



Department of Mechanical Engineering

Academic Year: 2020-21

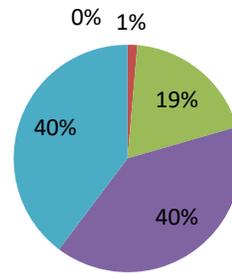
Course Exit Analysis Report (SEM IV)

Subject – Engineering Mathematics IV

Subject Teacher - Prof. Shirish Kulkarni

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	1.4
3- Moderately	14	19.2
4- Mostly	29	39.7
5- Definitely	29	39.7
Total	73	100

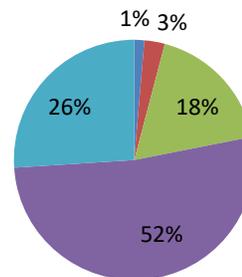
CO1: Have you understood concept of Vector calculus to evaluate line integrals, surface integrals using Green's theorem, Stoke's theorem & Gauss Divergence theorem



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1.4
2 - Hardly	2	2.7
3- Moderately	13	17.8
4- Mostly	38	52.1
5- Definitely	19	26
Total	73	100

CO 2: Have you understood the concepts of Complex Integration for , computing residues & evaluate various contour integrals.

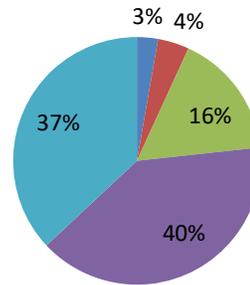


■ 1- Can't Say ■ 2 - Hardly ■ 3- Moderately ■ 4- Mostly ■ 5- Definitely



Score	No. of Students	Percentage (%)
1- Can't Say	2	2.7
2 - Hardly	3	4.1
3- Moderately	12	16.4
4- Mostly	29	39.7
5- Definitely	27	37
Total	73	100

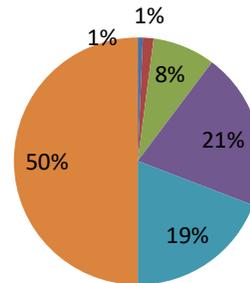
CO3: Are you able to understand the concept of Correlation, Regression and curve fitting to the engineering problems in data science.



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1.4
2 - Hardly	2	2.7
3- Moderately	12	16.4
4- Mostly	30	41.1
5- Definitely	28	38.4
Total	73	100

CO 4: Are you able to understand the concepts of probability and expectation for getting the spread of the data and distribution of probabilities.

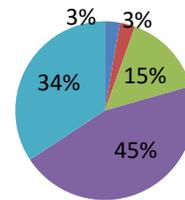


■ 1- Can't Say ■ 2 - Hardly ■ 3- Moderately
 ■ 4- Mostly ■ 5- Definitely ■ Total



Score	No. of Students	Percentage (%)
1- Can't Say	2	2.7
2 - Hardly	2	2.7
3- Moderately	11	15.1
4- Mostly	33	45.2
5- Definitely	25	34.2
Total	73	100

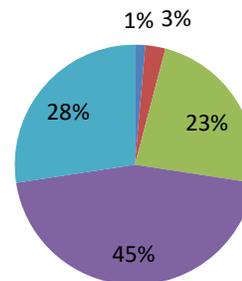
CO 5: Have you understood the concept of probability distribution to engineering problems & testing hypothesis of small samples using sampling theory



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1.4
2 - Hardly	2	2.7
3- Moderately	17	23.3
4- Mostly	33	45.2
5- Definitely	20	27.4
Total	73	100

CO 6: Are you able to the concepts of parametric and non parametric tests for analyzing practical problems



