

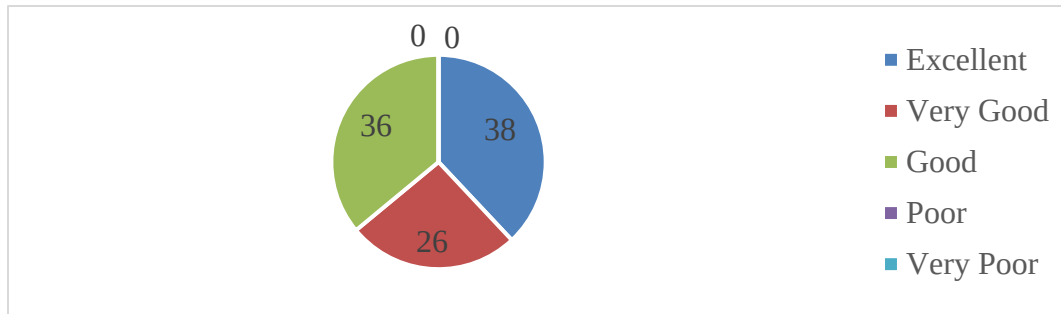


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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
ACADEMIC YEAR 2024 – 2025
GRADUATE SURVEY



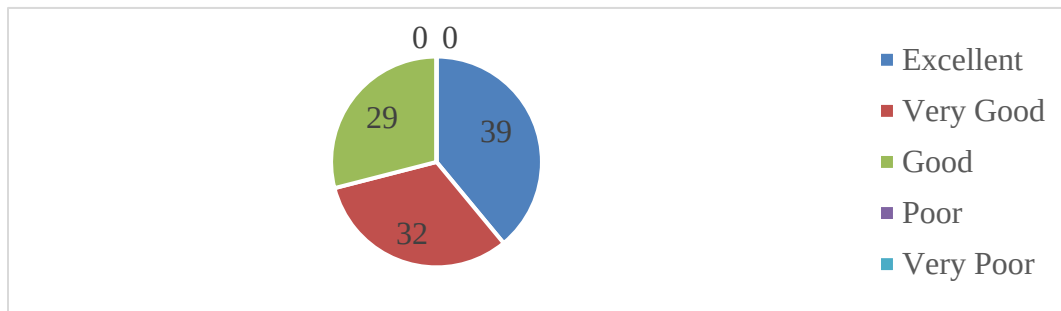
1. Are you able to knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems?

52 Responses



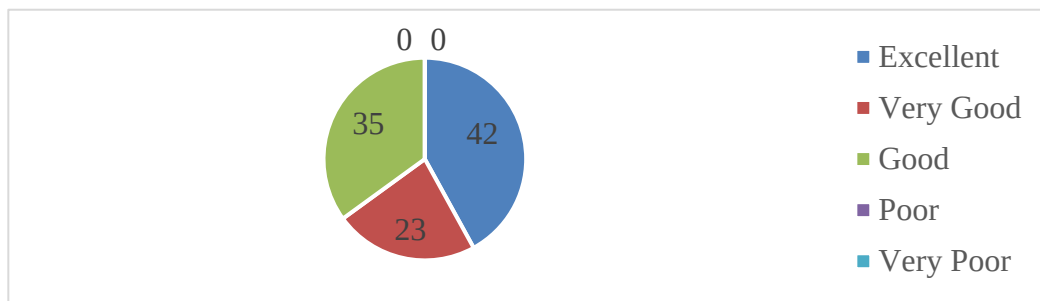
2. Are you able to identify, formulate, review, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences?

52 Responses



3. Are you able to design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and cultural, societal and environment considerations by engineering?

52 Responses




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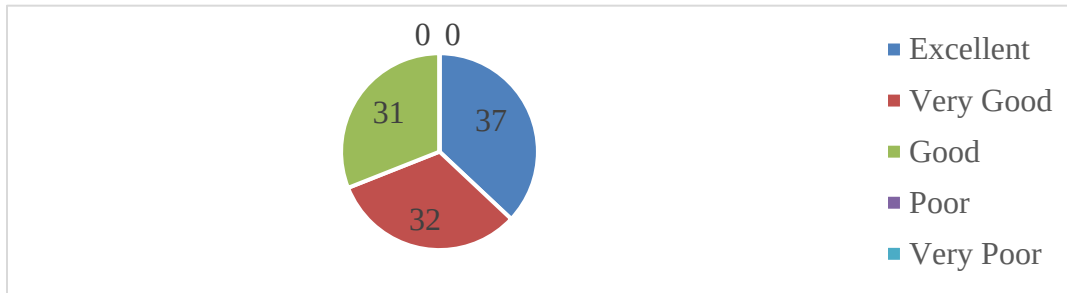


