



**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

**Course Exit Analysis Report (SEM III)**

**Subject – Fluid Mechanics-II**

**Subject Teacher - Prof. Pooja Somani / Ashwini Bodkhe**

<b>CO1: Describe various properties of fluids and types of flow</b>		
Score	No. of students	Percentage (%)
1- Can't Say	2	2
2- Hardly	5	6
3- Moderately	13	16
4- Mostly	35	43
5- Definitely	26	32
Total	81	100

**CO1**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

<b>CO2: Determine the pressure difference in pipe flows, application of Continuity equation and Bernoulli's theorem to determine velocity and discharge</b>		
Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	2	2
3- Moderately	17	21
4- Mostly	34	42
5- Definitely	27	33
Total	81	100

**CO2**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely



**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

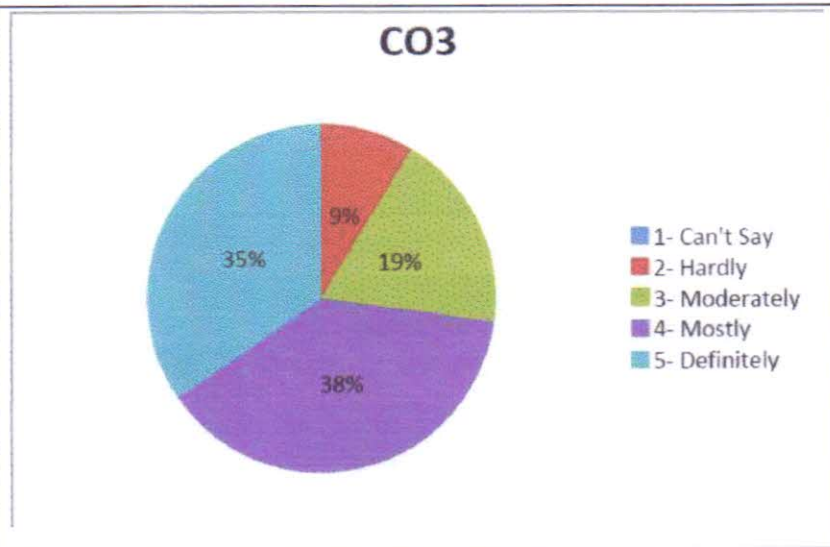
**Course Exit Analysis Report (SEM III)**

**Subject – Fluid Mechanics-II**

**Subject Teacher - Prof. Pooja Somani / Ashwini Bodkhe**

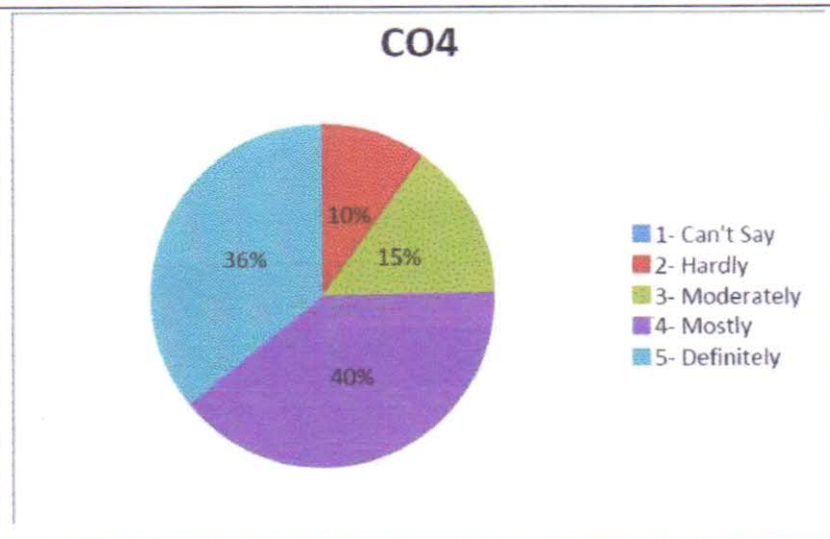
**CO3: Apply hydro static and dynamic solutions for fluid flow applications**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	7	9
3- Moderately	15	19
4- Mostly	31	38
5- Definitely	28	35
Total	81	100



**CO4: Analyse the stability of floating bodies**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	8	10
3- Moderately	12	15
4- Mostly	32	40
5- Definitely	29	36
Total	81	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

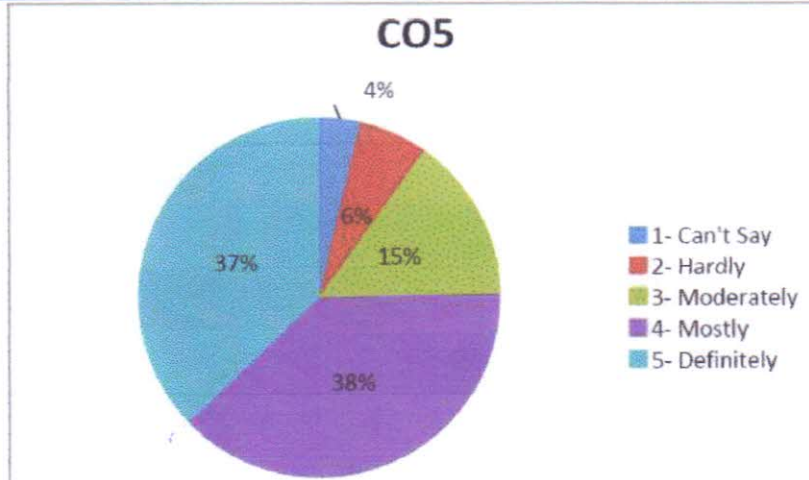
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**Subject – Fluid Mechanics-II**

**Subject Teacher - Prof. Pooja Somani / Ashwini Bodkhe**

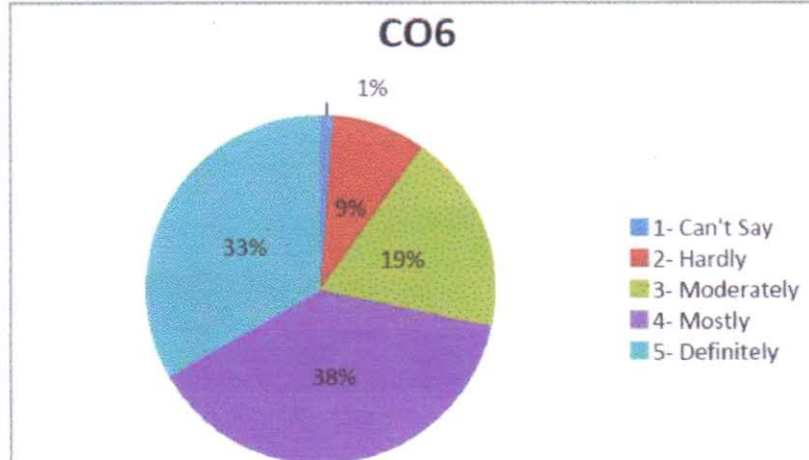
**CO5: Apply the working concepts of various devices to measure the flow through pipes and channels**

Score	No. of students	Percentage (%)
1- Can't Say	3	4
2- Hardly	5	6
3- Moderately	12	15
4- Mostly	31	38
5- Definitely	30	37
Total	81	100



**CO6: Explain the compressible flow, propagation of pressure waves and stagnation properties**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	7	9
3- Moderately	15	19
4- Mostly	31	38
5- Definitely	27	33
Total	81	100



*Rohini*  
HOD (Civil)

HEAD OF DEPARTMENT  
CIVIL ENGINEERING  
SARASWATI COLLEGE OF  
ENGINEERING

*Ashwini*  
Principal (SCOE)  
PRINCIPAL

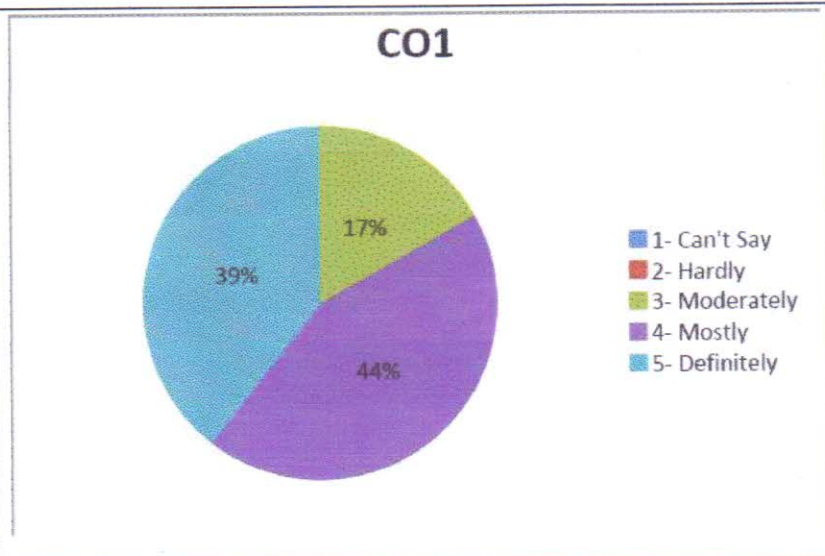
Saraswati College of Engineering  
Kharghar, Navi Mumbai-410210



**Department of Civil Engineering**  
**Academic Year: 2020-21 (Odd)**  
**Course Exit Analysis Report (SEM III)**  
**Subject – Engineering Mathematics-III**  
**Subject Teacher - Prof. Mandhukar Andhale**

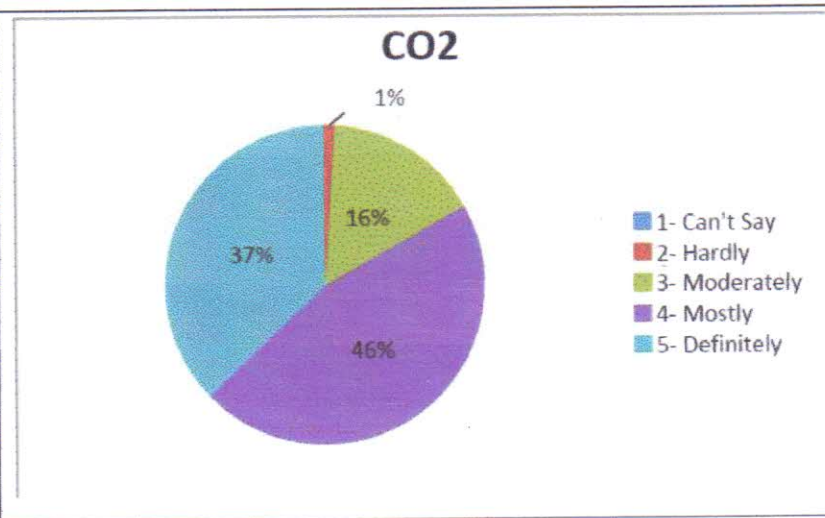
**CO1: Apply the concept of Laplace transforms & use to solve real integrals in engineering problems.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	15	17
4- Mostly	39	44
5- Definitely	35	39
Total	89	100



**CO2: Identify the concept of Inverse Laplace transform & compare to various function & its applications.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	14	16
4- Mostly	41	46
5- Definitely	33	37
Total	89	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

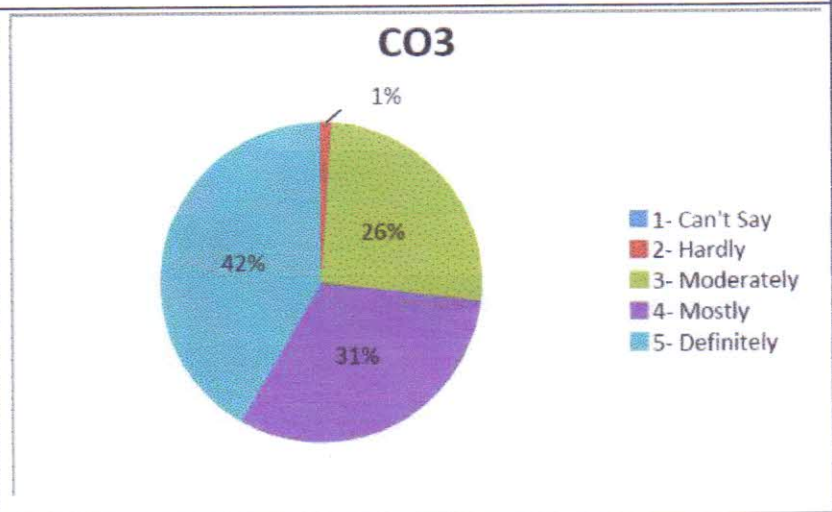
**Course Exit Analysis Report (SEM III)**

**Subject – Engineering Mathematics-III**

**Subject Teacher - Prof. Mandhukar Andhale**

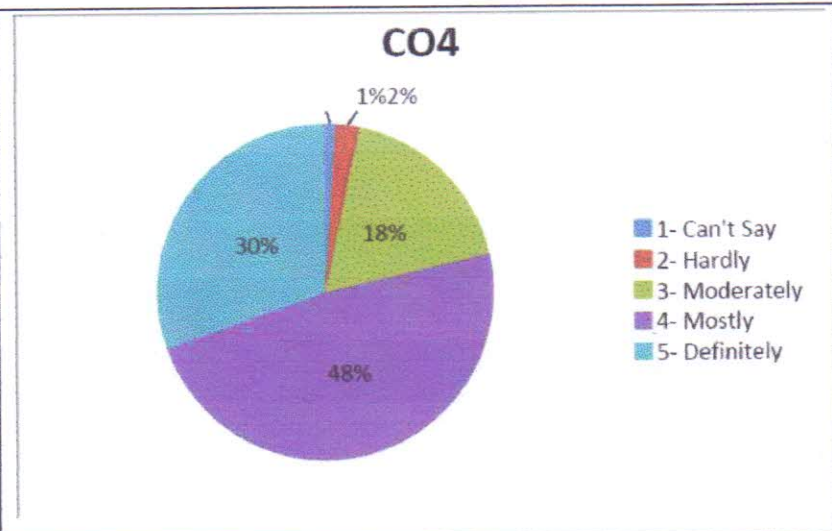
**CO3: Determine & develop Fourier series for real life problems & application.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	23	26
4- Mostly	28	31
5- Definitely	37	42
Total	89	100



**CO4: Apply the properties of Complex analysis & select the application to orthogonal trajectories.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	2	2
3- Moderately	16	18
4- Mostly	43	48
5- Definitely	27	30
Total	89	100





Department of Civil Engineering

Academic Year: 2020-21 (Odd)

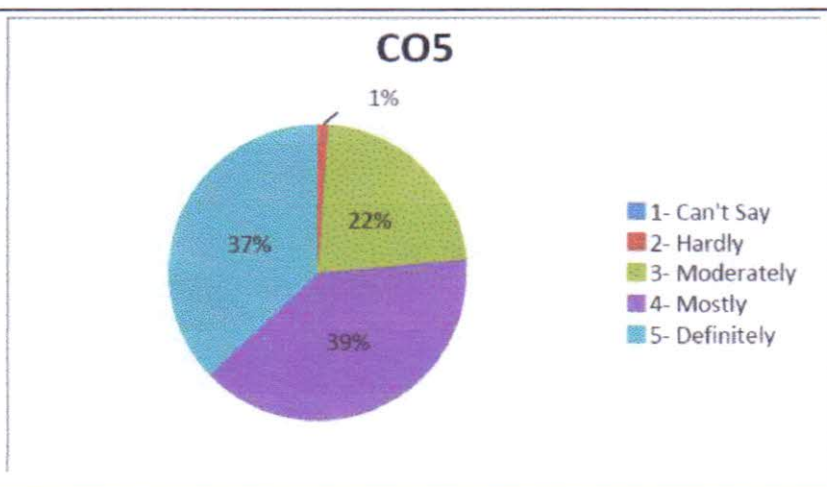
Course Exit Analysis Report (SEM III)

Subject – Engineering Mathematics-III

Subject Teacher - Prof. Mandhukar Andhale

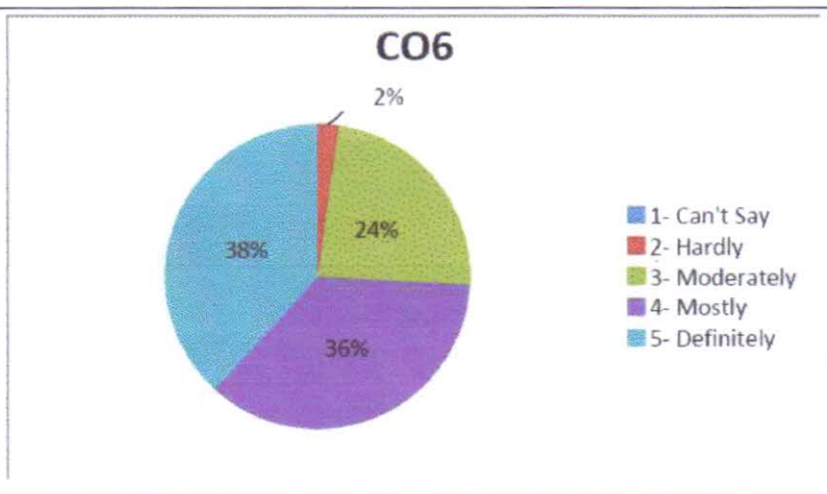
**CO5: Use the concept of matrices to solve problems in machine learning, computer graphics & in google page ranking.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	20	22
4- Mostly	35	39
5- Definitely	33	37
Total	89	100



**CO6: Ability to solve partial differential equations & analytical methods for one dimensional heat & wave equations.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	2	2
3- Moderately	21	24
4- Mostly	32	36
5- Definitely	34	38
Total	89	100



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HEAD OF DEPARTMENT  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students**  
**Academic year 20-21 ODD**

**Summary of feedback (Semester 3):**

Feedbacks collected through course exit forms were analysed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the student are discussed below.

