitely	65	40.63			
Total	160	100		197	32.50%



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Building Materials and Concrete Technology (Lab)

Subject Teacher - Prof. Tarannum Shaikh/ Prof. Sujaya Wadekar

CO.5 Design the concrete mix

Sc o :	No. of students	Percentage (%)	* 1 Can't Say	CO 5
1- Can't Say	5	3.13	2 Hardly	1194 56B
~ Hardly	9	5.63	Moderately Mostly S Definitely	
3- Moderately	33	20.63		H.Ban. 20.62%
4- Mostly	54	33.75		
5- Definitely	59	36.88		
Total	160	100		31.258

Scure	No. of students	Percentage (%)	= 1. Can't Say	CO 6	
1- Cen't Say	4	2.50	- 2. Hardly	2.50% 4.3	ins
2- Hardly	7	4.38	3. Moderately		
3- Moderately	33	20.63	Mostly	34.75%	20.63%
4- Mostly	54	33.75	= S. Definitely		
5- Definitely	62	38.75		.6179	
Total	160	100			



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Fluid Mechanics- II (LAB)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Shahbaz Khan

CO.3. Calculate head loss due to friction incurred by a fluid along a pipeline.

	No. of students	Percentage (%)	neurred by a fluid a	CO 3
1- Can't Say	8	5	= 1. Can't Say	cos
3- Hardly	10	6.25	- 3. Moderately	6.21
3- Moderately	36	22.50	4. Mostly	25.62%
4- Mostly	49	30.63	= 5. Definitely	n
5- Definitely	57	35.63		
Total	160	100		10.63%

4. Determine different minor losses in pipe fittings.

Score	No. of students	Percentage (%)		
T- Can't Say	7	4 38	= 1. Can't Say	CO 4
2- Hardly	16	6.25	1 Moderately	4, MPK 6 25%
3- Moderatoly	35	21 8a	= 4 Month	MAIN
4- Mostly	55	34.38	- 9 Octinitely.	23,82%
5- Definitely	53	33.13		
Total	160	100		Miles



SOURCE EMPOREMENTAL A

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Fluid Mechanics- II (LAB)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Shahbaz Khan

CO.5. Analyse the behaviour of Laminar flow through pipes.

⊕ ce	No. of students	Percentage (%)	• L. Can't Say	CO 5
Can't Say	19	- 5	- 2. Hardly	
- Hardly	13	8 13	1. Moderately	FILE
3- Moderately	39	24.38		11 x
4- Mostly	47.	29.38	5 Delinitely	24.25
5- Definitely	53	33,13		
Total	160	100		29-3816

2).6. Assess the flow pattern and velocity distribution in pipe flow.

core	No. of students	Percentage (%)	= 1. Can't Say	CO 6
Can't Say	5	3,13	2 Hardly	3.33% 6.25%
2- Hardly	10	6.25	3. Moderately	AND TO
3- Moderatoly	941	25.63	4. Mostly - 5. Definitely	13.62%.
4- Mostly	52	32.50		
5- Definitely	52	32.50		
Total	160	100		52.50%



Principal



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Aftergram Photogram - 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-IV)

Subject - Skill Based Lab Course - II

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Mrinmayee Ganage

CO.1 Explain the fundamental features and working principle of Total Station (TS) and demonstrate the

songs of TS for traversing.

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 1
1- Can't Say	5	3.13	2. Hardly	1.13%
2- Hardly	8	5	3 Moderately	- N
3- Moderately	31	19.38	-4. Mostly	19.30
4- Mostly	52	32.50	- 5 Definitely	
5- Definitely	64	40		10.50N
Total	160	100		

CO.2. Show various operations to determine height of structures, area of plot, subdividing area, demarcating boundaries, etc. Using Total Station.

Score	No. of students	Percentage (%)	v i Can't Sty	CO Z	
1- Can't Say	8	5	- 2 Frankly		110
2- Hardly	5	9338	s Moderators	4	
3- Moderately	37	23,13	- 4. Mastly	33.13%	23.11%
4- Mostly	57	35.63	- instinctery		
5- Definitely	53	33.13			
Total	160	100		35.6	illa



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Skill Based Lab Course - II

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Mrinmayee Ganage

CO.3. Make use of CAD software in Total Station to develop foundation plan. Tre. No. of Percentage CO 3 students (2/a)= 1: Can't Say 1- Can't Say 1.75% 5.63% 6 3.75 2. Hardly "- Hardly: 3. Moderately 9 5.63 3- Moderatoly 4; Mostly 30,53% 44 27.50 = 5. Definitely 27,585 4- Mostly 52 32.50 5- Definitely 49 30.63 32.50% Total 160 100

(GNSS) and determine latitudes, longitudes, altitudes of points, length of roads, area of plots, etc. using GNSS.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4
1- Can't Say	7	4.38	- 2. Hardly	4,38% 4.38%
2- Hardly	7	4.38	- à Moderately	
3- Moderately	36	22.50	- 4 Mostly	36 25 N 22 50 N
4- Mostly	52	32.50	- 's Defiritely	
5- Definitely	:58	36.25		
Total	160	100		12.50%



Streets Store Physics and Controlleds

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Skill Based Lab Course - II

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Mrinmayee Ganage

CO.5. Name some Geographical Information System (GIS) softwares available and discuss their various features, and functions.

Score	No. of students	Percentage (%)	= 1. Carr't Say	CO 5	
1 Can't Say	#:	4.38	- 2 iterally	4	38% A.38%
2- 10 cmy	7	4.38	J. Moderately		7
3- Moderately	37	23:13	4. Mostly > Definitely	MATE	29.15%
4+ Mostly	52	32.50	3. (38)		
5- Definitely	57	35.63			
Total	160	100		,,,,,	50%

CO.6. Make use of GIS in GNSS and TS and show various statistical operations in GIS,

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 6
t. Guit Say	9	5.63	- 2. Hardly	5.63%
2- Hantily	13	8 13	5 Moderately	N.13%
3- Moderately	35	21.68	4 Mostly	SSAIMS
4- Mostly	46	28.75	- 5 Definitely	21.88%
5 Definitely	57	35.63		
Total	160	100		20.25%

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Civil Dept.

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Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-IV)

Subject - Mini Project-IB

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Chaitali Isal

CO.A. To analyze and choose the process of applying basic engineering fundamentals to attempt solutions in

problem.

Score	No. of students	Percentage (%)
t- Can't Say	2	1.25
:- Hardly	7	4,38
> Moderately	38	23.75
4- M r± r y	43	26.88
5- Definisely	76	43.75
Total	160	190

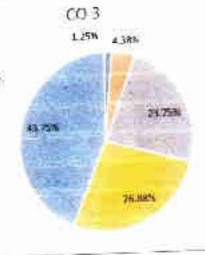


a: Hardly

- > Moderately

. Mostly

4 Desmitely



CO 4. To develop interpersonal skills to work as a member of a group or leader.

Seure	No. of students	Percentage (%)
- Can'll Say	2	1.25
- Hantly	£	3.75
- Moderately	:30	19.38
- Mostly	59	36.88
Definitory	62	38.75
Fotal	160	100

1 Сал 1 Sey

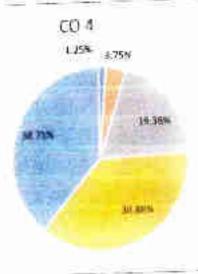
2. Harrily

C. Cherry

3. Moderately

4 Mossiy

- V. Definitely





Program Name Plants and Contribute

Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-IV)

Subject - Mini Project-IB

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Chaitali Isal

CO.5. To adapt the process of self-learning and research in a group which leads to a life long learning.

Seure	No. of students	Percentage	=1.Cent liv
1- Cart Say	4	2 50	-2 Hardy 1576 3.576
- Hardly	5	3.13	3 Moderately
3- Moderately	(40)	25	41 MBOOV
4- Mostly	49	30.63	3. Definitive:
5- Definitely	62	38,75	
T058	160	100	30 63%

CO.6. To perceive project management principles during project work.

Score	No. of students	Percentage (%)	v.L. Cart Say	CD 6	
Carri Say	3	: 88	- 2. Hardly	1.88%	\$1.0m
Eleardy	5:	3.13	3. Moderatory	46	
5- Moderately	38	23.75	4. Mostly	40.07%	21.75%
E-Mostly	49	30.63	a Definitely		
5-Definitely	65	40.63			
Total	160	100			30.67%

HOD Civil Dept. Principal SCOE



SARASWATI EDUCATION SOCIETY'S SARASWATI COLLEGE OF ENGINEERING

KHARGHAR, NAVI MUMBAI- 410210

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Department of Civil Engineering Action taken based on feedback from students (CO &PO) Academic Year :2022-23 (ODD)

Summary of Feedback

Feedbacks collected through course exit forms were analyzed and necessary actions which, are useful for students were planned and conducted. Abstract of suggestions obtained from the stakeholders to enhance the employability of the student are discusses below.

Action Taken:

Based on suggestions, Action taken is mentioned below.

Subject	Faculty Name	Feedback/suggestion s	Action Taken	Date
SBLC	Prof. Deepali Padatare	To learn GIS software	One Week Workshop on "Basics of GIS: Software Training"	18/8/2022 to 22/8/2022
Green Building Construction	Prof. Aniket Sharma	Enhancing the knowledge of green building	Seminar on Green Building Movement in India	23/8/2022

Civil Engg.

Principal



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Quality Survey, Estimation and Valuation

Subject Teacher - Prof. Shanthi Selvam/ Prof. Molly Mathew/ Prof. Sanjay Singh

CO.1. Read, understand and interpret plans sections and detailed drawings. Prepare estimates for different construction projects. Scarr No. of Percentage 001 students (26) will Can thuy (2)860% 1-Cant Say 12 ME 121 657% - I standly 2- Hardy # 3. Moderately 2.88 B 3- Moderately 4. Mostly 6.67 341 #.5. Definitely 4-Mastr 12865 22.88 88 57,42% 5- Definitely 57:62 128 Total 210 100

Senre	No. of students	Percentage (%)	w.t. Can't Say	CO 2	
- Carl Say	2	0.95	= 2. Hardly	930%	0.965
2. Hardly	(2)	0.96	= 3. Moderately	1	1.10%
3- Moderately	17.	8.10	= 4, Mostly		
4- Mostly	64	30.48	*5. Definitely		30,480
5- Definitely	125	59.52		59.52%	
Total	210	100			

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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year : 1022-2023

Course Exit Report Analysis (SEM-VII)

Subject - Quality Survey, Estimation and Valuation

Subject Teacher - Prof. Shanthi Selvam/ Prof. Molly Mathew/ Prof. Sanjay Singh

Hore	No. of students	Percentage			
- Clan't Say		(26)	■ 2::Can x nav.	CO:3	
	8	10.1	= 2. Hamby	254	3.00%
Hardly	26	3790			
A WILLIAM TO THE REAL PROPERTY OF THE PERTY		1.90	= 3 Moderately		162k
- Moderatory	20	R:52	- 4. Mostly		
- Mostly		11.02	= 1 Definitely		
T. Company	1923	31.43	a a Deministry		40.0
- Definitely	-	1100000		2000	SLAME
and the second second	1201	57.14			A d
Total			i		
- Crital	210	100			

Senre	No. of students	Percentage (%)	# 1 Can't say	CO 4
1- Cont Say	0:	10	*2 Hardly	DN SHIN
2. Hardy	(8)	3.81	# I Moderately	
5- Movderately	23	10/96	- 4. Mostly	10.00%
e Mootly	55	26.10	= 5: Definitally	26,19%
5 Definitely	124	59.00	\ \	10.00
Total	5:00	100		



Organ Standard and Designated

Department of Civil Engineering

Academic Year : 2022-2023

Centre Exit Report Analysis (SEM-VII)

Subject - Quality Survey, Estimation and Valuation

Subject Tracker - Prof. Shunthi Selvam/ Prof. Molly Mathew/ Prof. Sanjay Sough

Seure	No. of	Percentige (%)	+1.tantay CO	5
7- Carit Say	:0:	0	w 2, mannly	2,905
Haraly	(4)	2.06	= 3. Middennity	KSPK
Moderanity	16	8.57	. 4. Mostly	
Mostly	70	33.33	a 5. Definitely	21.10%
Dintermary	116	55.74		
Tiganii.	210	100		

Seare.	No. of	Percentage (%)	#1 Can't Say CC	0.6
- Carit Say	+	0.48	• 2 Hardly	2.38%
Hardly	.5	2.38	± E Mederstelv	(120%)
Moderately	21	10	# 4: Mostly	
Mostly	Se	27:02	« S. Definitely	17,62%
Definitely	125	59.52		
rotiil	210	100		

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Department of Civil Engineering

Academic Venr : 2022-2023

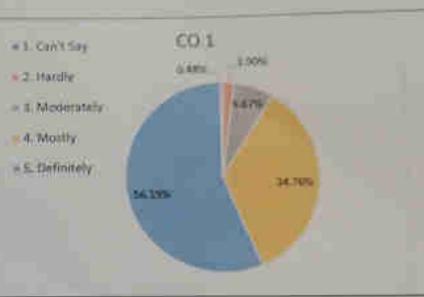
Course Exit Report Analysis (SFM-VII)

Subject - Quality Survey, Estimation and Valuation (LAR)

Subject Teacher - Peuf, Shanthi Selvam, Prof. Molly Mathew, Prof. Sanjay Singh

CO. 1. Identify current unit rates of various construction materials through market survey & also study District Schmittle of Rates (DSR)

Sever	No. of students	Percentage (%)
Y-Cart Say	佳	0.45
2-Printilly	-14	5:90
5- Moderately	14	6.67
4- Mostly	73	34.76
5- Definitely	318	56,19
Total	210	100



CO.2. Prepare rate analysis of few important Items of work

Score	No. of students	Percentage (%)	# 1. Can't Say	CO 2	
1- Carrt Say	0	0	= 2 Hardly	000	2.38%
2- Hardly	6	2.36	= 3: Moderately		CSES
3- Moderately	15	7.14	# # Mostly		
4- Mostly	68	32.38	= 5: Definitely	54.10%	32.M%
5- Detritaly	122	58.10			
Total	210	100			



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Department of Cour Engineering

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Course Lvit Report Analysis (SFM-VII)

Subject - Quality Survey, Estimation and Valuation (I AH)

Subject Teacher - Prof. Shouth Selvano Prof. Mally Mathews Prof. Sanjay Singh

C.O.3. Estimate approximate cost of the structures by using various methods & prepare detailed Estimates of various civil engineering structures, including har bending schedule, by referring deswings

Sture	No. of similarity	Percentage (%)	(W.E. CHITTSOP)	CD3	
1-Carry Say	2	0.65	v # Hardly	000	1,475
2-Handy	3	1.43	= 3. Moderatory		2300
3- Moderately	18	17.84	14 Mostly	<i>i</i>	
t- Stoney	72	34.29			34206
- Definitely	1118	50.19		E TIPE	
Total	230	100			

SCOPE	No. of students	Percentage 1561	N. I. Carrit Say	CO 4	0.48%
I- Cartt-Say.	187	0.48	= 2. Handly	1,23,000	J.BS:
2- Hardly	5	236	= 1 Moderately		8.15K)
3- Moderately	17	E10	4 Mostly		
t- Micetly	72	34.29	= 5. Definitely	430%	14295
S- Definitely	116	:54.76			7
Total	210	100			



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Department of Civil Engineering

Academic Venr : 2022-2023

Course Exit Report Analysis (SEM-VII)

Subject - Quality Survey, Estimation and Valuation (LAR)

Subject Teacher - Prof. Shanthi Selvam/ Prof. Molly Mathew/ Prof. Sanjay Singh

Seure	No. of students	Percentage (%)	*1: Carriday CO 5	
- Cant Say	0:	(0)	# 2. Hardly	1.00%
- Herdy	À	1,90	+ 1. Moderately	Elen .
- Moderately	15	7.14	± 4. Mostly	
- Mostly	72	34.29	u.S. Definitely SEETS	34.29%
5- Definitely	119	56.67		
Total	210	100		

Scare	No. of students	Percentage (%)	×1.500/1509	CO 6	
1- Cart Say	- 43	0	• 2: Hardly	ON.	1.0%
2- Hardly	15	4,49	+ 3. Moderately		TAIS
3- Maderality	16	7.62	=4: Mostly:		
a- Mostly	76	95.71	+ Superiortely		1571%
5- Definitely	196	55.74			
Total	210)	100			

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Civil Dept.

Principal SCOE



Street Live Actions and Doctothelps:

Department of Civil Lugineering.

