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INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
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CRITERION 1 - CURRICULAR ASPECTS

1.4 Feedback System



FEEDBACK ANALYSIS REPORT

2020 - 2021



FEEDBACK ANALYSIS REPORT

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Stakeholders' Feedback Analysis Report 2020-2021

Stakeholder perceptions of the quality and efficacy of ASIET activities are gathered, compiled and analysed by the IQAC for use in development, review and quality assurance processes. ASIET is committed to getting feedback from every stakeholder- Students, Alumni, Teachers, Employers and Parents as well as other interest groups in order to keep improving year by year. The PAC initiates these activities and creates an action plan accordingly for overcoming the weakness and utilising the areas of improvement. Our system is designed to be flexible and accessible, encouraging stakeholders to share their insights through various means, including our ERP software, written and Google Forms. This process reflects our commitment to maintaining the highest standards in education and campus life, adapting to the evolving needs and preferences of our college community.

Feedback Mechanism

Feedback Collection: At ASIET, feedback collection from stakeholders—including students, parents, teachers, alumni and employers—is a vital process aimed at assessing academic performance and the overall institutional ambience. Utilizing a variety of channels such as ERP software, written or telephone correspondence, email and Google Forms, feedback is gathered annually to ensure comprehensive input from all perspectives. Questions are structured on a 5-point scale to gauge satisfaction and identify areas for enhancement, ensuring the institution remains responsive to the evolving needs and expectations of its community. This systematic approach not only fosters transparency and accountability but also drives continuous improvement across educational and operational domains, reflecting ASIET's commitment to maintaining high standards and adapting proactively to feedback.

Feedback Analysis: The IQAC and PAC plays a crucial role in analyzing the feedback collected from different stakeholders. The team compiles an overarching feedback summary and also creates department-specific reports. These reports are crucial for understanding the unique needs and suggestions of each department.

Action Plan: Based on the feedback analysis, the IQAC, PAC and Academic Council at ASIET develop and implement targeted action plans. These plans may include modifications to the curriculum, teaching methodologies, or even infrastructural changes, all aimed at enhancing the educational experience. Following a thorough analysis of stakeholder feedback, ASIET has compiled a comprehensive Institutional Action Taken Report, detailing proactive measures and improvements undertaken across various facets of the institution. This report synthesizes insights gathered from students, parents, teachers, alumni, and employers, addressing concerns and suggestions related to academic performance and the overall campus environment.

Communication of Feedback and Actions: To maintain transparency and keep all stakeholders informed, the feedback analysis and the details of the actions taken are communicated through various channels. These include the college website, emails, and ERP notice boards, ensuring that everyone involved is aware of the continuous improvements being made at ASIET.