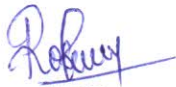
- More practice for Engineering Mathematics III
- Need awareness about the latest technologies and practices in industry.
- Exposure to Civil engineering software related core subjects in curriculum.
- Need animated videos for better understanding.

**Action Taken:**

Based on suggestions, various events are organized. Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below.

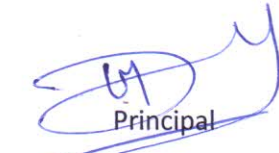
Sl No.	Feedback / Suggestions	Actions Taken	Date
1	Teaching Aid	Power point presentations were conducted for better understanding	As required

2	Teaching aids	Animated videos and ppts were shared for better understanding the concepts	As required
3.	More practice problems for EM III	Extra classes were taken for EM III	As required
4	More practice problems for Mechanics of solids	Extra classes were taken for MOS	As required

  
HOD

Civil Engg. Dept.

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SCOE

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**Saraswati College of Engineering  
Kharghar, Navi Mumbai-410210**





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

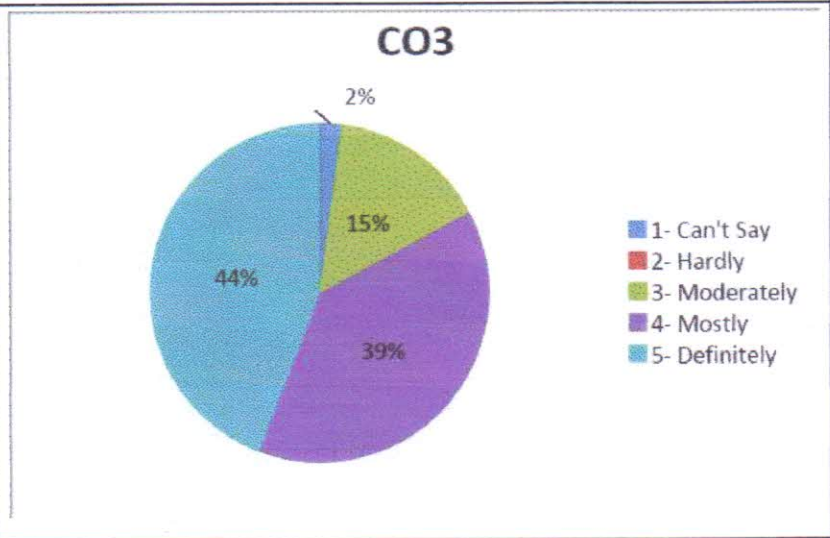
**Course Exit Analysis Report (SEM IV)**

**Subject – Building material and concrete technology**

**Subject Teacher - Prof. Sujaya Wadekar / Neha Chhangani**

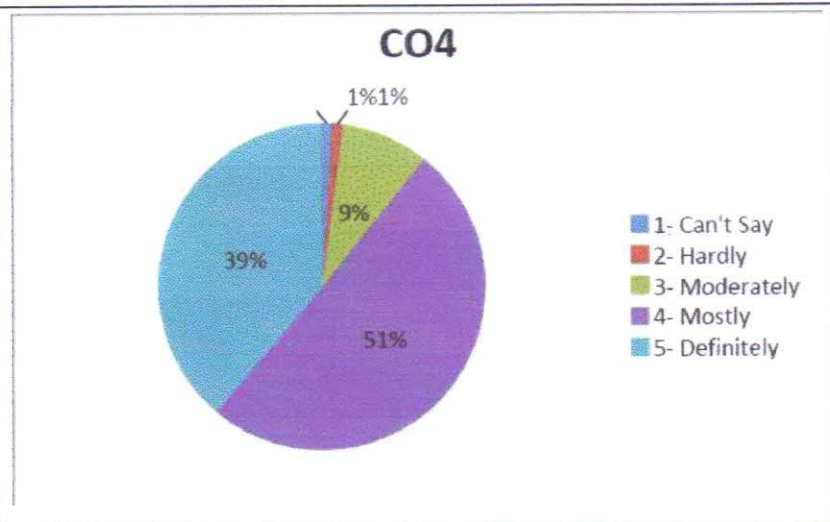
**CO3: Assess the constituents of Concrete, explain their properties, classification and compatibility with concrete as per relevant IS codes**

Score	No. of students	Percentage (%)
1- Can't Say	2	2
2- Hardly	0	0
3- Moderately	14	15
4- Mostly	36	39
5- Definitely	41	44
Total	93	100



**CO4: State and explain the properties ,tests ,factors affecting durability and make use of it for the manufacturing of concrete**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	1	1
3- Moderately	8	9
4- Mostly	47	51
5- Definitely	36	39
Total	93	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

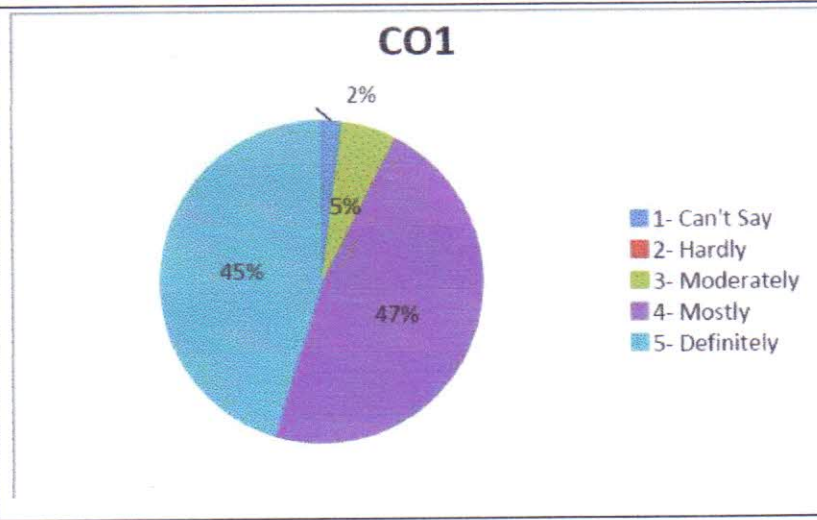
**Course Exit Analysis Report (SEM IV)**

**Subject – Building material and concrete technology**

**Subject Teacher - Prof. Sujaya Wadekar / Neha Chhangani**

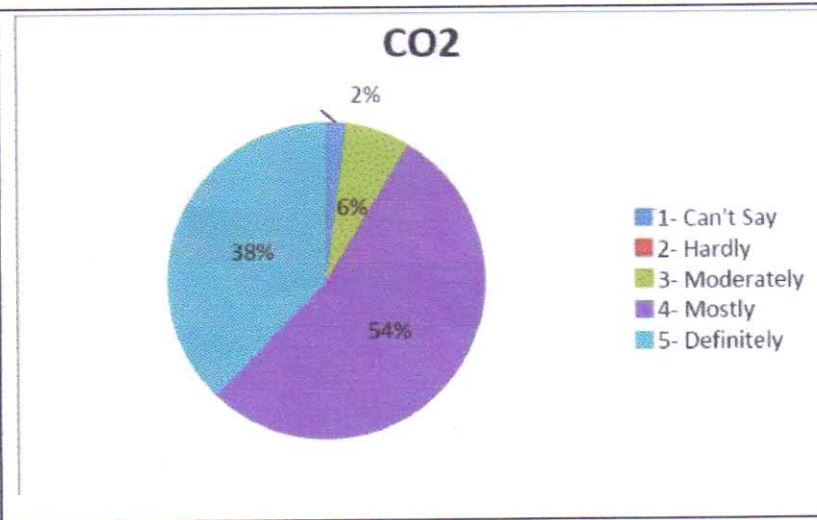
**CO1: List and classify the building materials to be used for the construction work and their associated quality, durability, economy, and their role in the construction.**

Score	No. of students	Percentage (%)
1- Can't Say	2	2
2- Hardly	0	0
3- Moderately	5	5
4- Mostly	44	47
5- Definitely	42	45
Total	93	100



**CO2: Explain the manufacturing process, properties and usage of different types of building materials to achieve good knowledge about the building materials.**

Score	No. of students	Percentage (%)
1- Can't Say	2	2
2- Hardly	0	0
3- Moderately	6	6
4- Mostly	50	54
5- Definitely	35	38
Total	93	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

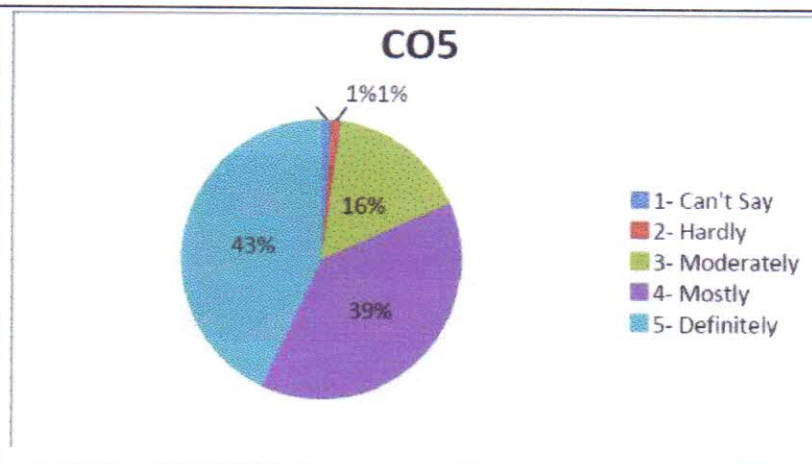
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**Subject – Building material and concrete technology**

**Subject Teacher - Prof. Sujaya Wadekar / Neha Chhangani**

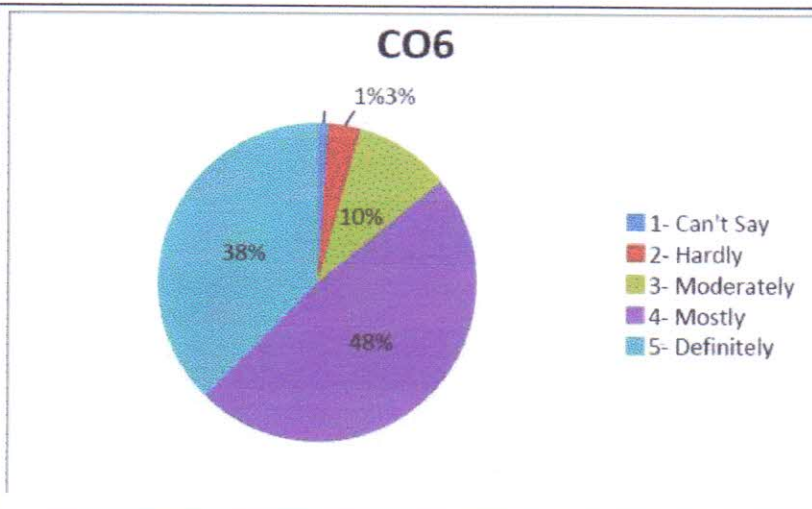
**CO5: Design and interpret concrete mix for various grades for various exposure conditions.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	1	1
3- Moderately	15	16
4- Mostly	36	39
5- Definitely	40	43
Total	93	100



**CO6: To enable the students to understand and enlist various components of the Ready Mix Concrete Plant and explain the basic non-destructive test on concrete.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	3	3
3- Moderately	9	10
4- Mostly	45	48
5- Definitely	35	38
Total	93	100



*Robeen*  
HOD (Civil)

HEAD OF DEPARTMENT  
CIVIL ENGINEERING  
SARASWATI COLLEGE OF  
ENGINEERING

*[Signature]*  
(Principal (SCOE))  
PRINCIPAL

Saraswati College of Engineering  
Kharghar, Navi Mumbai-410210



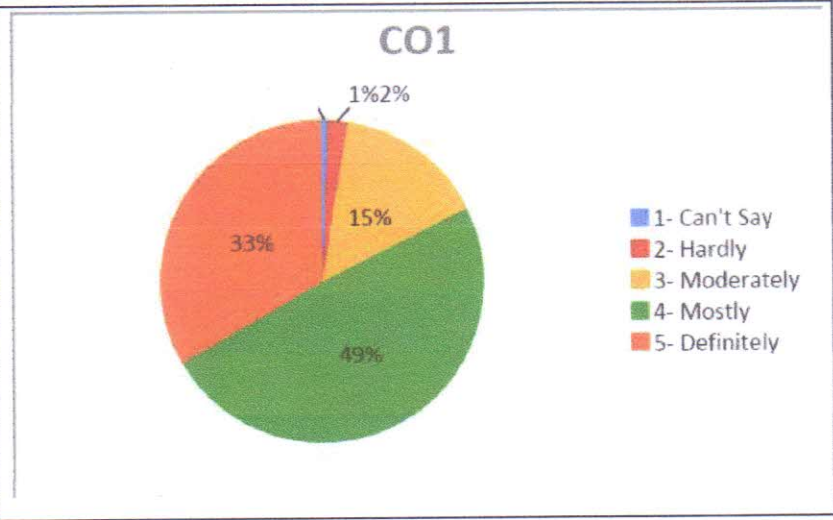
**Department of Civil Engineering**  
**Academic Year: 2020-21 (Even)**  
**Course Exit Analysis Report (SEM IV)**

**Subject – Structural Analysis**

**Subject Teacher - Prof. Shweta Motharkar / Prof. Harshal Deshpande**

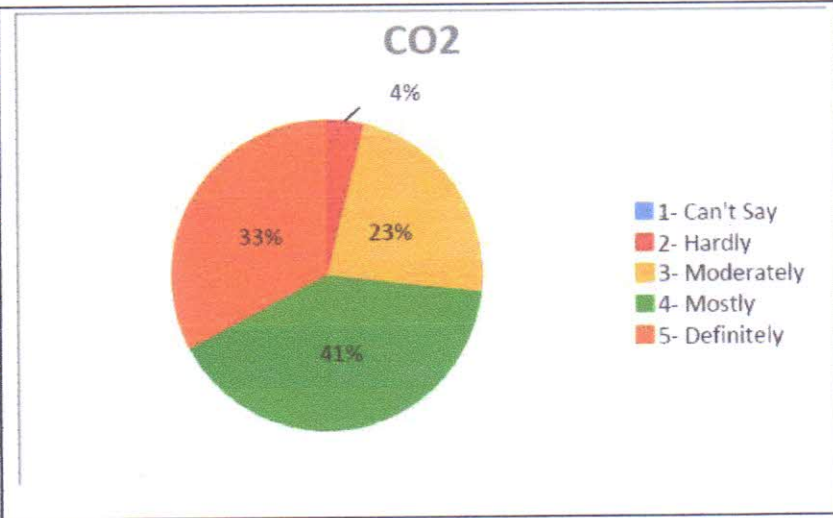
**CO1: Calculate axial forces in the coplanar trusses by using Method of joints and method of sections and also calculate radial shear, normal thrust and bending moment in parabolic 3-Hinged arches.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	3	2
3- Moderately	23	15
4- Mostly	75	49
5- Definitely	51	33
Total	153	100



**CO2: Draw Influence Line Diagrams for axial forces in trusses, Reactions, SF and BM in beams and determine their values when rolling loads are passing over them.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	6	4
3- Moderately	35	23
4- Mostly	62	41
5- Definitely	50	33
Total	153	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