Academic Vour : 2022-2023

Course Exit Report Analysis (SFM-VII)

Subject - Design and Drawing Reinforced Concrete Structures

Subject Teacher - Prof. Roshni John/ Prof. Shwets Motharkar/ Dr. Sunil Rangari

CO.1. Refine a conceptual design into a detailed design by applying the provisions of referant engineering endes and standards

Scure	No. of students	Percentage (%)	*IrCalettay CO.1
1- Cant Say	in	0.48	2. Handly 0.49% 5.79%
2- Hardly	4	1,90	= 1. Moderately
3- Moderately	19.	6:19	4 Mostly
4 Mostly	60	28,57	- A. Definitely Jases
Definitely	142	67.62	(67.02N
Testal	210	tion	

CO.2. Identify the mathematical, engineering, and other relevant knowledge that applies to the design of ceraining walls.

Score	No. of	Percentage (%)	*1 Can't Say CO 2
1- Carri Say	(9)	0	2.16% #2.14ardly #8 5.24%
2- Hardly	16.1	2.38	* 3: Moderately.
3- Moderately	11	5.24	= 4. Mostly
4- Mostly	74:	35.24	+ St Distinitially 35.24%
5- Definitely	120	57.14	
Total	210	100	



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Department of Civil Engineering

Academic Vent : 2022-2023

Course Exit Report Analysis (SEALVII)

Subject - Design and Drawing Reinforced Concrete Structures

Subject Teacher - Prof. Rushus John/ Peof. Shoveta Mathackar: Dr. Sund Rangari

t (3.). Discuss the structural behaviour and apply the concepts of WSM in the design of RUL water cards Neuro No.coE Percentage. 003 atmicuts. (55) # E-Carck Say: to Carry Sept 0.95% matter. WHA M.J. Handly: 2-Hundy ŭ. > 5: Madainately 9,52% 0.05 1 Mostermery - A. Mindly 70 0.52 = 5- Decimely 4-Millelly HIDORINE 33.48 164 SALVEN. S- Distinitially tim/do 122 TOUM 210 3120

CO.4. Explain the basics of structural dynamics and identify the structural behavior under the dynamic load and the effect of damping

Score	No. of students	Percentage (%)	= 1.45e0/1.5ep	CO/4	
14 Can't Say	7	0.48	e. 2. Handly	0.486	F368
2- Hardly	3	1.43	.+ 3- Modernory	4	
3 Moderately	121	5.24	#-4: Mostly		
4. Missely	72	:34:29	= 5 Definitely	THE STREET	34.265
5- Definitely	123	58.57			
Total	218	100			



North No. Phone 410 310

Department of Civil Engineering

Academic Year:: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Design and Drawing Reinforced Concrete Structures

Subject Teacher - Prof. Roshni John/ Prof. Shweta Motharkar/ Dr. Sunil Rangari

Sione:	No. of smilents	Percentage (%)	* 3: Can't Say	CO 5	
I+ Carrt Say	1	0.48	= 2. Handly	0.48%	1 42%
8- Handly	3	1:43	= 3. Moderately		EAST
- Moderately	166	7.14	- A. Mostly		
Mostly	66	31.43	8.3. Definitely		ELAEN
> Definitely.	125	59.52		8328	
Total	210	100			

Score	No. of	Percentage (%)	with Clarit Slay	CO 6	
- Carly Say	1	0,48	* 2: Handly	0.48%	Q.R556
Hardly	2	0.95	= 3. Moderately	1	6676
Moderately	15	6.67	#4:Mostly:		
lostly.	68	32.36	#.S. Definitely		\$2,38%
Definitely	125	59.65		NEEN	
otel	210	100			



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Department of Civil Engineering

Academic Year | 2022-2023

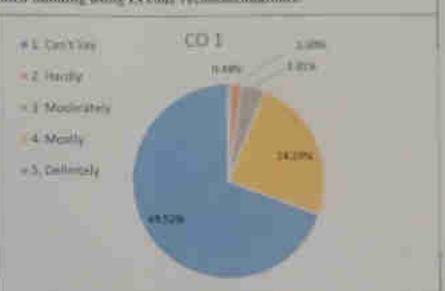
Course Fait Report Analysis (NEM-117)

Subject - Design and Drawing Reinforcut Concrete Structures (L.48)

Subject Teacher - Peaf Rodon John/Prof. Stovets Matterbar Dr. Sunit Blangart

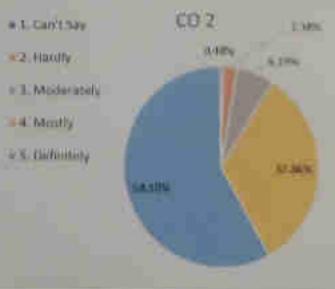
CTLS, Design components of G+3 RCC framed building using IS code recommendations.

Sener	Nu. of students	Piromtage (%)
I-Certise;	1	0.49
2-71005)	3	1.90
3- Moderately		2.81
- Mostly	511	2429
- Stanish	145	59,52
Total	210	100



C.O.2. Apply mathematical, engineering, and other relevant knowledge that applies to the design of regating walls.

Score	Nu. of,	Percentage (%)	# 1. Cap't 5
1- Curt Coy	*	0.46	#2.Hacdly
2. Harthy	6	238	to 3. Moder
3-Moderatory	ш	639	3 4 Monthly
A-Mostly	190 :	92.86	W. Clarkent
5- Dobotoly	122	66.10	
Total	210	100	





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Department of Civil Engineering

Academic Vent : 2022-2023

Course Exit Report Analysis (SEALATI)

Subject - Design and Drawing Reinforced Concrete Structures (LAB)

Subject Teacher - Prof. Roshni John/ Prof. Shwetz Motharkar/ Dr. Smil Rangari

CO.3. Discuss the structural behaviour and apply the concepts of WSM in the design of RCL water tanks

Scure	No. of students	Perrentage (%)	with the CO 3
1- Carl Say	*	0.48	= 2. Hamily 8-48% 4-28%
2-Hardy	-5	2,36.	- 3. Moderately
3- Мозровну	79	4.29	a 4 Monthly
4-Mostly	73	34,76	e S. Definitely 34.766
5. Definitely	122	58:10	
Total	210	100	

CO.4. Apply the basics of structural dynamics and identify the structural behavior under the dynamic had and the effect of damping.

Sente	No. of	Percentage (%)	# 1. CHICK TOY.	CO:4	Kinos
TI CAN'T SAY	3	8.48	e J. Hardly	0.48%	1.00
2-Hardly	4.	1.00	- 3 Moderatols		100
5- Moderately	20	980	s 4; Mostly s 5 Deflutely		
4- Mostly	58.	27.62	Sea College	(0.88%)	37424
5- Definitely	127	:6038			
Total	210	100			





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Department of Cool Engineering

Academic Vess | 2022-2023

Course Extl Report Analysis (SEM-VID)

Subject - Design and Drawing Reinforced Consents Structures (LAB)

Subject Tracker - Prof. Hosbitt John, Prof. Shweets Morbarbur, Dr. Smill Rangart.

him	No. of students:	Percentage (%)	*1 tan (4) 00 5	1900
5- Carn Site	1	2.85	*2: Harring	S ARK
2-North	17	0.49	= E:Morentely	ALDE
3. University	117	8,10	= 6. Miscily	
6-Mostly	162	29.52	× 3. Definitely	199576
- Daffrynn	109	60.86	and a second	
Total	210	100		

Scote	No. of students	Percentage (%)	w.l. Conting	CO 6	
Si Cart Say	(3)	0.95	= 2. Hamby	Non-	0.05%
D-Harsey	121	0.96	= 3. Moderately.	410	ANN
5 Magnesty	56	8.67	* 4 Mostly		
4-Munty	56	2687	= 5:Definitely:		2015
> Deficiely	130	163.86	- 4	Mark.	
Tallal	210	900			



HOD Civil Dept.





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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Advanced Construction Technology

Subject Teacher - Dr. Raji/ Prof. Pallavi Tajane

CO.1. Evaluate the procedure of construction techniques for sub-structure of major civil engineering projects. Source No. of Percentage CO 1 students (7-1 . In Con't Say 1- Can't Say 100 0% 3337N 0 +2 Harris 2- Hardly «.3 Moderately. á 3.03 10.10% 3-Moderately A Mostly 190 10.30 < 5. (Setiminally 4- Mostly 65 33.33 SELEC MARK 5-13 mirrory 38 53.33 Total: 100 166

Score	No. of students	Percentage (%)	wil Contisty	CO.2	
r-Clirct Say	ū	0	- 2 Hardly	DIS	1.23%
2- Hardly	2	1.21	= 3. Moderately	41	196
3- Moderately	23	12.73	#-4 Mostly		
s- Mostly	-56	33.94	* 3 Definitely	1237%	HARE
Definite)	56	52.12			7
Total	165	100			

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Department of Civil Engineering

Academic Year ; 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Advanced Construction Technology

Subject Teacher - Dr. Raji/ Prof. Pallavi Tajane

CO.3. Classify the implementation of new construction rechnology on engineering concepts which are applied to the field Advanced construction technology in special structures

Scure	No. of aunients	Percentage (%)	et:certsia CO3	
1- Can't Say		0	+ 2. Hardly 7% 1.82%	
2- Hatdly	13	182	= 3: Modernitely:	
> Modernitely	72	10.33	= 4 Mostly	
4- Monty	43	26.06	= 5. Definitely SETEN SETEN	
5- Definitely	87	52.73		
Total	165	100		

CO.4. Examine diverse knowledge of the different methods of advancement in construction techniques and ground improvement techniques.

Score	Na. of students	Percentage (%)	• 1 Can't Say	CO 4
TH CART Say	2	19:21	= 2 Handly	1.22%: Seek
芝州明	9	3.64	= 1. Moderately	
3- Moderately	19	11.52	I & Monthly	31326
4- Montly	:55	33.33	• S. Definitely	1200
5- Definitely	63	50.30		33.11%
Total	166	100		

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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Vear : 2022-2023

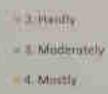
Coarse Exit Report Analysis (SEM-VII)

Subject - Advanced Construction Technology

Subject Teacher - Dr. Raji/ Prof. Pallavi Tajane

COS. Determine various dredging systems for major civil engineering projects

Some	No. of	Percentage (%)	
T-DIMT Say	#	2.47	h
24 Harristy	3	t21	
3- Modecalmy	10	7,88	
4 Mostly	57	34.55	
5- Definitely	20	53:04	
Total	166	300	



5 Definitely

1 CmY Sty



COL6. Explain the theoretical and practical aspects of rehabilitation and strengthening techniques in civil engineering along with the design and management applications

Score	No. of	Percentage (%)	# 1. Can't Say	0.00	
t- Card Say	2	1,21	M2 Hardly	Lin	3
2 Emrely	3	1.82	= 3.:Moderately		
S- Moderately	20	12.12	#.4:Mostly		138
- Mostly	53	32.12	#5: Definition	7	
- Definitely	-107	82.75			
Fotel	165	100			

HOD Civil Dept.



XH.

E 12%

\$2,52%

Charles Charles berry

SARASWATI College of Engineering

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Department of Civil Engineering

Academic Vear : 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Prestressed Concrete:

Subject Teacher - Prof. Shahbaz Khan

Neury	No. of students	Petventage (%)	#375003 Sep	001
- Cent Say	- 0	(0)	● ≥: Hairdly	PS 6.405 2225
用無例	- 2:	43441	+ ± Moderately	
Moderately	Ť	2.22	= 4. Noutly	71276
Monthy	10	22:22	S. Defining	
- Denienty	32	71.11		NAME .
Time!	45	100		

CO.2. Calculate the stresses in PSC beams using stress method. Internal resisting couple method and load bulancing concept

Source	Nu. of students	Percentage (%)	*1 Cavit Say CO 2
H-CHITTSRY	q	0	6.2 Hardy US 4.4%
2-Hedy	38	2.22	- 3. Moderately
3- Moderately	2	14.64	v 4: Miletty
4- hhostly	12	26.67	= 5_ (teflicitally
5- Definitely	30	66.67	MERCA!
Total	48	100	



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Prestressed Concrete

Subject Teacher - Prof. Shahbaz Khan

Sense	No. of students	Percentage (%)	[*1:00/15eg:	CO 3
Cent Siry	(0)	Ü	e 2. Hardby	2% _1.22%
Haraly	Tt.	2.22	= 3. Moderatory	6879
Moderately	á	6,67	- A. Mostly	132,789
Mostly	18	17.78	= 5. Definitely	
Definitely	33	78.83		11.115
otal	45	100		

Score .	No. of	Percentage (%)	*1 Can't Say	CO.4	- 60
Curt Say	0	8	+ 2. Hardly	05-	4888
Hardly	D	0	= E. Moderately		
Moderately	2	4:44	# 4. Mostly		22,229
Mostly	10:	22.22	• S. Definitely		
Definitely.	33	73.33		13,83%	
Total	45	100			1

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de

SARASWATI College of Engineering

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Department of Crist Engineering

Academic Vear - 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Prestressed Concrete

Subject Teacher - Prof. Shahbaz Khan

CO.5. Calculate the principal tension and flexural strength of prestressed concrete beams in limit state of serviceability.

No. of	Percentage (%)	SWEETEN ST	600.4
ò	0		CO 5
3	722	= 2. Moderstaly	
2	4.44	= 41 Missely	
10		+ 3. Reflectely	
32	100000	\ \	78.2224
as.			
	o i i	1 2.22 2 4.44 10 22.22 2 71.11	######################################

CO.6. Design of prestressed concrete beams in limit state of servicability, maximum compression and cracking

Score	No. of students	Percentage (%)	*1.Certies CO 6
1/ Carlt Say	0	o l	#2.Hardly 0% 2.12%
2-Hardly	*	2.22	= 3.Moderasely
3- Moderately	- 1:	2.22	- 4: Mistly 21224
4- Mostly	10	22.22	+ 5. Definitely
5- Definitely	33	73.33	CHAIN .
Yotal	45	100:	

HOD Civil Dept. Principal SCOE

12% 44%

42,225



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Solid Waste Management

Subject Teacher - Prof. Pramod Sutar

CO.1. Read, understand and interpret technical and non-technical information which describe functional elements of solid waste management and its need.

Some	No. of students	Percentage (%)	#1 Canthey CO 1
1- Cent Say	2	0.93	E. J. Acardly Sales C. Area
2- Hartly		0.93	3. Moderatory
3- Moderately	7:	6,48	EA. Michity
4- Mostly	75	24.07	45 Definisely
5- Definitely	7.4	68.62	ABATE
Total	106	100	

CO.2. To understand the characteristics of different types of solid waste and solving problem related to waste characteristics

Seure	No. of atmients	Percentage (%)	est Carrissay CO 2
1-Carri Say	2	1,65	= 2. Hardly 1985 1985 1986
2- Hardly.	:0	o.	v 3: fidoderately
3- Moderatory	- 10	5.55	- A. Milestly
4- Mostly	287	19.44	= 5. Detiritiely
5- Definitely	79	73.15	TO THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF THE PER
Entail	108	100	



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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SFM-VII)

Subject - Solid Waste Management

Subject Teacher - Prof. Pramod Surar

CO.3. Compare and contrast afternative solution/methods to select the heat techniques for waste processing and energy recovery

Store	No. of atodents	Percentage (%)	-17-46	CO 3
1- Call't Say	2	1.85	E Hardly	1705 64 2.00
2-Hattly	16	'c	« 3 Moderately	
> Moderntely	3	2.78	#4.mostly	A 100
4-Mastly	29	26,85	+ S-Definitely	
5 Coffnitely	74	68.52		BEHON
Total	108	100		

A. Study methods or techni-	ques for wante processing
-----------------------------	---------------------------

Score	No. of students	Percentage (%)	a t curt say CO 4
1-Cent Say	3	0.02	2 Harsty Upda SAMA
2-Hardy	11	0.63	= 3. Moderate y
3- Моделявлу	6	5,55	- A fivority
4- Mostly	27	25	- 5.0=finitely
6-Definitely	73	97.59	67535
Total	10B	100	



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Department of Cleff Engineering

Academic/Visit | 2022-2023

Course East Report Analysis (SEM-VII)

Subject - Solid Wasse Management.

Subject Teacher - Prof. Pramod Satur.

4. O. S. Edentify existing horardons waste management processes or methods for solving the problem (former) in soft handling and disposal.

	Sence:	No. of	Perconage.	etreries COS com	1
	Missensial.	0	.6	(1.000) (m) 1.000	ı
Ġ	25 Harristy	25	145	4.35 Minimizatio	i
	3- Mostreparty	à	2.79	- (Marry 200)	
	4-Monthly	-27	25	A S. Coldentary	
1	5- Definitely	76	76.57	THE REAL PROPERTY.	
Ī	Total .	100	100		

C.O.o. Explore and symbolics engineering requirements considering health, safety rode, invirunmental and uniformly faciles for treatment, disposal and management of Resourched, plants, Construction and Demolition master & E- water.

