DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

DEDICATED TO QUALITY EDUCATION

AFFILIATED TO MAKAUT | APPROVED BY AICTE | *NBA ACCREDITED | NAAC ACCREDITED

An Autonomous Institute

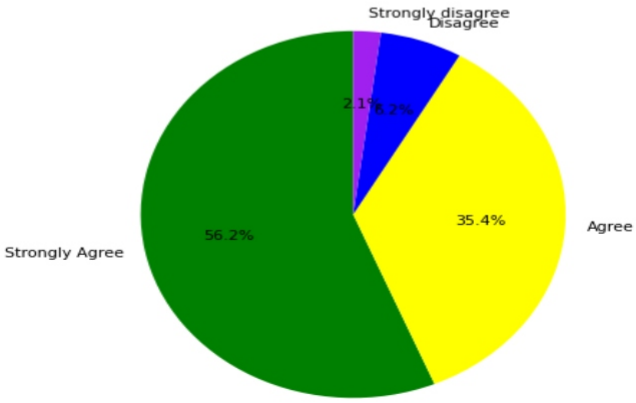
Program End Survey Analysis

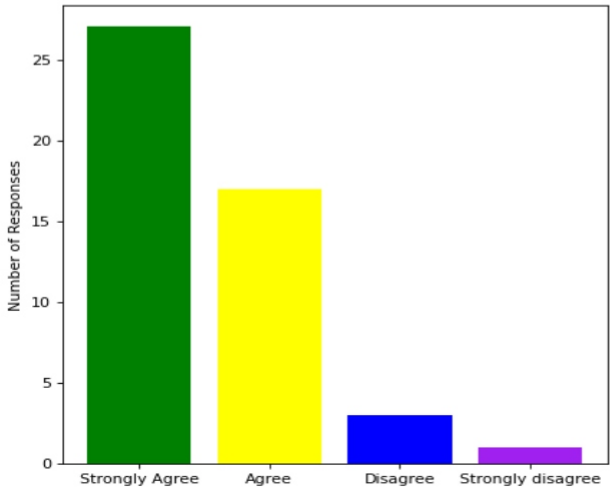
Academic Year: 2025-26

Department: ME

1. Have you developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for the solution of complex engineering problems?

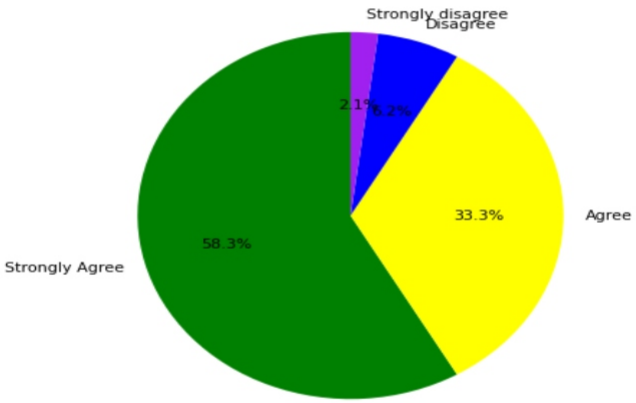
Strongly Agree: [27] = (56.25%) Agree: [17] = (35.42%) Disagree: [3] = (6.25%) Strongly disagree: [1] = (2.08%)