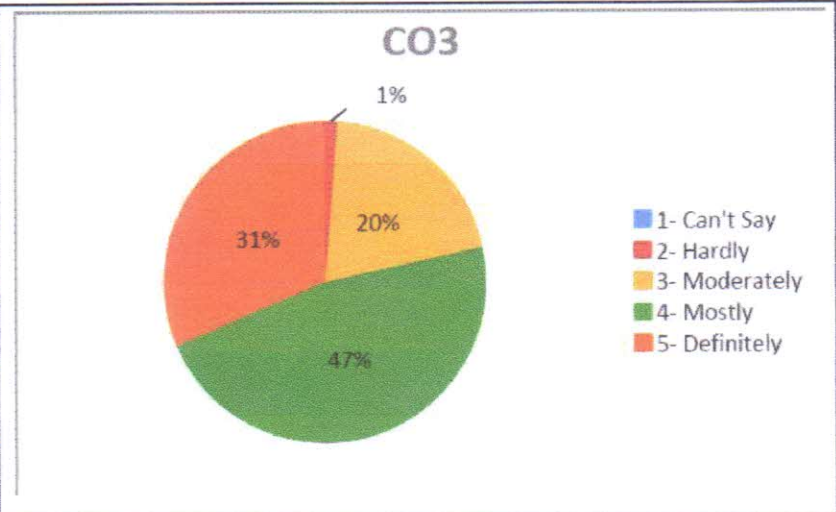
**Course Exit Analysis Report (SEM IV)**

**Subject – Structural Analysis**

**Subject Teacher - Prof. Shweta Motharkar / Prof. Harshal Deshpande**

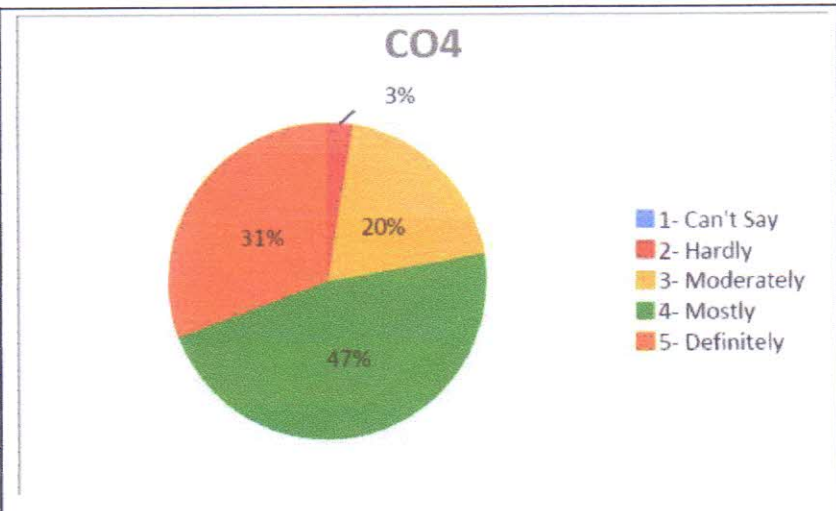
**CO3: Evaluate rotation and displacement at a joint of frames and deflection at any joint of truss and will be able to compute static and kinematic indeterminacy of structures.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	2	1
3- Moderately	31	20
4- Mostly	72	47
5- Definitely	48	31
Total	153	100



**CO4: Apply Flexibility methods and make use of Clapeyron's Theorem to analyse the indeterminate structures.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	4	3
3- Moderately	30	20
4- Mostly	72	47
5- Definitely	47	31
Total	153	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

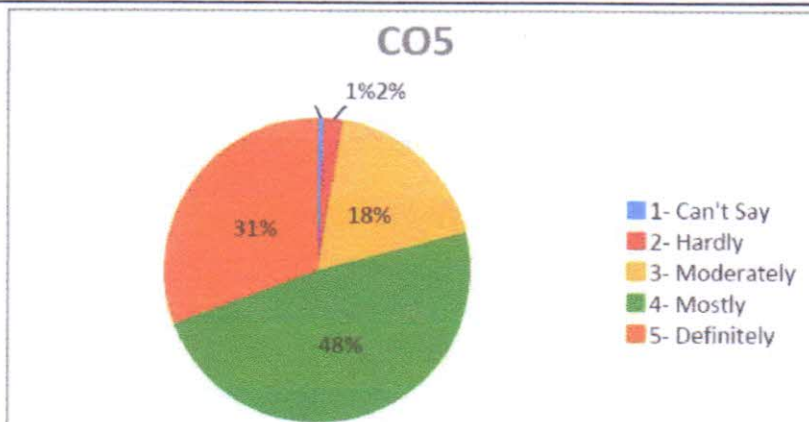
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**Subject – Structural Analysis**

**Subject Teacher - Prof. Shweta Motharkar / Prof. Harshal Deshpande**

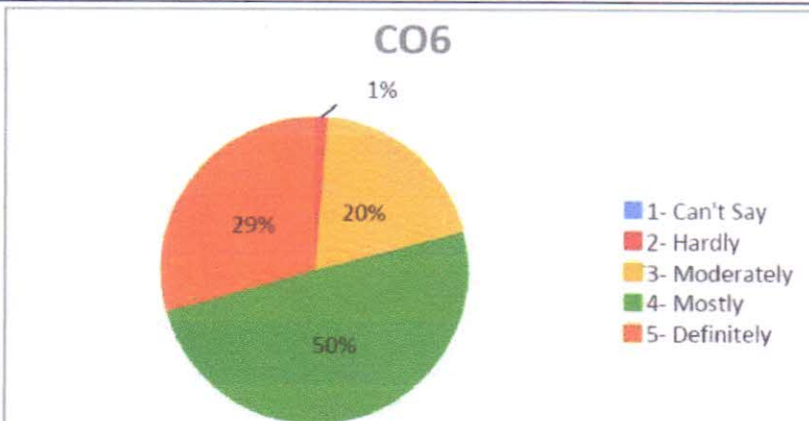
**CO5: Analyse the indeterminate structures such as beams and simple rigid jointed frames using direct stiffness method.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	3	2
3- Moderately	28	18
4- Mostly	74	48
5- Definitely	47	31
Total	153	100



**CO6: Analyse the indeterminate structures using moment distribution as stiffness method and to understand the concept & application of plastic analysis.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	2	1
3- Moderately	30	20
4- Mostly	76	50
5- Definitely	45	29
Total	153	100



HOD (Civil)  
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**Saraswati College of Engineering  
Kharghar, Navi Mumbai-410210**



**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students (CO & PO)**  
**Academic year 2020-21-EVEN**

**Summary of feedback -Semester 4:**

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 stake holders to enhance the employability of the student are discussed below.

- More practice for Engineering Mathematics IV
- Need awareness about the latest technologies and practices in industry.
- Exposure to Civil engineering software related core subjects in curriculum.
- Need animated videos for better understanding.

**Action Taken:**


Based on suggestions, various events are organized. Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below.

Sl No.	Feedback / Suggestions	Actions Taken	Date
1	More practice problems for EM IV	Extra classes were taken for EM IV	

2	Hands on experience on Civil engineering software	Software Training Program on BIM REVIT ESSENTIAL	01/6/2021 - 05/6/2021
3	Hands on experience on Civil engineering software	Software training on QGIS	19/07/2021
4	Visual aids for related topics	Animated videos and ppts were shared for better understanding of FM II and BMCT	As required
5	More practice problems for EM IV	Extra classes were taken for EM IV	As required

  
HOD

Civil Engg. Dept.  
**HEAD OF DEPARTMENT  
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**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

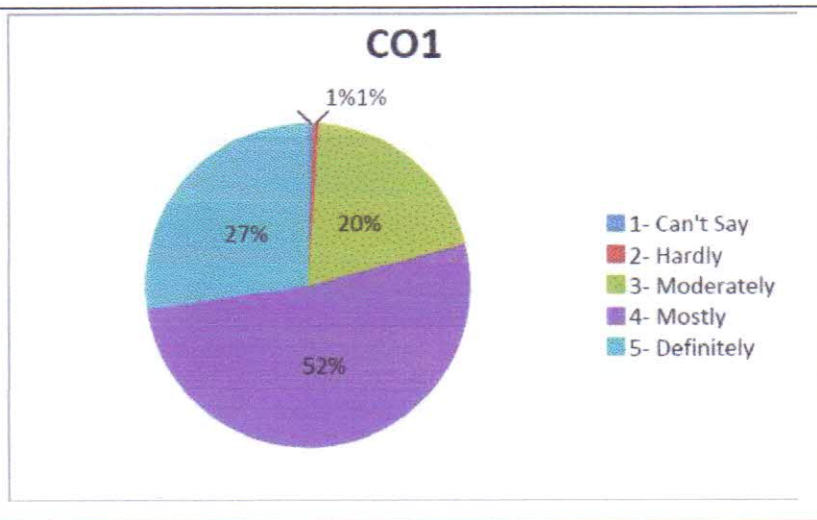
**Course Exit Analysis Report (SEM V)**

**Subject – Geotechnical Engineering-I**

**Subject Teacher - Prof. Yughandhara Kasture / Manoj Pillai / Sanjay Singh**

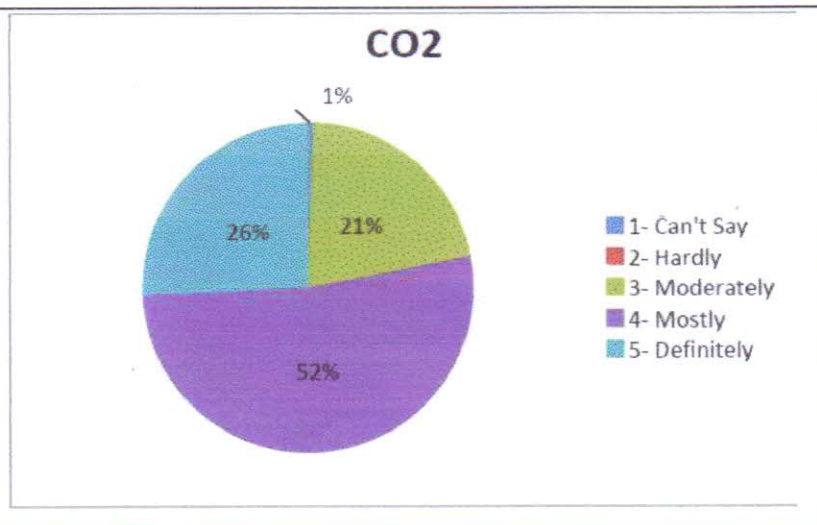
**CO1: Apply basic definitions and relationships between various unit weights & other parameters to solve three phase system problems.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	1	1
3- Moderately	37	20
4- Mostly	97	52
5- Definitely	51	27
Total	187	100



**CO2: Use the appropriate procedures to conduct experiments on methods of determining index properties to identify and classify the soil.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	0	0
3- Moderately	40	21
4- Mostly	98	52
5- Definitely	48	26
Total	187	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

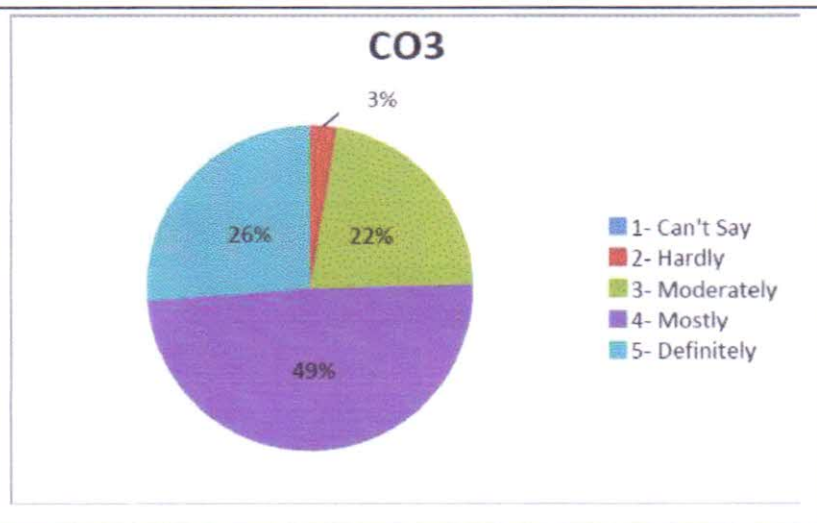
**Course Exit Analysis Report (SEM V)**

**Subject – Geotechnical Engineering-I**

**Subject Teacher - Prof. Yughandhara Kasture / Manoj Pillai / Sanjay Singh**

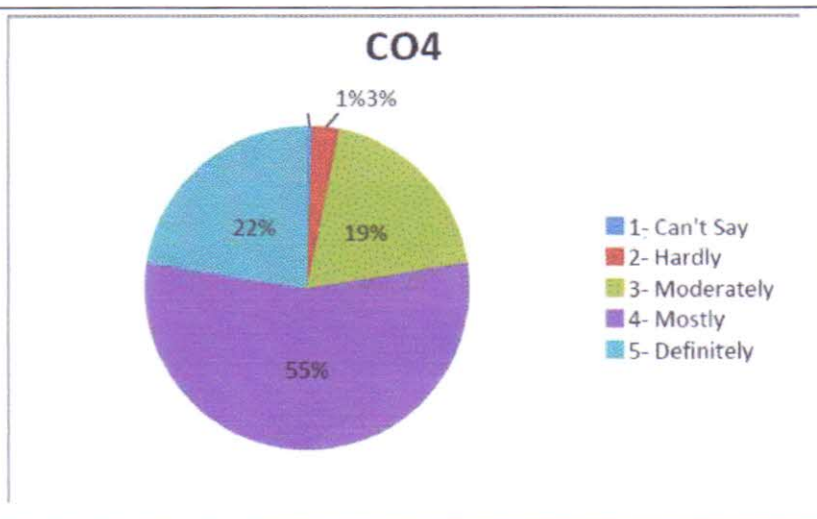
**CO3: Classify the soil according to different classification systems and identify the suitability of a given soil for use; either to support or construct a structure.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	5	3
3- Moderately	41	22
4- Mostly	92	49
5- Definitely	49	26
Total	187	100



**CO4: Analyze the properties of soil related to flow of water such as permeability, seepage & flow net to draw conclusions**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	5	3
3- Moderately	36	19
4- Mostly	103	55
5- Definitely	42	22
Total	187	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

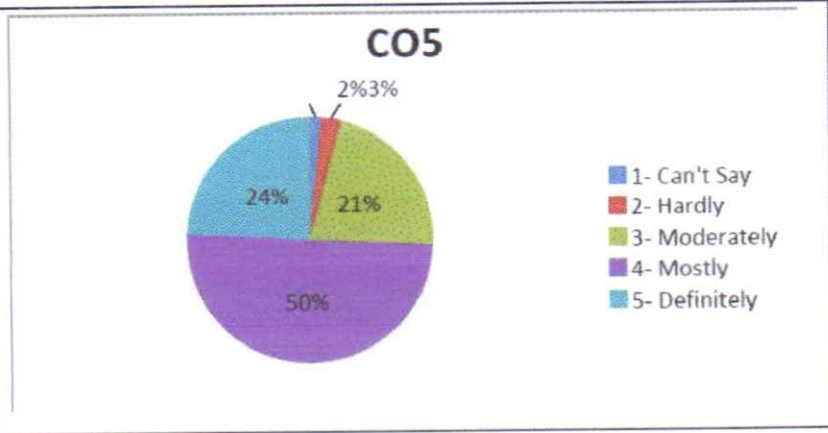
**Course Exit Analysis Report (SEM V)**

**Subject – Geotechnical Engineering-I**

**Subject Teacher - Prof. Yughandhara Kasture / Manoj Pillai / Sanjay Singh**

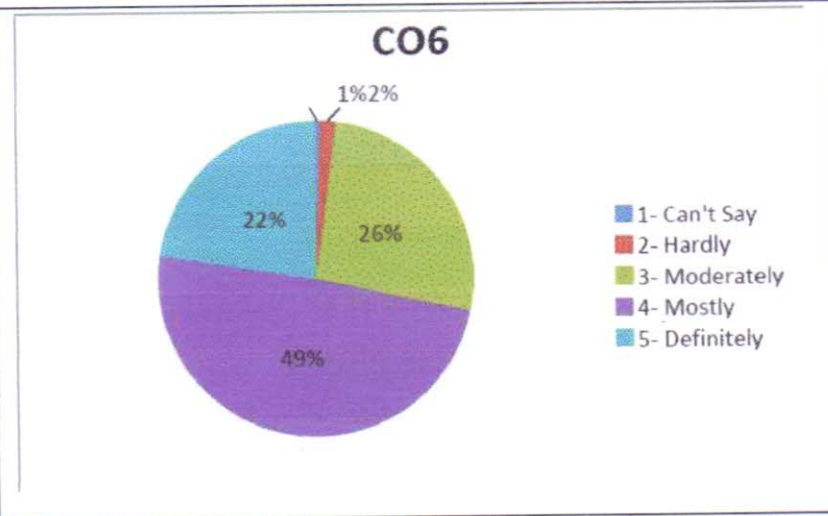
**CO5: Determine the total stress, neutral stress and effective stress and draw stress figures of a soil to complement writing and presentations.**