Score	No. of students	Percentage (%)	All Controls CO 6 arms
1-Curt Say	111	0.95	A.2.19(0) 5.505 (3.505)
2-Herdy	9	2.93	-3 Mon-state
3- Moowahily	4	556	VE Months
- Month	29	25.93	-5 Definitely
. Detrotally	5	86.97	
resid	106	100	CHO CHO
HOD	8	- 20	Pripagal

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Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-VII)

Subject - Green Building Construction

Subject Teacher - Prof. Aniket Sharma

CO.1. Explain environmental impact of buildings, discuss the concepts of sustainable development & green buildings and overview the features of green buildings

Scare	No. of students	Percentage (%)	a L Can't Say CO 1
t- Cant Say	0:	:0)(w.E. Handly Otto oss
2- Hardly	G.	0	= 3, \$Apjeracely 2,amil
5- Moderately	3	7.69	- At Minestly 2X See
4-Mostly	0	23.88	S. Definitify
5- Definitely	26	68.42	fe and
Total	38	100	

CO.2. Describe site selection, planning and designing of green buildings

Score	No. of students	Percentage (%)	#1 can't Say CO 2
1- Can't Say	11	2.63	= 2. Hardly 26% ox
2- Hardly	0	10	= 3 Moderately mark
3- Moderately	14	10.53	S' 4: Moinly
e-Mostly	-6	13316	N.S. Definitely
5- Definitely	25	73,68	TAMES .
Total	18:	100	

There have been readily and restricted

Department of Civil Engineering

Academic Vear: 2022-2023

Course Exit Report Analysis (SEM-VII)

Subject - Green Building Construction

Subject Teacher - Prof. Aniket Sharma

icere	No. of students	Percentage (%)	a. I. Can't Say	00/3
- Can't Say	0	0	= 2.:stacolly	les as
Hardly	:0	:0	= 3. Moderately	20.52N
Modermaly	ją.	10.53	= A. Mostly	15.795
Mostly	6	15.79	= 5. Definitely	
Definitely	28	73.65		panes .
otál	38	100		

CO.4. Identify green building materials and indoor environmental quality

Score	No. of students	Percentage (%)	=1. Can't Say CO'4
t- Carry Say	3	2.63	= 2. Hardly 2.64% on
2- Hardly	a	0	+ 3. Moderately
3- Moderately	3	7,50	+ 4. Mostly
4- Mostly	12	31,58	* 5 Definitely States
5- Definitely	22	57.89	
Total	38	100	





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Department of Civil Engineering

Academic Vent : 2022-2023

Course Exit Report Analysis (SEM-VII)

Subject - Green Building Construction

Subject Teacher -Peof. Aniker Sharma

Score	No. of students	Percentage (%)	w k. Curch Loy	cos
Carn Say	1	2.63	- I have	267% (b)
HOLLINX	0	0:	= 3: Moderately	
Moderatory	-5	13,18	4 Marcy	11304
- Mastly	9	23,68	an Detundy	1160
Definitely	23	50,63		100
Total	20	100		

core	No of students	Percentage (%)	= 1 Gent Silv	CO 6
-SHO SW	Ŧ	2.63	= 2 Strait	ZISTS (Max.
S Hardly	- 0	0	Moderately	7100
- Muderacely	3	7.88	* It. Mustle	
- Mossly	9	20.65	* 1 Ontoday	Ham
Definitely	929	6539	1	SK SHK
Total	:38	100		



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Department of Civil Engineering

Academic Year: 2022-2023

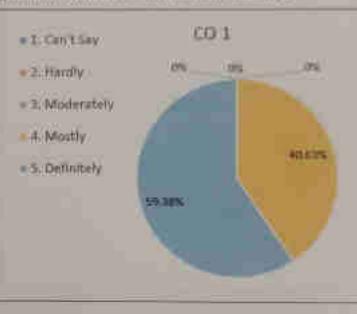
Coarse Exit Report Analysis (SEM-VII)

Subject - Legal Aspects in Construction

Subject Teacher - Prof. Arman Ansari

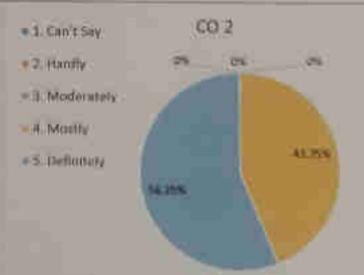
CO.I. Explain needs of various laws and legislation related to Construction Industry.

Score	Na. of students	Percentage (%)
TECHNESay	0	ö
2- Hardly	a	:0
5- Moderandy	0)	o
4- Mostly	26	40.63
5- Definitely	38	59.18
Total	54	100



CO.2. Describe applications of various Contracts and their forms

Score	No. of	Percentage (%)
1- Carri Say	0	0
2- Hardly	(0)	10
> Moderately	0	.0
4- Mostly	28	43.75
5- Definitely	36	56.25
Total	54	100





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Department of Civil Engineering

Acudemic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Legal Aspects in Construction

Subject Teacher - Prof. Arman Ansari

Seare	Na of	Percentage (%)	(with CHITESHY)	603	ON.
- Cart Say	ti	- 0	= 2. mandly	(69)	1115
нефу	- O	0	= 3. Moderately		
Madensely	3	3.13	4. Months		
- Monty	27	42.19	4.5. Definitely	14.09%	17.15%
5- Definitely	35	54.60			
Total	54	100			

Sente	Nu. of	Percentage (%)	• 1. Can't Say	CO 4	(one	
t- Cett Say	10	6	= 2. Hardly	- 84	1.56%	
2-Hardy	0	n.	= 3. Moderately			
3- Moderately	1 1	1,365)	- A. Moutly			
4- Mostly	21	45.75	 S. Definitely. 	SAAPS.	-0.2%	
6- Definitely	55	54.69		1	V /	
Total	164	100				



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Department of Civil Engineering

Auadienie Visar: 2022-2023

Course Lait Report Analysis (SEM-VII)

Subject - Legal Aspects in Construction

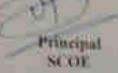
Subject Teacher - Prof. Arman Amart

c 43.5. Explain health, safety and labour laws associated with construction industry SHOPE Nicht. Percentage 00.5 students (%) WE CHILL SHE SHICKING DW 10 0. FF% W.E. HHARBY: 2- Hardly 0 S.A. Mindanidani 0 3- Mindelaholy · A. Merry я 13 ALLEYS e S. Definition 4/ Mostly. 20 40369 Un Lieu 5- Districtly 36 511.53 Time. 54 TOO

MA	No. of	Percentage (%)	#1 Derthey	0.06
Centhiny	0	.0	+ 2. Haridle	BI SE
Sandly".	:0	0	> 3. Moderately	
Accentury	0	-0	# 4 Mostly	
ally	26	40.63	> 3. Definitely	MESSA
ofinitiv.	:36:	5938		Series .
DHT.	64	100		



Civil Dept.





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Department of Civil Engineering

Academic Vene: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Disaster Management and Mitigation Measures

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Tarannum Shaikh/ Prof. Neba Uhhangani

Scare:	No. of	Percentage (%)	et Certifey	CO 1	
SI-COMY Say	-	0.69	112 Hardly	550 3.00	
2- emediy ,	-2	1.16	- 5. Moderatoly	100	
S Middle and	14	834	#4.Monthy		
- Moety	4	25.88	v.5 (believely	200	
5- Detribly	310	64.71	A A	A HS	
Tetal	170	100			

CO.2. Identify and analyse natural and manmade disasters and their extent and possible effects on the economy

Score	Nation of students	Percentage (%)	= 1 Cont Say CO 2
1-Cart Say	0	6	= 2.Hardly. 29 3.765
27 Hardly	3	176	14.3- Ministeration:
5- Moderately	16	9361	+ HUMBREW
4-5608By	40:	27.06	+ 5 Definituly
5- Elefinitely	76	44.73	
Total	178	7100	



Department of Civil Laguerring

Academic Year : 2022-2023

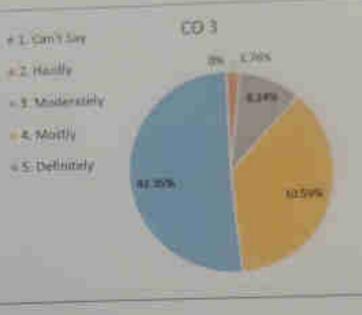
Course Exit Report Analysis (SEM-VII)

Subject - Disaster Management and Mitigation Measures

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Tarannum Shaikh/ Prof. Neha Chhangani

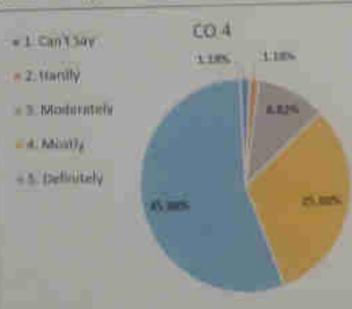
CO.3. Determine and get acquainted with government policies, acts and various organizational structure associated with an emergency.

Soure	Social students	Percentage (75)
1- Carlt Say	8	8
2-randy	3	11.76
5- Moderately	541	11.24
A.Wosty:	62	30.59
5- Colimbia	72	42.35
Total	170	100



COM. To explain the institutional framework and GIS application in disaster management.

Source	No. of	Percentage (%)
1-CHITSHY	2	1.18
2- Hardy	2	1.16
3- Madematily	15	5,82
4- Mornix	44	25,811
5- Definitely	78	45.68
Total	170	100



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Civil Dept.

SARASWATI College of Engineering

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Department of Crail Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Disaster Management and Mitigation Measures

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Tarannum Shaikh/ Prof. Neba Chhangani

	No. of students	Percentage	the funds for relief operations * 1. Can't See CO 5	
-Carri Say	2	1148	T. Million T. Mills T. Mills	
2- Handly	3	1.76	=3/Moderatory	
3- Moderately	18	9.41	- A Month	
4 Migstly	47	27.65	= 3. Definitely.	
S- Definitely	73	42,94	2745	
Territ	170	100		

Store	No. of	Percentage (%)		ore and after disasters.
-Carit Say	Ħ	0.50	# 1. Can't Say	5.00 2.54N
Hurdly	61	2.94	= 3 fdollerately	
Modermely	-34	8.24	4 Monthy	X36X
- Mostly	46	77,06	+ 5 Definitely	
Chiffronia.	76	.44 12	1	37.00%
FULL	170	100		

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Cyber Security & Law

Subject Teacher - Prof. Vaibbay Dhage

CO.1. Understand the concept of cybercrime and its effect on outside world Score Nocor Percentuge CO 1 students. (75) . E. Can't Smy T- Can't Say 15 ъ OTH MIC . Z. Harday - Hardly T0.26% 0 3; Moderately. # 3- Maderately 4. Mastiv 4 10026 C. Mostly Scibefinitely: 55,775 12 30.77 SH APA 5- Definitely 25 58.97 Total 30 100

CO.2. Interpret and apply IT law in various legal issues Scare No. 45 Percentage students (%) CO 2 * L Can't Say t-Cart Spy ö (6) · Z. Haraly 10% (US) 2 Hetaly 17 B: =3: Moderately 22.82% 3- Moderatery 4 Mossly 5 12.02 4- Monthly +5 Definitely 89 28/21 25.21% 5- Dufinitely SECOUPLE. 28 5m.970 Total 38 500



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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Cyber Security & Law

Subject Teacher - Prof. Vaibhav Dhage

Score	No. of students	Percentage (%)	■ 1. Can't Say
1- Can't Say	0	0	2. Hardly 0%
2- Hardly	o	0	* 3. Moderately
3- Moderately	3	7.89	4. Mostly
4- Mostly	12	30.77	# 5. Definitely 30.77%
5- Definitely	24	61,54	N.S.
Total	39	100	

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4		
1- Can't Say	0	0	= 2. Hardly	094	0%	
2- Hardly	0	0	+ 3. Moderately		7,69%	
3- Moderately	3	7.69	4. Montly			
4- Mostly	16	41.03	= 5. Definitely	51-38%	41.01%	
5- Definitely	20	51,28		V		
Total	39	100				



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Cyber Security & Law

Subject Teacher - Prof. Vaibbay Dhage

CO.5, Explore Indian IT Act Score No. of Percentage students 1761 1- Can't Say CO-5 #1-Cantisay: 0 I SAME 0 2 Hardly 511% 2- Hardly 4 2.56 3. Moderately 3- Moderately 4. Mostly 2 5.13 4- Mostly = 5. Definitely 14 35.90 55.EO 54.4E% 5- Definitely 22 55.41 Total 39 100

CO.6. Understand & Apply Information Security Standards compliance during software design and development.

	No. of students	Percentage (%)		96 A 7 S 7	
nt Say	0		110-4-111100		3%
dly	0	8		ON.	250%
derately	1	2.56	4 Mostry		
illy	13		= 5. Definitely		38.22%
nitely	25	70 - 70 - 1		GANONE	
	39			164	
	oly Derately	atudents of Say of O day of Say	students (%) 11 Say 0 0 dly 0 8 Interaction 1 2.56 Introduction 1 33.33 Initially 25 64.10	### 1. Can't Say ### 1. Can't Say ### 2. Hardly ### 2.56 ### Mostly ### 1. Can't Say ### 2. Hardly ### Mostly ### 3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.	Students (%)

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Project Stage-1

Subject Teacher - Prof. Shanthi Selvam

CO.1. Evaluate, Apply and analyse problem statements based on societal /research needs and identifies objectives to solve an engineering problem in society

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 1 2386
1- Can't Say	2	0.95	- 2. Hardly	0.95% 6.67%
2- Hardty	5	2.38	3. Moderately	
3- Moderately	14	6.67	4. Mostly	
4- Mostly	62	29.52	= 5. Definitely	2952%
5- Definitely	127	60.48	1	OARS.
Total	210	100		Carlo Barrello

CO.2. Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 2		
t- Can't Say	1	0.48	e 2. Hardly	0.48%	1.90%	
2- Hardly	4	1.90	3. Moderately	4	2.62%	
3- Moderately	16	7.62	4 Mostly	ATTE		
4- Mostly	69	32.86	= 5. Definitely		32,56%	
5- Definitely	120	57.14		\$2,34%		
Total	210	100				

hearn Live Achieve and Contribute Kharghar Naw Marrini #10 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Project Stage- I

Subject Teacher - Prof. Shanthi Selvam

CO.3. Critically analyse data through theoretical/experimental/simulations and describe management techniques to analyse the impact of solutions in societal and environmental for sustainable development

Score	No. of students	Percentage (%)	■ 1 Can't Say CO 3 viass
1- Can't Say	2	0.95	= 2. Hardly 0.95% 3.18%
2- Hardly	1	0.48	3. Moderately
3- Moderately	b	3,18	4, Mostly 29.52%
4- Mastly	62	29,52	a Si Definitely
5- Definitely	137	65.24	65.34%
Total	210	100	

CO.4. Interpret legislation, regulations, codes, and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical alternatives

Score	No. of students	Percentage (%)	■ 1. Con't Say	CO 2	
t- Can't Say	1	0.48	- 2. Hardly	0.48%	1.90%
2- Hardly	4	1.90	- 3. Moderately	A RES	8.10N
3- Moderately	17	8.10	4. Mostly		
4- Mostly	72	34.29	- 5 Belinitely	55.24%	34.29%
5-Definitely	116	55.24		100	
Total	216	196		ALC:	



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-VII)

Subject - Project Stage-1

Subject Teacher - Prof. Shanthi Selvam

CO.5. Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effective oral presentations

Score	No. of students	Percentage (%)	• 1. Cen't Say	CO 5		
1- Cen't Say	1	0,48	2 Hardly	0.48%	333%	
2- Hardly	3	1.43	3. Moderately	4	8.30%	
5- Moderately	17	8.10	4. Mostly	450		
4- Mostly	65	30.95	5. Definitely	59.65%	30.95%	
5- Definitely	124	59.05		59.05%		
Total	210	100		Yell		

CO.6. Describe the rationale and Use project management tools to schedule project work leads to lifeloug learning for continuing professional development.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 6	
1- Carit Say	1	0.48	- 2. Hardly	0.48%	7.38%
2- Hardly	5	2:38	- 3 Moderately	4	7.62%
3- Moderately	16	7.62	4. Mostly	ATTE	
4- Mostly	69	32.86	- 5. Definitely		32 m/s
5- Definitely	119	56.67		54.67%	
Tota	210	100		100	A

HOD Civil Dept. Principal SCOE



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Department of Civil Engineering

Academic Year: 2022-2023

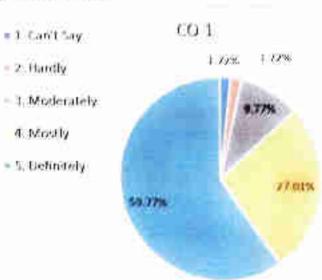
Coarse Exit Report Analysis (SEM-V)

Subject - Geotechnical Engineering-1 (LAB)

Subject Teacher - Prof. Vugandhara Kasture/ Prof. Manoj Piliai/ Prof. Sanjay Singh

CO.1. Classify the physical and engineering properties of soil.

