



Department of Civil Engineering

Academic Year: 2017-18 (Odd)

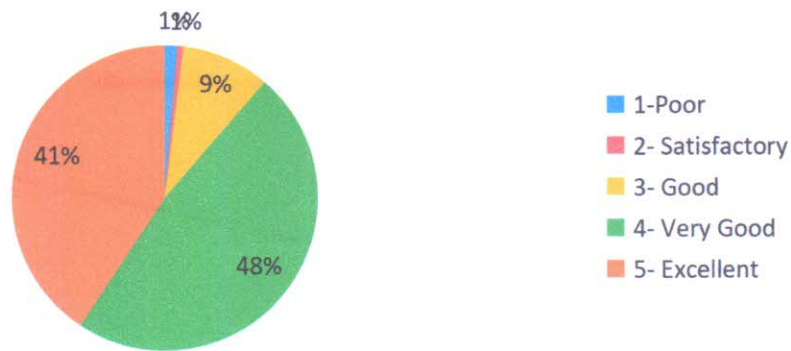
Course Exit Analysis Report (SEM III)

Subject – Surveying-I

Subject Teacher - Prof. Shanthi Selvam/ Racheal Gitty

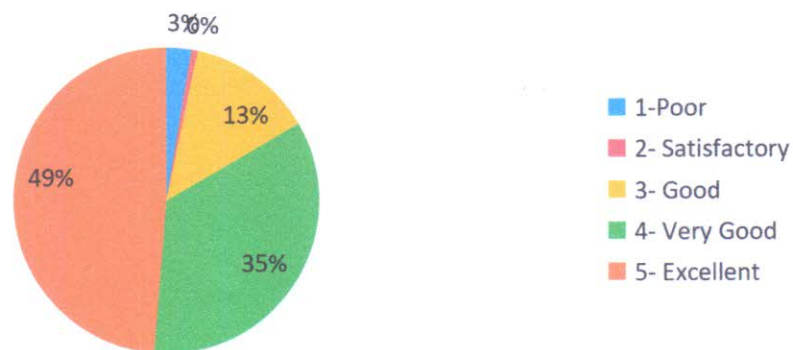
CO-1: Will you be able to apply principles of surveying and leveling for civil engineering works?

CO1



CO-2: Are you capable of measure vertical and horizontal distances, linear and angular dimensions to arrive at solutions to basic surveying problems?

CO2





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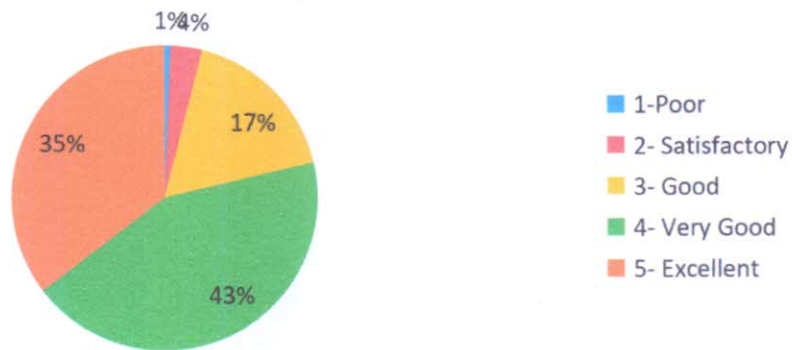
Course Exit Analysis Report (SEM III)

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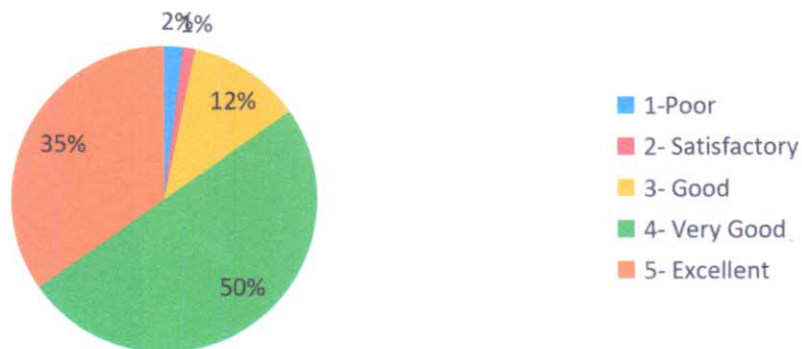
CO-3: Can you perform surveying projects like Road survey by using different surveying instruments?

CO3



CO-4: Have you learnt how to apply geometric principles for computing data and drawing plans and sections?

CO4





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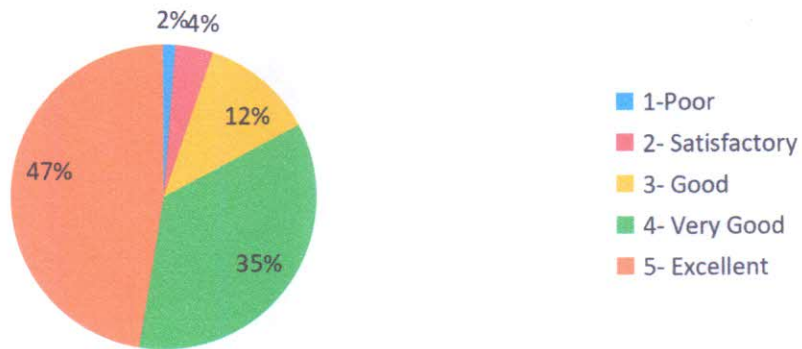
Course Exit Analysis Report (SEM III)

Subject – Surveying-I

Subject Teacher - Prof. Shanthi Selvam/ Racheal Gitty

CO-5: Have you understood how to analyze the obtained spatial data and compute areas and volumes and represent 3D data on plane surfaces (2D) as contour?