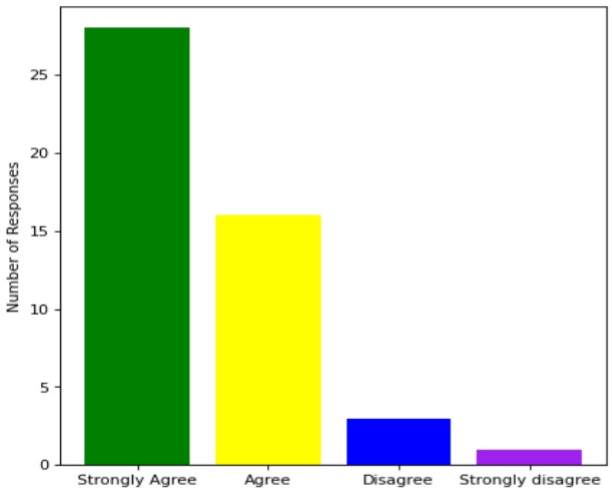




2. Are you able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences?

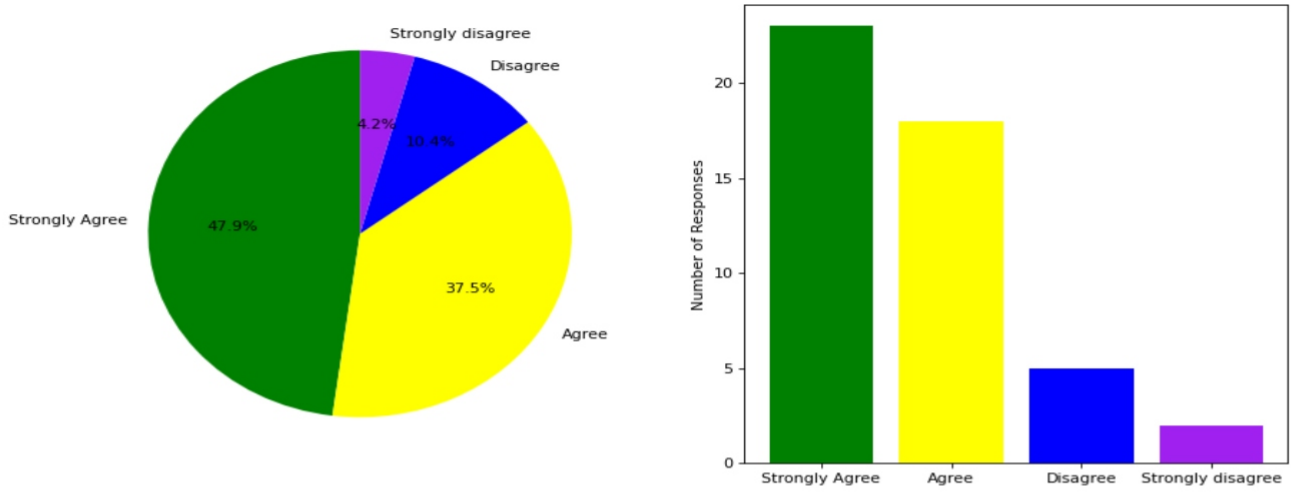
Strongly Agree: [28] = (58.33%) Agree: [16] = (33.33%) Disagree: [3] = (6.25%) Strongly disagree: [1] = (2.08%)





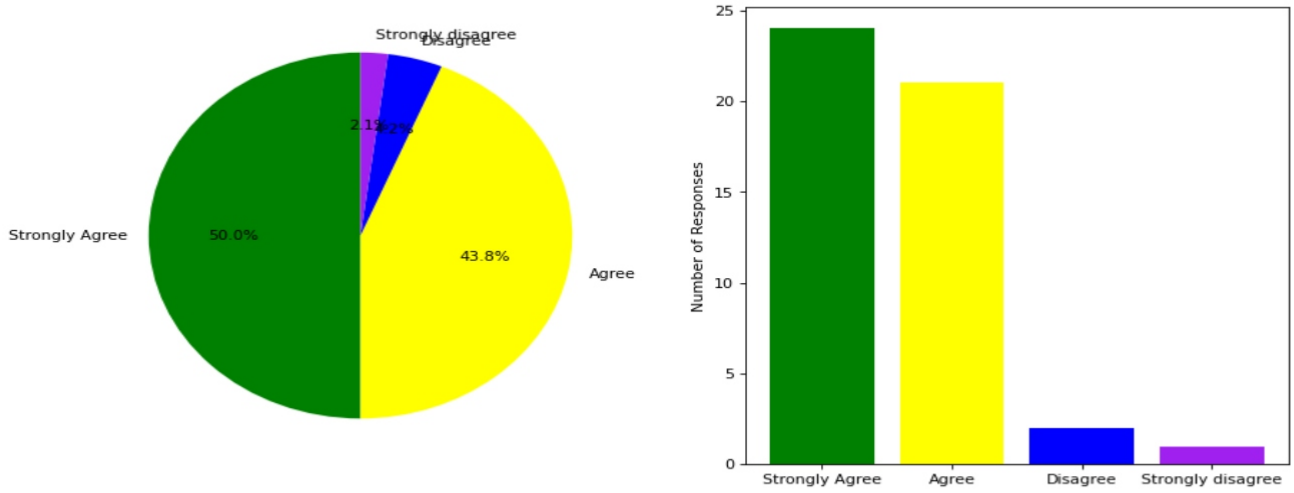
3. Did you attain the ability of designing solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations?

