



**MAR ATHANASIUS COLLEGE OF ENGINEERING,  
KOTHAMANGALAM  
DEPARTMENT OF CIVIL ENGINEERING  
FEEDBACK ANALYSIS 2022-2023**

**1. Students Feedback /Exit survey analysis 2022-2023**

The feedback targets following different content for different stakeholders. For students, it addressed curriculum and its learning related issues in terms of quality, competence, skills and professionalism. This feedback also considers other issues like delivery of curriculum by teachers. This feedback was collected from students on the following areas.

Q1. The curriculum helps in your level of knowledge in finding solutions to engineering problems

Q2. The curriculum enhances your ability to analyze and investigate complex problems and to design solutions

Q3. The curriculum develops your skill to use modern tools and techniques in engineering activities

Q4. The curriculum strengthens your ability to find engineering solutions for sustainable development considering the impact on society and environment

Q5. The curriculum promotes the level of ethical attitude and responsibilities in engineering practices

Q6. The curriculum provides proficiency at teamwork.

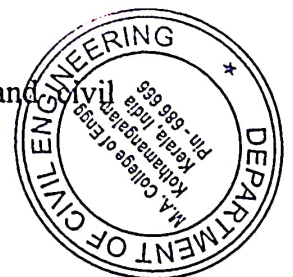
Q7. The curriculum develops your communication with the engineering community and society


Q8. The curriculum enhances your level of knowledge in principles of engineering and management to manage projects.

Q9. The curriculum enhances your level of knowhow to identify and understand civil engineering problems.

Q10. The curriculum strengthens your ability to optimize civil engineering solutions

Q11. The curriculum stimulates your out of the box thinking and continuous development attitude towards civil engineering problems