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



Department of Mechanical Engineering

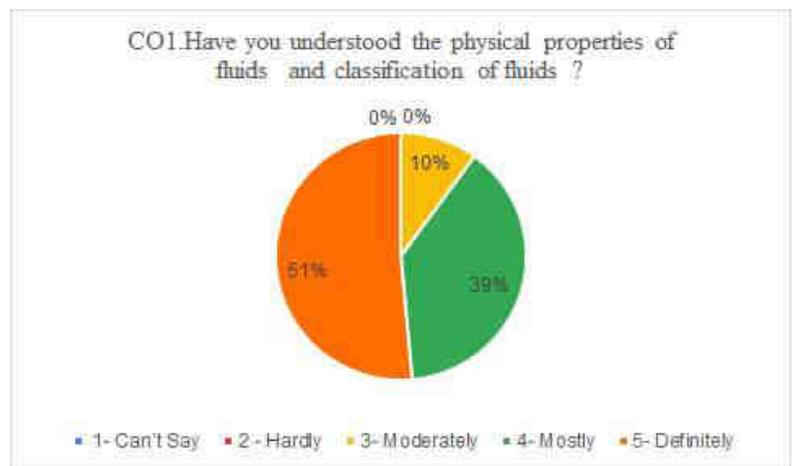
Academic Year: 2020-2021(ODD SEM)

Course Exit Analysis Report (Sem IV)

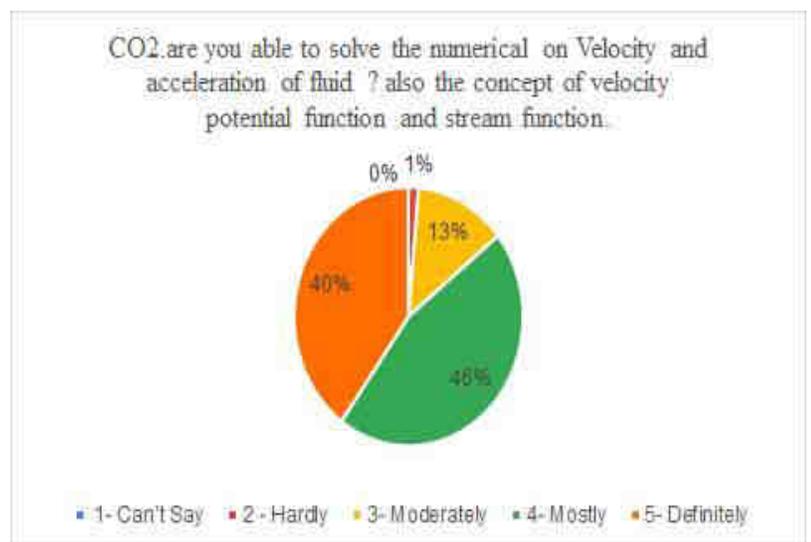
Subject: Fluid Mechanics

Subject In-charge: Prof. Sunil Jankar

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	7	10
4- Mostly	27	39
5- Definitely	36	51
Total	70	100

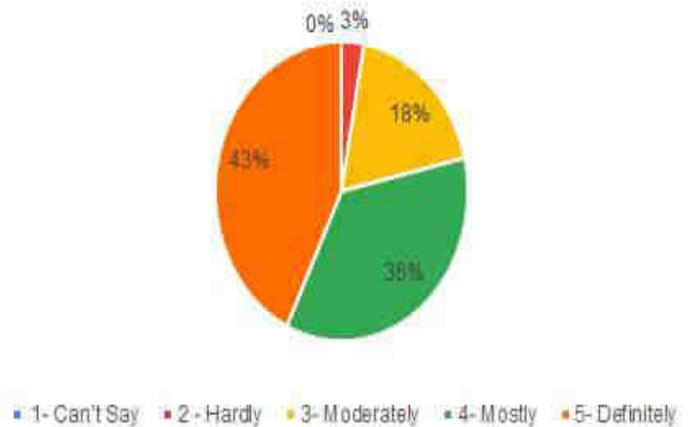


Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	1
3- Moderately	9	13
4- Mostly	32	46
5- Definitely	28	40
Total	70	100