Scure	Sa. of students	Percentage (%)	ľ
- Lant Say	33	1.72	
- Hardly	3	1.72	ĺ
i- Moderately	17	9.77	
- Mostly	47	27.01	İ
- Definitely	104	59.77	İ
Total	174	100	ĺ

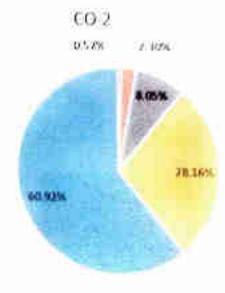


(O.2. Fxamine the plasticity characteristics of soil

Score	No. of students	Percentage
Cant Say	.1	0.57
i- Hardly	*	2 30
I- Moderately	14	8.05
- Mostly	49	28.16
- Detroitely	106	60,92
Total	174	100



1. Can't Say:





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Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-V)

Subject - Geotechnical Engineering-I (LAB)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Piliai/ Prof. Sanjay Singh

CO.3. Summarize the sieve analysis of soil, plot grain size distribution curve and determine the IS classification of sail

Score	No. of students	Percentage (%)	* 1 Can't Say	CO 3
- Cen't Say	1	0.57	2 Hardly	057N 1 159
- Flandly	2	2.30	3, Moderately	10.34%
3. Moderately	18	8.05	a, Mostly	
- Mostly	47	28.16	5. Definitely	27.01%
5- Definitely	106	60.92	1	60.034
Total	174	100	1	

CO.4. Illustrate coefficient of permeability of soils

score	No. of students	Percentage (%)	=1.Can1Say CO	4
I-Dan't Bay	3	0.67	≠ 2. Hardly 0.579	4 72%
2- Hardly	138	1.72	-3. Moderately	33,40%
3- Morterately	20	11.49	-4 Mostly	
- Mostly	49	28.16	4.5. Definitely	28.350%
5- Definitely	101	58.05	THE STATE OF THE S	
Total	174	100	34	



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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Gentechnical Engineering-1 (LAB)

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai/ Prof. Sanjay Singh

Score	No. of students	Percentage (%)	• I. Can I Say	CO 5
1- Cant Say	2	1,15	+ 2. Herdly	1.15% 0.57%
D-Hardy	(1	0.57	+ 3 Moderately	AESS
3- Moderately	15	8.62	4. Mostly	
4- Mostly	53	30.46	- S. Definitely	59.20%
5- Definitely	103	59.20		
Total	174	100		

Score	No. of students	Percentage (%)	• 1. Can't Say	CO 6	
1-Can'l 5.89	2	1,15	= 2. Hardly	1.15N	1.72%
2- Hardly	3	1.72	= 3. Moderately	1	33,494
3- Moderately	20	11.49	= 4. Mostly		
4- Mostly	.66	32.18	S. Cirlinitely	148	Skille
5- Definitely	93	53.45	1		7
Total	174	100			

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Transportation Engineering (LAB)

Subject Teacher - Prof. Manoj Pillai/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

CO.1. Classify Bitumen on the basis of Penetration and Viscosity grade

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 1
1- Can't Say	2	1.15	= 2. Hardly	1.15% J.87%
2- Hardly	5	2.87	= 3. Moderately	9200
3- Moderately	16	9.20	4. Mostly	
4- Mostly	49	28,16	S. Definitely	(2)(365
5- Definitely	102	58.62		
Total	174	100		

CO.2. Select Bitumen as per suitability on basis of softening point and ductility value

No. of students	Percentage (%)	# 1 Can't Sau	CO 2	
2	1,15	ACCESSION OF		2.67%
5	2.87	= 3. Moderately		Tomas .
19	10.92	- 4. Mostly	1	10.92%
62	29.89	5. Definitely		
96	55.17		35.17%	29.89%
	5 19 52	\$tudents (%) 2 1,15 5 2,87 19 10.92 52 29.89 96 55.17	students (%) * 1. Can't Say 2 1.15 * 2. Hardly 5 2.87 * 3. Moderately 19 10.92 * 4. Mostly 52 29.89 98 55.17	Students (%)



Department of Civil Engineering

Veademic Vear 2022-2023

Course I vit Report Analysis (SEM-V)

Subject—Transportation Engineering (LAB)

Subject Teacher - Prof. Manoj Pillai. Prof. Anjali D'sa: Prof. Pallavi Tajane

1 (1) 3. Determine suitability of aggregate on basis of Impact value, Abrasion value and crushing value

Soure	No. of students	Percentage	91315465749	CO 3	
and Swi		1.15	+ 2 Handle	9.15%	1960
\$ Harsh	7:	172	-). Moderating		LEPS
3 Moorewy	. 11	12/67	4 MoitV		
A Made	48	27 fm	CVS. Definitely:	0.696	2150%
1. Defendes	Sho	37.47			
Tow	100	100			

1 11.4 Distinguish Llongated and Flaky aggregate on basis of Shape test

Scott.	Su of students	Percentage ("-1	4.07407789	CO 2	
Certier	12	1.00	Standing	1.15%	0.004
Hette		177	- 1. Minda satisfy	4	9,77%
1 Maderatory		T WO:	16: ME(0.15)		
4 Mostly	-3.4	90.46	- Controlled	M. N/R	12,46%
- Liebrotels	766	56'90	11		
Travel	2674	100			



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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Transportation Engineering (LAB)

Subject Teacher - Prof. Manoj Pillai/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

Score	No. of students	Percentage (%)	= 1. Can't Say	cos
1- Can't Say	0	Ü	2. Hatrily	2:30%
2- Hardly	4	2.30	- 3. Moderately	930%
3- Moderately	16	9.20	4 Mostly	
4- Mostly	49	28.16	= 5. Definitely	26.36%
5- Definitely	105	60,34	60	34%
Total	174	100		

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 6
1- Can't Say	2	1.15	- 2. Hardly	I.15% 4.60%
2- Herdly	8	4.60	= 3. Moderately	
3- Moderately	18	10.34	→4, Mastly	10.34%
4- Mostly	56	32.18	= 5. Definitely	LPEN
5- Definitely	90	51.72	A	32.10%
Total	174	100		

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Professional Communication and Ethics

Subject Teacher - Prof. Sima Singh

CO.1. Discern & develop an effective style of writing important technical/ bu

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 1	
Can't Say	3	1.72	2. Hardly	1.72%	4.07%
Hardy.	7	4.02	3. Moderately	4	VA.
Moderately	16	9.20	4. Mostly		9 20X
Mostly	46	27.59	5. Definitely		2759W
Definitely	100	57,47	37	67%	
otal	174	100		Y.	

CO.2. Investigate possible resources & plan a successful job campaign

Score	No. of students	Percentage (%)	= 1. Cun't Say	CO 2	
t-Cant Say	1	0.57	= 2. Handly		2.87%
2. Hardly	-5	2.87	3. Moderately		10.34%
3- Moderately	18:	10/34	-d Mostly	ATT	
4- Mostly	52	29.89	- 5. Definitely		
5- Definitely	98	56.32		56.32%	PERPS
Total	174	100			



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Professional Communication and Ethics

Subject Teacher - Prof. Sima Singh

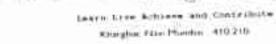
CO.3. Understand the dynamics of professional communication in the form of group discussions, meetings, etc. required for career enhancement

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 3
t- Can't Say	2	1,15	≥ 2. Hardly	1.15% 3.45%
2- Hardly	6	3,45	≥ 3. Moderately	10.34%
3- Moderately	18	10.34	* 4. Mostly	10,34%
4- Mostly	41	23.56	≠ 5. Definitely	22.504
5- Definitely	107	61.49	61	48%
Total	174	100		

CO.4. Develop creative and impactful presentation skills

Score	No. of students	Percentage (%)	# 1. Con't Say	CO 4
1- Can't Say	3	1,72	2. Hardly	1,72% 1,72%
2- Hardly	3	1.72	= 3. Moderately	9:30%
3- Moderately	16	9.20	4. Mostly	
4- Mostry	46	26.44	# 5. Definitely	26.4èN
5- Definitely	106	60.92		60.52>
Total	174	100		





Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Professional Communication and Ethics

Subject Teacher - Prof. Sima Singh

CO.5, Analyse personal traits, interests, values, aptitudes & skills. Percentage No. of Score COS . I Can't Say students (26)t- Carvit Say 1.72% 4.02% 1.72 3 2. Hardly Z- Hardly 3. Moderately 7 4.02 4. Mostly 3- Moderately 9.77 17 = 5. Definitely 4- Mostly 27.59 48 7759% 56,90% 5- Definitely 56.90 99 Total 100 574

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 6	
1- Carrt Say	3	1.72	= 2. Hardly	1.72% 1.45%	
2- Hardly	6.	3.45	- 1. Moderately		62%
3- Moderately	15	8.62	4. Mostly	1	
4- Mostly	50	28.74	= 5. Definitely		28.74%
5- Definitely	100	57.47		1	
Total	174	100			

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Department of Civil Engineering

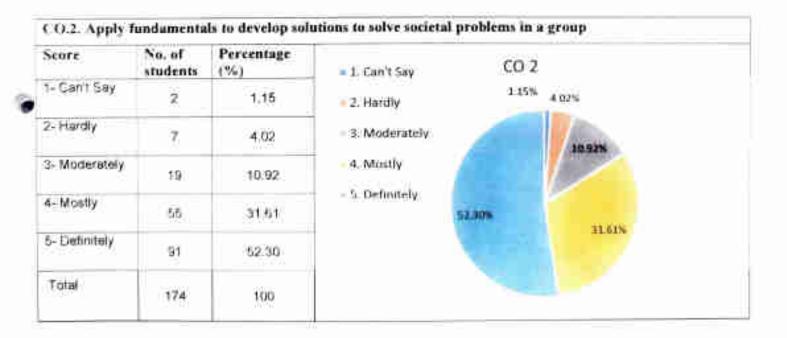
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Mini Project-2A

Subject Teacher - Prof. Yugandhara Kasture

CO.1. Illustrate the problems based on societal /research needs and formulate a solution strategy. No. of Percentage Score COL students (26)= 1. Can't Say 1- Can't Say 2,30% 517% 2.30 = 2. Hardly - Hardly - 3. Moderately 9 5.17 3- Moderately 4. Mostly 17 9.77 5. Definitely 4- Mostly 47 27.01 55/75% 27.01N 5- Definitely 97 55.75 Total 174 100





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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Mini Project-2A

Subject Teacher - Prof. Vugandhara Kasture

CO.3. Analyse the specific need, formulate the problem and deduce the interdisciplinary approaches, software-based solutions and computer applications

Senre	No. of	Percentage (%)	+ I Card Say	CO 3
1+ Cam't Say	3	1.72	- 2 Hardly	1.72% 1.45m
2-Hardy	6	3,45	- 1 Moderately	3.103
≥ Moderately	16	9.20	¥4. Mostly	
4- Mostly	62	35.63	S Definitely	
5- Definitely	87	50		ISAN.
Total	174:	100		

CO.4. Identify the systematic flow chart, evaluate inter disciplinary practices, devices, available software, estimate and recommend possible solutions

Score	No. of students	Percentage (%)	= 1. Can't Say	CO	4	
1- Carri Say	3	1.72	2 Hardly		172% 5.17%	
2-Hardly	9	5.17	= 5. Moderately	4		
3- Moderately	20	11.49	-4. Mostly		33,468	
4- Mostly	59	33.91	= 5 Definitely	#7:70%		
5- Definitely	83	47,70			33.91%	
Total	174	100				



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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Mini Project-2A

Subject Teacher - Prof. Yugandhara Kasture

CO.3. Analyse the specific need, formulate the problem and deduce the interdisciplinary approaches, software-based solutions and computer applications

Scare	No. of students	Percentage (%)	a 1 Canthay	CO 3
- Cart Say	3	3.72	= 2 transfe	3172% p. 45%
z-Hardly	6	3.45	= 3. Moderately	9.20%
3- Moderately	16	9.20	4 Mostly	
4- Mostly	62	38.63	- + 5 Definitely	25.62%
5- Definitely	57	50		
Total	174	100		

(O.4. Identify the systematic flow chart, evaluate inter disciplinary practices, devices, available software, estimate and recommend possible solutions

Score	No. of students	Percentage (%)	• 1. Can't Say	CO 4	<u>B</u>
1- Carri Say	3	1.72	- 2. Hardly		1728 x 178
2- Hardly	9	:5:17	- % Moderately	4	11.40%
3- Moderately	OH.	11.46	a Munth	40.38%	11.4%
4- Mostly	59	33.01	= 5 Debuttely	1000	
5- Definitely	83	47.70			23,315
Total	174	100			





Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Mini Project-2A

Subject Teacher - Prof. Yugandhara Kasture

CO.5. Demonstrate the proper inferences from available results through theoretical/experimental/ simulations and assemble physical systems.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 5	
1- Can't Say	4	2,30	2. Hardly	2.30%	4.02%
2- Hardly	7	4.02	= 3. Moderately	40	Y
3- Moderately	22	12.64	4 Mostly	ABB	22.64N
4- Mostly	55	31.61	+ S. Definitely	49.43N	
5- Definitely	56	49.43			31.61%
Total	174	100			

CO.6. Create devises or design a computer program or develop computer application

No. of students	Percentage (%)	= 1. Can't Say	CO 6	
3	1.72	2. Hardly	1.72%	1.45%
6	3.45	3. Moderately		
24	13.79	4. Mostly		18.79%
55	31.61	- 5. Definitely	49,43%	
86	49.43			311.63%
174	100		1	
	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 1.72 6 3.45	* 1. Cap't Say * 2. Hardly * 3. Moderately * 4. Mostly * 5. Definitely * 5. Definitely * 5. Definitely * 5. Definitely * 6. A9.43	Students (%) St. Can't Say CO 6

HOD Civil Dept.



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Theory of Reinforced Concrete Structure

Subject Teacher - Prof. D.M. Joshi/ Prof. Shweta Motharkar/ Prof. Supriya Kadam/ Prof. Nilima Shende

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 1	
- Can't Say	0	0	2. Hardly	0%	2.87%
- Hardly	5	2.87	1. Moderately		1127%
- Moderately	23	13.22	4 Mostly		
L- Mostly	54	31.02	= 5. Definitely 52.87		
5- Definitely	92	52.87			33.02%
Total	174	100			

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 2	į
I- Can't Say	2	1.15	= 2 Hardly	1,15%	3.45%
2- Hardly	6	3.45	- 3. Moderately		V American
3- Maderately	22	12.64	4. Mostly		13.54%
4- Mostly	58	33.33	= 5. Definitely	45.43%	
5- Definitely	86	49.43			33,53%
Total	174	100		4	

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Theory of Reinforced Concrete Structure

Subject Teacher - Prof. D.M. Joshi/ Prof. Shweta Motharkar/ Prof. Supriya Kadam/ Prof. Nilima Shende

CO.3. Identify existing solution method to analyse and design various types of beam sections under flexure. shear, bond and torsion using Limit State Method.

Score	No. of students	Percentage (%)	= 1 Can't Say	CO 3		
1- Can't Say	2	1.15	- 2. Hardly	1.15%	1.45%	
2- Hardly	6	3.45	3. Moderately		Van.	
3- Moderately	29	16.67	4: Mostly		16.67%	
4- Mostly	57	32.75	5. Definitely	45.98%		
5- Definitely	80	45,98		THE PARTY NAMED IN	32,76%	
Total	174	100				

CO.4. Extract engineering requirements from 1S-456:2000 for analyzing and design Slabs. Score No. of Percentage students CO 4 (%) a 1. Can't Say 1. Can't Say 3. 1.72 1.72% 4.02% 2. Hardly 2- Hardly 17 4.02 3. Moderately 13,22% 3- Moderately 4. Mostly 23 13.22 5 Definitely 4- Mostly 51 29.31 SLUTZN 5- Definitely 29,31% 90 51.72 Total 174 100



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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Theory of Reinforced Concrete Structure

Subject Teacher - Prof. D.M. Joshi/ Prof. Shweta Motharkar/ Prof. Supriya Kadam/ Prof. Nilima Shende

CO.5. Identify the mathematical, engineering and other relevant knowledge that applies to the design of columns

Score	No. of students	Percentage (%)	■1. Can't Say	CO 5	
1- Can't Say	3	1.72	2. Hardly	3.72%	4.02%
2- Hardly	7	4.02	3. Moderately	4	(10.34%
3- Moderately	18	10.34	4. Mostly		
<- Mostly	55	31.61	< 5. Definitely	SERON	
5- Definitely	91	52,30		THE	31,615
Total	174	100		Ve I	

CO.6. Determine design objectives, functional requirements and arrive at design specifications of different types of footing.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 6		
t- Can't Say	3	1.72	2. Hardly	1.72%	3.45%	
2- Hardly	6	3.45	3. Moderately	400	12.64%	
3- Moderately	22	12.64	4. Mostly		10.112	
4- Mostly	59	33.91	- ≈ 5 Definitely	ARZIN		
5- Definitely	84	48.28			31.91%	
Total	174	100			X	

HOD Civil Dept. Principal SCOF



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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Applied Hydraulics

Subject Teacher - Prof. Hemant Sarje/ Prof. Ashwini Bodkhe/ Prof. Pooja Somani

CO.I. Demonstrate impact of jet on stationary, moving, hinged and series of plates also solve the numerical based on forces acting on it.