CO5



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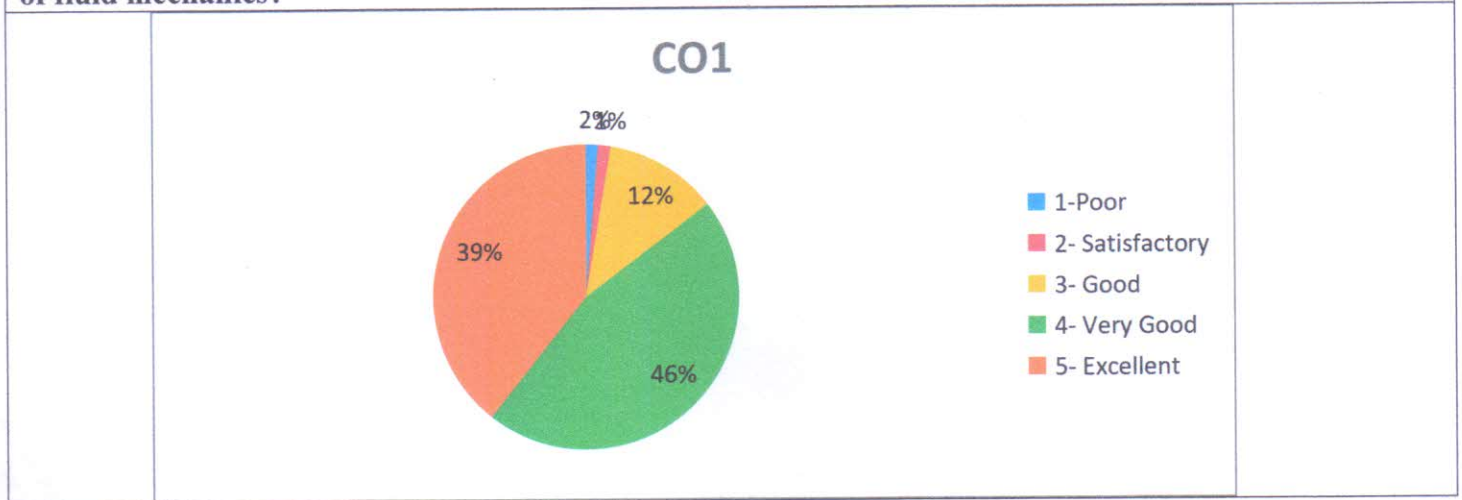
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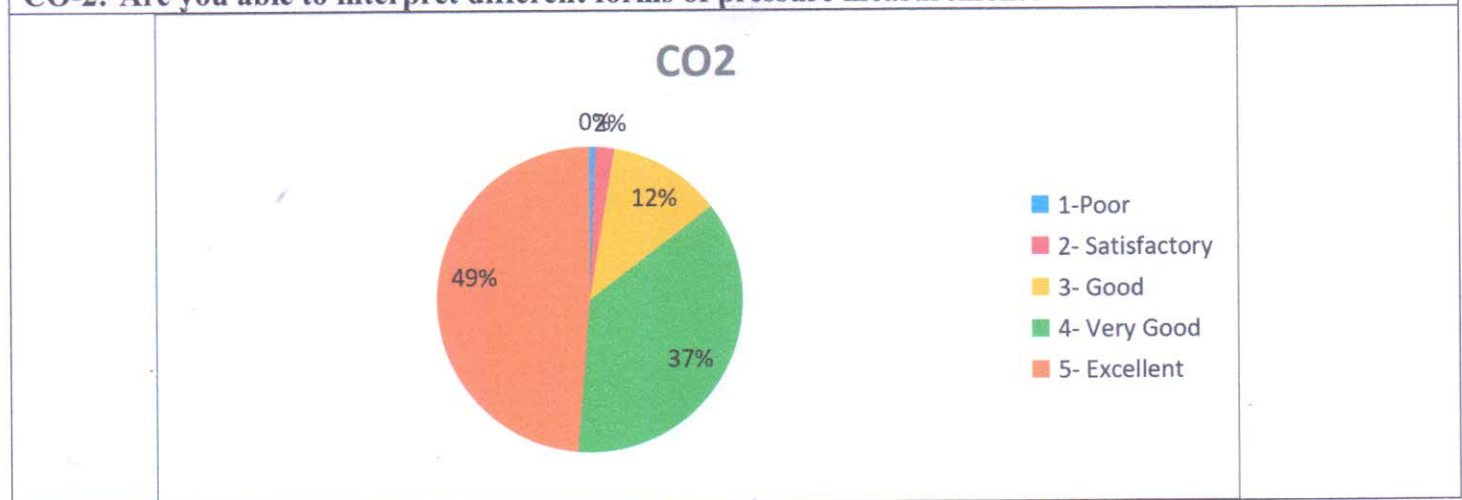
Subject – Fluid Mechanics- I

Subject Teacher - Prof. Upendra Mate/ Vaishali Kishan

CO-1: Have you understood the principles of fluids and the different types of laws and principles of fluid mechanics?



CO-2: Are you able to interpret different forms of pressure measurement?



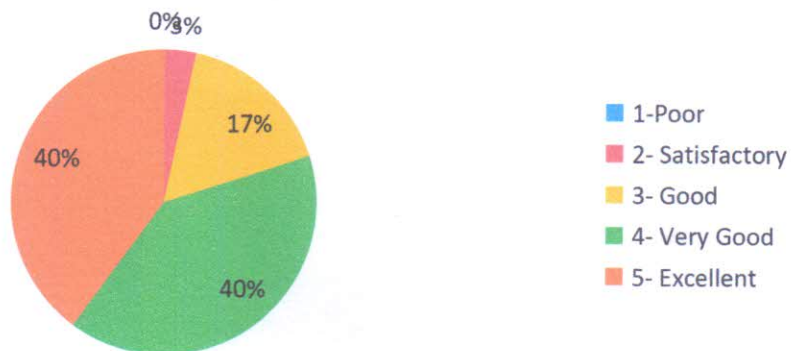


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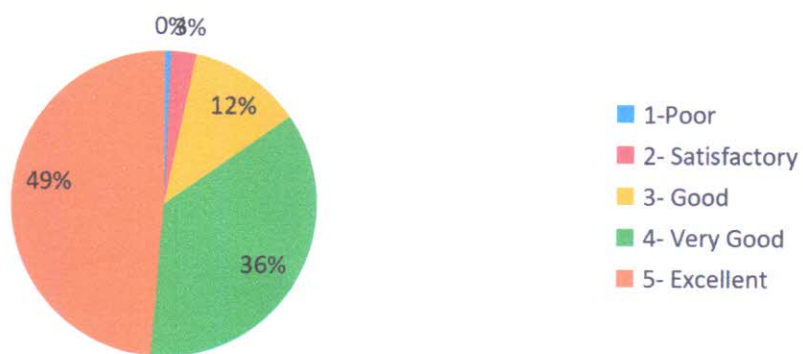
CO-3: Can you perform the analysis of stability of a floating body?

CO3



CO-4: Are you able to solve for velocity and acceleration of a fluid and can you distinguish velocity potential function and stream function?

CO4





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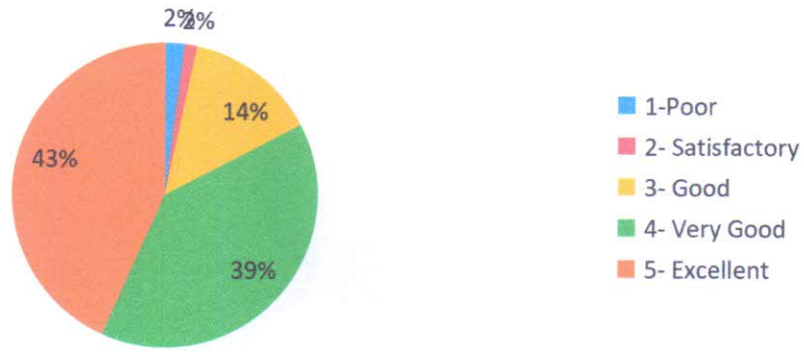
Course Exit Analysis Report (SEM III)

Subject – Fluid Mechanics- I

Subject Teacher - Prof. Upendra Mate/ Vaishali Kishan

CO-5: Have you understood how to measure velocity and rate of flow?

CO5



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DEPARTMENT OF CIVIL ENGINEERING
Action taken based on feedback from students
Academic year 2017 - 2018 ODD

Summary of feedback (Semester 3):

All students of Semester III had given feedbacks for all the subjects which were collected through course exit forms. Those feedbacks were analysed and necessary actions were planned for effective teaching. Some suggestions obtained from the students are as follows.

- Practise sessions for some topics of EM III are required.
- Need expert lecture for enhancing skills
- Require more practice for AutoCAD.
- Require industry and field exposure for better understanding.


Action Taken:

Based on suggestions, various actions are taken. Details of events organized at Institutional and Department level for betterment of student's career are mentioned below.