Score	No. of students	Percentage (%)
1- Can't Say	3	2
2- Hardly	5	3
3- Moderately	40	21
4- Mostly	94	50
5- Definitely	45	24
Total	187	100



**CO6: Evaluate the compression characteristics in laboratory & field also interpret soil boring data for foundation design to evaluate the financial status of an engineering project.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	3	2
3- Moderately	49	26
4- Mostly	92	49
5- Definitely	42	22
Total	187	100



HOD (Civil)

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CIVIL ENGINEERING  
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Department of Civil Engineering

Academic Year: 2020-21 (Odd)

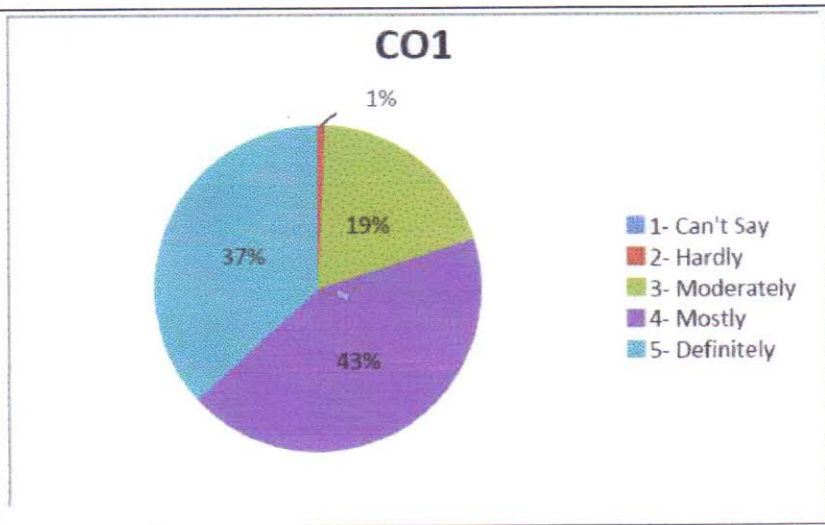
Course Exit Analysis Report (SEM V)

Subject – Environmental Engineering - I

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

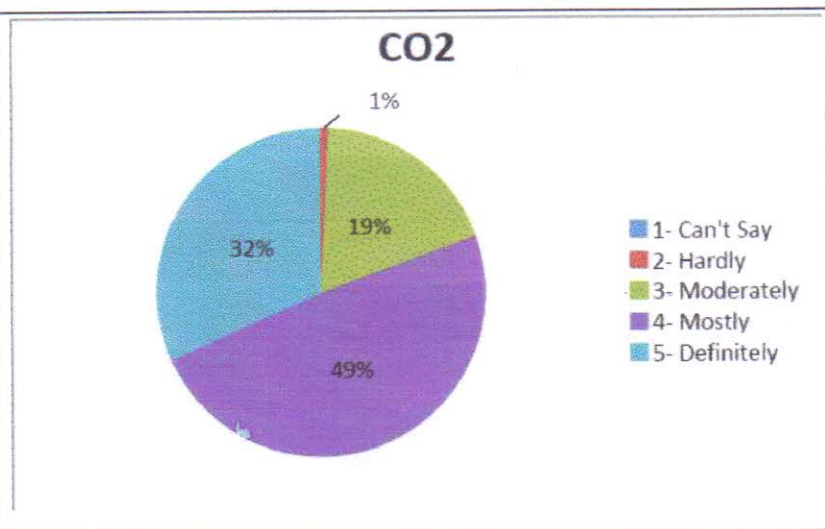
**CO1: Explain the water supply system, its components and water demand by various consumers.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	27	19
4- Mostly	60	43
5- Definitely	51	37
Total	139	100



**CO2: Examine the quality of water, water treatment flow diagram, water quality standards.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	26	19
4- Mostly	68	49
5- Definitely	44	32
Total	139	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

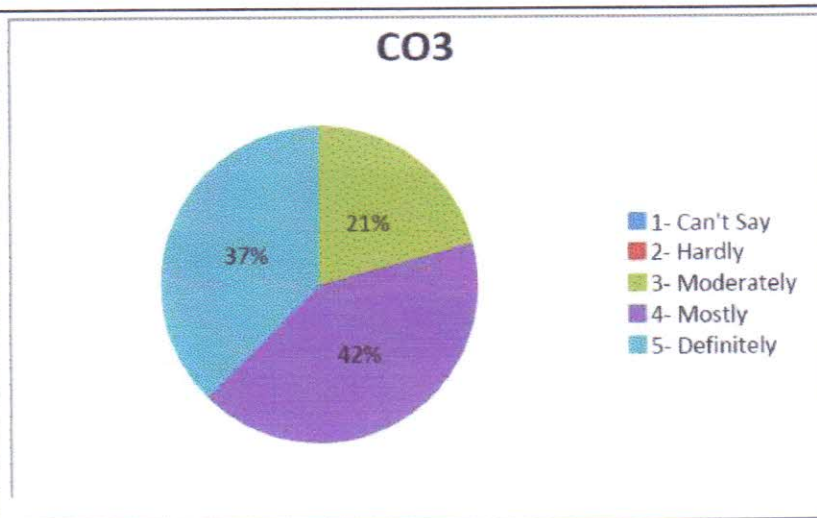
**Course Exit Analysis Report (SEM V)**

**Subject – Environmental Engineering - I**

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

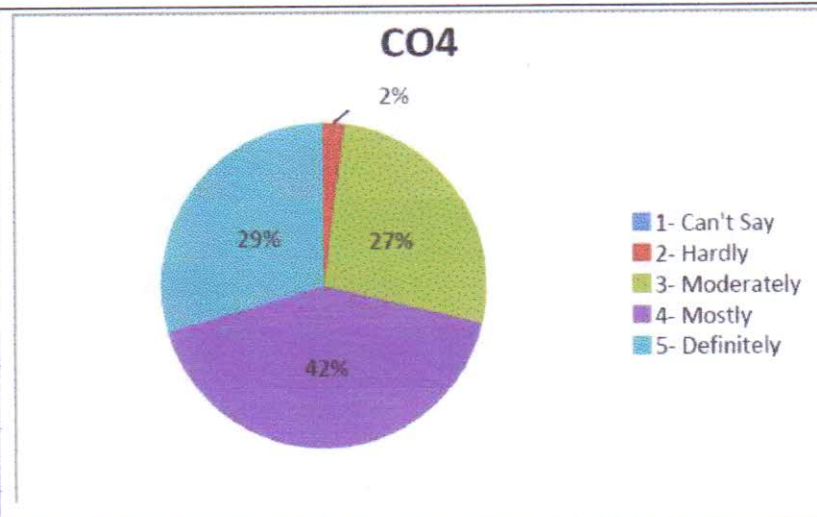
**CO3: Illustrate the different processes in the water treatment facility that is aeration, sedimentation, coagulation, filtration, water softening, chlorination and miscellaneous treatments**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	29	21
4- Mostly	58	42
5- Definitely	52	37
Total	139	100



**CO4: Design the different units of treatment for water treatment plants. design of sedimentation, filtration tank. (Numericals)**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	3	2
3- Moderately	37	27
4- Mostly	58	42
5- Definitely	41	29
Total	139	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

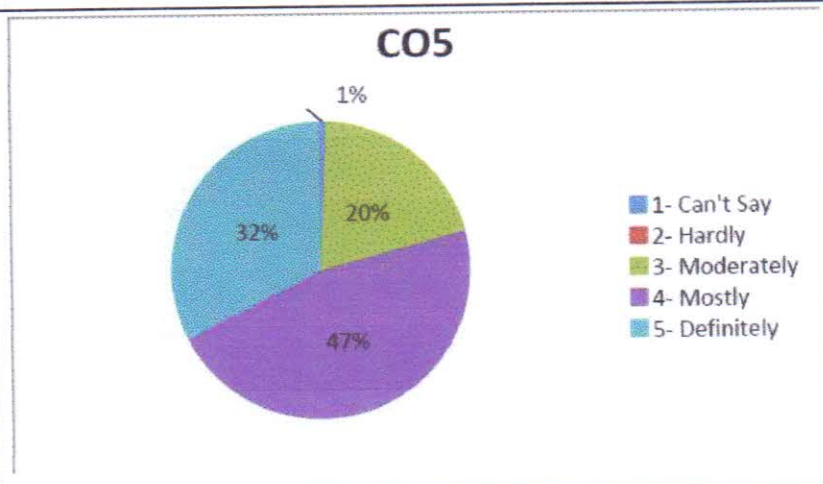
**Course Exit Analysis Report (SEM V)**

**Subject – Environmental Engineering - I**

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

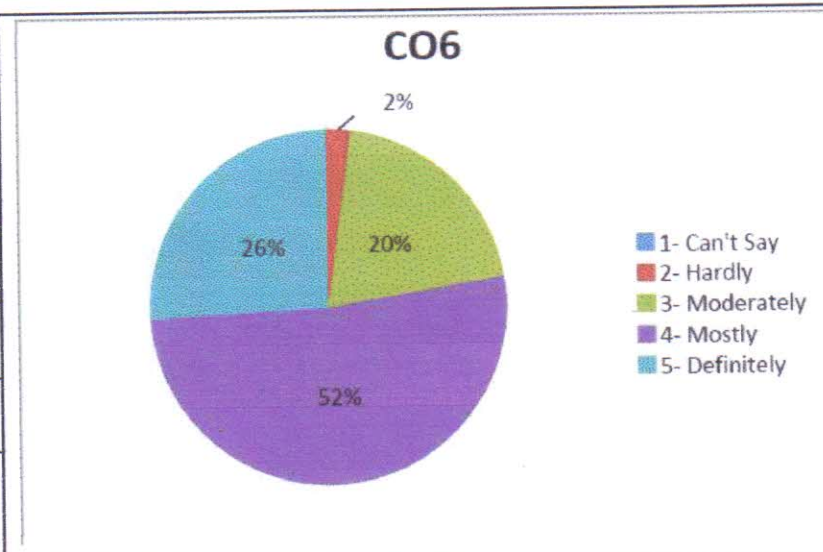
**CO5: Understand the components of building water supply system sanitary fixtures fittings, storage and rain water harvesting**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	0	0
3- Moderately	28	20
4- Mostly	65	47
5- Definitely	45	32
Total	139	100



**CO6: Describe effects and controls of air and noise pollution.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	3	2
3- Moderately	28	20
4- Mostly	72	52
5- Definitely	36	26
Total	139	100



*Robeena*  
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*Principal*  
Principal (SCOE)  
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Kharghar, Navi Mumbai-410210**



**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students**  
**Academic year 2020-21 ODD**

**Summary of feedback -Semester 5:**

Feedbacks collected from students are analysed and implemented necessary actions for preparing the students to cope up with the present requirements in Industry. Abstract of suggestions obtained to enhance the employability of the student are discussed below.

- Need awareness about the latest technologies and practices in industry.
- Need experience on Civil engineering software related core subjects in curriculum.
- Need more exposure towards design of infrastructure. Roads, Bridges, Airports etc
- Need site visits

**Action Taken:**

Based on suggestions received to bridge the gap between the curriculum and the current industrial practices, various events are organized. Events are selected such that it will be beneficial for their career as a 'Civil Engineer'. Details of events organized at Institutional and Department level are mentioned below.

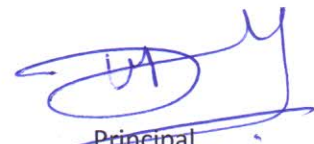
Sl no.	Suggestions	Action taken	Date
1	Latest technologies and practices in industry	Webinar on Remote Sensing applications in Agricultural Water Management	3/8/2020 - 7/8/2020

2	Hands on experience on Civil engineering software	Software Training Program on BIM REVIT ESSENTIAL	01/6/2021 - 05/6/2021
3	Hands on experience on Civil engineering software	Software training on QGIS	19/07/2021
4	latest technologies and practices in industry	Webinar on 'Disaster management and monsoon preparedness	8/9/21

  
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**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

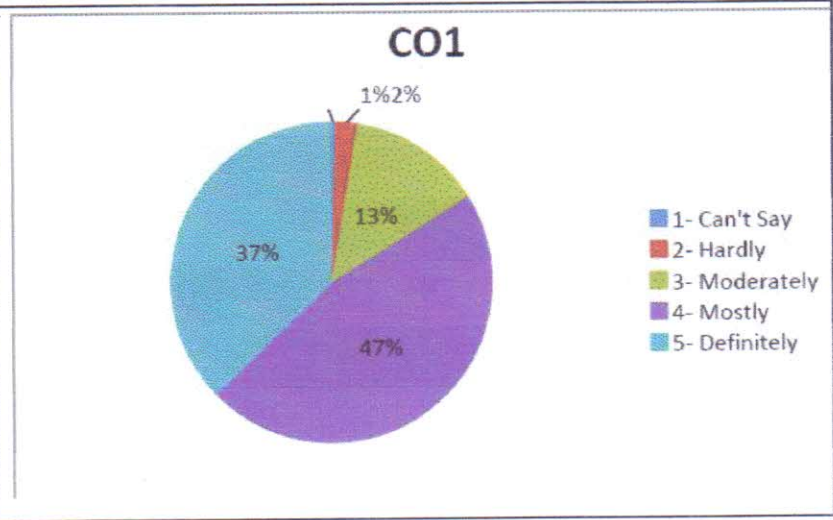
**Course Exit Analysis Report (SEM VI)**

**Subject – Water Resource Engineering - I**

**Subject Teacher - Prof. Hemant Sarje / Prof. Neha Chhangani**

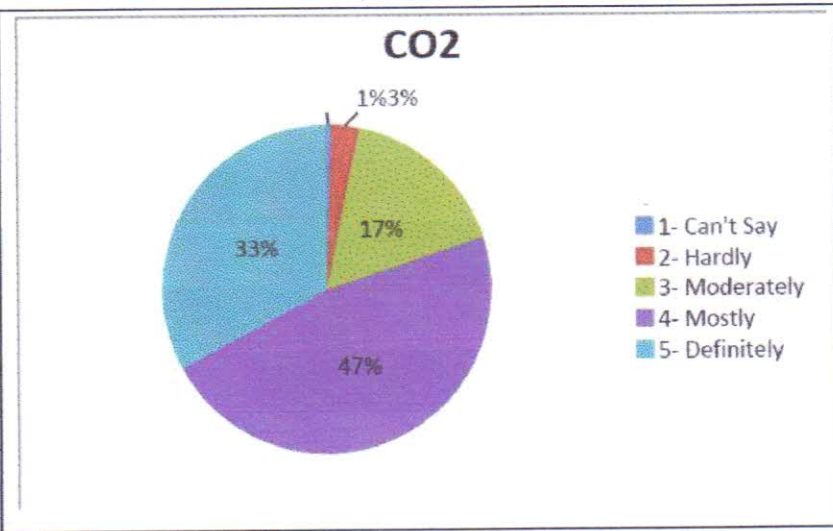
**CO1: Identify the basics of Irrigation engineering and types of irrigation projects along with National Water policy**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	4	2
3- Moderately	25	13
4- Mostly	87	47
5- Definitely	69	37
Total	186	100



**CO2: Able to choose Choose and compare different techniques and methods of irrigation and Identify the strength and limitations of different techniques for a particular crop grown over an area**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	5	3
3- Moderately	31	17
4- Mostly	88	47
5- Definitely	61	33
Total	186	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