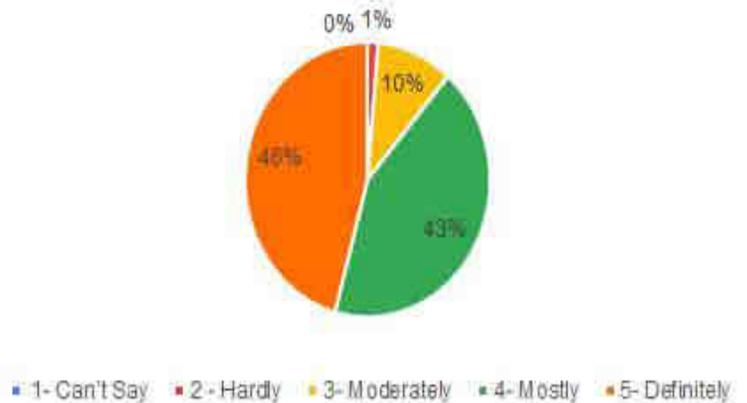
Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	2	3
3- Moderately	13	19
4- Mostly	25	36
5- Definitely	30	43
Total	70	100

CO3. are you able to understand Euler equation of motion and Bernoulli equation of motion ?



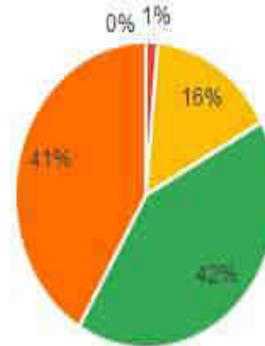
Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	1
3- Moderately	7	10
4- Mostly	30	43
5- Definitely	32	46
Total	70	100

CO4. are you able to understand the application of Bernoulli's equation to flow measuring device like Venturimeter, Orifice Meter and Pitot tube ?



Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	1
3- Moderately	11	16
4- Mostly	29	41
5- Definitely	29	41
Total	70	100

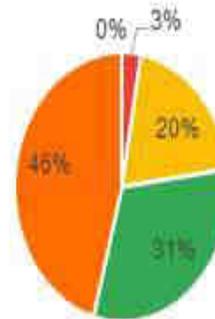
CO5. are you able to understand the concept of Major losses and Minor losses in pipes ?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	2	3
3- Moderately	14	20
4- Mostly	22	31
5- Definitely	32	46
Total	70	100

CO6. are you able to understand basic concept of Boundary layer formation and able to solve numerical on Boundary layer thickness like Displacement thickness, Momentum



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



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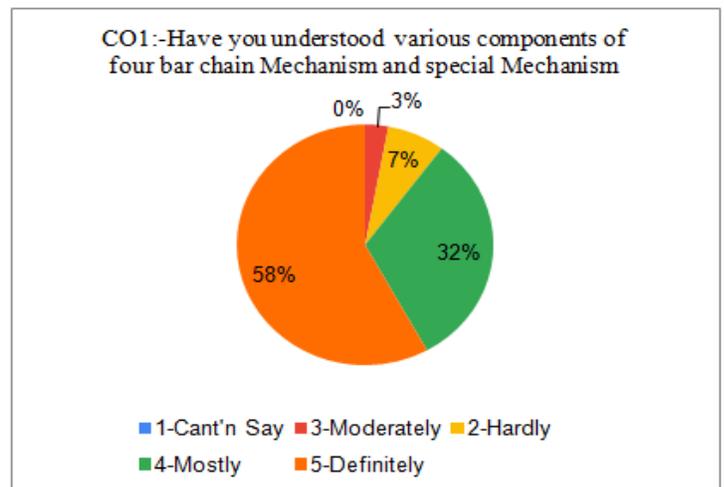
Department of Mechanical Engineering

Academic Year: - 2020-2021 (EVEN SEM)