Sr. No.	Feedback / Suggestions	Actions Taken	Date
1	Practice sessions for some topics of EM III are required	Extra classes were taken for EM III and remedial class for the needy students	As required
2	Need expert lecture for enhancing skills	Arranged expert lecture on enhancing skills (IOT)	12/12/2017
3.	Require more practice for AutoCAD.	Additional lecture with hands on practice has been arranged	As required
4	Require industry and field exposure for better understanding.	Arranged industrial and site visits	As required


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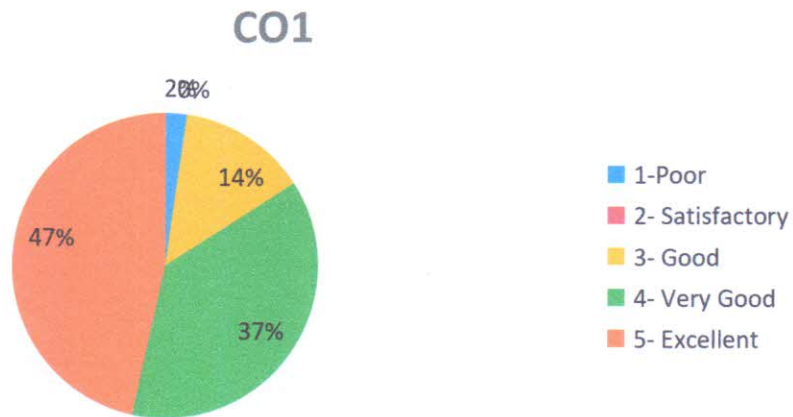
Academic Year: 2017-18 (Odd)

Course Exit Analysis Report (SEM VII)

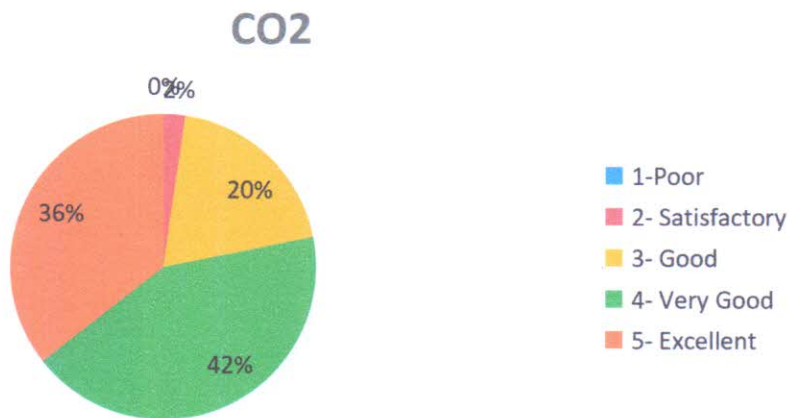
Subject – Quantity Survey, Estimation & Valuation

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam

CO-1: Will you able to estimate approximate cost of structures by using various methods?



CO-2: Are you capable of prepare detailed estimate of various civil Engineering structures by referring drawings. Also to assess the quantities of earthwork and construct mass haul diagram?





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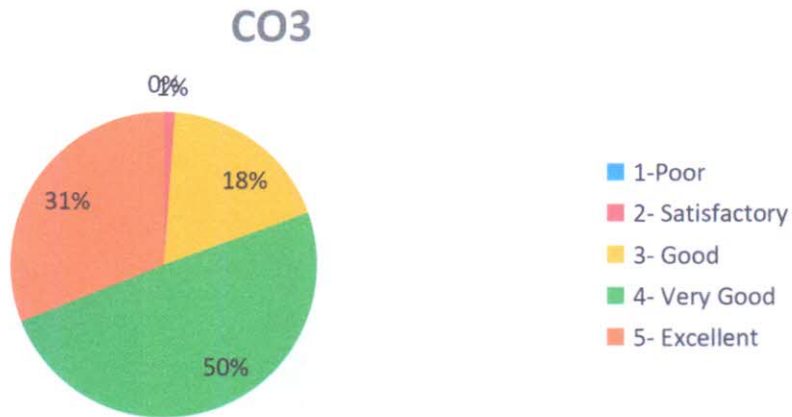
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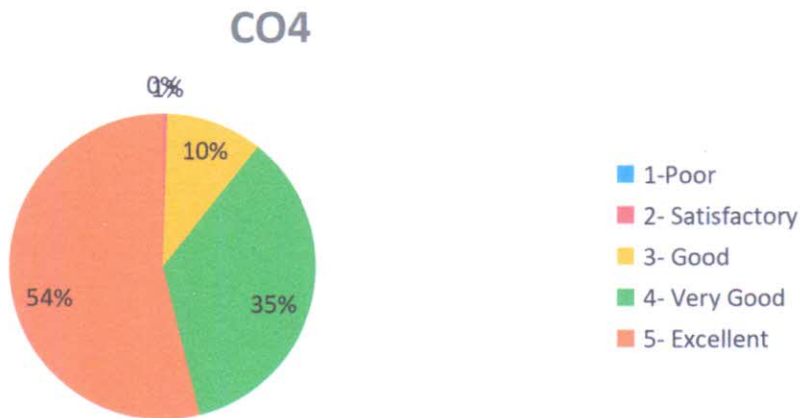
Subject – Quantity Survey, Estimation & Valuation

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam

CO-3: Can you draft the specifications of various items of works. Also, to prepare Bar Bending Schedule from the given structural drawing and to compute the total quantity of steel in the structure?



CO-4: Have you learnt how to determine or analyze unit rates of items of works.?





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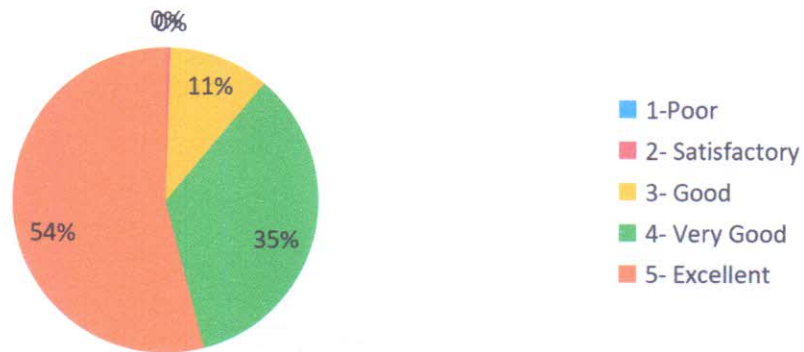
Course Exit Analysis Report (SEM VII)

Subject – Quantity Survey, Estimation & Valuation

Subject Teacher - Prof. Molly Mathew / Shanthi Selvam

CO-5: Have you understood how to draft tender notice and evaluate various bidding strategies and to familiarize types of contracts. Also to demonstrate and prepare valid contract documents. To discuss the different types of Dispute resolution methods and to appraise the owner according to the contact conditions?