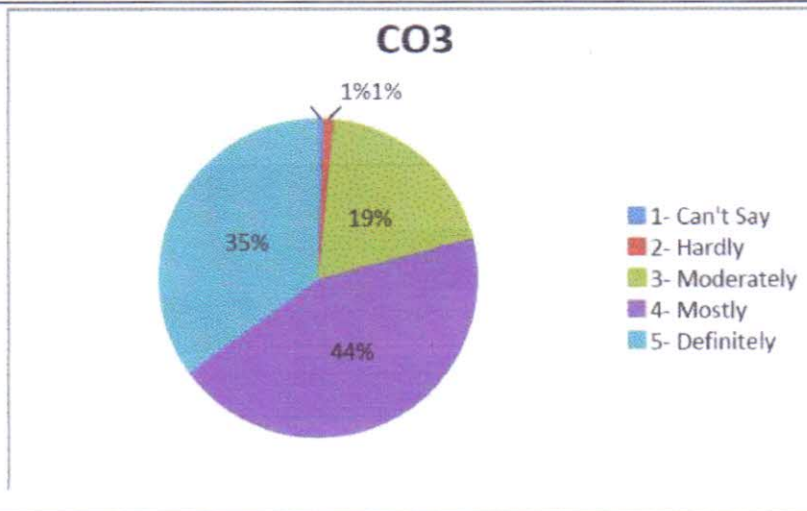
**Course Exit Analysis Report (SEM VI)**

**Subject – Water Resource Engineering - I**

**Subject Teacher - Prof. Hemant Sarje / Prof. Neha Chhangani**

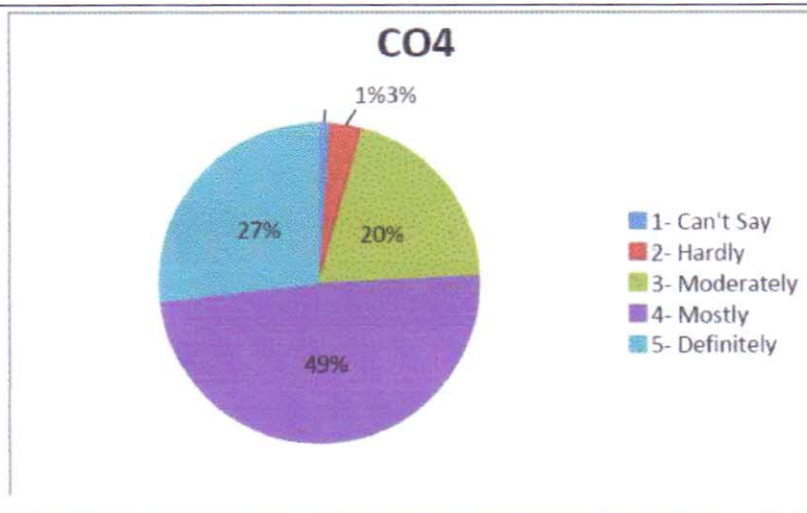
**CO3: Able to find the water requirement of the crop and hence the calculation of discharge from a canal and the storage requirements, Understand the relation between Duty and Delta**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	2	1
3- Moderately	36	19
4- Mostly	82	44
5- Definitely	65	35
Total	186	100



**CO4: Analyze and interpret runoff resulting from rainfall over a catchment area. Understand the relation between various type hydrograph**

Score	No. of students	Percentage (%)
1- Can't Say	2	1
2- Hardly	6	3
3- Moderately	37	20
4- Mostly	91	49
5- Definitely	50	27
Total	186	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

**Course Exit Analysis Report (SEM VI)**

**Subject – Water Resource Engineering - I**

**Subject Teacher - Prof. Hemant Sarje / Prof. Neha Chhangani**

<b>CO5: Identify the existing methods to Design a well for required discharge and Estimate yield from a well.</b>		
Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	5	3
3- Moderately	38	20
4- Mostly	87	47
5- Definitely	55	30
Total	186	100

**CO5**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

<b>CO6: Identify suitable nonfunctional requirement for evaluation of alternate techniques to know the investigations for reservoir planning and Estimate safe yield from reservoir</b>		
Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	5	3
3- Moderately	35	19
4- Mostly	93	50
5- Definitely	53	28
Total	186	100

**CO6**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

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**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

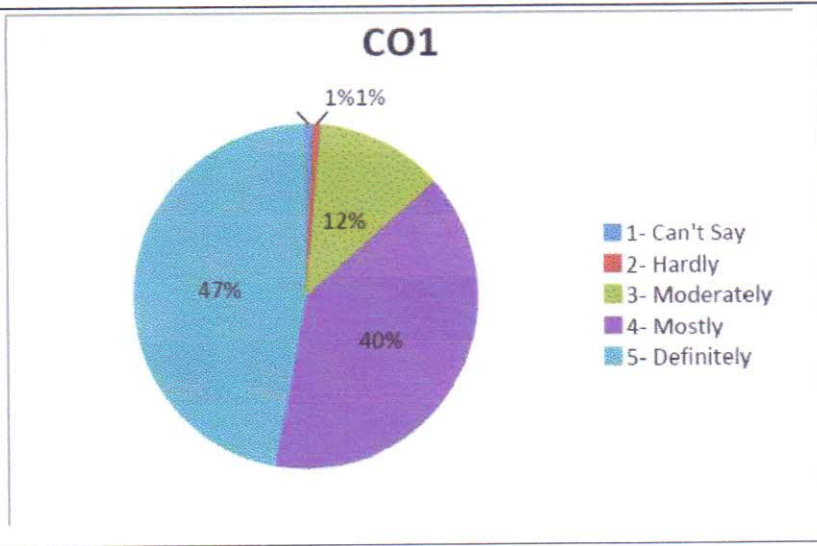
**Course Exit Analysis Report (SEM VI)**

**Subject – Environmental Engineering - II**

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

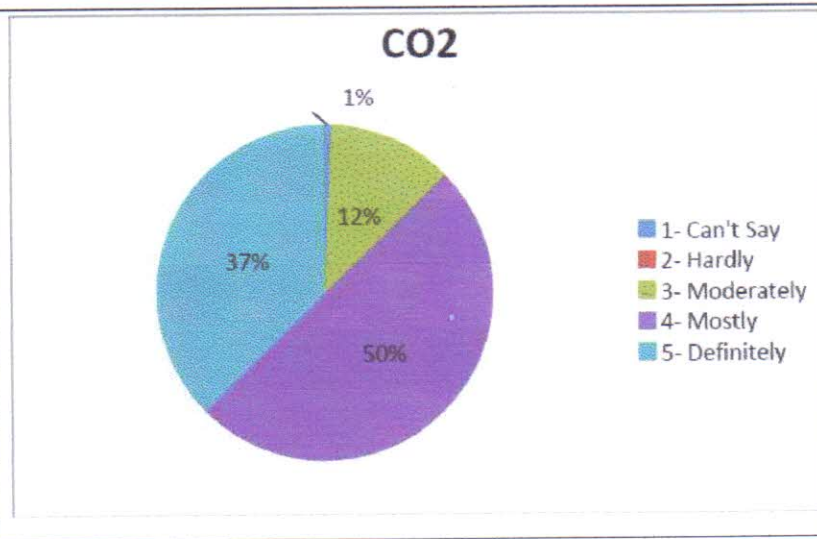
**CO1: Able to understand sewage generation, collection and conveyance from house plumbing, sewers lines.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	1	1
3- Moderately	16	12
4- Mostly	53	40
5- Definitely	63	47
Total	134	100



**CO2: able to understand characterization and Primary Treatment of sewage**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	0	0
3- Moderately	16	12
4- Mostly	67	50
5- Definitely	50	37
Total	134	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

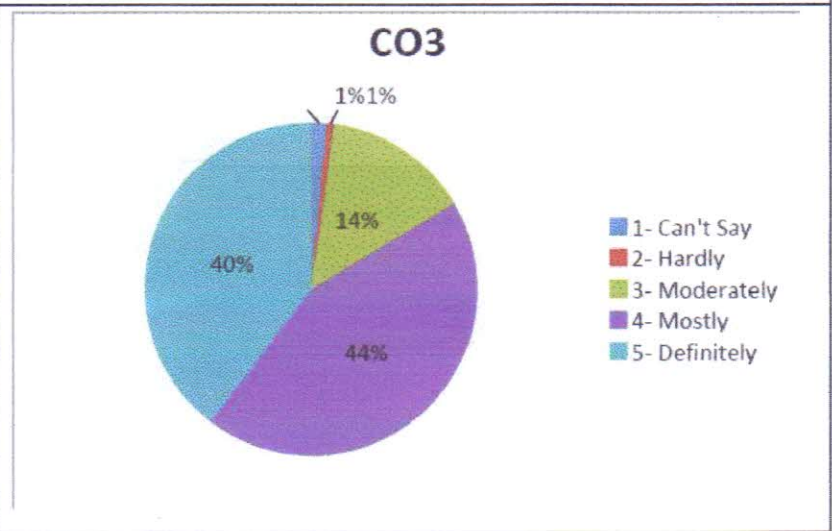
**Course Exit Analysis Report (SEM VI)**

**Subject – Environmental Engineering - II**

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

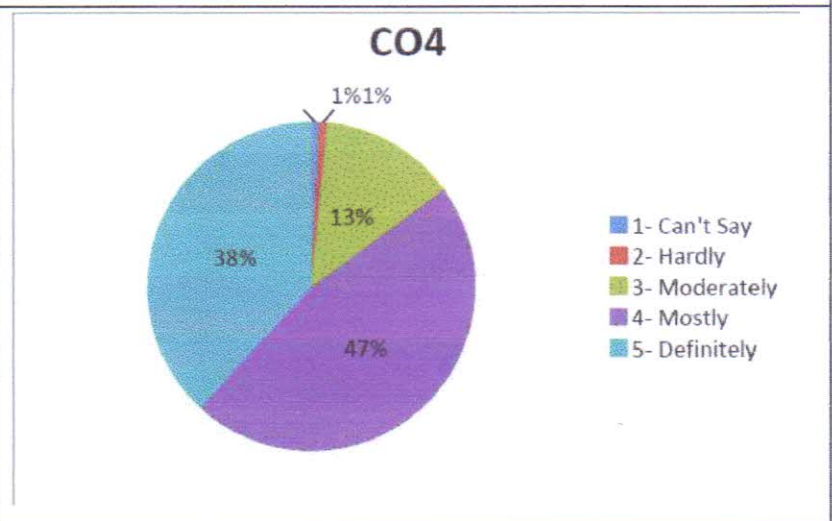
**CO3: Able to understand secondary treatment of sewage that is biological treatments units such as trickling filter, ASP, wetlands, septic tank etc**

Score	No. of students	Percentage (%)
1- Can't Say	2	1
2- Hardly	1	1
3- Moderately	19	14
4- Mostly	59	44
5- Definitely	53	40
Total	134	100



**CO4: Able to understand self purification of of natural bodies and reuse of waste water**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	1	1
3- Moderately	18	13
4- Mostly	63	47
5- Definitely	51	38
Total	134	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

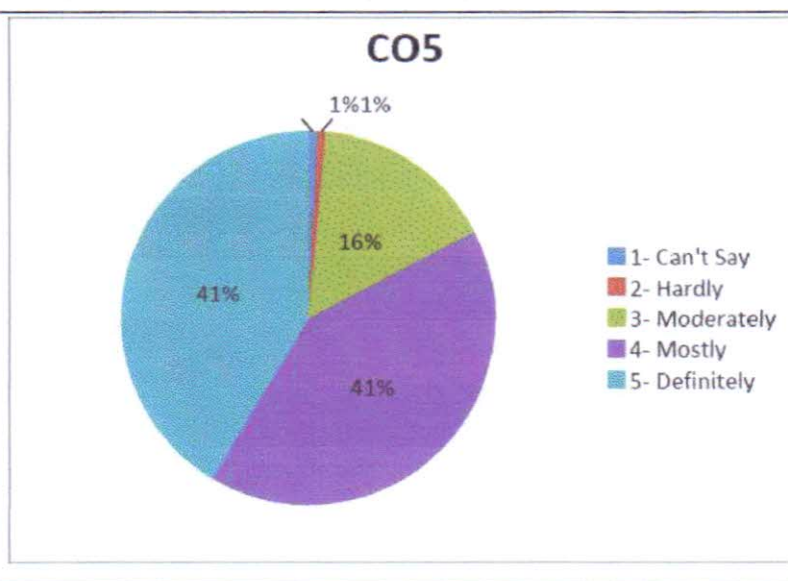
**Course Exit Analysis Report (SEM VI)**

**Subject – Environmental Engineering - II**

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

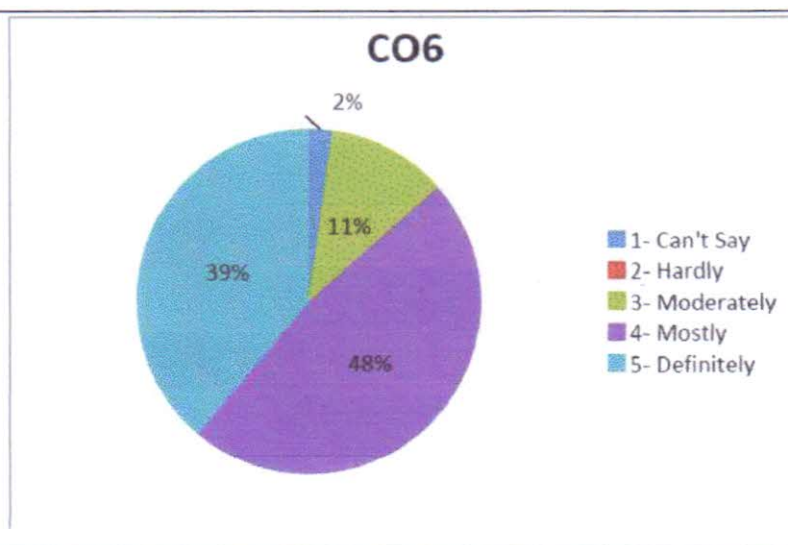
**CO5: able to understand sludge treatment and disposals, thickening of sludge drying beds etc.**

Score	No. of students	Percentage (%)
1- Can't Say	1	1
2- Hardly	1	1
3- Moderately	21	16
4- Mostly	55	41
5- Definitely	55	41
Total	133	100



**CO6: able to understand solid waste generation, sources, collections treatment, disposals methods etc.**

Score	No. of students	Percentage (%)
1- Can't Say	3	2
2- Hardly	0	0
3- Moderately	15	11
4- Mostly	64	48
5- Definitely	52	39
Total	134	100



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**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students**  
**Academic year 2020-21 EVEN**

**Summary of feedback -Semester 6:**

Feedbacks collected from students are analysed and implemented necessary actions for preparing the students to cope up with the present requirements in Industry. Abstract of suggestions obtained to enhance the employability of the student are discussed below.

- Need awareness about the latest technologies and practices in industry.
- Need experience on Civil engineering software related core subjects in curriculum.
- Need more exposure towards design of infrastructure. Roads, Bridges, Airports etc
- Expert talks on selected topics

**Action Taken:**

Based on suggestions received to bridge the gap between the curriculum and the current industrial practices, various events are organized. Events are selected such that it will be beneficial for their career as a 'Civil Engineer'. Details of events organized at Institutional and Department level are mentioned below.