Strongly Agree: [23] = (47.92%) Agree: [18] = (37.5%) Disagree: [5] = (10.42%) Strongly disagree: [2] = (4.17%)



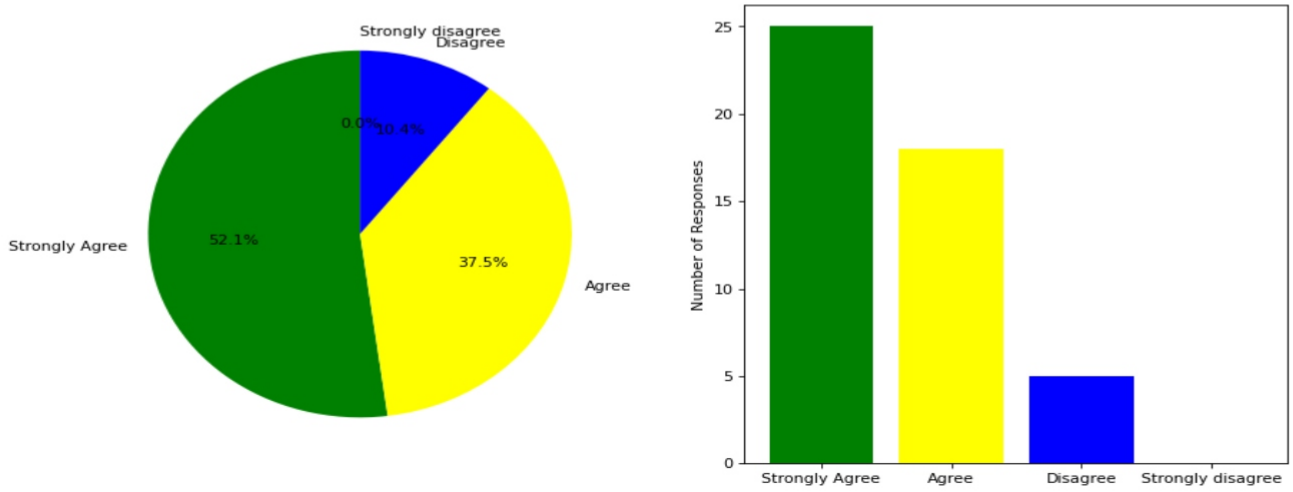
4. Are you able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions?

Strongly Agree: [24] = (50.0%) Agree: [21] = (43.75%) Disagree: [2] = (4.17%) Strongly disagree: [1] = (2.08%)



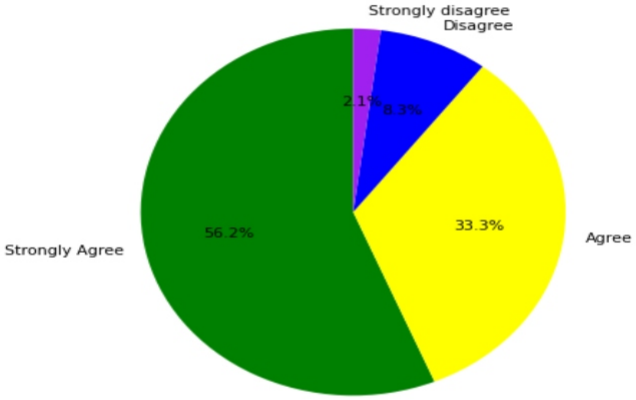
5. Have you developed the ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations?