CO5



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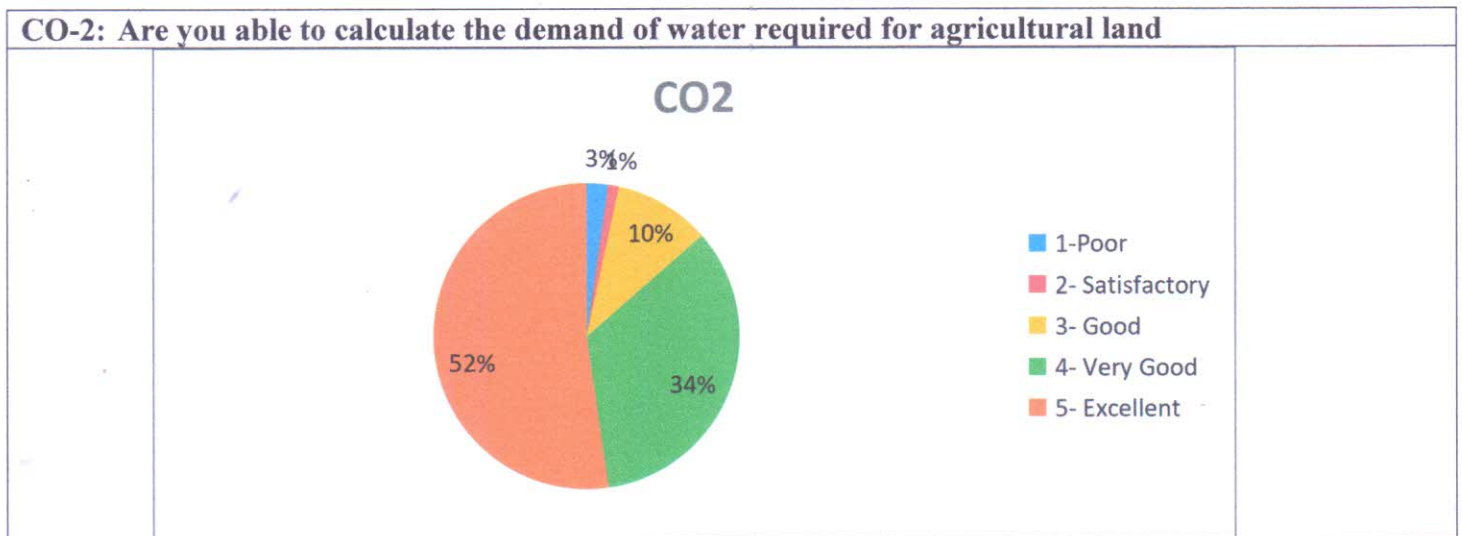
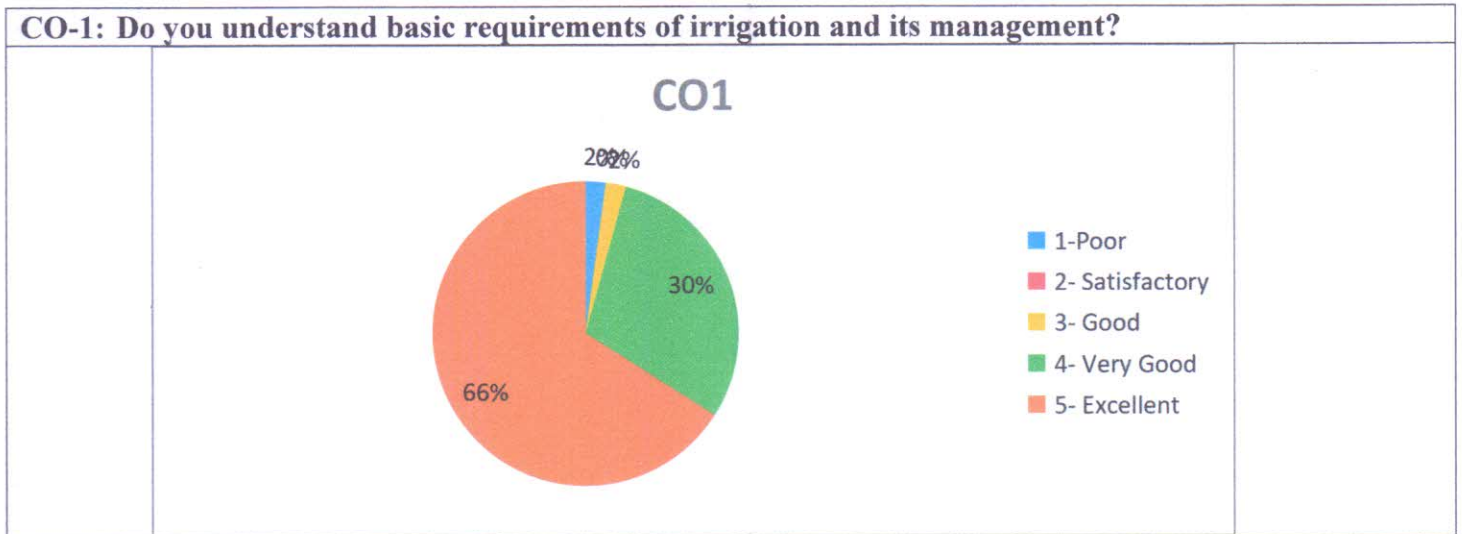
Department of Civil Engineering

Academic Year: 2017-18 (Odd)

Course Exit Analysis Report (SEM VII)

Subject – Irrigation Engineering - II

Subject Teacher – Prof. Rachel Gitty/Garima nagpal





Department of Civil Engineering

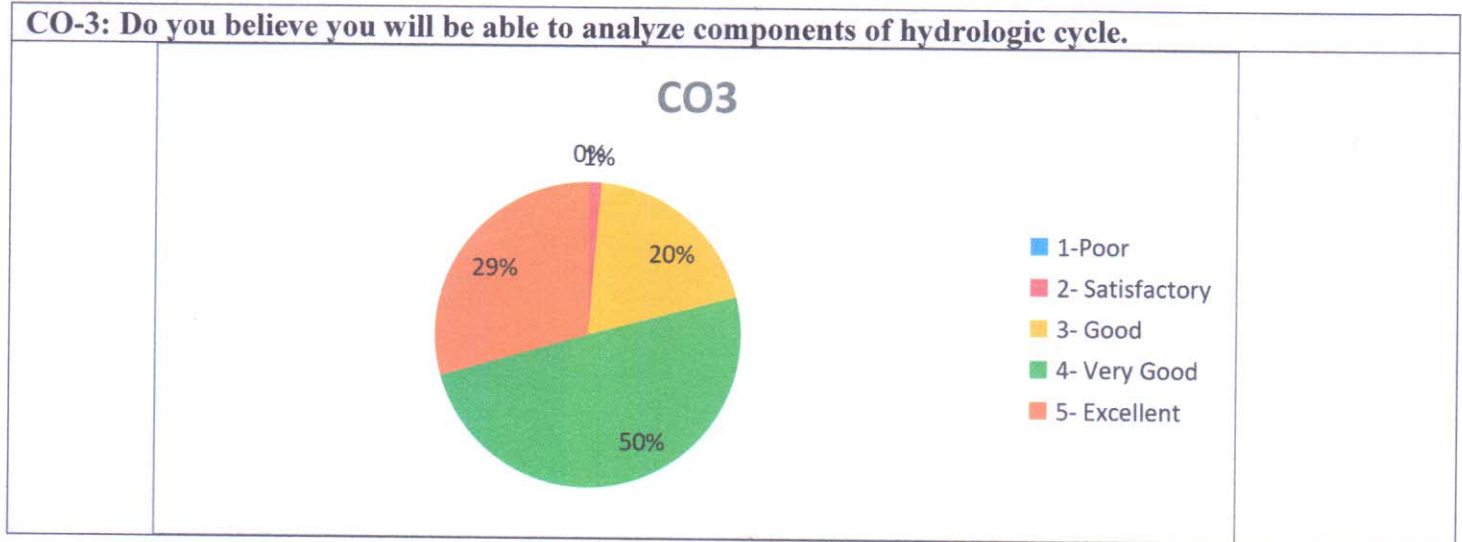
Academic Year: 2017-18 (Odd)