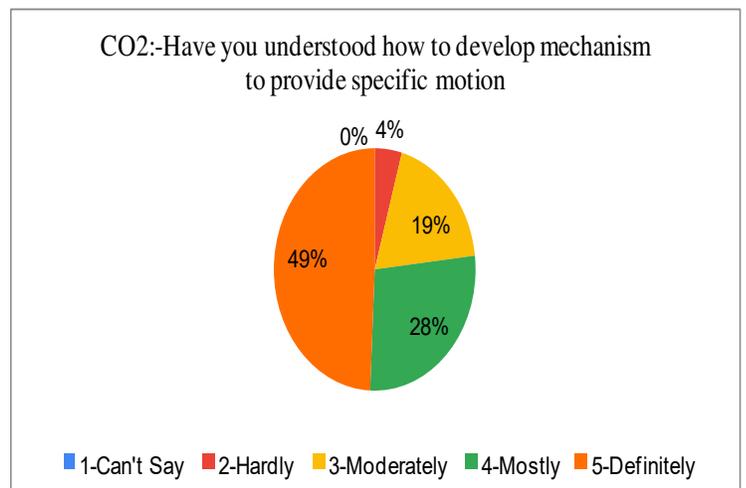
Subject: - Kinematics of Machinery (Sem:- IV)

Subject In charge:- Pof.Pramod M Meshmukh

Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	2	3%
3-Moderately	5	7%
4-Mostly	22	32%
5-Definitely	40	58%
Total	69	

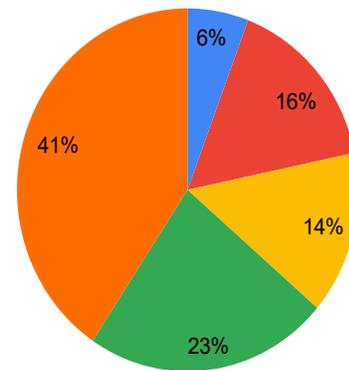


Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	3	4%
3-Moderately	13	19%
4-Mostly	19	28%
5-Definitely	34	49%
Total	69	



Score	No of Students	Percentage
1-Can't Say	4	6%
2-Hardly	11	16%
3-Moderately	10	14%
4-Mostly	16	23%
5-Definitely	28	41%
Total	69	

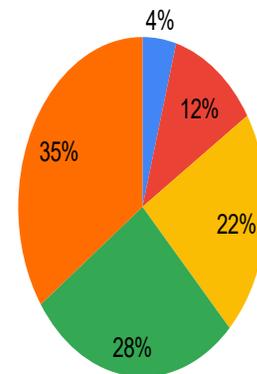
CO3:-Are you be able to select appropriate power transmission for specific application



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

Score	No of Students	Percentage
1-Can't Say	3	4%
2-Hardly	8	12%
3-Moderately	15	22%
4-Mostly	19	28%
5-Definitely	24	35%
Total	69	

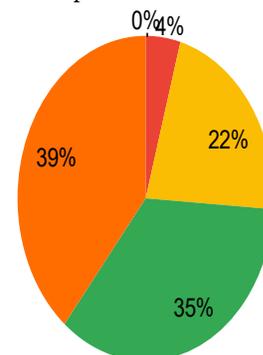
CO4:-Have you understood how to draw velocity acceleration diagram of various mechanism



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

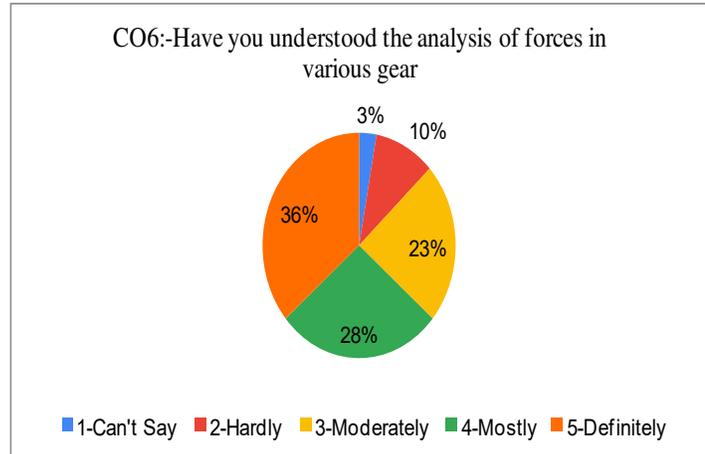
Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	3	4%
3-Moderately	15	22%
4-Mostly	24	35%
5-Definitely	27	39%
Total	69	

CO5:-Have you understood how to draw cam profile for the specific follower motion