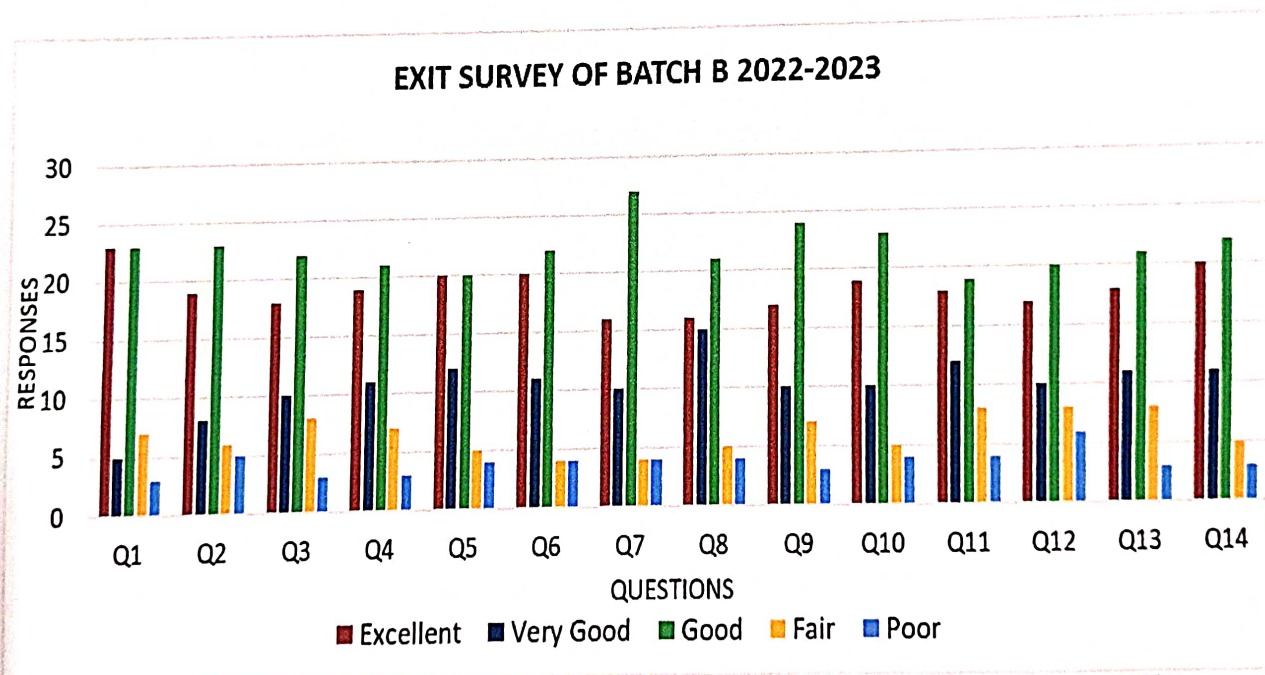
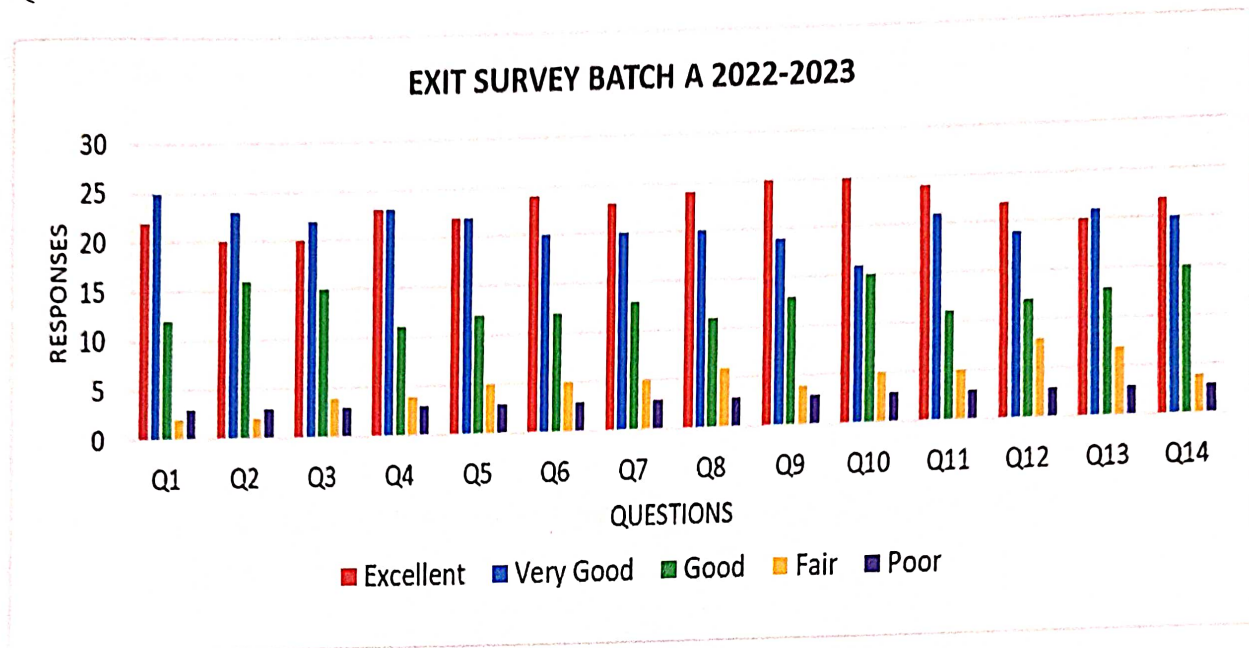


  
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Q12. The adequacy of your course curriculum in addressing social issues

Q13. Curriculum has relevance in real life situations and reflects current trends and applications in the respective disciplines.

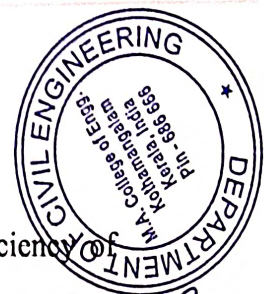
Q14. The curriculum offers sufficient electives/ value added courses.



## 2. Alumni Feedback analysis 2022-2023

The feedback targets following different content for different stakeholders.