Course Exit Analysis Report (SEM VII)

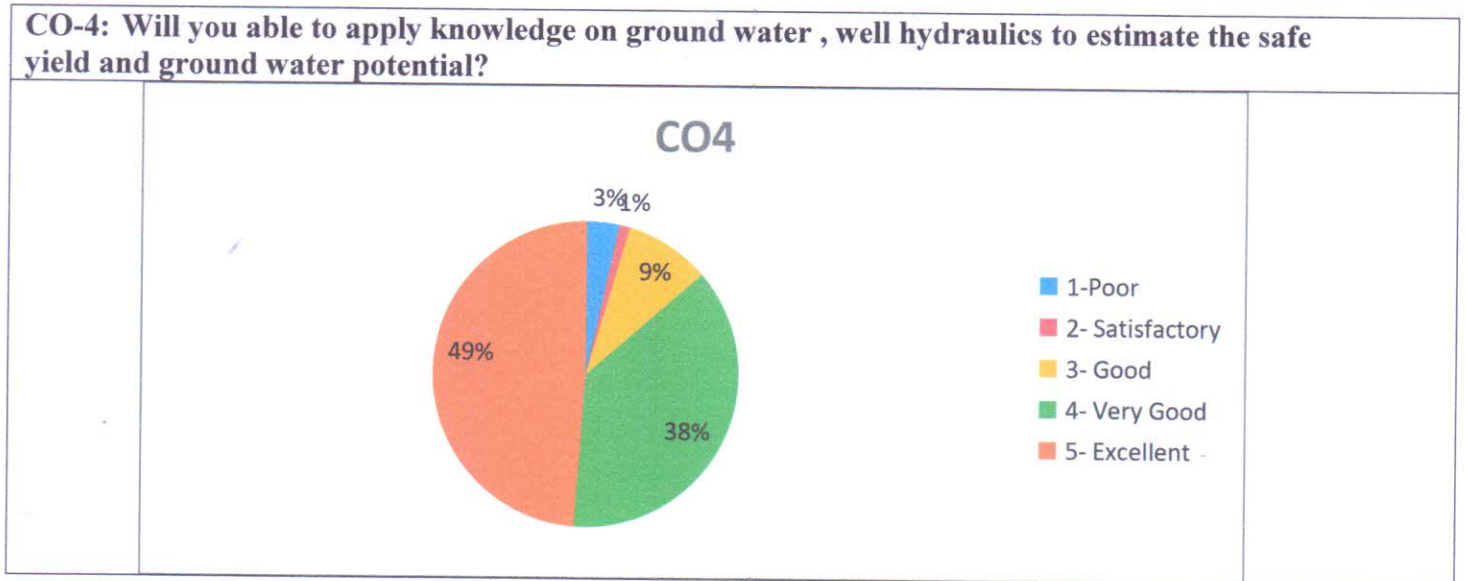
Subject – Irrigation Engineering - II

Subject Teacher – Prof. Rachel Gitty/Garima nagpal

CO-3: Do you believe you will be able to analyze components of hydrologic cycle.



CO-4: Will you able to apply knowledge on ground water , well hydraulics to estimate the safe yield and ground water potential?





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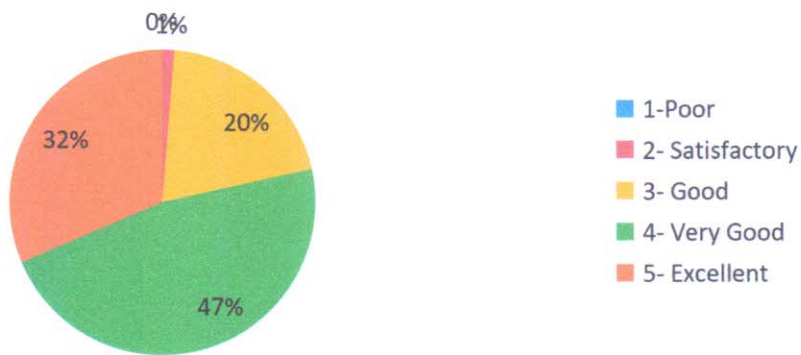
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Subject – Irrigation Engineering - II

Subject Teacher – Prof. Rachel Gitty/Garima nagpal

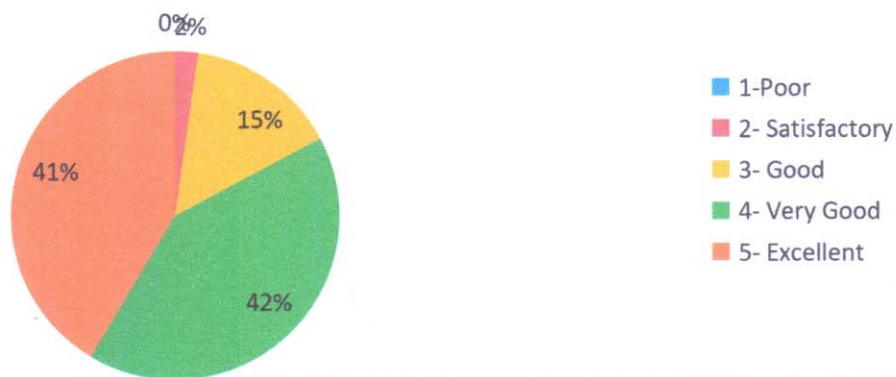
CO-5: Will you able to perform analysis and design of various irrigation systems including hydraulic structures.

CO5



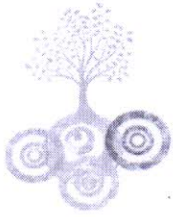
CO-6: Will you understand the basics of distribution systems , associated problems and remedies

CO6



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DEPARTMENT OF CIVIL ENGINEERING
Action taken based on feedback from students
Academic year 2016 - 2017 ODD

Summary of feedback (Semester 7):

Feedbacks of students were collected through course exit forms. These feedbacks were analysed and some actions were taken for solving the issues raised by students in their course exit forms. Some suggestions obtained from the students are as follows

- Revision lectures required for some topics of analysis and design of various elements of the reinforced concrete structures
- Need more practice for GATE
- Require more expert lecture to understand the various civil engineering activities.
- Require more co-curricular activities

Action Taken:

Based on suggestions, various actions are taken. Details of events organized at Institutional and Department level for betterment of student's career are mentioned below.