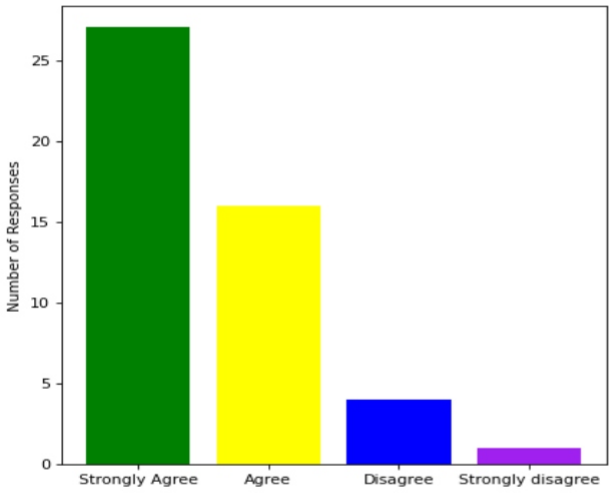
Strongly Agree: [25] = (52.08%) Agree: [18] = (37.5%) Disagree: [5] = (10.42%) Strongly disagree: [0] = (0.0%)



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

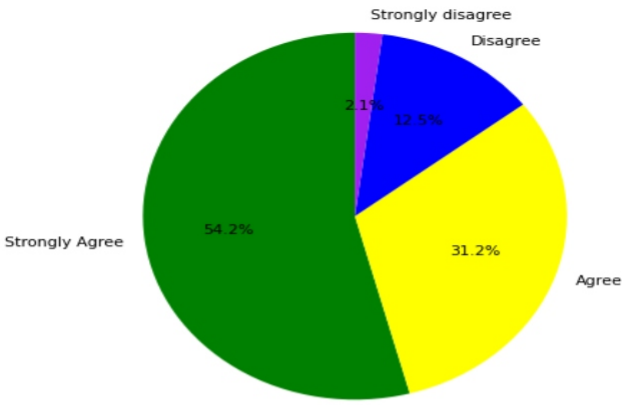
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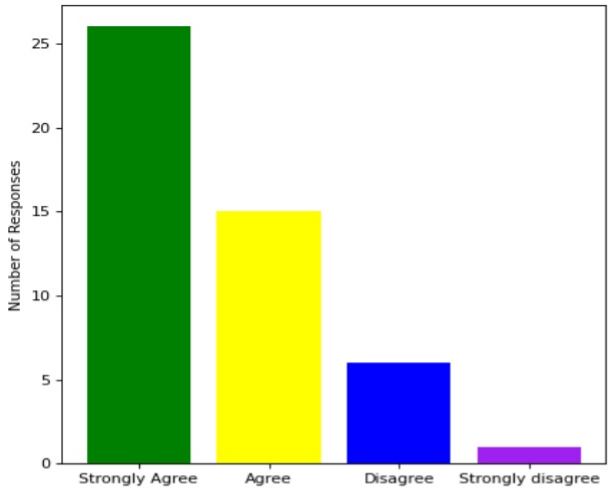




7. Are you able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development?

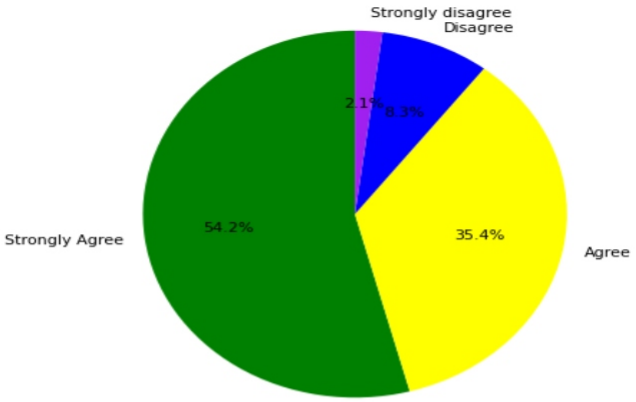
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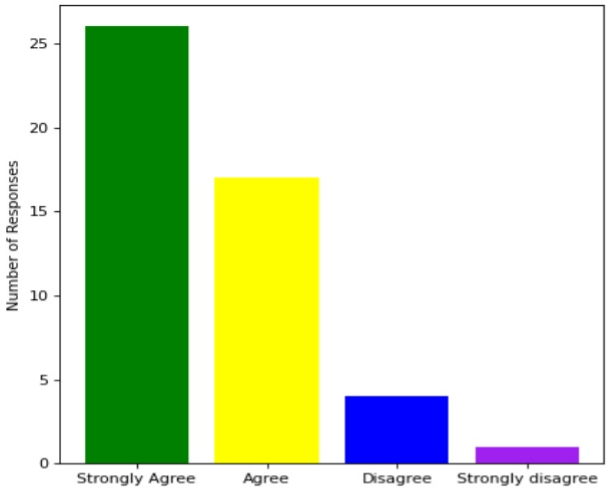




8. Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?