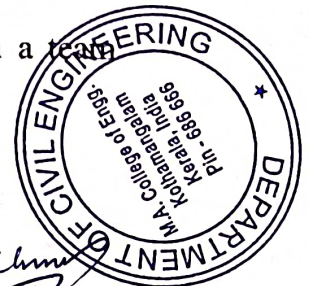
For alumni, it aimed for responses on adequateness of courses curriculum, sufficiency of syllabus content in context of current professional standards and curriculum design in context



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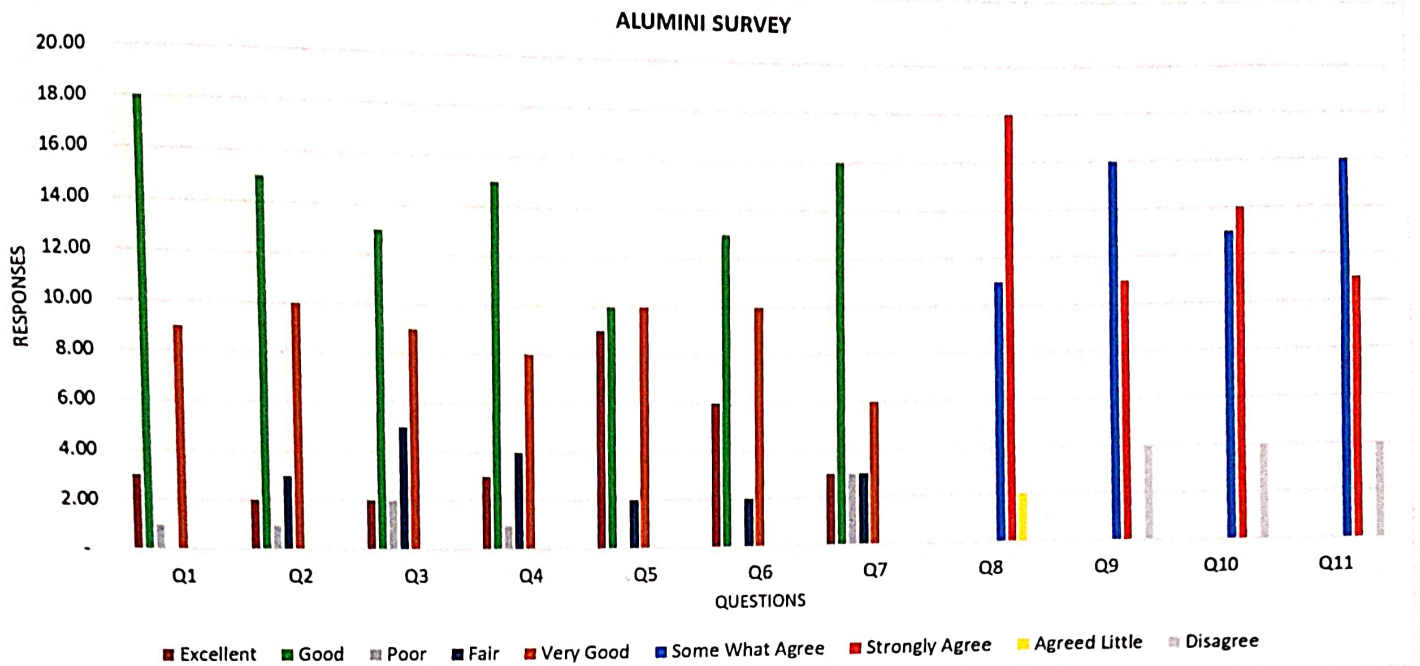
of development of self-directed learning and problem-solving approach. This feedback was collected from alumni on the following areas.

- Q1. After graduating, to what extent do you see yourself equipped in the fundamentals of mathematics, science, and engineering?
- Q2. How well do you think you are in synthesizing data, analyzing them, and solving the core problems in your area of work
- Q3. Rate your confidence level to take up civil engineering projects, spanning across planning, designing and execution
- Q4. Your adaptability and comfort level during interacting with experts in other fields
- Q5. Rate yourself in ethical values and commitment to society and to sustainable development
- Q6. Your ability to function as an individual, as a team member and to leader a diverse team, and in multidisciplinary projects
- Q7. Adequacy of your course curriculum in addressing the challenges in your profession
- Q8. How much did your education at Mar Athanasius College of Engineering, contribute to your personal growth?
- Q9. The curriculum includes progressive learning and skills for a successful career
- Q10. Experiential learning activities (Internships / Field Visit/ Project/ Assignments/ Seminars/ Others) are appropriate for skill development/Employment/Self Employment
- Q11. The content of the program helps to develop your skill to work in a team and in multidisciplinary environments