Score	No. of students	Percentage (%)	• 1. Contiay	CO 1	
1- Can't Say	3	1.72	= 3. Hardly		10096
2- Hardly	ŝ	1.72	- 3. Moderately		9.20%
3- Moderately	-16	9.20	- 4 Mostly		
4- Mostly	53	30.46	» 5. Definitely	WAS NAME.	30,45%
5- Definitely	99	56.90		96,90%	Canal Canal
Total	174	100		April 1	8

CO.2. Disringuish various types of turbines, Characteristic curves and its components

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 2	
1-Can't Say	0	р	2. Hardly	0%	2.8/%
Z- Hardly	357	2.87	= 5 Moderately		12.64%
3- Moderately	22	12.64	-4. Mostly	ALIE	
4- Mostly	47	2/.01	 5. Definitely 		10000
5- Definitely	100	57.47		52.47%	27.00%
Total	174	100		1000	A.



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Department of Civil Engineering

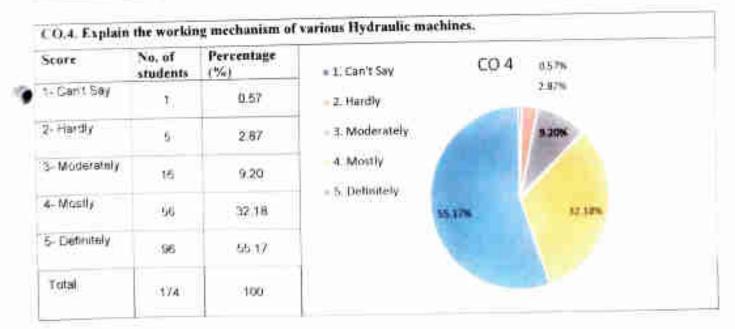
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Applied Hydraulics

Subject Teacher - Prof. Hemant Sarje/ Prof. Ashwini Bodkhe/ Prof. Pooja Somani

соге	No. of students	Percentage (%)	w.l. Can't Say	CO 3	
- Can't Say	2	1.15	2. Hardly	1	15% 2.30%
2- Hardly	4	2:30	- 3. Moderately		12.64%
3- Moderately	22	12.64	4. Mostly		
4- Mostly	50	28.74	< <u>S. Delinitely</u>	NS.178	29.74%
5- Definitely	96	55,17		VIII	
Total	174	100		1	-4





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Department of Civil Engineering.

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Course Exit Report Analysis (5EM-V)

Subject - Applied Hydrautics

Subject Teacher - Prof. Hemant Surjet Prof. Ashwini Bulkhet Prof. Punja Sumani

CO.5. Identify the hydraulic behaviour of open channel flow and design the most economical section of channels

Scure	No. of students	Percentage (%)	■ 10458605869	(.)	6	
1- Can1 Say	3	5,15	= 2, Hardly		CINS Zins	
- Hardly	940	050003	- I Moderately	1	32.64%	
3- Moderately	72	12,64	4. Monthly	STATE OF THE PARTY.		
4- Mostly	252	29.89	- 5. Definitely	54.02%	29.00%	
5- Definitely	94	54.02				
Total	174	100				

CO.6. Apply mathematical relationships for hydraulic jumps, surges, and critical, uniform, and graduallyvarying flows

Score	No. of students	Percentage (%)	- 1. Can't Say	CO 6		
1- Card Say	2	1.15	= 2. Hardly	1	1576 2 stmi	
2- Hardly	140	2.30	. 1. Moderately	4	1120	
5- Moderately	24	13.79	4. Mostly		1	
4- Mostly	-50	28.74	- 5 Definitely	14.02%		
5- Definitely	54	54.02		THE P	3 (300,7900)	
Total	174	100		1		

HOD Civil Dept.

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Department of Civil Engineering

Academic Year: 2022-2023

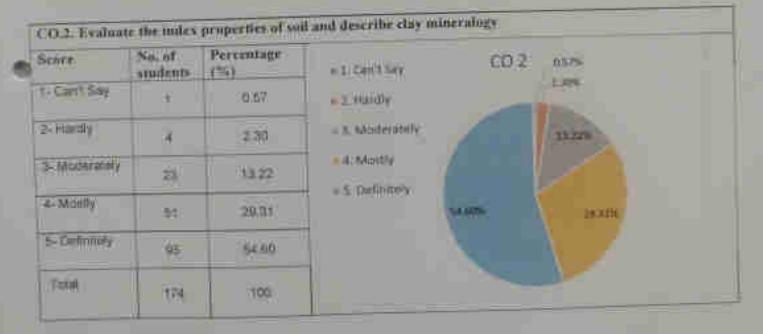
Course Exit Report Analysis (SEM-V)

Subject - Geotechnical Engineering-1

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai/ Prof. Sanjay. Singh

CO.1. Explain the basic concepts of the physical and engineering properties of soil and use the relationship among various unit weights& other parameters to solve the problems

Score	No. of students	Percentage (%)	with Conflictor	601	2.00
14 Carrit Say	3	0.57	= 2: Hanffy	.0.57%	1.12%
2- Hardy	3	1.72	* ± Moderatory		AND
3-Moderately	150	8.62	= 4. Mostly = 5. Delinitely		
4- Mostly	50	33.91	a 2 Demont	95.12%	33.3334
5- Definitely	.95	166:17			
Total	174	100			





Learn Live Actions and Contribute Anarghar Fine Months: 410 (19)

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Geotechnical Engineering-1

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai/ Prof. Sanjay Singh

core	No. of students	Percentage (%)	 1: Cary t-Say 	CO 3	- 4000
Can't Say	1	0.57	. Z. Rardly	0.57	4.02%
Hardly	7	4.02	- 3. Moderately	4	12.07%
- Moderately	25	12.07	4 Mostly - 5 Definitely		
- Mostly	49	28 16	a di Celinitary	55.176	28.16%
5- Definitely	96	55.17			
Total	174	100			

CO.4. Calculate the coefficient of permeability of different types of soils and summarize flow net

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 4	
T- Carrt Say	0	0	= 2 Hardly		2 10%
2- Hardly	4	2.30	3 Moderately		1129%
3- Moderately	24	13,79	4 Mostly		
4- Mostly	48	27 59	M. POLETIE.	56.32%	27525
5- Definitely	- 188	56:32	-		
Total	1743	100			



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Geotechnical Engineering-1

Subject Teacher - Prof. Yugandhara Kasture/ Prof. Manoj Pillai/ Prof. Sanjay Singh

CO.5. Determine the total stress, neutral stress and effective stress in a soil mass subjected to different geotechnical condition.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 5		
1. Can't Say	. 1	0.67	2. Hardly		72%	
2- Hardly	3	1.72	3. Moderately	11	L 1978	
3- Moderately	20	11.49	4. Minstly			
4- Mostly	52	29.89	- 5. Definitely	59.52%	29.20%	
5- Definitely	98	56.32				
Total	174	100				

CO.6. Calculate the optimum moisture content of a soil and explain the necessity and methods of soil exploration.

Score	No. of students	Percentage (%)	= 1 Cen't Say	CO 6	
- Can't Say	1	0,57	2. Hardly	0.57%	1.77%
2- Hardly	3	1.72	3. Moderatnly	4	10.92%
3- Moderately	19	10.92	4. Mostly		
4- Mostry	46	26.44	5. Definitely	60.38%	26,44%
5- Definitely	165	60.34			
Tatul	174	100			







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Department of Civil Engineering

Academic Year: 2022-2023

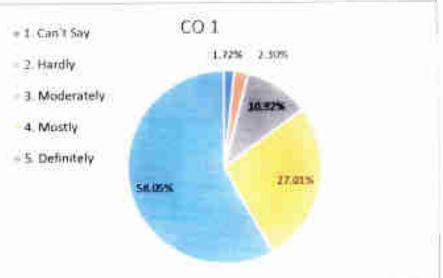
Coarse Exit Report Analysis (SEM-V)

Subject - Transportation Engineering

Subject Teacher - Prof. Manoj Pillai/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

CO.1. Summarize various modes of transportation and explain basic technical aspect of railways, airways and waterways

Score	No. of students	Percentage (%)	+ 1 Car
1- Can't Say	3	1:72	= 2. Har
- Hardly	4	2:30	= 3. Mo
3- Moderately	19	10.92	4. Mo
4- Mostly	47	27.01	∞ 5. De
5- Definitely	101	58.05	
Total	174	100	



CO.2. Describe different roads plans, requirements of alignment and calculate the sight distances, superclevation, widening and gradient compensation on a highway.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 2	
1- Can't Say	4	2.30	= 2. Hardly	2.30% 2.10%	
2- Hardly	14	2:30	- i. Moderately	AND	
3- Moderately	15	8.62	- 4 Mostly		
4- Mostly	48	27.59	- 5 Definitely	27.59%	
5- Definitely	103	59.20		59.70%	
Total	174	100			



Kharghar Navi Mireshor 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Transportation Engineering

Subject Teacher - Prof. Manoj Pillai/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

CO.3. Identify different traffic studies and analyze basic parameters of traffic engineering for efficient planning and control of traffic

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 3		
1- Can't Say	4	2.30	2. Hardly		30% 1.72%	
2- Hardly	3	1.72	3 Moderately	A	21.49%	
3- Moderately	20	11,49	4. Mostly			
4- Mostly	51	29.31	= 5. Definitely	55 17%	29 3196	
5- Definitely	96	55,17				
Total	174	100		1	1	

CO.4. Combine scientific principles and engineering concepts to understand various components of building water supply system and storage of water in terms of applicability and required accuracy

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 4	
1-Can't Say	2	1.15	= 2 Hardly	1.15%	5:45%
2- Hardly	6	3.45	= 3, Moderately		11.49%
3- Moderately	20	11.49	4. Mostly		
4- Mostly	50	28.74	S. Definitely	55-17%	28.74%
5- Definitely	96	55.17		7	
Total	174	100			

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SARASWATI College of Engineering

Learn Live Anhieve and Contrabute Kharghar New Harden 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Transportation Engineering

Subject Teacher - Prof. Manoj Pillai/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

Score	No. of students	Percentage (%)	■ 1. Can't bay	CO 5	
I- Can't Say	3	1.72	- 2 Hardly	1.22%	2 30%.
2- Hardly	4	2.30	- 3. Moderately		20.92%
3- Moderately	19	10.92	4. Mostly		
4- Mostly	54	31.03	5. Definitely	IA.02%	21.21
5- Definitely	94	54.02			31.03/4
Total	174	100			

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 6	
1- Can't Say	2	1.15	2. Hardly	1.15% 1	B7%
2- Hardly	5	1,87	= 3. Moderately		1.49%
3- Moderately	20	11,49	- 4. Mostly		
4- Mostly	57	32.76	– 5. Definitely	CTPS.	TO THE STATE OF
5- Definitely	90	51,72			32,76%
Total	174	100			

HOD Civil Dept.

Principal SCOE



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Air and Noise Pollution and Control

Subject Teacher - Dr. Saumya Singh

CO.t. Apply fundamental engineering concepts to gain the knowledge of Air pollutants and its classification, sources of generation, Emission Inventory & Indoor air pollution, Identify, assemble and evaluate information and resources of Air Quality Index and Numerical on conversion of units of pollutants

Score	No. of students	Percentage (%)	* I. Can't Say	CO 1
t- Carrt Say	0	· 0	- 2. Hardly	696 3-33%
2- Hardly	1	3.33	3 Moderately	No.
3- Moderately	3	10	- 4. Mostly	
4- Mostly	:5	16.67	• S. Definitely	16.57%
5- Definitely	21	70		2006
Total	30	100		CE TO

CO.2. Apply fundamental engineering concepts to explain and analyse the effects of air pollutants on human beings, plants, animals, properties and visibility. Exposure to air pollution. Apply formal idea generation tools to solve numerical problems based on COB, CoHb

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 2	
1- Can't Say	0	0	= 2, Hardly	0%	
2- Hardly	2	6.67	3. Moderately	4.67%	
3- Moderately	*:	3.33	4 Mostly		
4- Mostly	8	26.67	S. Definitely	26.67%	
5- Definitely	19	63.33		62.00%	
Total	30	100		The same of the sa	



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Air and Noise Pollution and Control

Subject Teacher - Dr. Saumya Singh

CO.3. Apply formal idea generation tools to learn how to measure and Control technology of Air Pollutants Score No. of Percentage CO 3 students (%) . I Can't Say t- Can't Say 3 939% & 33% 0 0: 0% 2. Hardly 2- Hardly 3 Moderately. 1 3.33 3- Moderately 4. Mostly 2000 1 3.33 = 5 Definitely c. Mostly 6 20 5. Definitely 75.35% 22 73.33 Total 30 100

CO.4. Identify and apply modern engineering tools to study meteorological process and air quality monitoring

Score	No. of students	Percentage (%)	■ L. Can't Say	CO 4	
1- Carrt Say	ō	.0	2. Hardly	0%	
2- Hardly	3:	10	- 3. Moderately	10%	
3- Moderately	ů.	a	4 Mostly		
4- Mostly	8	26.67	= 5. Certinitely	26,67%	
5- Definitely	193	63.33		61.71%	
Total	20	100			



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Department of (ivil Engineering

Academic Venr : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Air and Noise Pollution and Control

Subject Teacher - Dr. Saumya Singh

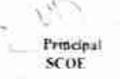
CO.5. Apply fundamental engineering concepts to learn and explain Current Issues on Air Pollution

Score:	No. of students	Percentage	+1 Canifey	CO S
- Cant Say	0	o	■ 2 Hardly	Dis 132%
- Hardly	100	3.33	3. Moderately	LIN
3- Moderately	ż	6.67	4: Mostly	
4- Mostly	7	23.33	5. Definition	28398
- Definitely	20	66.67	-	GEN
Total	30	100		

CO.6. Apply fundamental engineering concepts to learn and explain Noise Pollution

Score	No. of students	Percentage (%)	≥ 1 Cant Say	CO 6	-Paul
- Sant Say	ō.	0	= 2. Hartily		33% 1.33%
- mandly		3.33	3. Moderately	400	War.
3- Moderately	1	3.33	4 Mostly		
- Mostly	10	33 33	S Definitely		12.00%
- Definitely	18	60		60%	
Total	30	100			





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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Advanced Concrete Technology

Subject Teacher - Dr. Raji/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

CO.1. Understand the various properties and tests of materials used in concrete along with the rheology of fresh concrete

HAND COMETEN			
Score	No. of students	Percentage (%)	• 1. Can't Say CO 1
1- Can't Say	1	1.39	= 2. Hardly 1.39% (% 4.17%
2- Hardly	0	.0	- 3. Moderately
3- Moderately	3	4.17	- 4. Mostly
4- Mostly	24	33,33	= 5. Definitely
5- Definitely	44	61,11	
Total	72	100	

CO.2. Study the different procedures for testing hardened concrete, its compositions and quality of in place concrete.

Score	No. of students	Percentage (%)	* 1. Can't Say	CC	2	
1- Can't Say	0	0	# 2. Hardly		DN UN	
2- Hardly	.0	0:/	e 3. Moderately		1500	
3- Moderately	.5	6.94	- 4. Mostly	1		
4- Mostly	29	40.26	# 5 Definitely	52.00%	40.20%	
5- Definitely	38	52.78		No.		
Total	72	100				

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Advanced Concrete Technology

Subject Teacher - Dr. Raji/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

CO.3. Understand the concept of durability and cracking in concrete, also understand the significance and 5parameters of concreting under extreme environment and conditions.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 3		
1- Can't Say	1	1.39	= 2. Hardly	7.19%	1.19%	
2- Hardly	á	1:39	= 3. Moderately		6.94%	
3- Moderately	5	6.94	4. Mostly			
4- Mostly	22	30.56	S. Definitely	1,72%	30.54%	
5- Definitely	43	59.72				
Total	72	100				

CO.4. Generate the mix proportions of concrete for field application by using various methods

Score	No. of students	Percentage (%)	1. Can't Say	CO 4	
1- Can't Say	17	1:39	= 2. Hardly	1.39%	1.39%
2- Hardly	1	1.39	= 3. Moderately		6.94%
3- Moderately	5	6.94	4. Mostly		
4- Mostly	30	41.67	≠ 5. Definitely	40.61%	
5- Definitely	35	48:61			41.67%
Total	72	100		-	



Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Advanced Concrete Technology

Subject Teacher - Dr. Raji/ Prof. Anjali D'sa/ Prof. Pallavi Tajane

CO.5. Describe the various properties of special concrete

100007	No. of students	Percentage	The State of the S		
- Can't Say		(3.6)	• 1. Can't Say	CO 5	
	Ü.	ū	F-2 Mandly	09.	1.19%
- Hardiy	11	1.39	- 3. Muderately		6500
5: Moderately	5	5.94	4 Mostly	A STATE	
4- Mostly	-	+	= 5. Definitely		
	28	38.89	TOTAL STREET	52.78%	and the same of th
5- Definitely	38	52.78		-corns	18,39%
Total	72	1000	ii	101	
	1.2	100		1	

CO.6. Justify the quality of concrete by evaluating the acceptance criteria.