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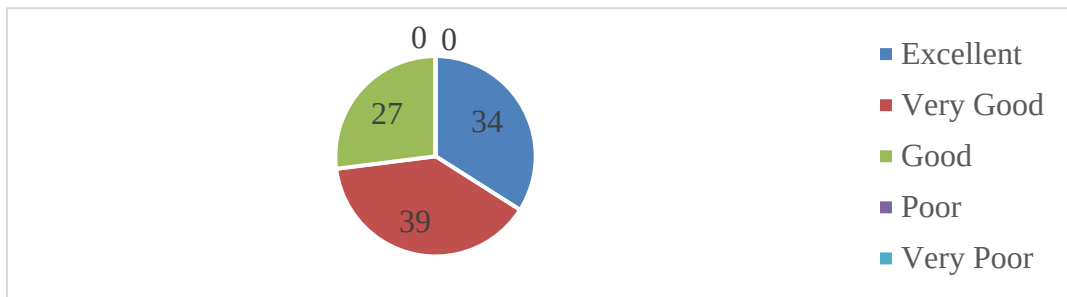
4. Are you able to use research –based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions?

52 Responses



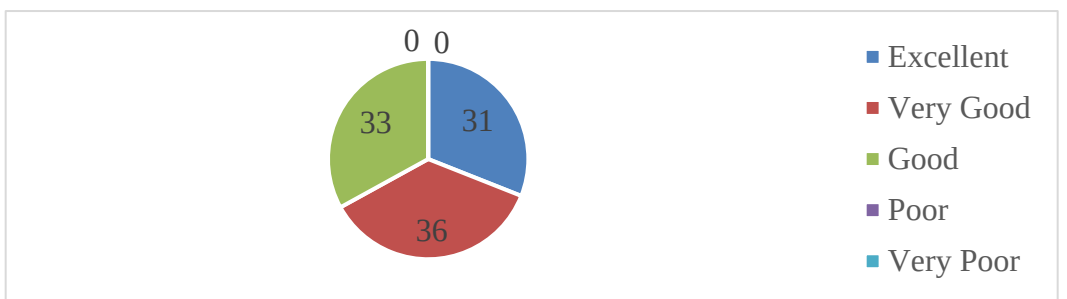
5. Are you able to create, select and apply appropriate techniques, resources and modern engineering an IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations? Are you able to create, select and apply appropriate techniques, resources and modern engineering an IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations?

52 Responses



6. Are you able to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practices?

52 Responses




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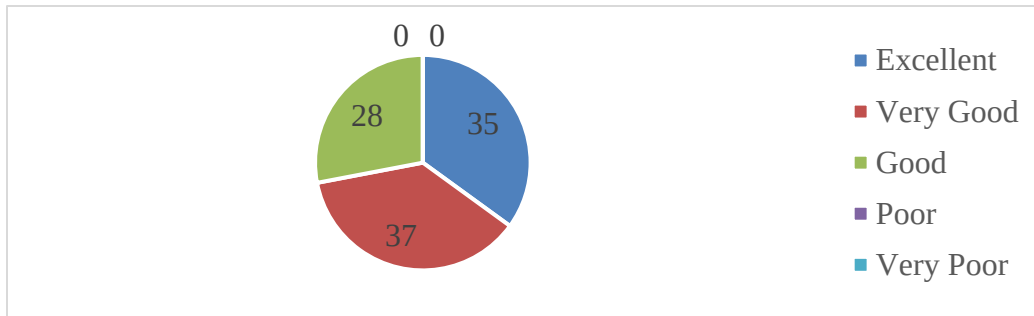


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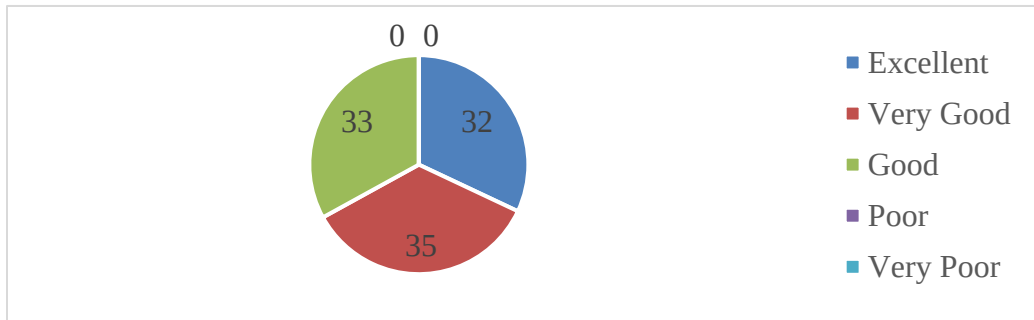
7. Are you able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development?