Sl no.	Suggestions	Action taken	Date
1	Career Guidance	Scope of Civil Engineers in Oil and Petroleum Industry.	11/02/2021

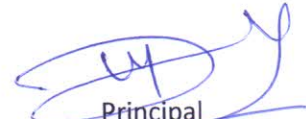
*Handwritten notes:*  
Suggestion received from students  
to provide exposure to the students  
in the form of expert talks on selected topics  
on 11/02/2021

2	latest technologies and practices in industry	Webinar on Industrial wastewater treatment: Challenges and solution	25/02/2021
3	Need more exposure towards design & construction of infrastructure	Webinar on Civil Engineering & Infrastructure Development	22/03/2021
4	More about project-based learning	IEEE Paper Writing Webinar	15/03/2021

  
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Kharghar, Navi Mumbai-410210**





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

**Course Exit Analysis Report (SEM VII)**

**Subject – Quantity Survey Estimation and Valuation**

**Subject Teacher - Prof. Sanjay Singh / Shanthi Selvam**

<b>CO1: Apply the measurement system to various civil Engineering items of works.</b>		
Score	No. of students	Percentage (%)
1- Can't Say	3	1
2- Hardly	2	1
3- Moderately	22	10
4- Mostly	108	49
5- Definitely	85	39
Total	220	100

**CO1**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

<b>CO2: Draft the specifications of various items of works and determine or analyze unit rates of items of works.</b>		
Score	No. of students	Percentage (%)
1- Can't Say	3	1
2- Hardly	3	1
3- Moderately	25	11
4- Mostly	109	50
5- Definitely	80	36
Total	220	100

**CO2**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely



**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

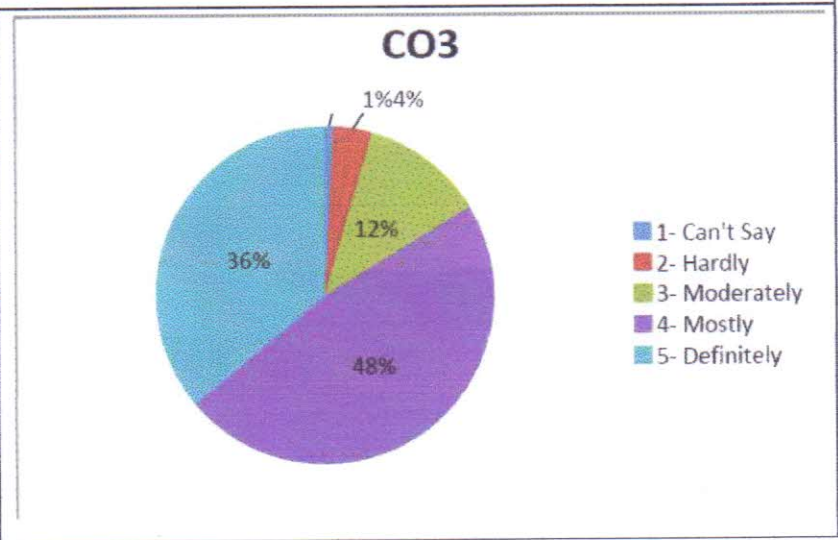
**Course Exit Analysis Report (SEM VII)**

**Subject – Quantity Survey Estimation and Valuation**

**Subject Teacher - Prof. Sanjay Singh / Shanthi Selvam**

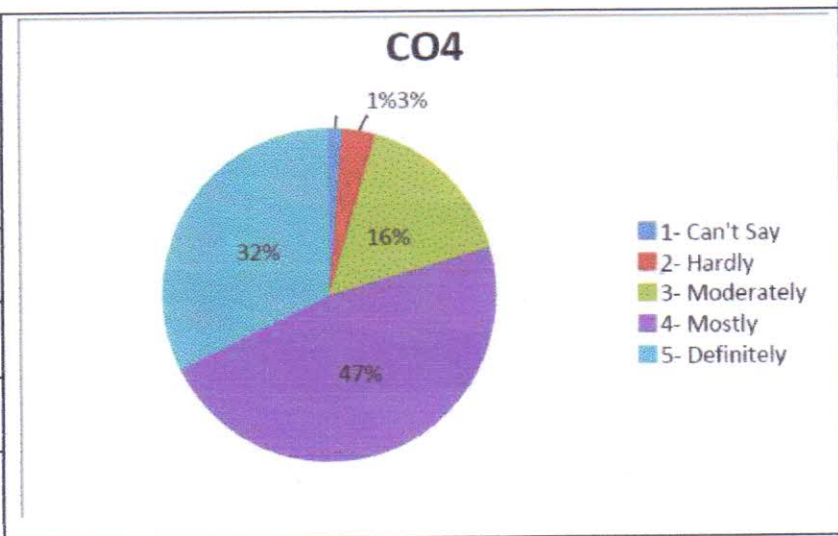
**CO3: Estimate approximate cost of structures by using various methods and prepare detailed estimate of various civil Engineering structures by referring drawings.**

Score	No. of students	Percentage (%)
1- Can't Say	2	1
2- Hardly	8	4
3- Moderately	26	12
4- Mostly	105	48
5- Definitely	79	36
Total	220	100



**CO4: Assess the quantities of earthwork and construct mass haul diagram.**

Score	No. of students	Percentage (%)
1- Can't Say	3	1
2- Hardly	7	3
3- Moderately	35	16
4- Mostly	104	47
5- Definitely	71	32
Total	220	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

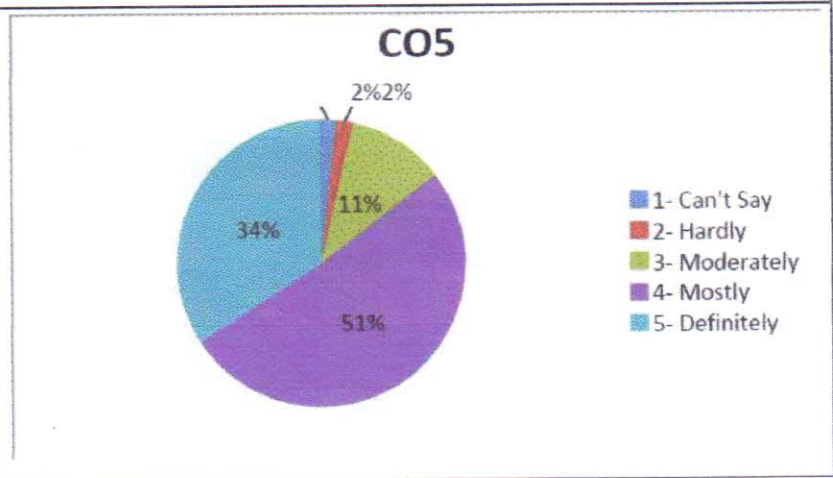
**Course Exit Analysis Report (SEM VII)**

**Subject – Quantity Survey Estimation and Valuation**

**Subject Teacher - Prof. Sanjay Singh / Shanthi Selvam**

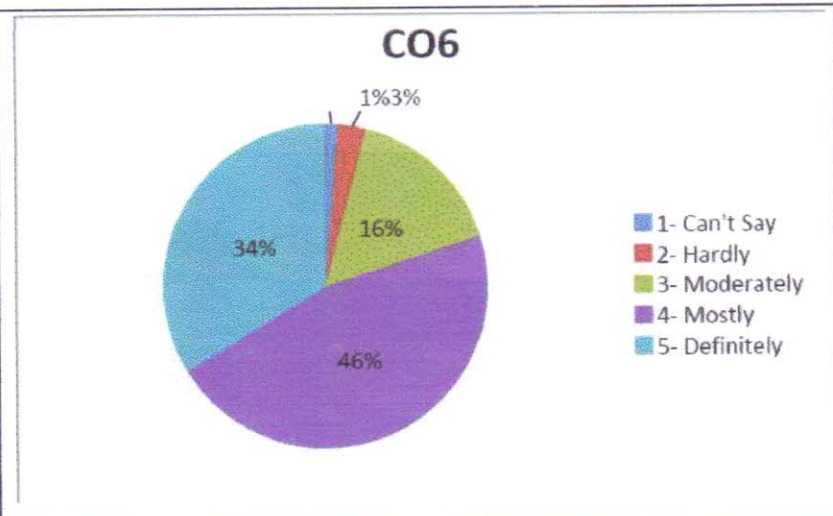
**CO5: Draft tender notice and evaluate various bidding strategies and contract types, demonstrate , prepare valid contract documents.**

Score	No. of students	Percentage (%)
1- Can't Say	4	2
2- Hardly	4	2
3- Moderately	24	11
4- Mostly	113	51
5- Definitely	75	34
Total	220	100



**CO6: Determine the fair value of any constructed building at stated time.**

Score	No. of students	Percentage (%)
1- Can't Say	3	1
2- Hardly	6	3
3- Moderately	35	16
4- Mostly	102	46
5- Definitely	74	34
Total	220	100



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**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

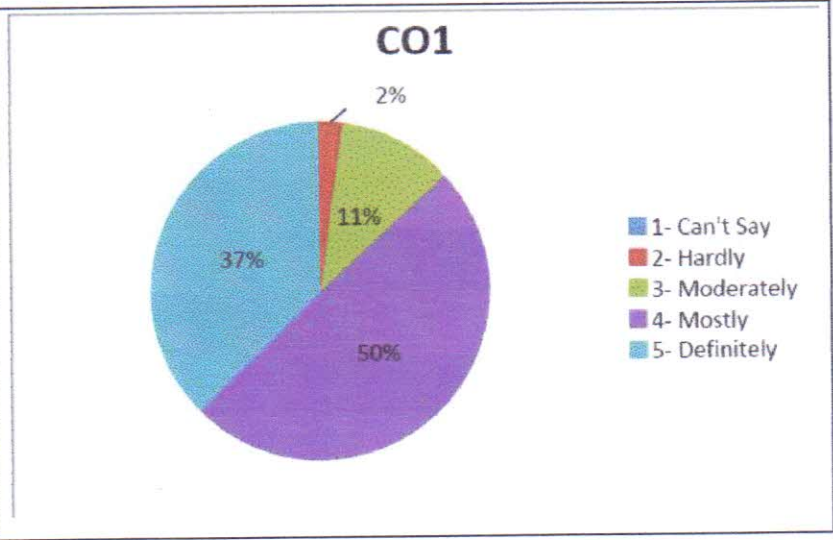
**Course Exit Analysis Report (SEM VII)**

**Subject – Water Resource Engineering -II**

**Subject Teacher - Prof. Rachel Gitty / Rajesh Ingole**

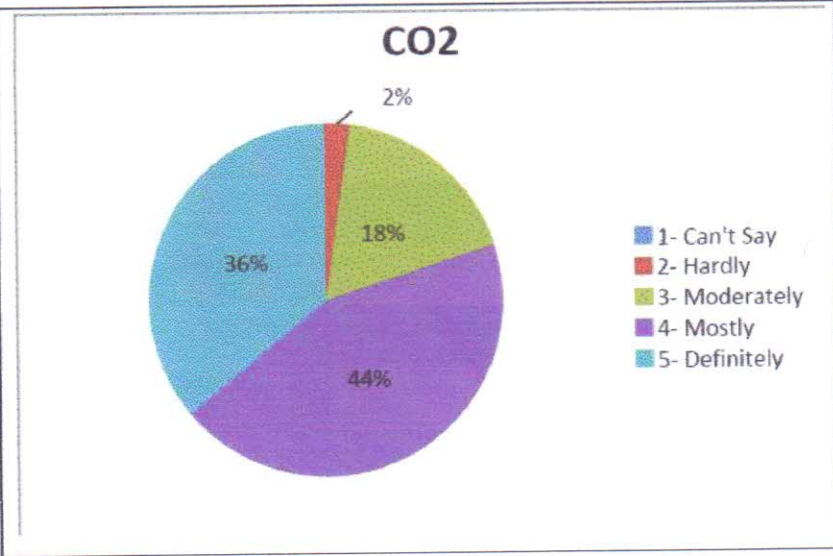
**CO1: Apply Civil engineering concepts and code of practices to analyse the section of a gravity dam and functional requirements of its components.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	5	2
3- Moderately	24	11
4- Mostly	109	50
5- Definitely	82	37
Total	220	100



**CO2: Distinguish various types of turbines, Characteristic curves and its components**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	5	2
3- Moderately	39	18
4- Mostly	97	44
5- Definitely	79	36
Total	220	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

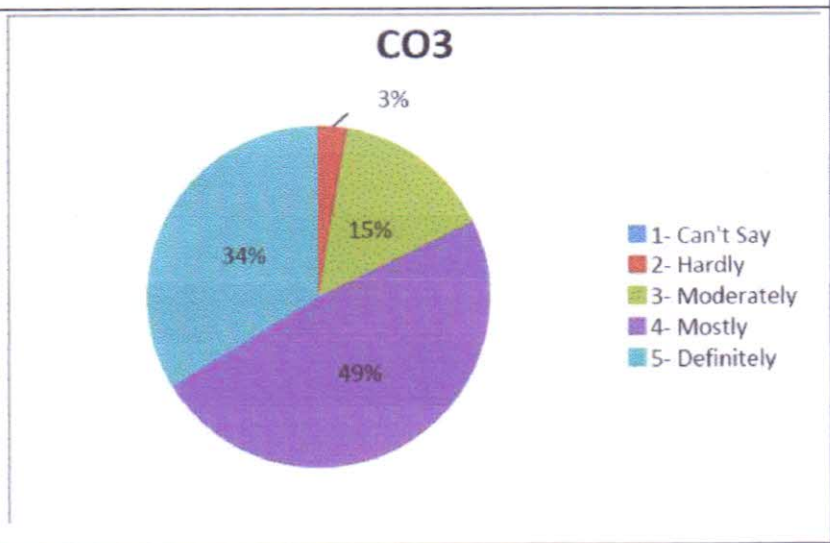
**Course Exit Analysis Report (SEM VII)**

**Subject – Water Resource Engineering -II**

**Subject Teacher - Prof. Rachel Gitty / Rajesh Ingole**

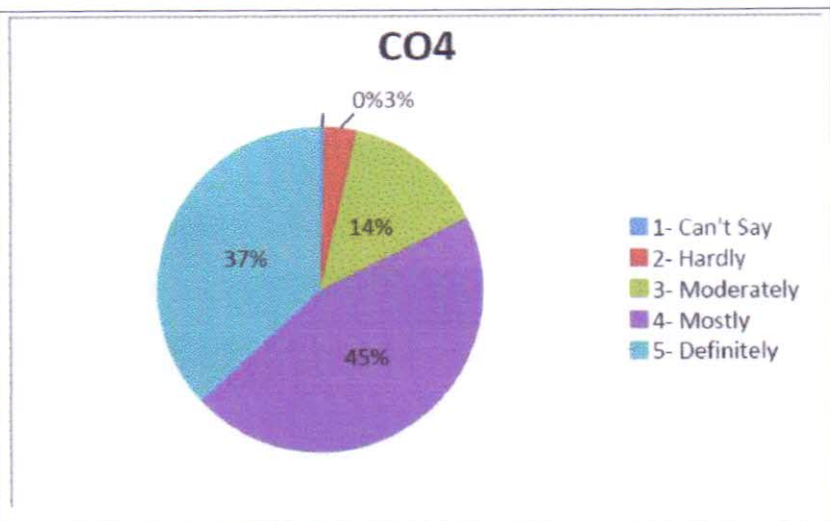
**CO3: Analyse Centrifugal pumps by incorporating velocity triangle diagrams.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	6	3
3- Moderately	33	15
4- Mostly	107	49
5- Definitely	74	34
Total	220	100



**CO4: Able to design and compare channels using Kennedy's & Lacey's theory of channel design.**

Score	No. of students	Percentage (%)
1- Can't Say	1	0
2- Hardly	7	3
3- Moderately	31	14
4- Mostly	100	45
5- Definitely	81	37
Total	220	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Odd)**

**Course Exit Analysis Report (SEM VII)**

**Subject – Water Resource Engineering -II**

**Subject Teacher - Prof. Rachel Gitty / Rajesh Ingole**

**CO5: Apply civil Engineering concepts to differentiate types of canals, required canal maintenance, types of canal lining and point out causes and remedial measures for water logging.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	5	2
3- Moderately	35	16
4- Mostly	105	48
5- Definitely	75	34
Total	220	100

**CO5**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

**CO6: Apply Civil Engineering concepts and suggest the canal structures depending upon different field condition to solve the problems.**

Score	No. of students	Percentage (%)
1- Can't Say	1	0
2- Hardly	7	3
3- Moderately	35	16
4- Mostly	104	47
5- Definitely	73	33
Total	220	100

**CO6**

- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students**  
**Academic year 2020-21 ODD**

**Summary of feedback -Semester 7:**

Feedbacks collected from students are analysed and implemented necessary actions for preparing the students to cope up with the present requirements in Industry. Abstract of suggestions obtained to enhance the employability of the student are discussed below.


- Need awareness about the latest technologies and practices in industry.
- Need experience on Civil engineering software related core subjects in curriculum.
- Need more exposure towards design of infrastructure. Roads, Bridges, Airports etc

**Action Taken:**

Based on suggestions received to bridge the gap between the curriculum and the current industrial practices, various events are organized. Events are selected such that it will be beneficial for their career as a 'Civil Engineer'. Details of events organized at Institutional and Department level are mentioned below.