No. 01	Percentage	300 CO 100		
Production	1.700]	■ 1. Fac't Say	CO 6	
2	2.78	2 Hardly	2.78%	1 39%
:1	1.39	= ± Moderately		1
6	8:33	4 /Mostly		(REEN)
21	29.12	-1. Deficitory		
42	58.6%		a.sm	25(12)
72:	100			
	No. of students 2 1 5	No. of Percentage students (%) 2 2.78 1 1.36 5 8.33 2: 29.17 42 50.35	No. of Percentage	1 1 1 2 2 2 2 2 2 2

HOD Civil Dept.

Principal SCOF



Learn Live Achieve and Controllate Kharghar Nam Maries 410 310

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Building Services and Repairs

Subject Teacher - Prof. Shanthi Selvam

CO.1. Explain the design concepts of various machineries like lift, escalators, vibrators, concrete mixers etc No. of Percentage Score CO 1 students (%) 1. Eun t Say 1- Can't Say 4 2 Lincity 2- mently 3. Moderately 2 1000 4: Mostly Moderately 0 18 5 Definitely. in the a. Mostly 26 130 5- Definitely 26% 50 25 ∃ota 100 50

Score	No. of students	Percentage	■ 1. Can't Say	CO 2
- Can't Say	2	4	2. Hardly	0%
НагФу	6	0	= 3. Muderately	12%
> Moderately		12	- t Mostly	30%
- Mostly	23	40	• % Trefuritely	
5- Definitely	19	99		400
Total	50	100		



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Building Services and Repairs

Subject Teacher - Prof. Shanthi Selvam

CO.3. Summarize the working of electrical systems and illumination designs in buildings

Score	No. of students	Percentage (%)	a 1. Can't Say	CO 3
1- Can't Say	2	4.	2. Hardly	246
2- Hardly	1	2	= 3. Moderately	
3- Moderately	11	22	4. Mostly 5. Definitely	229 54%
4- Mostly	14	28	3. Deliniesy	
5- Definitely	22	44		28N
Total	50	100		

CO.4. Summarize the working of electrical systems and illumination designs in buildings

Score	No. of students	Percentage (%)	1. Can't Say	CO 4
1- Can't Say	2	4	= 2. Hardly	2%
2- Hardly	11.	2	= 3. Moderately	148
3- Moderately	70	14	- 4 Mostly	18X
4- Mostly	21	42	S. Definitely	
5- Definitely	19	38	A	42N
Total	50	100		

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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Building Services and Repairs

Subject Teacher - Prof. Shanthi Selvam

CO.5. Determine the condition of a building through condition survey

Score	No. of students	Percentage (%)	S COTE
1- Can't Say	2	4	= 1. Can't Say CO 5
2- Hardly	0	0	= 3. Moderately
3- Moderately	8	16	- 4. Mostly
4- Mostly	20	40	S. Definitely
5- Definitely	20	40	
Total	50	100	40%

CO.6. Select the repair materials and methodologies to repair the distr

Score	No. of students	Percentage (%)	■1 Can't Say CO 6
1- Can't Say	2	4	2. Hardly on
2- Hardly	0	0	- 3. Moderately
3- Moderately	13	26	4. Mostly
4- Mostly	217	34	- 5. Definitely
5- Definitely	18	36	
Total	50	100	34%







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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Sustainable Building Materials

Subject Teacher - Prof. Rachel Gitty

CO.1. Explain sustainable practice by utilizing engineering practices No. of Percentage. Score CO I students (%) 1 Can 1 Say 4.55% 1- Can't Say 4.55 2 Hardly 2- Hardly 3. Muderately 0 O. 18.18% 4. Mostly 3- Moderately 4 18.15 S. Definitely 900956 4- Mostly 9.09 2 68 18% 5- Definitely 68,18 15 Total 100 22

core	No. of students	Percentage (%)	■ 1, Can't Say	CO 2
Can't Say	0	Ö	 2. Handly 	O% 17%
Hardly	0	o	- 3. Moderately	IS.SAN
Moderately	3	13.64	4. Mostly	DMS
Mostly	3	13.64	= 3, Denintery	A VINCEN
Definitely	16	72.73	7	2.73%
otal	22	100		The state of the s



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Sustainable Building Materials

Subject Teacher - Prof. Rachel Gitty

CO.3. Suggest appropriate type of masonry unit and mortar for civil engineering constructions Score No. of Percentage students (%)CO 3 1 Can't Say t- Can't Say 0 0 005, 006 2. Hardly 2- Hardly 0 0 - 3. Moderately IXARN 3- Moderately 4. Mostly 3 13.64 S. Definitely 4. Mostly 6 27.27 27.27% 59.00% 5- Definitely 13 59.09 Total 22 100

Score	No. of students	Percentage (%)	a 1. Can't Say	CO 4
1- Can't Say	0	0	2. Hardly	the and
2- Hardly	0	a	3. Moderately	9.09%
3- Moderately	2	9.09	4. Mostly	18.18%
4- Mostly	4	18.18	5. Definitely	
5- Definitely	:16	72.73		72.73N
Total	22	100		





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Sustainable Building Materials

Subject Teacher - Prof. Rachel Gitty

CO.5. Suggest suitable alternative building technologies for sustainable development No. of Score Percentage CO 5 students (%) 1 Cun't Say 1- Can't Say 0% cm. 0 0 2. Hardly 9.09% 2- Hardly - 3. Moderately a 0 4. Mostly 3- Moderately 2 9.09 22,73% 5. Definitely 4- Mostly 22.73 5 GHEERS6 5- Definitely 68.18 15 Total 100 22

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 6	
1- Can't Say	ū	0	2. Hardly	0% 4.55%	
2- Hardly	1 3	4.55	= 3. Moderately	5.09%	
3- Moderately	2	9.09	4. Mostly		
4- Mostly	4	18.16	5. Definitely	inims	
5- Definitely	15	68,18	N	68.30%	
Total	22	100			

HOD Civil Dept. Principal SCOE



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Theory of Reinforced Concrete Structure (LAB)

Subject Teacher - Prof. D.M. Joshi/ Prof. Shweta Motharkar/ Prof. Supriya Kadam/ Prof. Nilima Shende

CO.1. Apply fundamentals of Working stress method in Civil Engineering to solve engineering problems

Score	Na. of students	Percentage (%)	#1 Cart Say CO 1
1- Can't Say	4	2,30	2.30% 5,45%
2- Herdy	6	3.45	- J. Waderstely
3- Moderately	161	926	= 4: Khristly
4- Mastly	55	51:61	- 5. Definition
5- Definitely	R3:	53.45	
Total	374	100	

C.O.2. Understand the basic concept of Limit State Method of design to solve Civil Engineering problems

Seure	No. of students	Percentage (%)	# 1/CsW/ESsy	£0 2
Cart Say	1	1.72	*2 Hundly	1.72% 3.45%
2: Hoursty	ė.	3:45	= 3. Moderatoly	
3- Moderately	21	12:07	a 4 Mostly	3200%
4-Mostly	9	3216	+5 Definitely	MIN .
5- Definitely	88	50.57:		Many .
Total	::::74:	100		

Shirghar, New Humber 410 210.

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Theory of Reinforced Concrete Structure (LAB)

Subject Teacher - Prof. D.M. Joshi/ Prof. Shweta Motharkar/ Prof. Supriya Kadam/ Prof. Nilima Shende

CO.3. Identify existing solution method to analyse and design various types of beam sections under flexure, shear, bond and torsion using Limit State Method

Score	No. of students	Percentage (%)	■ 1 Can't Say	CO 3	
1-Can't Say	2	1.15	2. Hardly	1.15	94 4.50%
2- Hardly	8	4.60	s 5. Moderately	4	12.64%
3- Moderately	22	12.64	4. Mustry		12.64%
4- Mostly	59	33,91	= 5. Definitely	47.70%	
5- Definitely	83	47.70			34.91%
Total	174	108		-	

CO.4. Extract engineering requirements from IS-456:2000 for analysing and design Slubs

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4	
1- Can't Say	2	1,15	2. Hardly	1,15% 2.87%	
2- Hardly	5	2.87	3. Moderately		
3- Moderately	25	14.37	4. Mostly	A.J.A.J.PN	
4- Mostly	54	31.03	■ 5. Definitely	50,57%	
5- Definitely	88	50 57	,	11.0%	
Total	174	100			



Learn Live Achieve and Contraduce Charging Floor Phirodol. 480 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Theory of Reinforced Concrete Structure (LAB)

Subject Teacher - Prof. D.M. Joshi/ Prof. Shweta Motharkar/ Prof. Supriya Kadam/ Prof. Nilima Shende

CO.5. Combine the basic principles and engineering concepts to apply limit state of collapse in compression for designing of different types of columns

Score	No. of students	Percentage (%)	• 1. Can't Say	€0.5	
1- Can't Say	4:	2.30	= 2 Hardly	2.30%	1.45%
2- Hardly	6	3.45	3. Moderately		
3- Moderately	22	12.64	- 4. Mostly	ATT.	12.64%
4- Mostly	60	34.48	a 5. Definituly	143(33)16	
5- Definitely	82	47.13			34.48%
Total	174	100			

	THE PARTY OF THE P	
CO.6. Design different types of fouting by	identifying the existing processes and	and restrict the state of
The state of the s	menning me existing brucesses and	sommon method

Score	No. of students	Percentage (%)	+1. Can't Say	CO 6
1- Can't Say	4	2.30	2 Hardly	2 20% A 60%
2- Hardly	a	4.60	= 3. Moderately	
3- Moderately	21	12.07	4. Mostly	12.07%
4- Mostly	:52:	29.89	= 5. Definitely	SLASS
5- Definitely	89	51.15		28.89%
Total	174	100		

HOD Civil Dept. Principal.



Learn live Achieve and Contribute Khirghar New Mumbo 410 215

Department of Civil Engineering

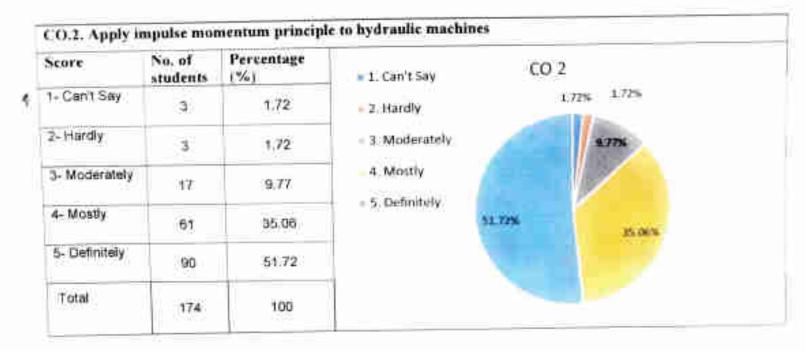
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Applied Hydraulics (LAB)

Subject Teacher - Prof. Hemant Sarje/ Prof. Ashwini Bodkhe/ Prof. Pooja Somani

Score	No. of students	Percentage (%)	≈ 1. Can't Say	CO 1	
1- Can't Say	4	0.57	- 2. Hardly	0.57%	1.72%
2- Hardly	3	1.72	= 3. Moderately	A	9.20N
3- Moderately	16	9.20	4. Mostly		
4- Mostly	53	30.46	= 5. Definitely	CHE 1959E	30.46%
5- Definitely	101	58.05			
Total	174	100			





Mean Live Achieve and Chairchule Kharshar Naw Murobo 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Applied Hydraulics (LAB)

Subject Teacher - Prof. Hemant Sarje/ Prof. Ashwini Bodkhe/ Prof. Pooja Somani

CO.3. Determine the rate of flow through open channel Percentage No. of Score CO 3 students (%) I Can't Say 1.15% 5.17% 1- Can't Say 1.15 9 Z. Hardly 2- Hardly 3. Moderately 5.17 9 9.77X 4 Mostly 3- Moderately 9.77 17 5. Definitely. 4- Mostly 51 29.31 54,60% 39.31% 5- Definitely 54.60 95 Total 100 174

CO.4. Generate and evaluate Gradually varied flow (GVF) and Rapid varied Flow (RVF) in open channel flow

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 4	
t- Can't Say	4	0.57	■ ♥ Hardly	0.57%	3.45%
2- Hardly	6	3.45	3. Moderately		14,94%
3- Moderately	26	14.94	4. Mostly		
4 Mostly	54	31,03	= 5 Definitely	SON	
5- Definitely	87	50		THE STATE OF THE S	31,08%
Total	174	196		THE REAL PROPERTY.	



Civil Dept.

SARASWATT College of Engineering

Leash Save Achieve and Contribute Kharghar fawi Murdon, 410 310

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-V)

Subject - Applied Hydraulics (LAB)

Subject Teacher - Prof. Hemant Sarje/ Prof. Ashwini Bodkhe/ Prof. Pooja Somani

CO.5. Compute the Chexy's Constant through filting flume Score Percentage EQ 5 students (%) 1 Carrit Say 1- Can't Say 0.57% 3 87% 1 0.57 - 2 Hardly 2- Hardly 1 Moderately 2.87 5 12.07% 4 Moully 3- Moderately 12.97 21 6 Clufortely. 4- Mostly 53 30.46 54 00296 TO AKIN 5- Definitely 54 02 94 Total 174 100

CO.6. Apply mathematical relationships for hydraulic jumps, surges, and critical, uniform, and gradually-varying flows

AND ADDE THOSE						
Score	No. of students	Percentage (%)	+1 Can't Say	CO 6		
1- Can't Say	Ċ.	0	- 2. Hardly	1994	2.07%	
2- Hardly	5	2 87	3 Moderately	1	10.92%	
3- Moderately	19	10,92	4. Mostly			
4- Mostly	55	31,61	- S. Definitely	51.60%	31.61%	
5- Dennitely	95	54 50	Ħ	V State		
T exact	174	100		1	di di	
	8	العدين	1	- 2	C=1	

Principal SCOE



Search Live Achieve and Contribute

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Architectural Planning & Design of Building (Theory)

Subject Teacher - Prof. Rachel Gitty/ Prof. Chaitali Isal

CO1: Apply the principles and code of practices for planning and designing of residential buildings, remember and intricate details of building design and drawing.

Soure	No. of students	Percentage (%)	# 1. Can't Say	CO 1		
1- Can't Say	0	o.	# 2, Hardly	0% (%		
2- Hardly	:p	0	= 3. Moderately	4	22,50%	
3- Moderately	2	22.2	4. Mostly		22.50%	
4 Mostly	2	22.2	= 5. Definitely	SSAINC		
5- Definitely	161	55.6			22.50%	
Total:	3(0))	100				

CO.2 Learn how to apply professional act responsibly pertaining to the norms of building components design and drawing.

Score	No. of students	Percentage (%)	« I. Can't Say	CO:2	N.	
t- Carl 1 Say	Ġ	0	= 2. Hardly		us.	
Strandly)	10	113	3. Moderately		11-10%	
> Moderately	1	11/1	4. Mostly	13.50%	ALADS.	
4. Mounty	69	44.4	> 5. Definitely		/	
5- Definitely	5	33.5	100		- course	
Total	9	100			44,40%	



Kinglise Place Physicists 419 210

Department of Civil Engineering

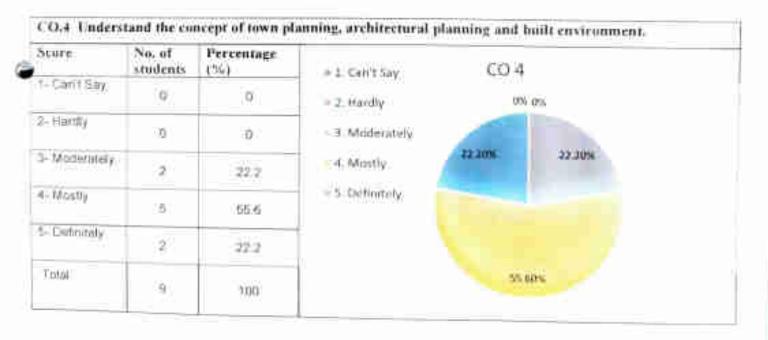
Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Architectural Planning & Design of Building (Theory)

Subject Teacher - Prof. Rachel Gitty/ Prof. Chaitali Isal

CO3 Apply the concept of one point and two-point perspective drawing to create different views of building No. of Percentage Sence 003 students (%) # 1 Can't Say t-Cant Say 0 o DNG - 2. Handly 2- Hardly 21:10% = 3. Moderately 1 11.1 3- Moderately 4: Mostly 11.10% 1 11.1 46.40% 5 Delimitaly 4- Mostly 3 33.3 5- Definitely 4 44.4 DE MAS Total 9 100



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SARASWATI College of Engineering

House Sive Actions and Contribute House New Merics, 410211

Department of Civil Engineering

Academic Vear : 2022-2023

Course Exit Report Analysis (SEM-III)

Subject - Architectural Planning & Design of Building (Theory)

Subject Teacher - Prof. Rachel Gitty/ Prof. Chaitali Isal

CO. 5 Understand the concept of Green buildings and various certification methods LEED, TERL GRIHA, IGBE

years	No. of students	Percentage (%)	#1.Sentiley	CO 5
Carl't Say	12"	1151	k Z. Hardly	
- Hardly	0	ū	3 Moderately	78
3- Moderately	3	33.3	E4 Mostly	na.
4- Mostly	:2	22.2	_ = 5. Definitely	**
5- Sefinitely	3	33.3		2230%
Total	9	100		

CO. 6. Apply the principles and code of practices for planning and designing of various public buildings and study the various components and building services as well as apply the knowledge for overall planning and design.