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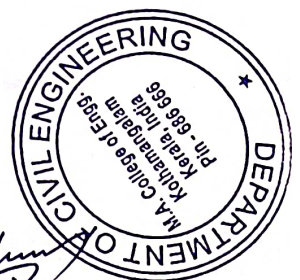



### 3 Employer Feedback analysis 2022-2023

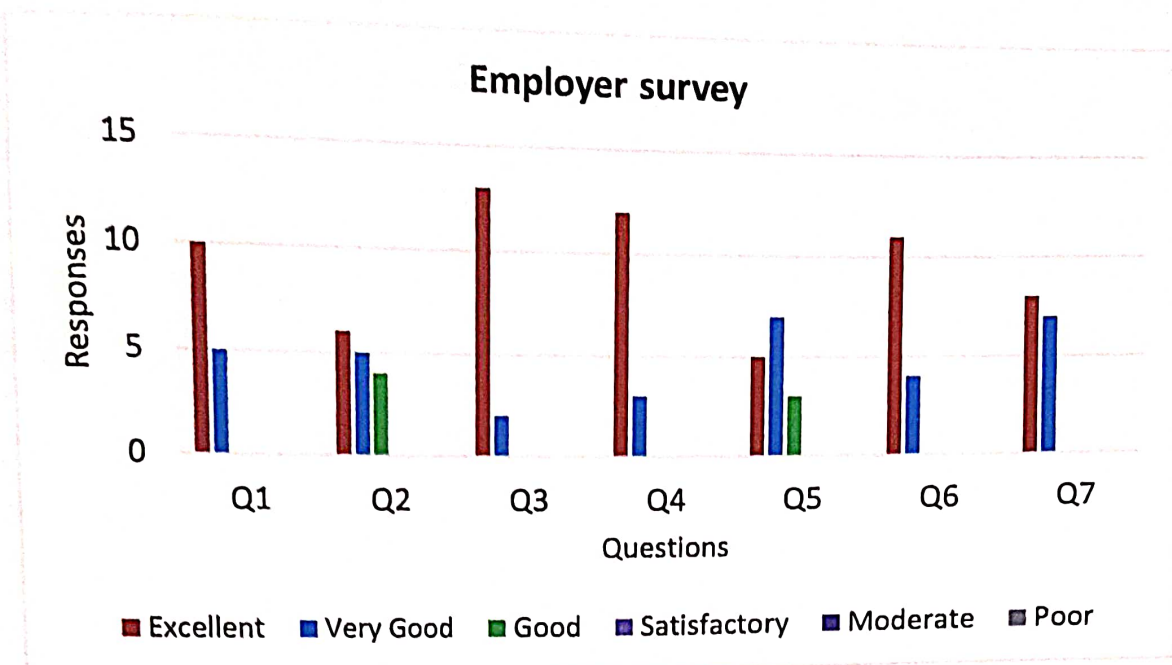
The feedback targets following different content for different stakeholders.

For employers, it addressed issues like general communication skills, developing solutions to real life problems, working in a team, creative challenges to challenges, organization skills, learning of new techniques, integration of technology for work as learnt through the curriculum. This feedback was collected from employers on the following areas.

- Q1. Graduate's fundamental knowledge in mathematics, science, and engineering.
- Q2. Graduate's capacity to analyze and solve engineering problems
- Q3. How well do you rate the graduate as a team member in projects?
- Q4. The overall interest of graduate to learning new concepts, techniques and tools
- Q5. Capacity of graduate to design new projects and to execute construction economically
- Q6. Rate our graduate's ethical values and commitment to society
- Q7. Rate the overall performance of our graduate



  
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#### 4 Faculty Feedback analysis 2022-2023

The feedback targets following different content for different stakeholders.

For teachers, the feedback addressed issues like suitability the course and its need base, outcomes of the curriculum, relationship with course content and corresponding reference material, availability of reference materials in terms with curriculum, evaluation methods and curriculum delivery, etc. This feedback was collected from teachers on the following areas.