Sl no.	Suggestions	Action taken	Date
1	Latest technologies and practices in industry	Webinar on Remote Sensing applications in Agricultural Water Management	3/8/2020 - 7/8/2020

2	Hands on experience on Civil engineering software	Software Training Program on BIM REVIT ESSENTIAL	01/6/2021 - 05/6/2021
3	Hands on experience on Civil engineering software	Software training on QGIS	19/07/2021
4	latest technologies and practices in industry	Webinar on 'Disaster management and monsoon preparedness	8/9/21

  
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**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

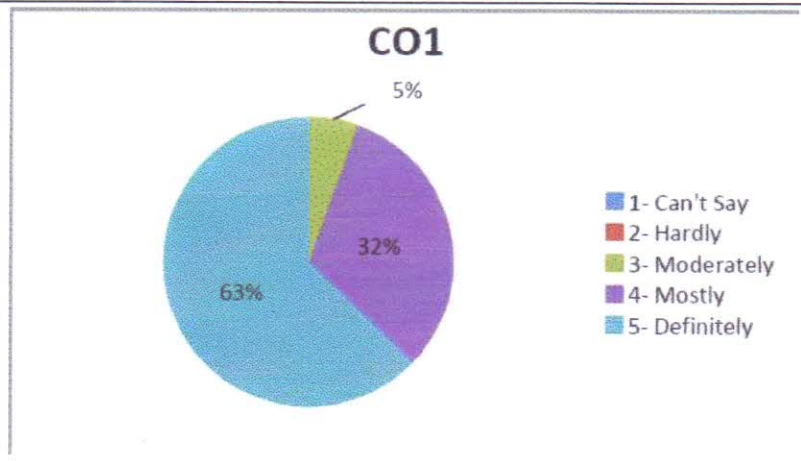
**Course Exit Analysis Report (SEM VIII)**

**Subject – Industrial Waste Treatment**

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

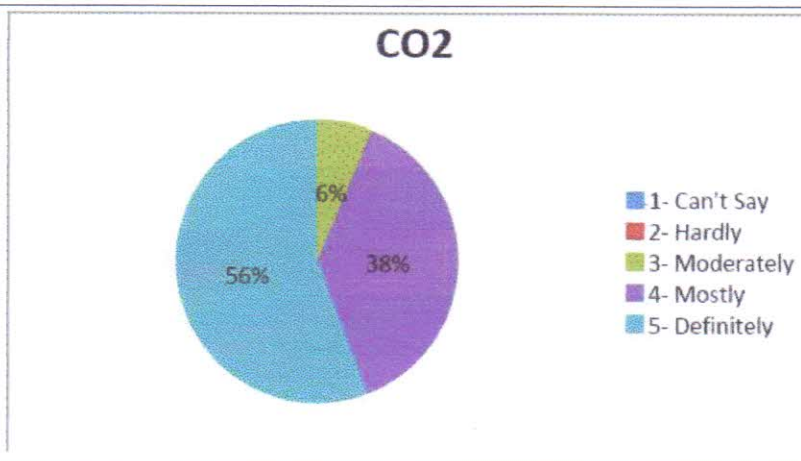
**CO1: Identify, assemble and evaluate information and resources related to different types and characteristics of industrial wastes its disposal. Interpret legislation, regulations, and standards relevant to effluent standards and explain its contribution to the protection of the public.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	7	5
4- Mostly	41	32
5- Definitely	81	63
Total	129	100



**CO2: Identify existing processes/solution methods for sampling and analysis of industrial wastes, solving the problem, related to population equivalence with justified assumptions.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	8	6
4- Mostly	49	38
5- Definitely	72	56
Total	129	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

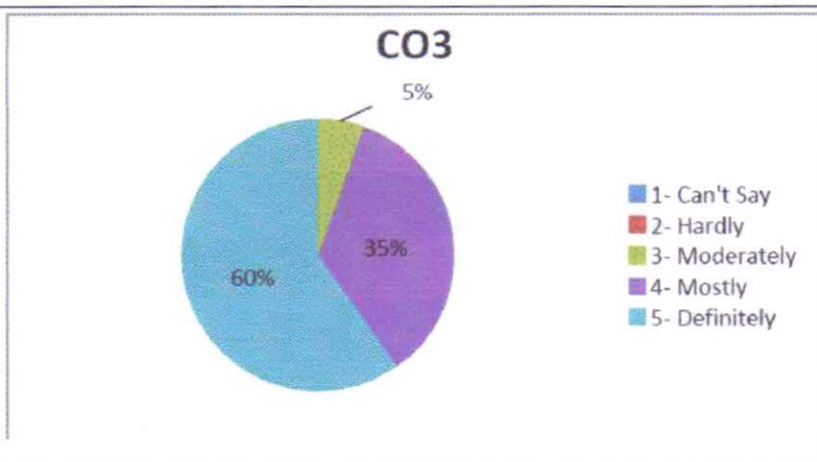
**Course Exit Analysis Report (SEM VIII)**

**Subject – Industrial Waste Treatment**

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

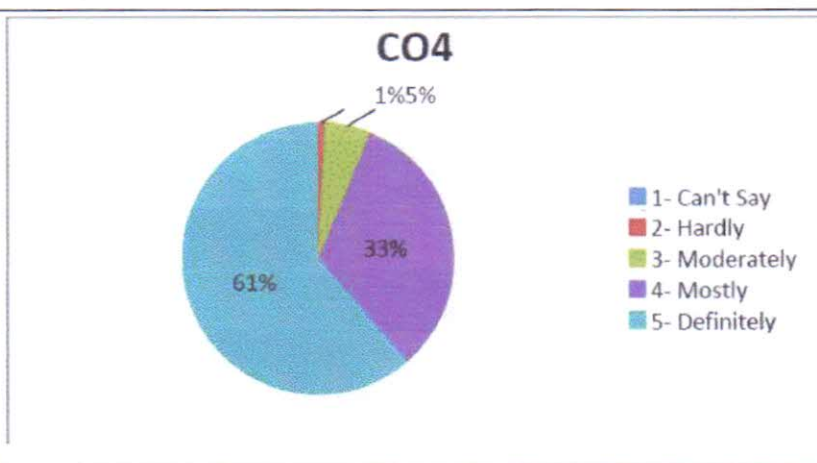
**CO3: Combine scientific principles and engineering concepts to understand numerical based on oxygen sag curve and to study effects of industrial wastes on self-purification of streams. Identify, assemble and evaluate information and resources to study the significance of the parameters of Streeter and Phelp's equation and BOD equations.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	7	5
4- Mostly	45	35
5- Definitely	77	60
Total	129	100



**CO4: Identify existing processes/solution, general treatment methods of industrial wastes to solve the problems of industrial wastewater and sludge treatment and disposal.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	7	5
4- Mostly	42	33
5- Definitely	79	61
Total	129	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

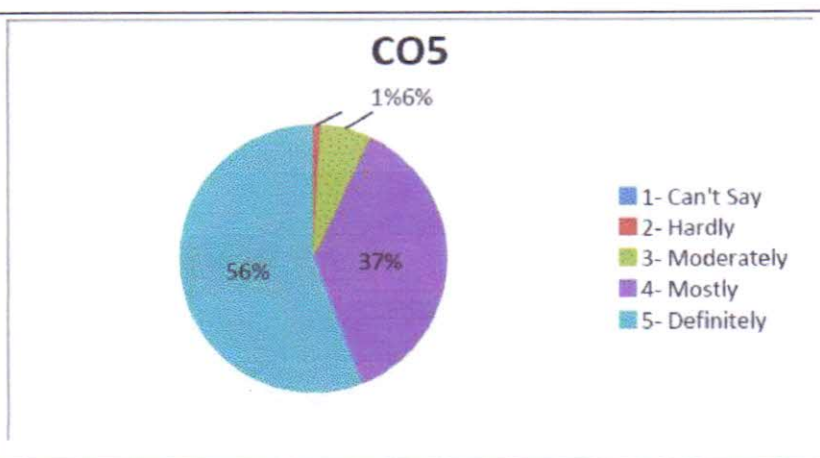
**Course Exit Analysis Report (SEM VIII)**

**Subject – Industrial Waste Treatment**

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

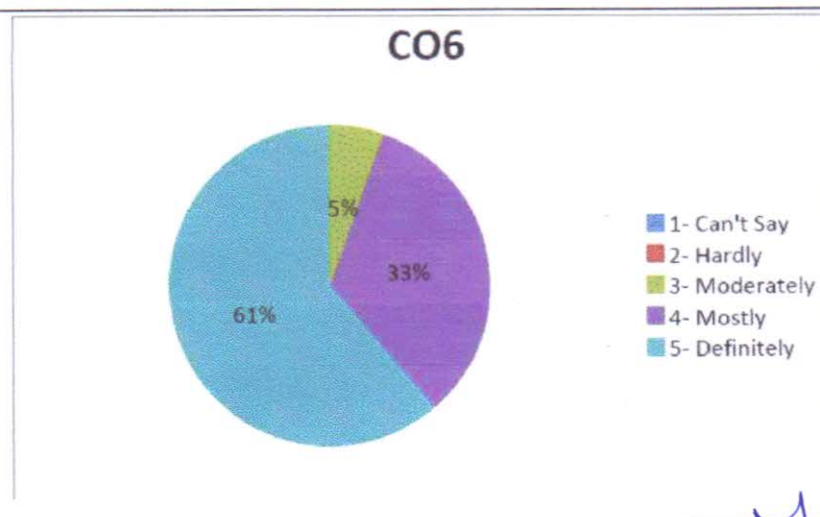
**CO5: Identify existing processes/solution methods for solving the problem of treatment of wastewater which are generated from various manufacturing processes in Industries.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	1
3- Moderately	8	6
4- Mostly	48	37
5- Definitely	72	56
Total	129	100



**CO6: Identify and describe various engineering roles relevant to the study of location, need, operation & maintenance problems of CETP; particularly as pertains to protection of the public and public interest at the global, regional and local level. Apply principles of preventive engineering and sustainable development to an engineering activity or product by detailed study of EIA and EA.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	7	5
4- Mostly	43	33
5- Definitely	79	61
Total	129	100



*Robray*  
HOD (Civil)

**HEAD OF DEPARTMENT  
CIVIL ENGINEERING  
SARASWATI COLLEGE OF  
ENGINEERING**

*Principal*  
Principal (SCOE)  
**PRINCIPAL**

**Saraswati College of Engineering  
Kharghar, Navi Mumbai-410210**



**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

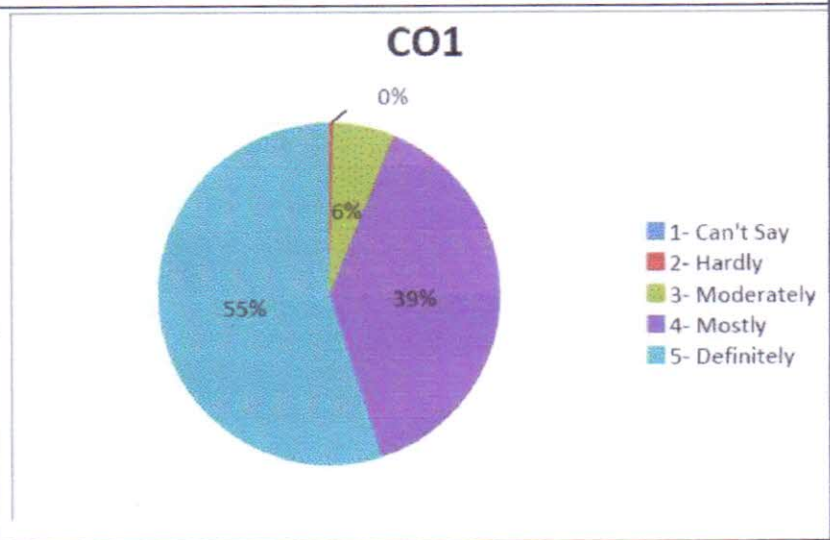
**Course Exit Analysis Report (SEM VIII)**

**Subject – Construction Management**

**Subject Teacher - Prof. Molly Mathew / Prof. Deepali Phadataré**

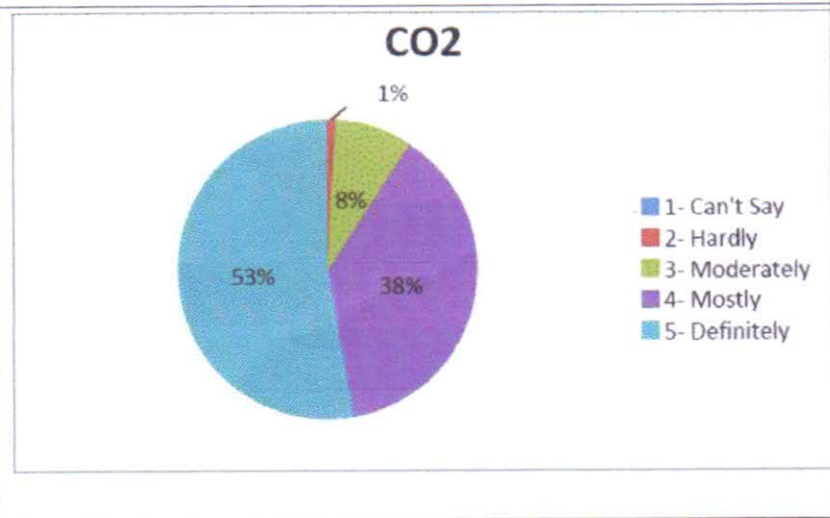
**CO1: Understand & apply the knowledge of management functions like planning, scheduling, executing & controlling the construction projects.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	1	0
3- Moderately	13	6
4- Mostly	89	39
5- Definitely	125	55
Total	228	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	0	0
2- Hardly	2	1
3- Moderately	19	8
4- Mostly	87	38
5- Definitely	120	53
Total	228	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

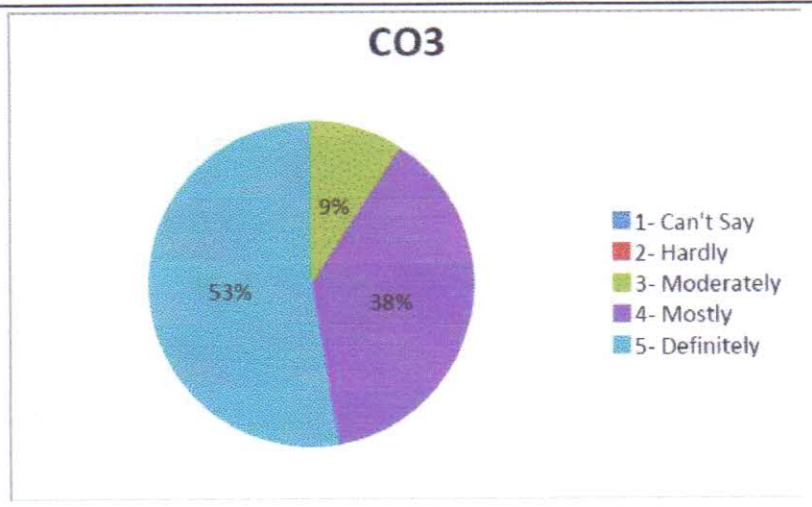
**Course Exit Analysis Report (SEM VIII)**

**Subject – Construction Management**

**Subject Teacher - Prof. Molly Mathew / Prof. Deepali Phadatare**

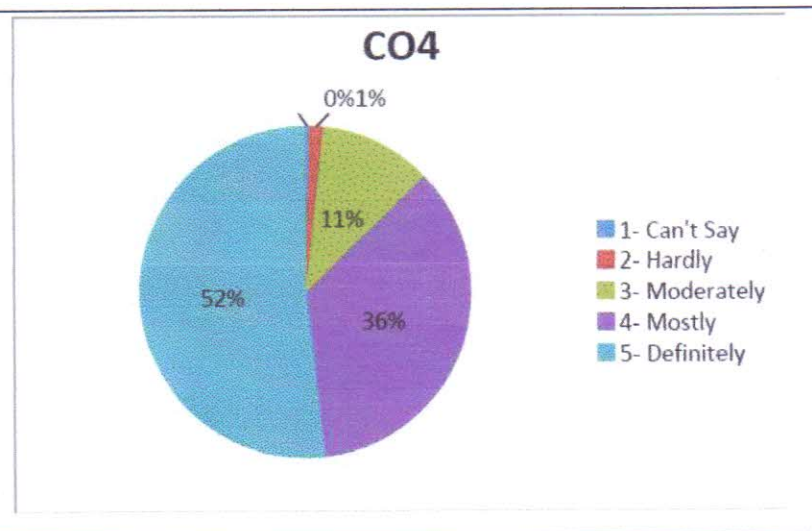
**CO3: Construct feasible project schedule by using scheduling techniques like CPM and PERT and evaluate the critical path in the network.**

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	21	9
4- Mostly	87	38
5- Definitely	120	53
Total	228	100



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

Score	No. of students	Percentage (%)
1- Can't Say	1	0
2- Hardly	3	1
3- Moderately	25	11
4- Mostly	81	36
5- Definitely	118	52
Total	228	100





**Department of Civil Engineering**

**Academic Year: 2020-21 (Even)**

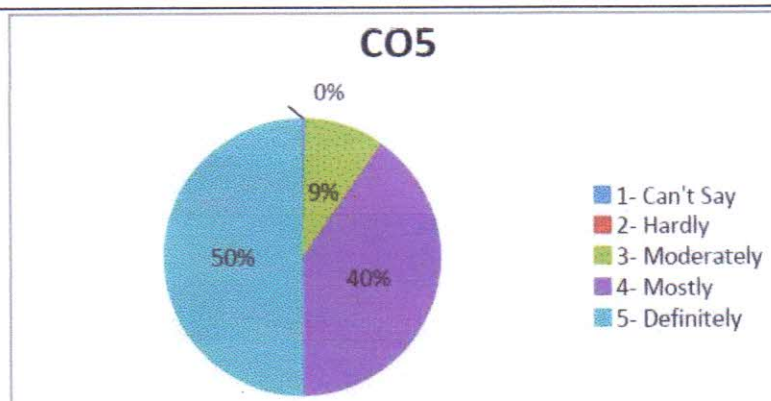
**Course Exit Analysis Report (SEM VIII)**