Scare	No. of students	Percentage (%)	A I Cart Say	CO 6
t- Sant Say	6	0	- 2 Hardly	2% (%)
2: Hardy	03	(B)	3. Moderately	22,20%
3- Moderately	2	22.2	A Monthly	
4- Mosty		11.1	E N.S. Definitely	11.10%
5- Definitely	- 6	66.7		
Total	8	100	1	

HOD Civil Dept.

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SARASWATT College of Engineering

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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Architectural Planning & Design of Building (LAB)

Subject Teacher - Prof. Chaitali Isal

CO.1 Design and drawing of residential building by applying the principles of buildings and code of practices

Score	No. of students	Percentage (%)	# 1 Can't Say	CO 1
- Can't Say	0	G	= 2. Hardly	DN ON
Hardly	0	(0)	3. Moderately	112.50%
3- Moderately	1	12.5	4. Mostly	
4- Mostly	2	25	5. Definitely	525.00%
5- Definitely	65	62.5		62.50%
Total	8	100		A CONTRACTOR

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 2	
1- Can'l Say	(0)	:0	- Z. Hardly		ės.
2- Hardly	- 0	0	3. Moderately	4	12.50%
3- Moderately	30	12.5	4. Mostly		3/
4- Mostly	3	37.5	= 5. Definitely	10.00%	
t- Definitely	4	50		VIII.	AT-Simu
Total	8	100		1	



Situages Plan Phardon 410 710

Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Architectural Planning & Design of Building (LAB)

Subject Teacher - Prof. Chaitali Isal

Score	No. of students	Percentage (%)	= 1. Carr't Say	CO 3		
t- Can't Say	0	0	v 2. Hardly	4954	trs.	
7- Hardly	ŋ	υ	- 3. Moderately		12.50%	
3- Moderately	9)	12.5	4. Mostly			
4- Mostly	3	37.5	= 5. Definitely	cont.		
5- Definitely	-4	50			37.50%	
Total	в	100				

CO.4 How the Town planning, architectural planning should be done and study-built environment using basic engineering principles for urban and rural development

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4	
1- Can't Say	0	ŭ	= 2. Hardly	ON ON	
2- Hardly	.0	10	- 3. Moderately		
3- Maderately	2	26	4. Mostly	3750%	
4- Mostly	3	37.5	= 5 Definitely		
5- Definitely	3	37.5		37,50%	
Total	8	100			

Auto-State Street, Secretary



SARASWATT College of Engineering

Court Days Addition and Contratories Thoughts Principles And All

Department of Civil Engineering

Academic Year: 2022-2025

Coarse Exit Report Analysis (SEM-III)

Subject - Architectural Planning & Design of Building (LAB)

Subject Teacher - Prof. Chaitali Isal

CO. 3 Understand reports for green buildings and various certification methods such as TERL GRIHA, terse. Sence No. of Percentage CO 5 students (26)= 1. Can't Say 5- Can't Say 07% one D = 2. Handly 2- mardly Moderately 17,54% ø ò 3- Moderately 4. Mostly: 1 12.5 = 5. Definitely 4- Mostly 3 37.5 37,50% 5- Definitely 50 ű Total 8 100

CO. 6. Design and drawing of public building using CAAD software applying principles of planning and design.

Score	No. of students	Percentage (%)	* 1. Can't Say	CO 6
t- Can't Say	0	0	± 2. Hardly	one one
2- Handiy	ū	0	= 3. Moderately	25N
3- Moderately	2	25	4. Mostly	37.50%
4- Mostly	3	37.5	H.S. Gefinitely	
5- Definitely	3	37.5		37,50%
Total	8	100		

HOD Civil Dept.

Principal SCOE



District Street Street Street Street

Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-III)

Subject - Mechanics of Solids (Theory)

Subject Teacher - Prof. D. M. Joshi/ Prof. Hemant Sarje

t (). I. Evaluate stress - strain behavior of clastic members and thin cylinders subjected to internal

-	re		••	
-		• •	м.	

Scott	No. of students	Percentage (%)	+1 SintSky	CO-1
1- Carit Sky	Į.	(2	+ 2) Hieldly	984
2-Hardy		37.7	- 3 Moderatels	
3-Moderately	3	23.1	4 Mostly	23.30%
4- Mostly	∂5	38.6	= i S Cartelitety	
5- Definitely	4	30.6		
Total	13	100		38.50%

6.63. 2. Draw variation of axial force, shear force and bending moment diagram for statically determinate beams and frames.

Scure	No. of students	Percentage (%)	+ 1.Can 1 Say	CO 2	
- Swit Say	ü	a	= 2. Hardly		ns.
2. Hurdly	240	7.7	- 5. Moderately	2330% .	1.70m
3- Moderatory	7:	53.8	- a Montly	21100	/
4- Mostly	2	15.4	5 Definitely	10404	(4)
5 Definitely	- 6	23 1			\$3,80%
Total	35	100			

Kharghar Flave Mumbar 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Mechanics of Solids (Theory)

Subject Teacher - Prof. D.M. Joshi/ Prof. Hemant Sarje

CO. 3. Calculate Moment of Inertia for cross sections and analyse the material response under the action of shear and the effect of flexure (bending)

Score	No. of students	Percentage (%)	■ 1. Can't Say	CO 3		
f+ Can't Say	0	0	= 2. Handly		N.	
2- Hardly	3	23.1	3 Moderately			
3- Moderately	5	38.5	4. Mostly	2510%	21.10%	
4- Mostly	2	15,4	5 Definitely	15.40%		
5- Definitely	9	23.1			3850W	
Total	13	100				

CO. 4. Predict the angle of twist and shear stress developed in torsion and compute direct and bending stresses developed in the cross section of centrally and eccentrically loaded

olumns.

Score	No. of students	Percentage (%C)	≠ 1. Can't Say	CO 4	
t- Can't Say	0	0	= 2, Hardly	9%	
2- Hardly	2	15.4	= 3. Moderately	7,70%	25.40%
3- Moderately	5	38.5	4. Mostly		
4- Mostly	8	38.5	S. Definitely	10.50%	
5- Definitely	*	7.7			88.50%
Total	13	100			



Possible Montes and Contribute Possible New Phonics 410 210

Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Mechanics of Solids (Theory)

Subject Teacher - Prof. D.M. Joshi/ Prof. Hemant Sarje

CO. 5. Locate principal planes in members and calculate principal stresses using analytical and graphical method and to calculate strain energy stored in members due to elastic deformation.

Score	No. of students	Percentage (%)	-1 Continu	CO 5	
1- Can't Say	0	e	= 3. Can't Say = 2. Hardly	os.	
2- Hardly	3	23.1	3. Moderately	33,60%	
5- Moderately	3	23.1	4 Mostly		23.10
4- Mostly	5	38.4	= 5. Definitely		
5- Definitely	2	15.4		306.40%	23.10%
Total	13	100			

CO. 6. Evaluate slope and deflection of beams supported and loaded in different ways

Score	No. of students	Percentage (%)	= 1. Cim't Say	CO	E()
Can't Say	.1	7.7	2. Hardly		*
- Hardly	Ť	7.7	3. Moderately	-	7,70%
> Moderately	- 15	38.5	-4. Mostly	MARON.	7.70%
- Mostly	2	15.4	= 5. Definitely		
- Definitely	34	30.8		th Area	1850%
Total	13	100		Lis -410ch	







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SARASWATI College of Engineering

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Department of Civil Engineering

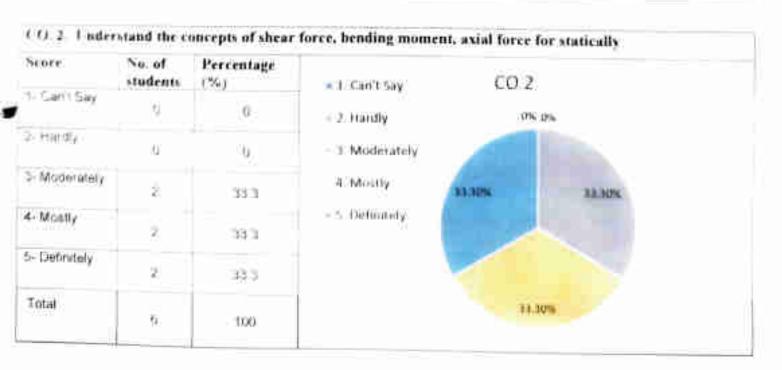
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Mechanics of Solids (LAB)

Subject Teacher - Prof. D. M. Joshi/ Prof. Hemant Sarje

CO. L. Determine the engineering properties for metals and non-metals and the strains induced: Percentage No. of SCORE CO - 1students (%) . I. Can't Say DICHOLOUS BAY O. 0 one one 2. Hattly HATTY I Moderately Ö D. 14 7 mi Moderately 4. Mostly 7 16.7 5 Definitely 4 Months tion. 2 33.3 5- Detroiters NA BOAL 3 50 Total: € 100





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Department of Civil Engineering

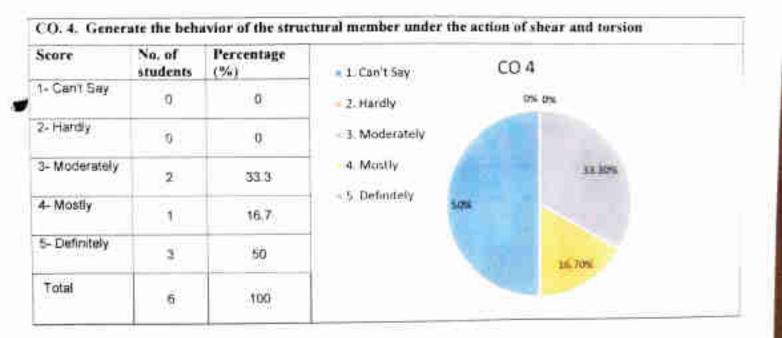
Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Mechanics of Solids (LAB)

Subject Teacher - Prof. D.M. Joshi/ Prof. Hemant Sarje

CO. 3. Identify the flexural members for its structural behavior under the effect of flexure (bending) No. of Score Percentage CO3 students (25)1. Can't Say 1- Can't Say Ø 0 924 926 2. Hardly 2- Hardly 3. Moderately Ü n 3- Moderately 4. Mostly 33.30% 33.70% 2 33.3 5 Definitely 4- Mostly 2 33.3 5- Definitely 2 33.3 11.10% Total 6 100







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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Mechanics of Solids (LAB)

Subject Teacher - Prof. D.M. Joshi/ Prof. Hemant Sarje

CO.5. Study the deformation behavior of axially loaded columns having different end conditions and further, evaluate the strength of such columns.

Score	No. of students	Percentage (%)	= 12 Car(C55)V	CO 5		
t- Can't Say	0	0	e 2. Hardly	ens e	7%	
2- Hardly	.0	0	- 3. Moderately	4	\$6.70%	
3- Moderately	19	16.7	4. Mostly			
4- Mostly	2	33.3	5. Definitely	Stars.	53.10%	
5- Definitely	3:	50		VE -	2110%	
Total	6:	100				

CO.6. Develop the concepts of principal plains and stresses and basics of slope deflection theory for structures.

Score	No. of students	Percentage (%)	■ 1. Cen't Say	CO 6	
1- Can't Say	0	0	2. Hardly	054	OTN:
2- Hardly	0	0	- 3. Moderately	A	
3- Moderately	2	33.3	4. Mostly = 5. Definitely	33.30%	33.30%
4- Mostly	2	33.3	= 5 Centitlety		
5- Definitely	2	33.3			cări e
Total	6	100		33.	ioni.

HOD Civil Dept.

Principal SCOE



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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Geology (Theory)

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Pramod Sutar

CO.1. Understand and explain the significance of geological studies and its significance in various civil engineering projects. No. of Percentage Score COI students (%) ■ 1 Can't Say 1- Can't Say 07% 0 0 2. Hardly 7.10% 2- Hardly - 3 Moderately 1 7.1 34,80% 4 Mostly 3- Moderately 2 143 42.90% 5. Definitely 4- Mostly 35.7 5 5- Definitely 35,70% 42.9 6 Total 100 14

core	No. of students	Percentage (%)	■ 1. Can't Say	CO 2
- Can't Say	0	0	2 Hardly	0%
- Hardly	2	14.3	3. Moderately	14.37%
3- Moderately	2	14.3	4, Mostly 5, Definitely	1430%
- Mostly	3	21.4	s s. Delinicary	
- Definitely	7	50	N N	21,40%
Total	14	100		



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Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Geology (Theory)

Subject Teacher - Prof. Sujaya Wadelear/ Prof. Pramod Sutar

CO.3. Analyse and distinguish various prological structures and report geological data using transaction in employeeing practice, and determine the thickness of strata

Stute	No. of andones	Precentage chir	ed Cantiley	CO.3
Triplet Say	Ħ	0:	w y Hardly	.9%
2-Hárdy	3	14.1	=:1:386661010F/	CHANN
3-Moderately	2	14.7	a & Minuty a & Definitely	1875 313W
+ Morty	4	26.6	as bringy	
5-Deficitely	16	-42.9		100
Tone	14	100		

t. C.A. Explain different methods of grotogical investigation and mention opinion after calculations and check the autoability of a site to comment exclusive and comment on their engineering consideration

Same	No. of	Percentage (%)	w.l. Combley	CO 4
Cart Say	0:	100	+ 2. Hairdly	(0%)
Z. Hardy	1	7.1	I I Stationary	1366
3- Mossessury	,	7.1	M=m	Arms 1
A-Monty	0	42.6	e S. Definitely	
5- Dehandy	1	42.0		****
Total	141	100		



Kharghar Plant Muchber 410 210

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Geology (Theory)

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Pramod Sutar

CO.5. Describe various geological considerations to select the site to construct a tunuel and define various sources of groundwater.

Score	No. of students	Percentage (%)	1. Can't Say	CO 5		
1- Can't Say	2	14,3	= 2. Hardly			
2- Hardly	Ö	0	= 3. Moderately	1	\$4 MON OPEN	
3- Moderately	1	7.1	Mostly S. Definitely		7,30%	
4- Mostly	4	28.6	3, 55,11116	Sitte		
5- Definitely	:7	50		THE STATE OF THE S	28.68%	
Total	14	100		1		

CO.6. Find what are the causes of occurrence of natural hazards, distinguish between their types and recommend the control measures.

Score	No. of students	Percentage (%)	• 1. Can't Say	CO 6
1. Carrt Say	Q.	0	= 2. Hardly	0%
2- Hardly	*	9731	- 1 Moderately	7.10% 3.10M
3- Moderately	1	7.1	d. Mostly = 5. Definitely	
4 Mostly	5	35.Y		35.70%
5- Definitely	7	50		
Total	14	100		174

HOD Civil Dept.

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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Geology (LAB)

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Pramod Sutar

C.C. I is acquire basic knowledge of Geological Lab practices and apply it for the safe development of Civil Engineering works.

Sence	No. of students	Percentage (%)	#1.Can'y Say CO 1
-Carr Say	n.	0	WE Handly On the Park
S-Processy	0.	- 0	19.3-1Mindreshiller
3-Moomey	D	0.	14. Mostly
4-Monte	2	25	- S. Detferrely
5- Deficitely	- 8	-78	
7106	:0:	:100	



in the control of the	Na. of	Percentage (%)	« L'Circ't Say	CO 2	
- Gert Sag	100	.0	e 2 Hundy	991196	166
Hardy	0	8	= 2. Moderately		
Moneyery	0	0	= 4 Minity		26
*: Motoly	2	26:	a E. Definition		
5 Definitely	*	75		.01	
Total	. 6	100			



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Department of Civil Engineering

Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Geology (LAB)

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Pramod Sutar

CO.3. To understand the fundamental properties of rocks for their evaluation as construction and foundation material.