52 Responses



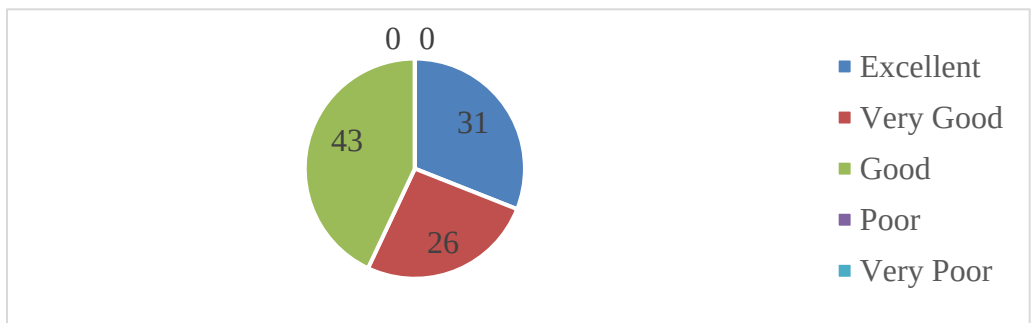
8. Are you able to Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?

52 Responses



9. Do you have knowledge to Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?

52 Responses




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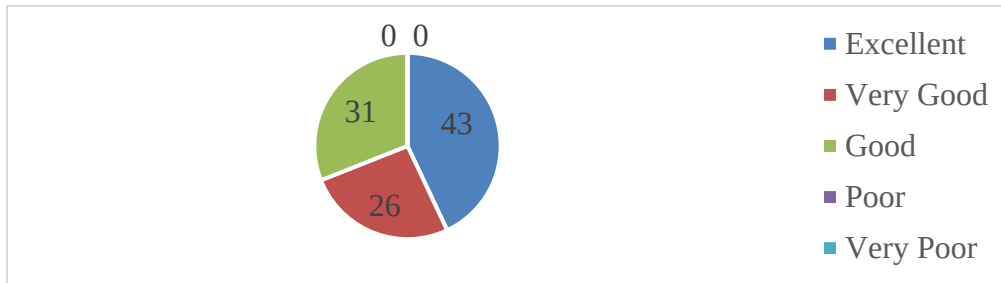


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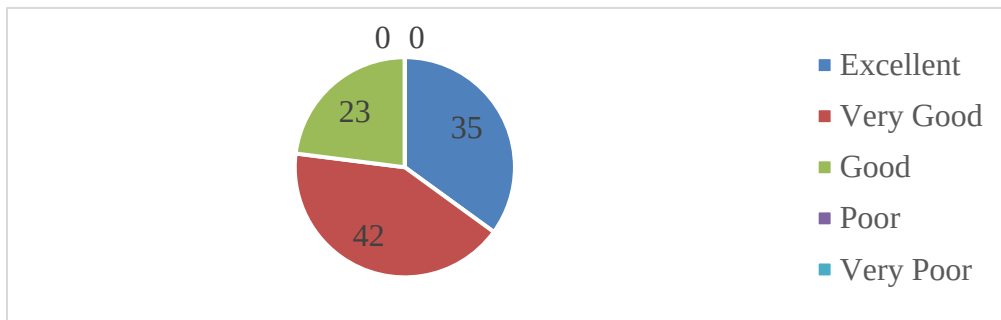
10. Are you able to communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions?

52 Responses



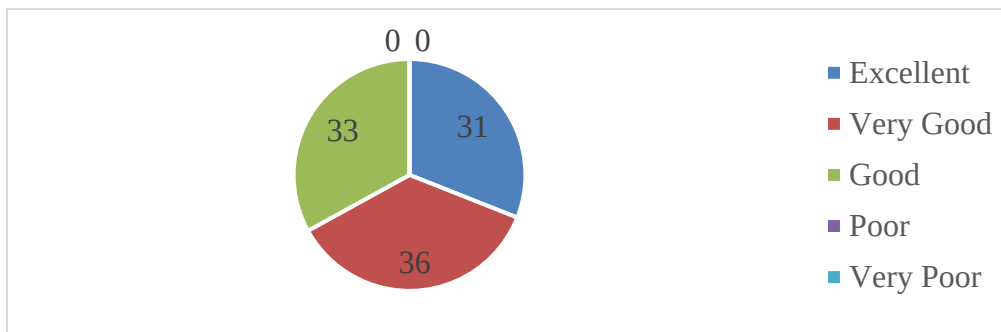
11. Do you know how to demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments?

52 Responses



12. Are you able to Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?

52 Responses




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