Sr. No.	Feedback / Suggestions	Actions Taken	Date
1	Revision lectures required for some topics of analysis and design of various elements of the reinforced concrete structures	Extra classes were taken for design of beams, slabs and columns	As required
2	Need more practice for GATE	Arranged classes for GATE and other aptitude tests.	As required
3.	Require more expert lecture to understand the various construction activities	Organised workshop with experts from construction field.	19/12/2016 to 23/12/2016
4	Require more co curricular activities	To understand the importance of rain water harvesting and	As required

		water quality as mini projects	
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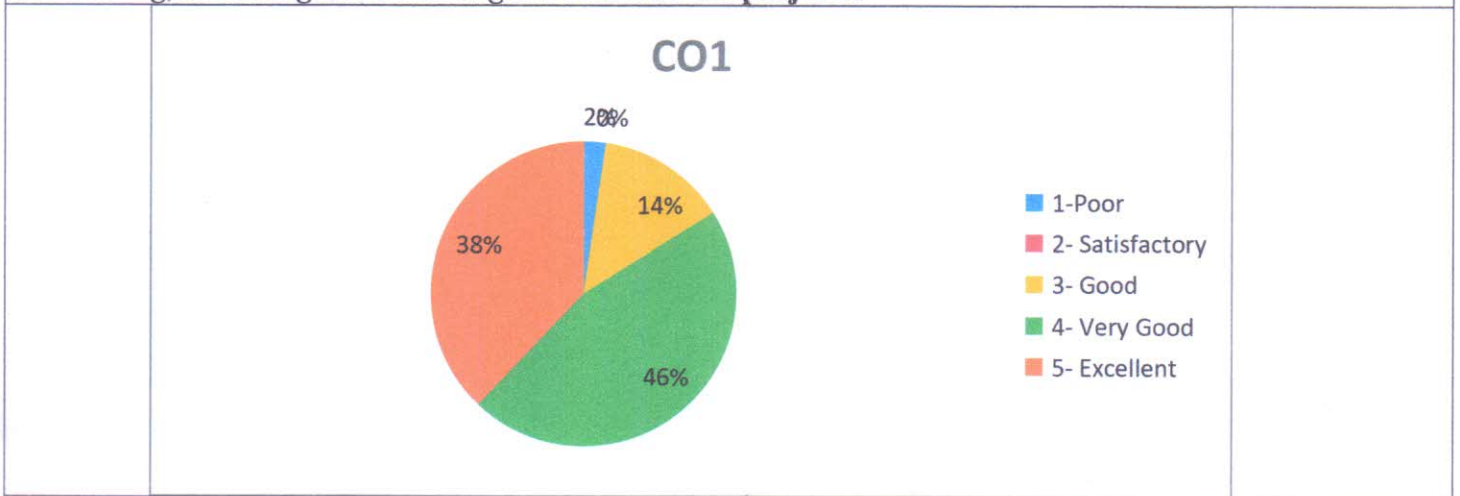
Academic Year: 2017-18 (Even)

Course Exit Analysis Report (SEM VIII)

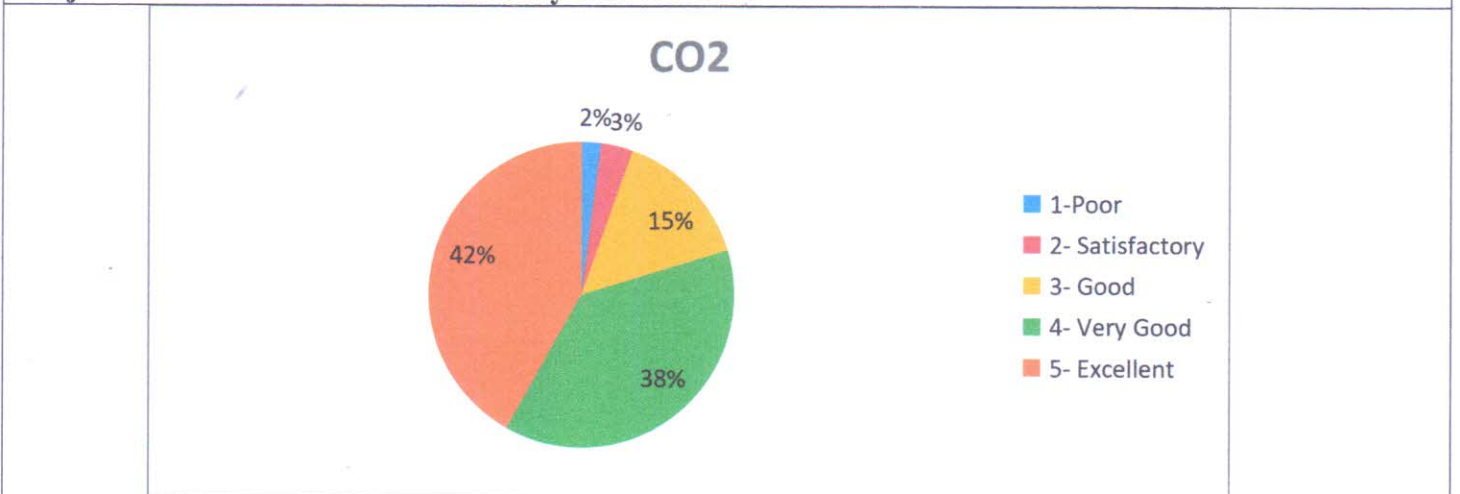
Subject – Construction Management

Subject Teacher - Prof. Molly Mathew/ Shanthi Selvam

CO-1: Do you understand & can apply the knowledge of management functions like planning, scheduling, executing & controlling the construction projects?



CO-2: Are you able to discover the importance of construction Industry, classify the construction Projects and decide how to select the lay -out of a site?





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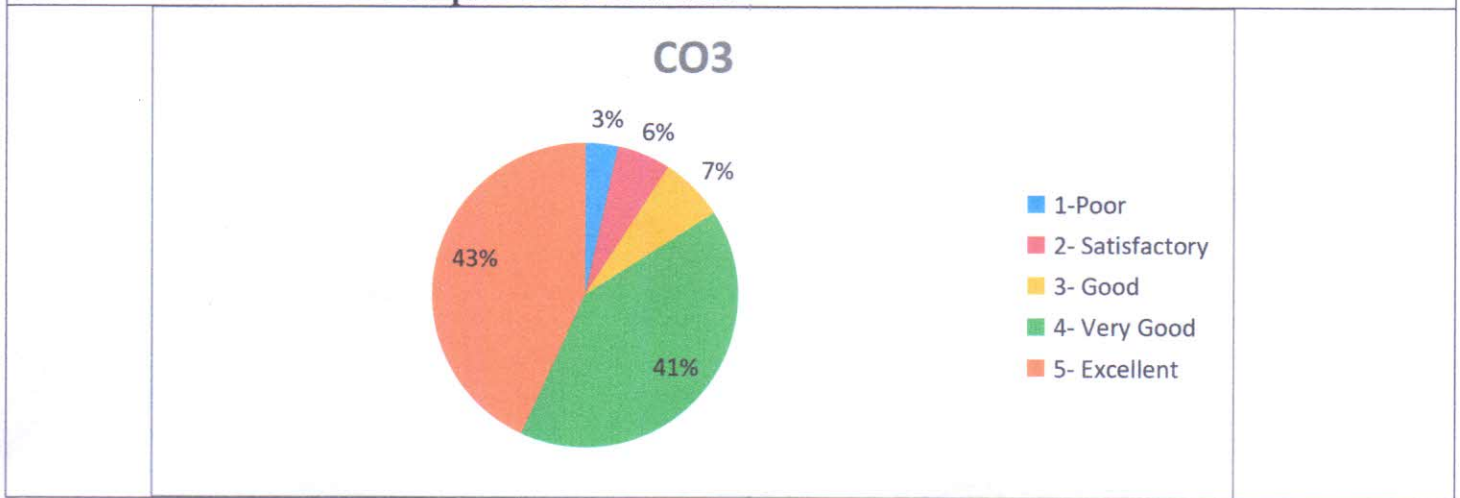
Academic Year: 2017-18 (Even)