Score	No. of students	Percentage (%)	#1 Can't Say	CO 3	
- Can't Say	Ģ	.0	= 2 Hardly	034, 036	
2- ∺ardly	0	٥	3. Moderat⊭ly		190
3-Maderæely	2	25	4. Mostly		
4- Mostly	18	12.5	- S Selinitely	6250%	12.50%
5- Definitely	5	62.5		VIII CONTRACTOR OF THE PARTY OF	
Total	8	100		AND DESCRIPTION OF THE PERSON	

CO.4. To study the Geological maps and their sections in terms of selecting the sites for various civil engineering structures.

Score	No. of students	Percentage (%)	# 1. Com't Say	CO 4	
s- Carlt Say	D.	g.	= 2 Hardy	126 trs 0%	
Z- Hardly	0	c	- 9, Moderately	17,50%	
3- Moderalaly	100	9	4. Mostly - 5. Deficitely		
4- Mostly	1	12.5	# 5, Denotely		
5- Delinitely	7)	87.5	1	au sices	
Total	8	100			

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SARASWATT College of Engineering

Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Geology (LAB)

Subject Teacher - Prof. Sujaya Wadekar/ Prof. Pramed Sutar

CO.S. To shorly Berelinic problems for determination of subsurface geology of the area.

Sener.	Na. of atodenis	Percentage (%)	a I, Can't Say	COS
L-Com't Say	0	a a	1-2 Haldly	24
3-Hardy	2	17.5	TWX: Midderately	1158
3- Moderatory	0	0	R-G Mostly:	
- Month	3	37.5	+ 5. Orfinitely	
& Controlledy	- 6	50	N.	12506
Total	8	100		

CO.3. To Study the deliling data and calculate RQD for assessment of ruck masses for Civil Engineering purposes.

Smrt .	No. of students	Percentage (%)
- Cant Say	1	12.6
2-Hurdly	5	. 5
5-Moontey	2	26
4- Mostly	0	8
5-Definitely	3	92.6
Time	3	100:

HOD Civil Dept.

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SARASWATI College of Engineering

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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Fluid Mechanics (Theory)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Tarannum Shaikh

Sente	No. of students	Percentage (%)	#15 Carresay	CO 1
- Can't Say	.0	ā	+ 2: Hamily	75.05
2- Handly	0	10	= 3. Modernatery.	10%
3- Moderatoly	1:	10:	4. Month	
4- Monthy	1	30.	+5. Definitory	ioni -
5- Deliverely	5	66		The same of
Total.	10	100		

CO.2. Determine the pressure difference in pipe flows, application of Continuity equation and Bermoniti's theorem to determine velocity and discharge

Soure	No. of students	Percentage (%)	IN SL CAN'T SAY	CO 2	
T-CHITCHY	.0	(a)	≈ Z. Hardly.	(%	(M) (216
2-Hardy	0	0	= s. Moderately.		
3- Moderately	io .	0	a Monly		
4: Mostly	:5	50	= 15 Outhersity	100	50%
5- Definitely	В;	60			
Total	1981	:100:			

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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Fluid Mechanics (Theory)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Tarannum Shaikh

Sourie	No. of students	Percentage (%)
1-CHNYSHY	n.	9
Hardly	1:	:10)
5 Magazariy	ů.	(0)
a. Months	2	28
B-Detainity.	3	70.
Total	10	too

Solite:	No. of students	Percentage (%)
- Can't Say	9	ä
2-Yeardy	(9),	ū
> Moderately	18	915
e-Mostly).	(4)	AD
5- Definitivity	. 5	50
Titue	(10)	100

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Department of Civil Engineering

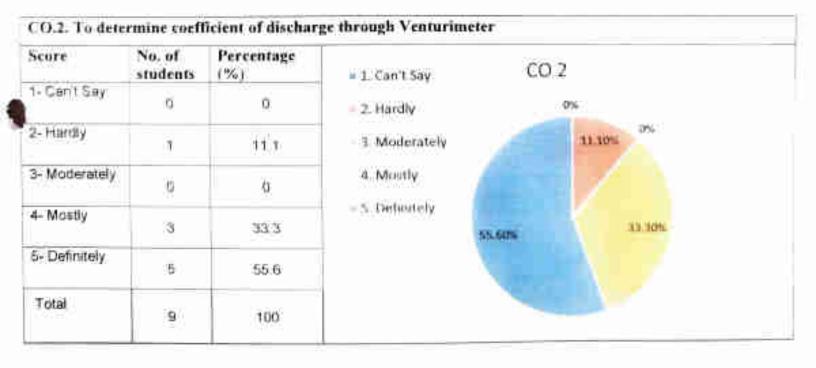
Academic Vear: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Fluid Mechanics (LAB)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Tarannum Shaikh

Score	No, of students	Percentage (%)	= 1. Can't Say	C	01		
1- Can't Say	0	0	2. Hardly	0%	D%	0%	
2- Hardly	0	0	= 3. Moderately	A			
3- Moderately	0	O.	- 4. Mostly	44,40%	16		
4- Mostly	5	55,6	5. Definitely	64,40%		55 60%	
5- Definitely	4	44.4			/		
Total	9	100					





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Fluid Mechanics (LAB)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Tarannum Shaikh

CO.3. To compare theoretical and actual discharge of pipe flowing through orificemeter and calculate coefficient of discharge of Orifice meter. Score No. of Percentage

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 3	
1-Can't Say	D	n	= 2_Hardly	0% 0	×
Hardly	ū	e	= 1. Moderately		13.10%
3- Moderately	*	্বার	4. Mottly	44.40%	
4- Mostly	4	44.4	5 Definitely.		
5- Definitely	12	44.4			44,40%
Total	9	100			

CO.4. To verify Bernoulli's Theorem experimentally Score No. of Percentage CO 4 students (%) 1. Ean't Say t- Can't Say. ð Û 0% 0% Z Handy 2+ Hardly 3: Moderately 0 0: 11,10% 3- Maderately 4. Mostly 11.1 32 20% - 's Definitely 4- Mostly 2 22.2 5- Definitely 66.70% 5 65.7 Total 5 100





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-HI)

Subject - Fluid Mechanics (LAB)

Subject Teacher - Prof. Ashwini Bodkhe/ Prof. Tarannum Shaikh

Scorr	No. of students	Percentage (%)	* 1, Can't Say	CO 5
1- Can'l Say	0	0	2. Hardly	2014
2- Hardly	- 1	11.1	= 3. Moderately	31,10%
3- Moderately	-4)	11.1	4. Mostly	11.10%
4- Mostly	2	22.2	5. Definitely	£40%
5- Definitely	5	55.6		22.20%
†otal	9	100		

Score	No. of students	Percentage (%)	= 1. Can't Say	CC	6
1- Cent Say	0	G	2. Hardly		ONE (876)
2- Hardly	D	.0	3 Moderately	A	31 10%
3- Moderately	1	11.1	4. Mostly	ACRES	
- Mostly	4	44.4	6 5. Definitely		
5- Definitely	4	44.4		1	A1-8(Y)-
Total	9	100			

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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Skill Based Lab Course - I

Subject Teacher - Prof. Shahbaz Khan/ Prof. Deepali Phadatare

CO.1. Will you able to make use of software to Transfer the plan from a drawing sheet to a 2-D drafting software

Score	No. of students	Percentage (%)	e 1 Can't Saγ	CO 1	
t- Can't Say	0.	(0)	= 2, Hardly	305 co.6	
2- Hardly	0	a	- 3. Moderately	ALC: N	2004
3- Modermely	t	20	4. Mostly		
4- Mostly	13	20	# 5, Definitely		20%
5- Definitely	3	60		OUN .	
Total	- 61	100			

CO.2, will you able to illustrate the various elements in the software like points, lines, polygons, etc. as objects of the real world and relate it with civil engineering components?

Score	No. of students	Percentage (%)	e 1. Can't Say		0.2		
i- Cant Say	ů.	-0	= 2. Hardly	27%	0%	ON	
2-Hardly	٥	0	1. Moderately	1			
3- Moderately	ū.	Ð	4 Mostly			40%	
4- Mostly	2	40	- S. Clefinitely	10%	A		
5- Definitely	3	60					
Total	:5	100					



Chargest Plan Plante 418 319

Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Skill Based Lab Course - I

Subject Teacher - Prof. Shahbaz Khan/ Prof. Deepali Phadatarr

CO.3. Apply civil engineering concepts to draft efficient civil engineering plans in accordance to various building bye laws and forms?

Score	No. of students	Percentage (%)	• 1 Can'l Say	CO 3		
- Carrt Say	0	0	= 2 Hardly	0% (7%	
2- maraly	ū	٥	= 3. Moderately	20%	20%	
3-Moderately	jŧ.	20	4 Mostly 5 Delinitely			
4- Mostly	3	60	# 5. Detention			
5-Definitely		20				
Total	5	100		40	1	

CO.4. Do you understand the space, logistic and statutory constraints in the real world to draw an efficient plan so that optimization is achieved?

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 4	
1- Carl Say	0	0	v 2. Hardiy	02% cm6	
2- Hardy	G	0	1 Moderately	-	
5-Moderately	2	40	4. Mostly = 5. Definitely		Acre
4. Vosty	9	40	= 5 Definitely		
5-Deficitely	1	20		40%	100
Total	5	100			





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Department of Civil Engineering

Academic Year: 2022-2023

Course Exit Report Analysis (SEM-III)

Subject - Skill Based Lab Course - I

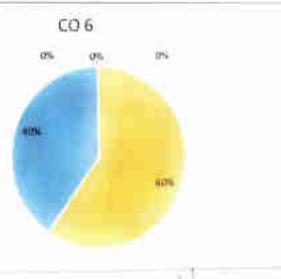
Subject Teacher - Prof. Shahbaz Khan/ Prof. Deepali Phadatare

CO.5. Integrate and retrieve information pertaining to various civil engineering components through 3-1) modelling software?

Score	No. of students	Percentage (%)	= 1 Can't Say	COS
1- Carif Say.	0	0	2. Hardly	7% On.
2- Hardly	ō	0	- 5 Moderately	les .
S- Moderately	24%	20	4. Mostly	
4- Mostly	2	40	< 5. Definitely	
5- Definitely	2	40		100
Total	180	100		100

CO.6. Demonstrate a virtual walkthrough of buildings?

Score	No. of students	Percentage (%)	= 1. Can't Say
1- Carrt Say	0	0	= 2. Hardly
2- Hardly	· o	0	-3 Moderately
3- Moderately	0	0.	4 Monthly
4- Mostly	3	60	- 5 Definitely
5- Definitely	.2	40	
Total	- 5	190	





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Department of Civil Engineering

Academic Vear : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Mini Project-I

Subject Teacher - Prof. Sujaya Wadekar

CO.1. To identify problems and needs based on societal/research needs. No. of Percentage. Score: 001 = 1 Carit Sty students (%) 1- Carl t Say 66% gnt. 9% D) 0. = 2, Harrily 3- Handy 3. Moderately: Ö: ti. 4. Mostly 3- Moorrately 52 30mc O. 00 - = 5. Definitely 4- Mostly 3 33.3 a June 5- Definitely 6 66.7 Tena 100 Ġ:

CO.2. To get accustom to the process of solving a problem in a group.

Score	No. of students	Percentage (%)	= 1. Can/1 Say	CC	2	
1- Can't Say	G	α:	= 2. Hardly	0%	19%	2%
2- Hardly	0	q	- 1 Moderately			22130N
3- Moderately	0	a	4. Mostly			22.20%
4- Mostly	:2:	22:2	= 5. Definitely			
5- Definitely	7	77.8		77.80%		
Total	9	100				



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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exil Report Analysis (SFM-III)

Subject - Mini Project-I

Subject Teacher - Prof. Sujaya Wadekar

CO.3. To acquaint with the process of applying basic engineering fundamentals to attempt solutions to the problems.

yres	No. of students	Percentage (94)	A L CAPTSEY	CO 3
Carri Say	11	9	No lines	29.26
2- Hamby	6	0	+ 3. Moderately	
5- Moderately	2	22.0	and Months	SERVE MADE
- Mouth	Z.	46.4	= 5 Definiting	
5- Definitely	3	(30:0:		11.80
Tesm	- 0	300		

CDA. To implant interpresumal skills to work and lead in a group.

Score	No. of modern	Percentage (%)	#1 Cartisty	100.4	
1-Cart Say	9/	0	and thinkly	30	105
2-minuty	(6)	(6)	On the Moderatory		nchis
1 Moderately	197	100	nd Mostly		
4- Mostly	(90)	16164	9.5 Destinatory	THE REAL PROPERTY.	
5- Definitely	, di	44:			44.000
Total		100			



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Department of Civil Engineering

Academic Year | 2022-2023

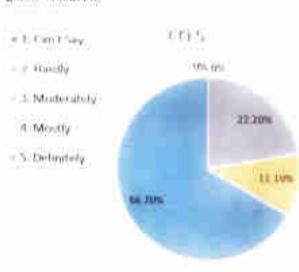
Course Exit Report Analysis (SFAL III)

Subject - Mini Project-1

Subject Teacher - Prof. Sujaya Wadekar

CO.5. To incolcate the process of self-learning and research.

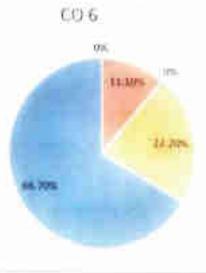
Sence	No. of students	Percentage (%)
- Cont Say		96
7- Hardly	п	-0
3-Moderately	2	22.2
- Mostly	1	183
t- Definitely	6	191.7
*(ib)	9	100



CO.6. In acquaint with the process of Project management

Score	No. of students	Percentage (%)
1- Serit Sey	E07	ď
2-Hardly	19	11.1
3: Moderately	9	10
f-Mostly	2	22.2
S-IDefinitely	- 5	19.7
Testal	- 4	190.

Earth Say
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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Mathematics-III

Subject Teacher - Prof. Madhukar Andhale

CO.1. Apply the concept of Laplace transforms & use to solve real integrals in engineering problems.

Score	No. of students	Percentage (%)	= 1, Can't Say	CO 1
1- Cah't Say	G	ū	2 Hardly	(176
2- Hardly	1:	6.67	- 3. Moderately	0.67%
3- Moderately	3	20	4. Mostly	Alfa. 20%
4- Mostly	5	33.33	5. Definitely	
& Definitely	*	40		11375
Tátel	15	100		

CO.2. Identify the concept of Inverse Laplace transform & compare to various function & its applications.

Score	No. of students	Percentage (%)	a 1. Can't Say	CO 2		
12 Cell 1 Say	6.	0	2. Hardly	256 (74.	
2-Herdy	0	0	3, Moderately	4		
3- Moderafely	4	26.57	4 Marth	46.67%.	26.67%	
4- Mostly	(4)	26.67	5 Cletinitely			
5- Definitely	7.	46.57			36.67%	
Total	15	100				





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Department of Civil Engineering

Academic Year: 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Mathematics-III

Subject Teacher - Prof. Madhukar Andhale

CO.3. Determine & develop Fourier series for real life problems & application.

Seure	No. of students	Percentage (%)	= 1. Cart US6V	C	0.3
Can I Say	u:	¢	- 2. Hardly		6.67% ¥ 6.75
z+ Haraly	9	5.67	= 3 Medicials v	A	
3- Moderatoly	, Al	6,67	4_Mostly 5_Definitely	46.67%	
± Mostly	0	4.0	3. OBJ/1857Y	· services	W096
5. Definitely	7	46.67	_	1	#0756
Total	15	100			

CO.4. Apply the properties of Complex analysis & select the application to orthogonal trajectories

Score	No. of students	Percentage	= 1; Can I 58V	co	4
- Cant Say	0	ø	= 2, Hardly		Oni
- Handly	r	6.67	3. Moderately		1,6754
5+ Moderal∈ y	b	33.33	a Mently	46,674	20,33%
- Mristly	2	13.32	= 5; Delimbery		
- Definitaly	e.	40,57		4	
leto 7	18	160			23.00%



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Department of Civil Engineering

Academic Year : 2022-2023

Coarse Exit Report Analysis (SEM-III)

Subject - Engineering Mathematics-III

Subject Teacher - Prof. Madhukar Andhale

CO.5. Use the concept of matrices to solve problems in machine learning, computer graphics & in google page ranking.

Score	No. of students	Percentage (%)	= 1. Can't Say	CO 5		
1- Carlt Say	10	۵	= 2. Hardly	01/6	474	
2. Hardiy	0	0	- J. Moderately		20%	
3- Moderately	3	20	JE Migstly			
4- Mostly	4	26.67	- 5. Definitely	53.03%		
5- Definitely	á	53.33		1	28.67%	
Total	15	100				

CO.o. Ability to solve partial differential equations & analytical method for one dimensional heat & wave equations.

Score	No. of students	Percentage (%)	v 1. Can't Say	0.6			
t- Carrt Say	b	ō	= 2, Hardly		U%		
2-ниву	7	6.67	3. Moderately		9,679	6.67%	
3- Moderately	- 1	6.67	4. Mustly				
4-Mostly	. 6	33.33	- 5. Definitely	\$3.33%		33399	
5- Definitely	8	53.30					
Total	15	100					
		2.301-2.				1414	



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