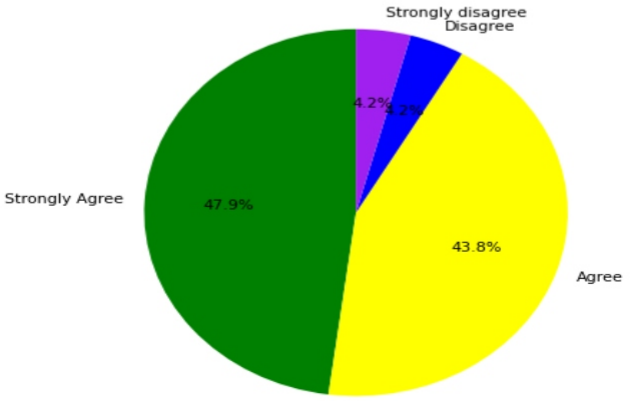
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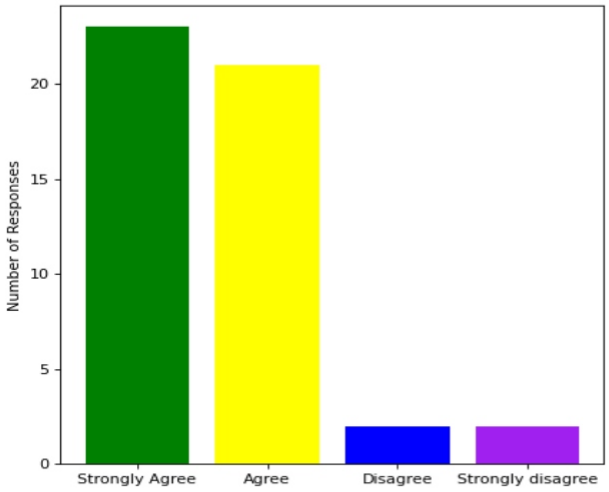




9. Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?

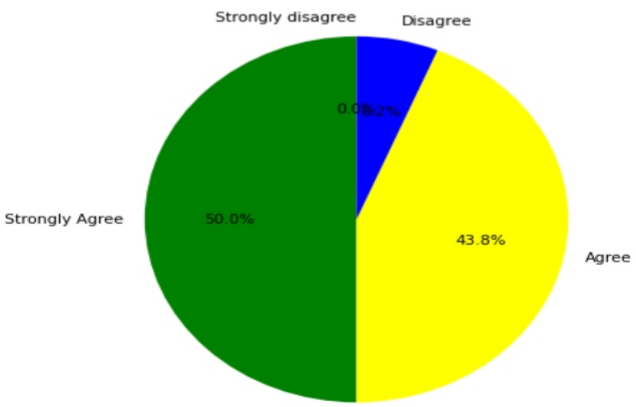
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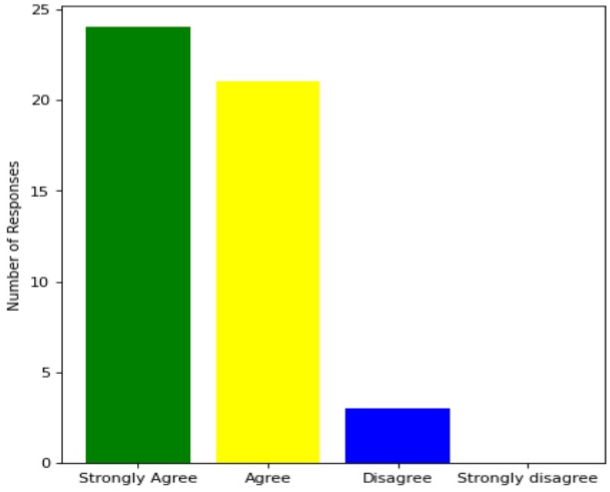




10. Can you communicate effectively on complex engineering activities with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions?