Course Exit Analysis Report (SEM VIII)

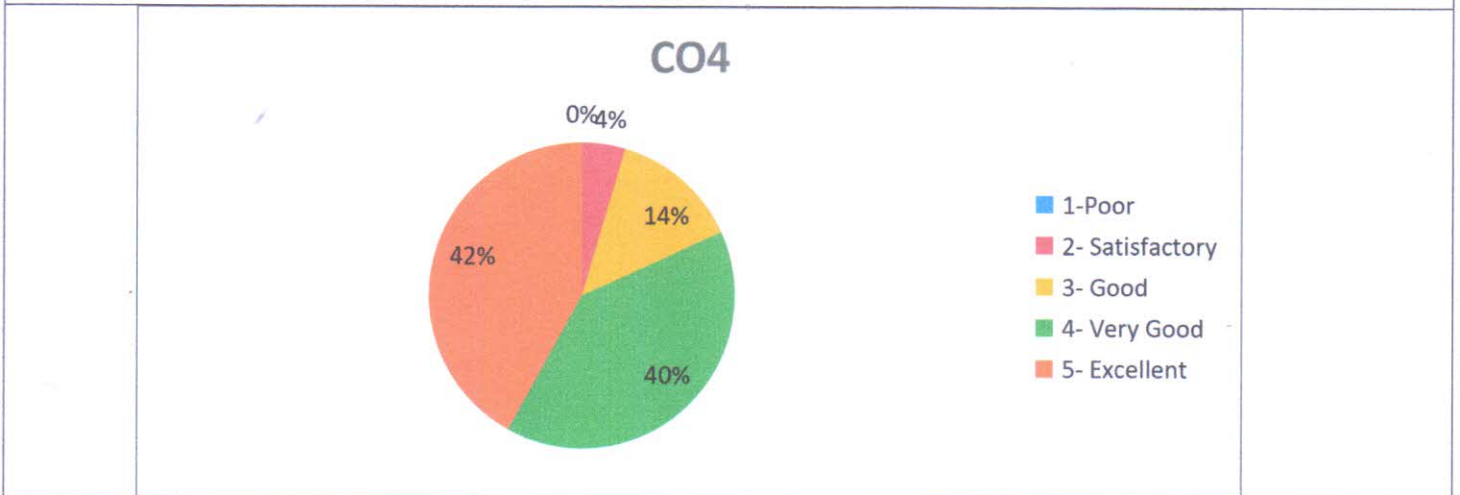
Subject – Construction Management

Subject Teacher - Prof. Molly Mathew/ Shanthi Selvam

CO-3: Can you construct feasible project schedule by using scheduling techniques like CPM and PERT and evaluate the critical path in the network?



CO-4: Will you able to evaluate the daily resource requirement and interpret the best possible schedule from different combinations



CO-5: Are you able to analyze the given network and determine an optimum time cost



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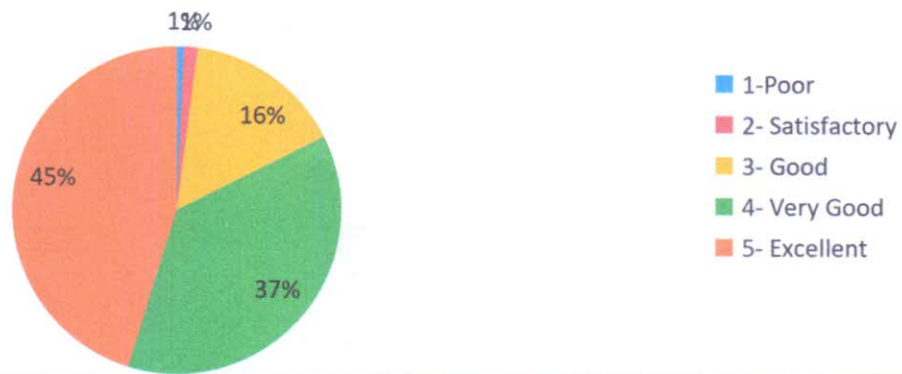
Course Exit Analysis Report (SEM VIII)

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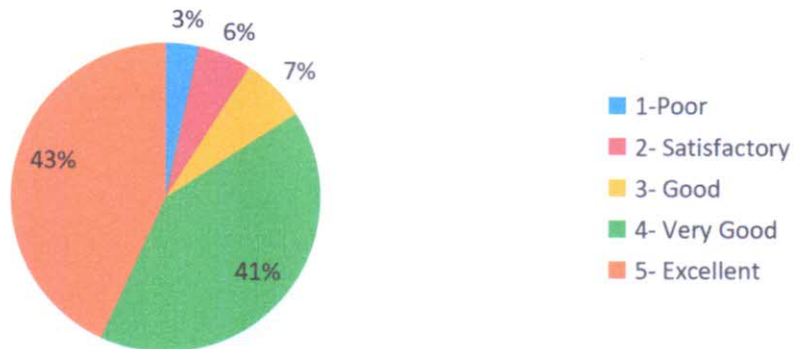
optimization curve?

CO5



CO-6: Are you able to inspect the quality & safety measures on construction sites during execution of civil engineering projects and adopt the laws pertaining to construction industry