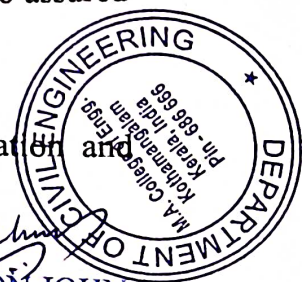
Q1. How would you rate the content of the course in enriching technical knowledge and solving various engineering problems?

Q2. How would you recommend this course in familiarizing students with modern engineering tools?

Q3. How well the course content creates awareness in professional ethics and emphasize the sustainable development of the society?

Q4. How would you rate the course content in providing proficiency at team work to assured sufficient managerial skills?

Q5. How would you recommend the course in developing effective communication and documentation skills \*



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Q6. The course equips the students in lifelong learning in the context of technological development \*

Q7. How would you rate the contents of this course in enabling the students to analyse Civil Engineering problems based on the knowledge in Mathematics, Sciences and fundamentals of Engineering

Q8. How would you rate the effectiveness of this course in developing Proficiency in Civil Engineering problem identification, formulation, analysis, design and execution.

Q9. How well the course contents stimulates the out of the box thinking capacity of students.

Q10. How well this course helps in supporting the society with solutions to various Civil Engineering problems.

Q11. Course objectives were clear

Q12. Course content was organized and well planned

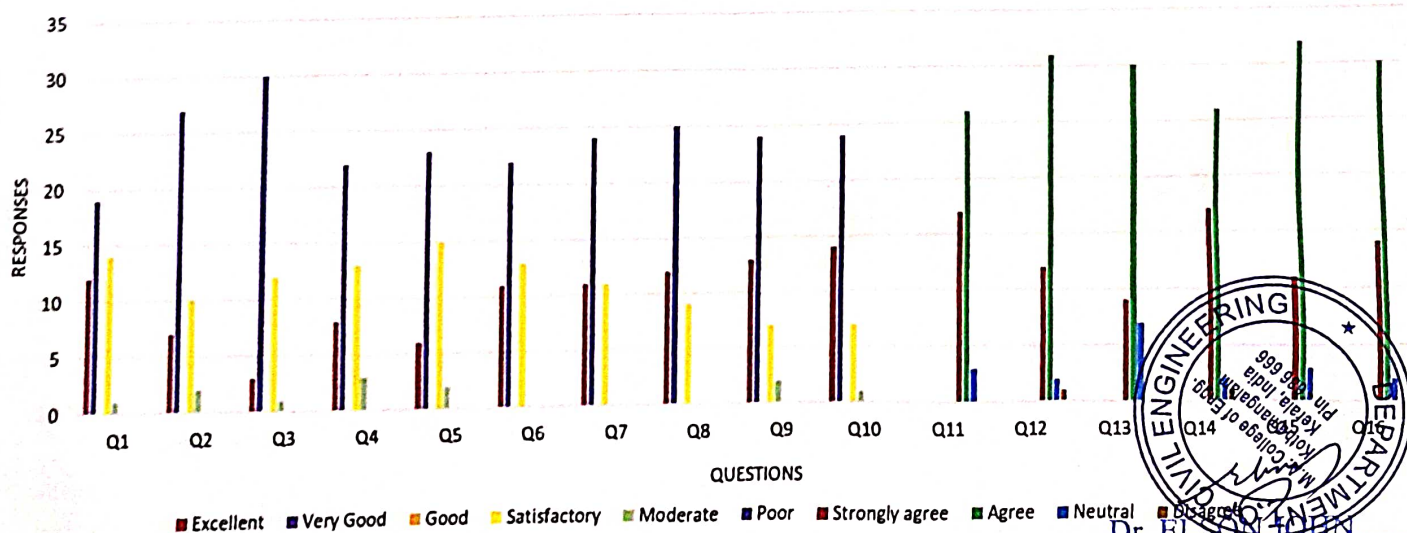
Q13. Course workload was appropriate

Q14. Availability of e learning resources/ reference books

Q15. Scope of experiment-based learning for the course

Q16. Provides essential life skills or employability

Faculty Feedback



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