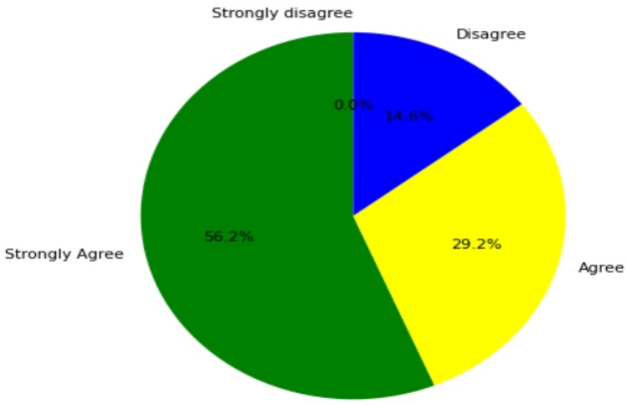
Strongly Agree: [24] = (50.0%) Agree: [21] = (43.75%) Disagree: [3] = (6.25%) Strongly disagree: [0] = (0.0%)

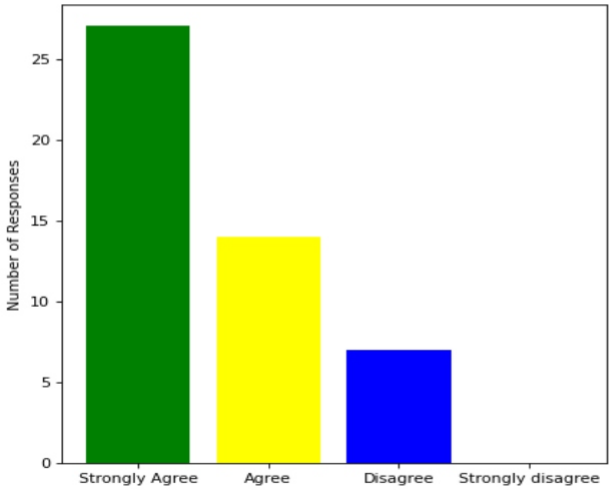




11. Are you able to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments?

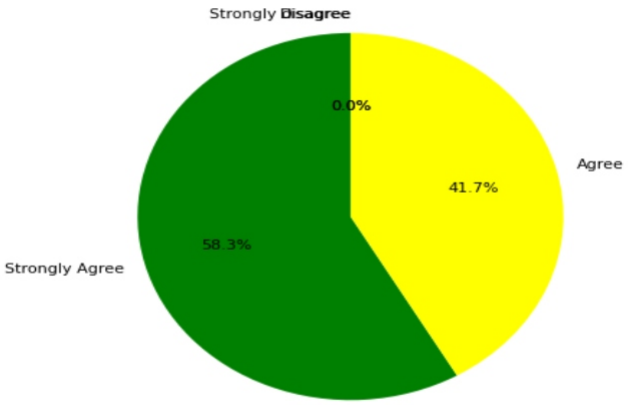
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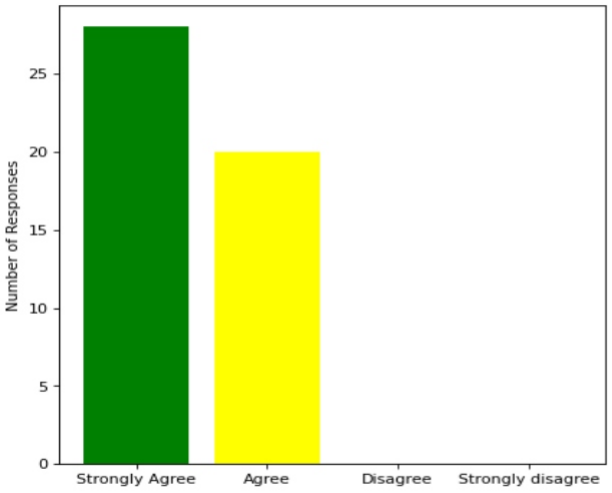




12. Will you be able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?

Strongly Agree: [28] = (58.33%) Agree: [20] = (41.67%) Disagree: [0] = (0.0%) Strongly disagree: [0] = (0.0%)





This is a computer generated statement and does not require a signature.