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

Score	No of Students	Percentage
1-Can't Say	2	3%
2-Hardly	7	10%
3-Moderately	16	23%
4-Mostly	19	28%
5-Definitely	25	36%
Total	69	





Department of Mechanical Engineering

Academic Year: 2020-2021(EVEN SEM)

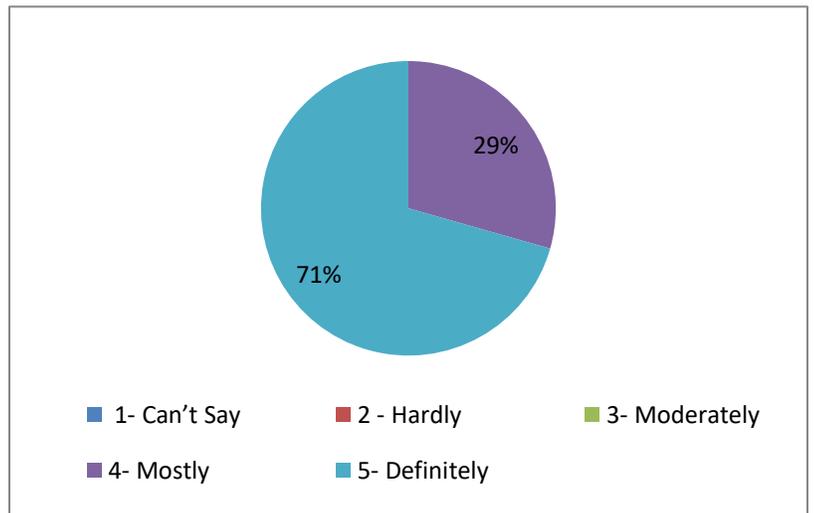
Course Exit Analysis Report (Sem III)

Subject: Strength of Materials

Subject In-charge: Prof. Sandeep B Jadhav

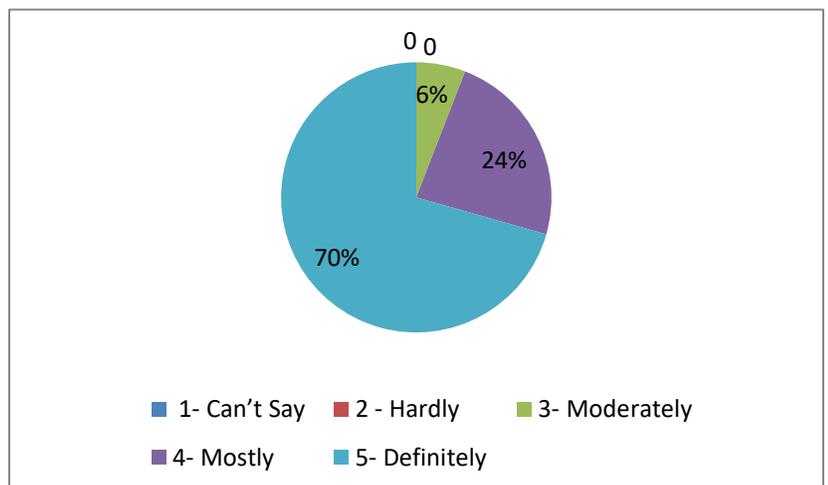
CO 1: Are you able to Analyse the Direct Tensile And Compressive stresses , Temlerature Stresses?

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	5	29
5- Definitely	12	71
Total	17	100



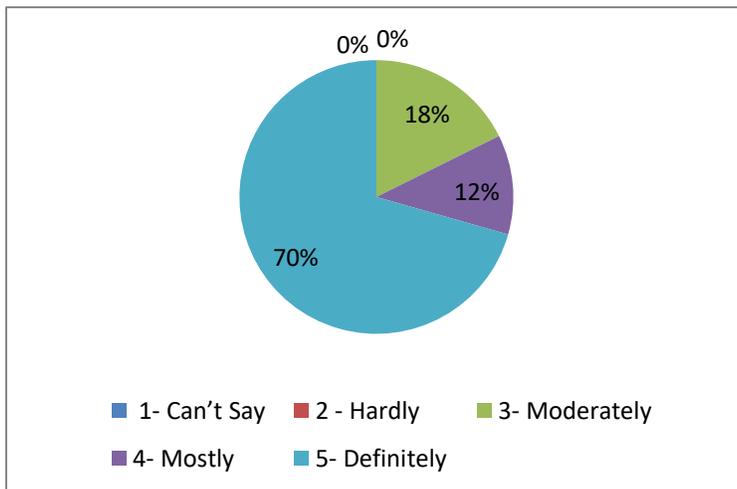
CO 2: Are you able to Anlyse the Shear Force and Bending Moment on different type beams and also are u able to draw the Required SFD , BMD and AFD?