CO6



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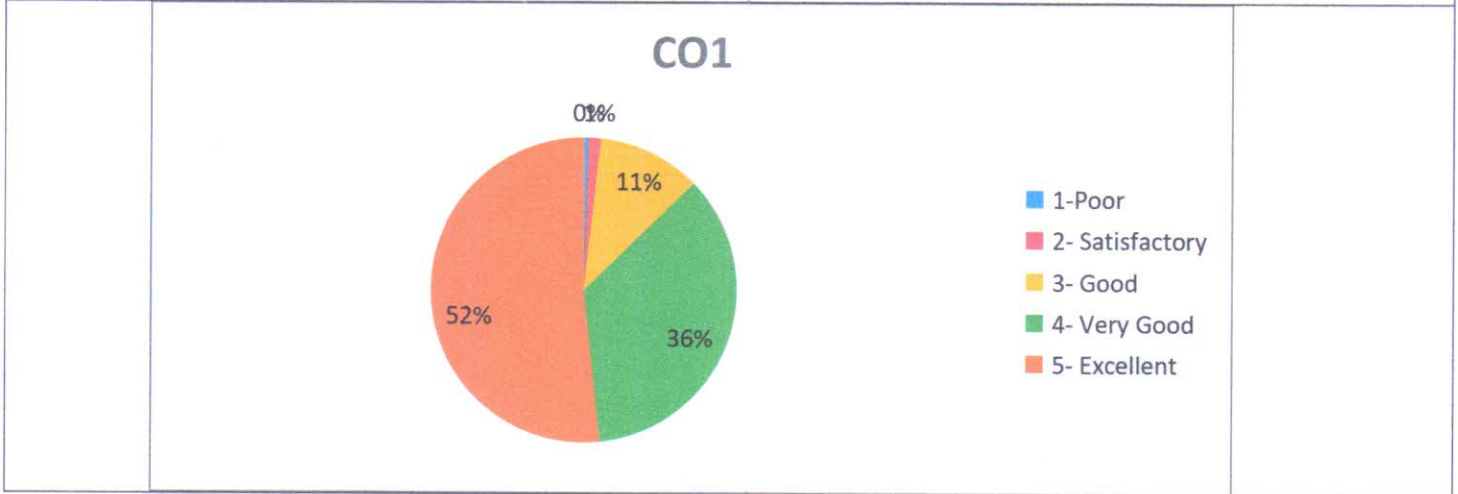
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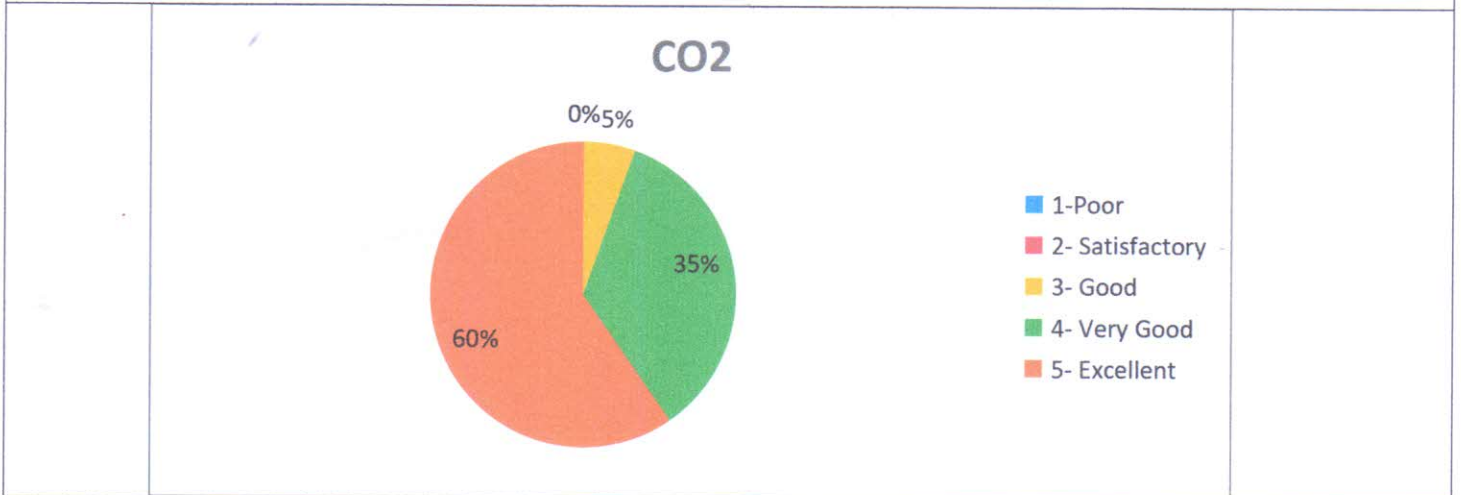
Subject – Design & Drawing of Reinforced Concrete Structures

Subject Teacher – Prof. Dr.S.M.Rangari / Roshni John / Shweta Motharkar

CO-1: Do you understand usefulness of steel sections and able to use suitable philosophy for the design of steel structures.



CO-2: Are you able to design and sketch the structural details of tension members for an industrial roof truss.





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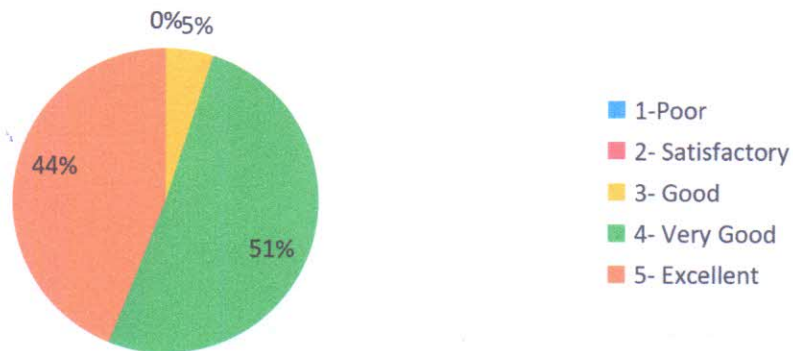
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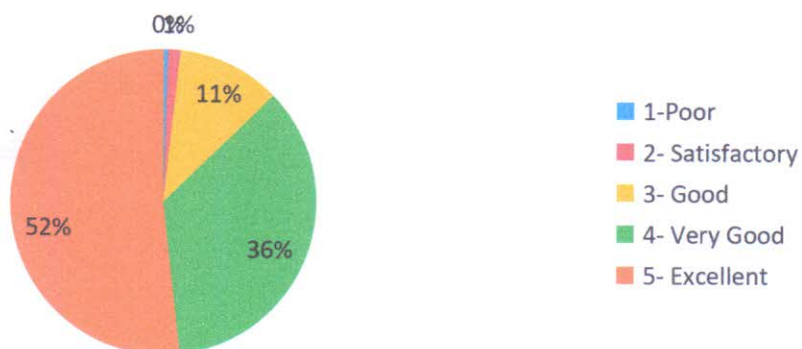
CO-3: Are you able to design and sketch the structural details of compression member including the design of columns and column bases

CO3



CO-4: Will you able to design laterally supported and unsupported beams and apply the concept in the design of welded plate girders

CO4





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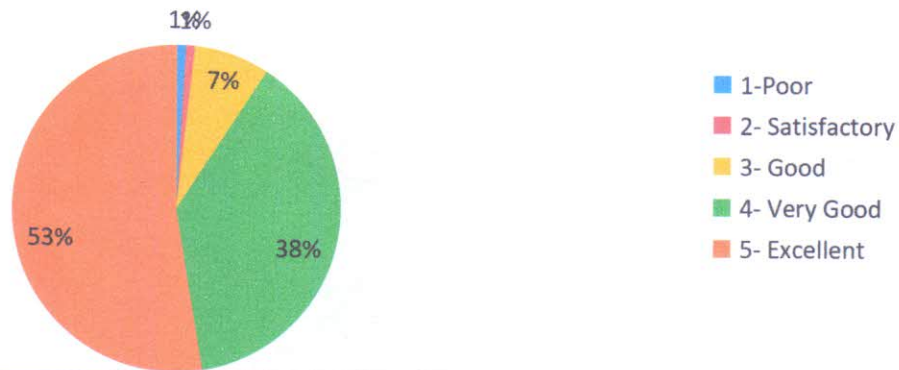
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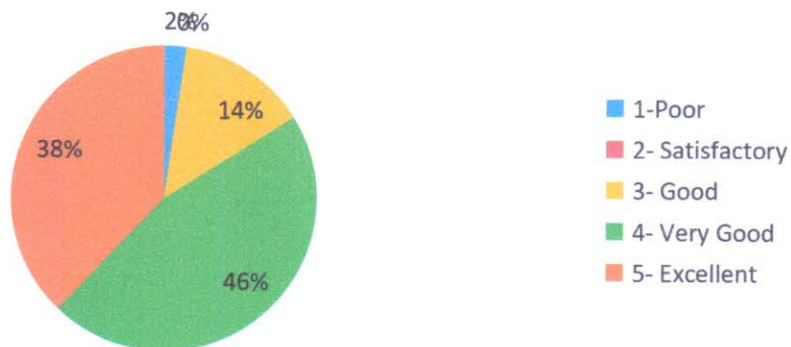
CO-5: Will you able to categorize and design steel structural connections (bolted and welded)

CO5



CO-6: Will you able to estimation of loadings, analysis, load combinations, design forces and design of all components of an industrial building. Confirming, manually done design using appropriate software tool.

CO6



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