**Subject – Construction Management**

**Subject Teacher - Prof. Molly Mathew / Prof. Deepali Phadatare**

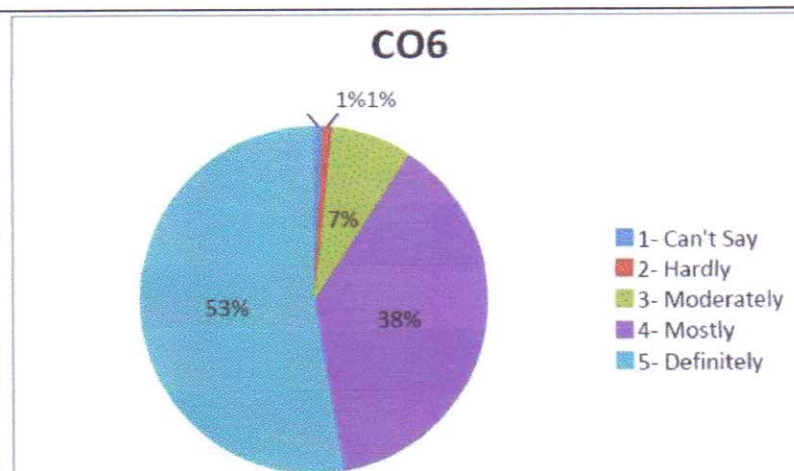
**CO5: Analyze the given network and determine an optimum time cost optimization curve.**

Score	No. of students	Percentage (%)
1- Can't Say	1	0
2- Hardly	0	0
3- Moderately	21	9
4- Mostly	92	40
5- Definitely	114	50
Total	228	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 students	Percentage (%)
1- Can't Say	2	1
2- Hardly	2	1
3- Moderately	17	7
4- Mostly	87	38
5- Definitely	120	53
Total	228	100



*Robina*

HOD (Civil)

**HEAD OF DEPARTMENT  
CIVIL ENGINEERING  
SARASWATI COLLEGE OF  
ENGINEERING**

*04*

Principal (SCOE)

**PRINCIPAL**

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students**  
**Academic year 2020-21 EVEN**

**Summary of feedback - Semester 8:**

Feedbacks collected from students are analyzed and implemented necessary actions for preparing the students to cope up with the present requirements in Industry. Abstract of suggestions obtained to enhance the employability of the student are discussed below.

- Need awareness about the latest technologies and practices in industry.
- Need experience on Civil engineering software related core subjects in curriculum.
- Need more exposure towards design of infrastructure. Roads, Bridges, Airports etc

**Action Taken:**

Based on suggestions received to bridge the gap between the curriculum and the current industrial practices, various events are organized. Events are selected such that it will be beneficial for their career as a 'Civil Engineer'. Details of events organized at Institutional and Department level are mentioned below.

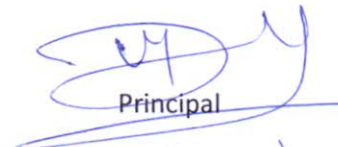
Sl no.	Suggestions	Action taken	Date
1	Career Guidance	Scope of Civil Engineers in Oil and Petroleum Industry.	11/02/2021

2	Latest technologies and practices in industry	Webinar on Industrial wastewater treatment: Challenges and solution	25/02/2021
3	Need more exposure towards design & construction of infrastructure	Webinar on Civil Engineering & Infrastructure Development	22/03/2021
4	More about project-based learning	IEEE Paper Writing Webinar	15/03/2021

  
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Civil Engg. Dept.

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Principal  
SCOE

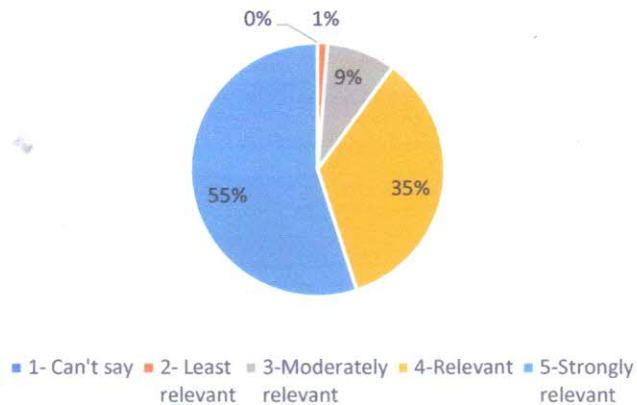
**PRINCIPAL  
Saraswati College of Engineering  
Kharghar, Navi Mumbai-410210**





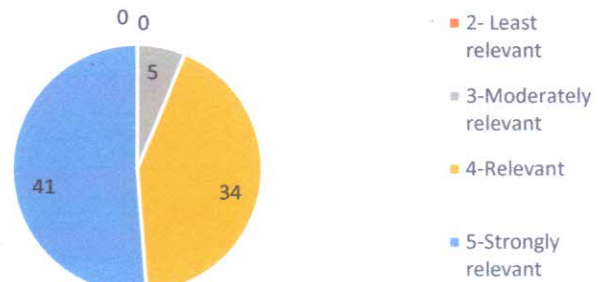
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	1	1%
3-Moderately relevant	7	9%
4-Relevant	28	35%
5-Strongly relevant	44	55%
Total	80	100%

**PO 1-** Apply concepts of Mathematics and computing in solving Civil Engineering problems



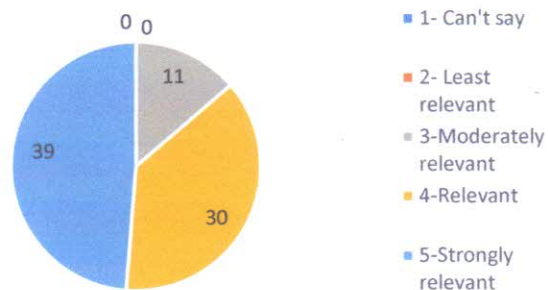
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	5	6%
4-Relevant	34	43%
5-Strongly relevant	41	51%
Total	80	100%

**PO2--** Identify, formulate Apply concepts of Mathematics and computing in solving Civil Engineering problems and analyse Civil Engineering problems and derive solution using concepts of mathematics, natural Science & engineering science



Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3-Moderately relevant	11	14%
4-Relevant	30	38%
5-Strongly relevant	39	49%
Total	80	100%

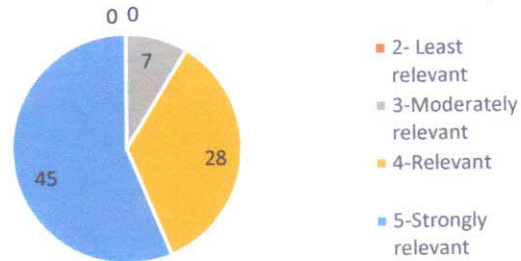
**PO3--** Apply appropriate solution to Complex Civil Engineering problems leading to valid conclusion





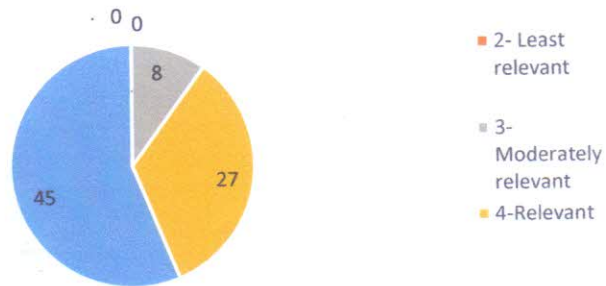
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	7	9%
4-Relevant	28	35%
5-Strongly relevant	45	56%
Total	80	100%

**PO4 --** Design a Civil Engineering System, components, process to meet specified needs with appropriate attention to health, safety standards, environmental and societal considerations



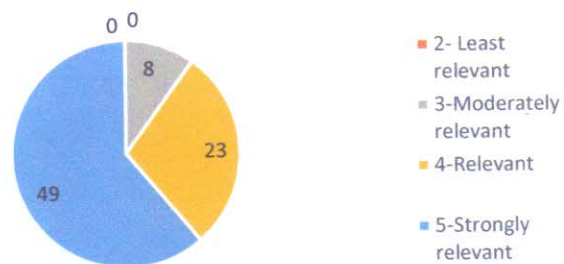
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	8	10%
4-Relevant	27	34%
5-Strongly relevant	45	56%
Total	80	100%

**PO5--** Create, select and apply appropriate techniques, resources and advanced engineering and software tools to analyse and design Civil Engineering Problems



Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3-Moderately relevant	8	10%
4-Relevant	23	29%
5-Strongly relevant	49	61%
Total	80	100%

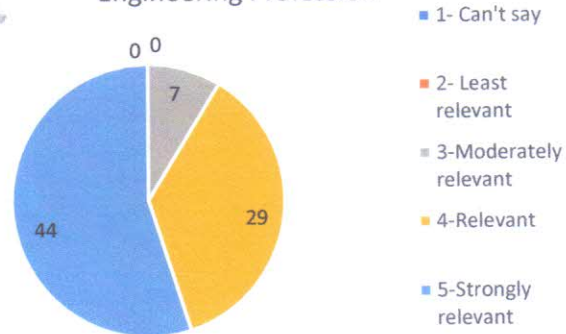
**PO6--** Understand the impact of Civil Engineering solution on society and environment for sustainable development





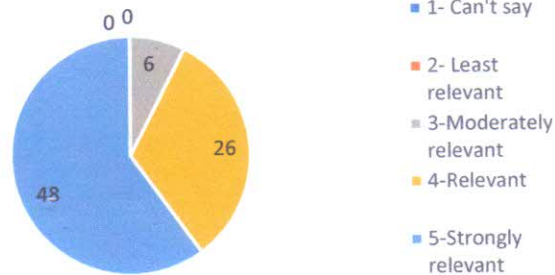
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	7	9%
4-Relevant	29	36%
5-Strongly relevant	44	55%
<b>Total</b>	<b>80</b>	<b>100%</b>

**PO 7--Understand Societal, health, Safety, cultural, Legal issues and Responsibilities relevant to Engineering Profession**



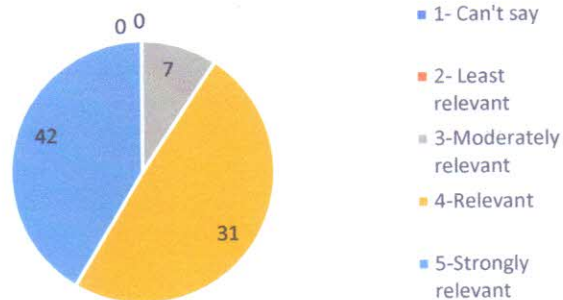
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	6	8%
4-Relevant	26	33%
5-Strongly relevant	48	60%
<b>Total</b>	<b>80</b>	<b>100%</b>

**PO8--- Apply Professional ethics, accountability and equity in Engineering Profession**



Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3-Moderately relevant	7	9%
4-Relevant	31	46%
5-Strongly relevant	42	39%

**PO9-- Work Effectively as a member and leader in multidisciplinary team for a common goal**

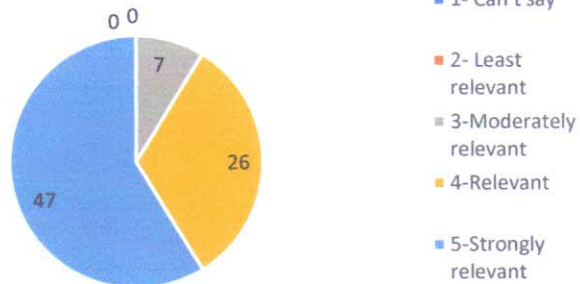




Total	75	100%
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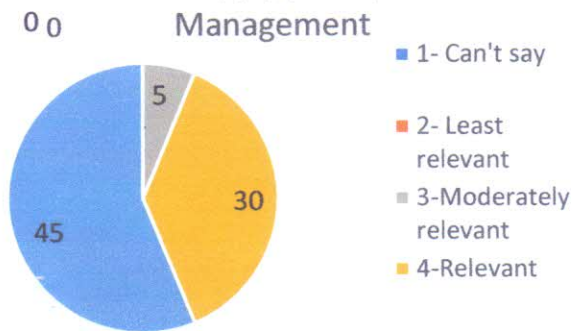
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3-Moderately relevant	7	9%
4-Relevant	26	33%
5-Strongly relevant	47	59%
<b>Total</b>	<b>80</b>	<b>100%</b>

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



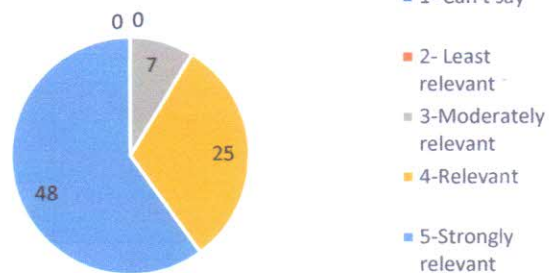
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3-Moderately relevant	5	6%
4-Relevant	30	38%
5-Strongly relevant	45	56%
<b>Total</b>	<b>80</b>	<b>100%</b>

**PO11--- Apply principles of Management**



Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3-Moderately relevant	7	9%
4-Relevant	25	31%
5-Strongly relevant	48	60%
<b>Total</b>	<b>80</b>	<b>100%</b>

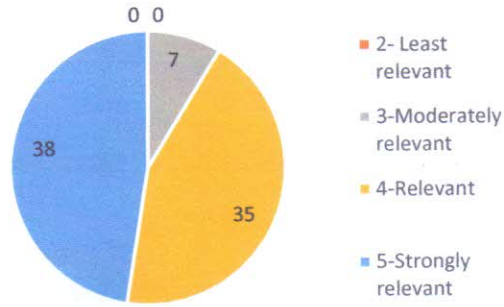
**PO12--- Identify educational needs and engage in lifelong learning**





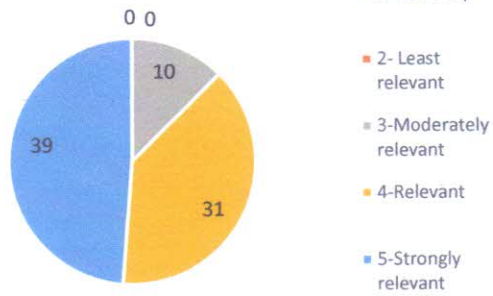
Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	7	9%
4-Relevant	35	44%
5-Strongly relevant	38	48%
<b>Total</b>	<b>80</b>	<b>100%</b>

**PSO 1**-- Are you able to Formulate and analyse complex engineering problems in Civil engineering (Structural, Environmental, Water Resources, Transportation and Geotechnical Engineering)



Score	No. of students	Percentage
1- Can't say	0	0%
2- Least relevant	0	0%
3- Moderately relevant	10	13%
4-Relevant	31	39%
5-Strongly relevant	39	49%
<b>Total</b>	<b>80</b>	<b>100%</b>

**PSO 2**-- Are you able to plan and develop efficient, efficient safe, sustainable and cost-effective high-rise structures, bridges, expressways, offshore structures and dams using modern construction tools and techniques ethically?



*Rohit*  
**HOD**  
**Civil Engg.**

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Action taken based on feedback from students**  
**Academic year 2020-21**

**Summary of feedback received from students through program exit forms**

Based on the feedback collected from students in the program exit form, following observations were found.

1. Include site visits for most of the subjects
2. Software applications should be taught for most of the subjects
3. Expert seminars required from the experienced people in that area
4. Visualize some of the processes and mechanics using different visual aids
5. Transportation Engineering syllabus and Water resource engineering syllabus were vast.

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**DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2020-21**

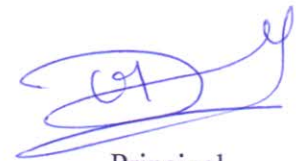
**Summary of feedback received from students through program exit forms**

Based on the feedback collected from students in the program exit form, following observations were found.

- 1) Discussion regarding start-up ideas in Civil field should be done
- 2) Software trainings should be included under various subjects
- 3) Implementation of environment friendly methods on small scale should be included in Environmental Engineering.
- 4) Expert talks should be arranged for various subjects.

  
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