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	6
4- Mostly	4	24
5- Definitely	12	70
Total	17	100



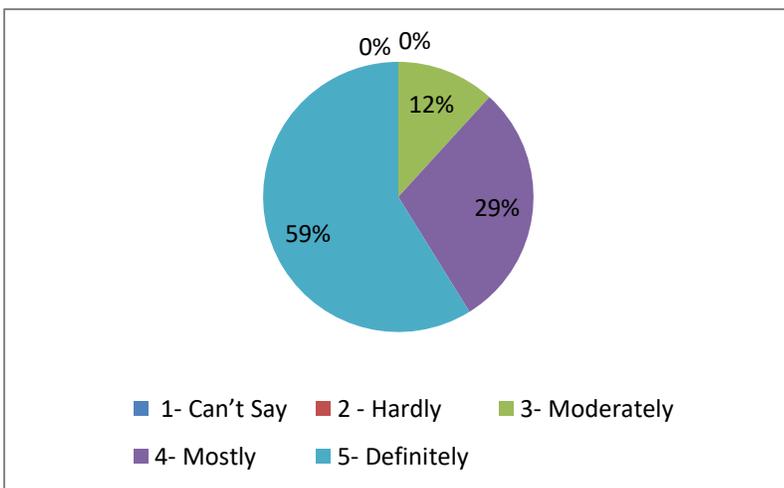
CO 3: Are you able to find the Bending stresses and Shearing Stress on the different type of Cross Section of the beams?

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	18
4- Mostly	2	12
5- Definitely	12	70
Total	17	100



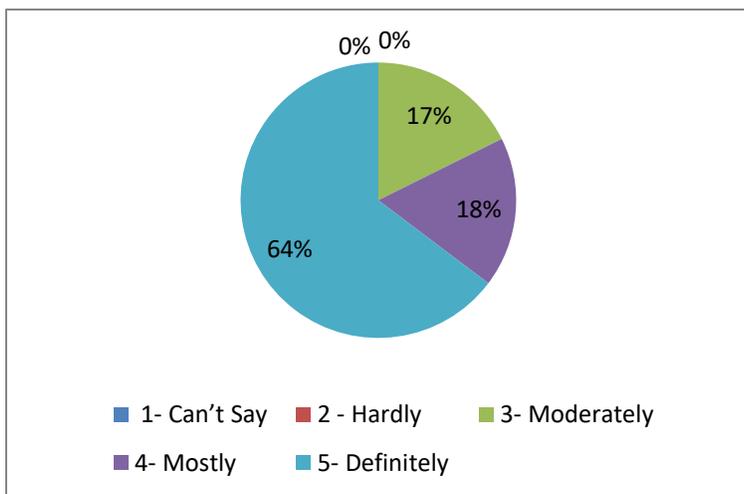
CO 4 : Are you able to Analyse the Torsion in Circular shaft and also the Strain Energy in different types of Loading conditions?

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	12
4- Mostly	5	29
5- Definitely	10	59
Total	17	100



CO 5: Are you able to Analyze Hoop's Stress , Longitudinal Stress, Maximum shear Stress and corresponding deformations in the thin cylindrical Shells?

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	18
4- Mostly	3	18
5- Definitely	11	64
Total	17	100



CO 6: Are you able to analyse the crippling load on the Long Columns with different end conditions?

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	6
4- Mostly	7	41
5- Definitely	9	53
Total	17	100