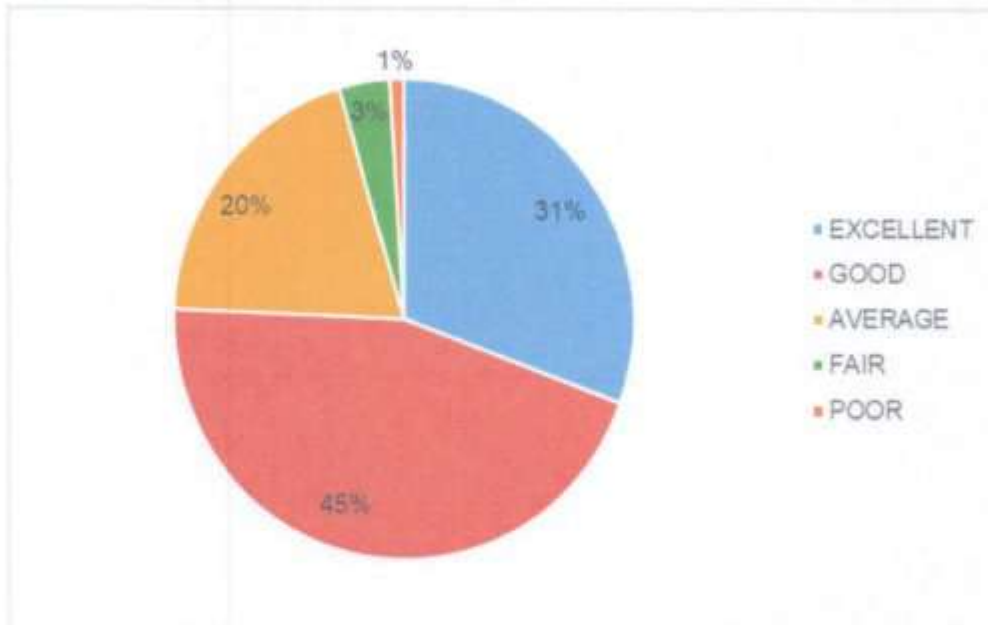


Students Feedback Analysis Report 2020-2021

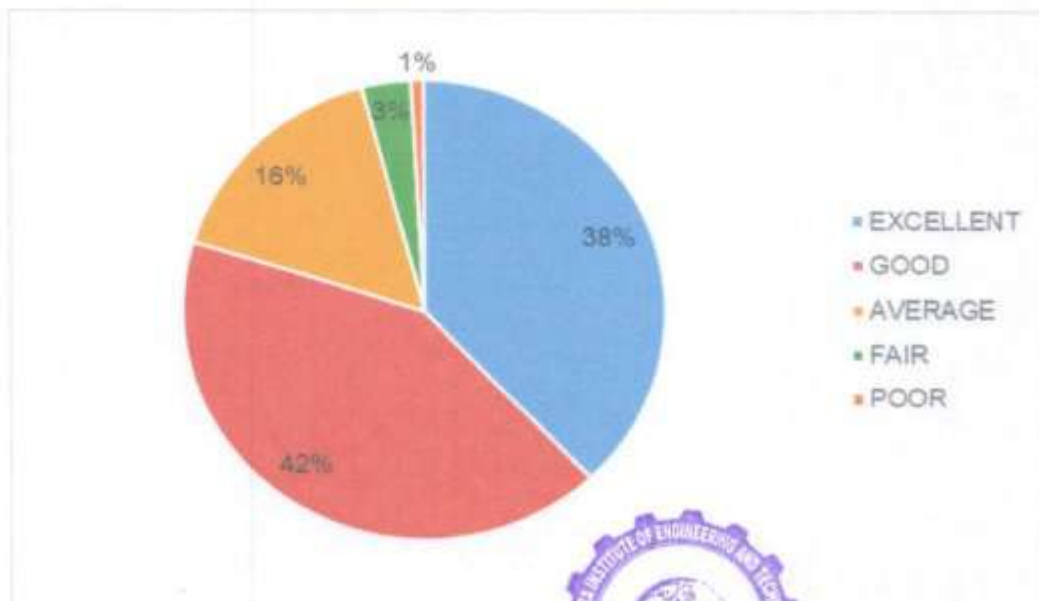
Overall, the feedback indicates a positive perception of various aspects of the institution. The respondents generally agree or strongly agree with most statements, suggesting a favourable experience. Below is a summary of the feedback received from 730 students on each question:

Total Responses - 730

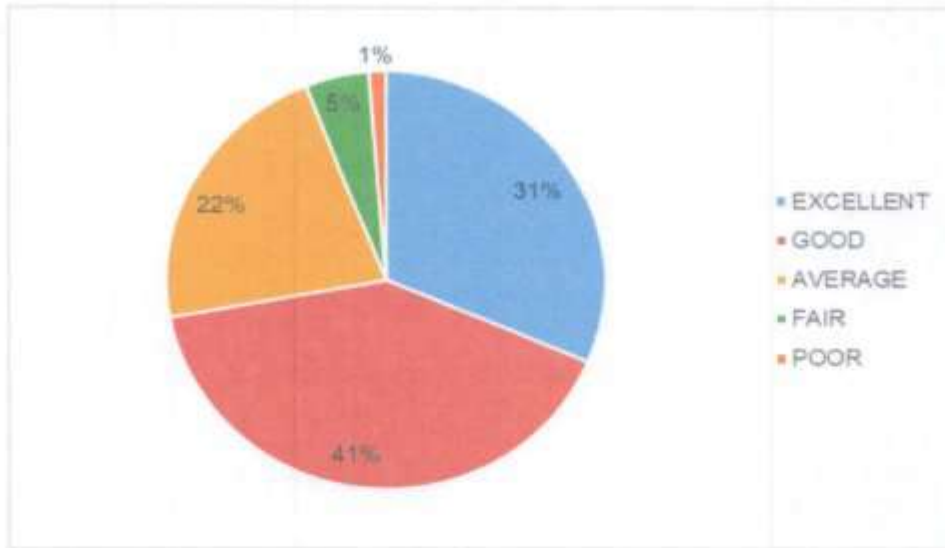
Q1. Syllabus and Learning materials are adequate in terms of quality and quantity



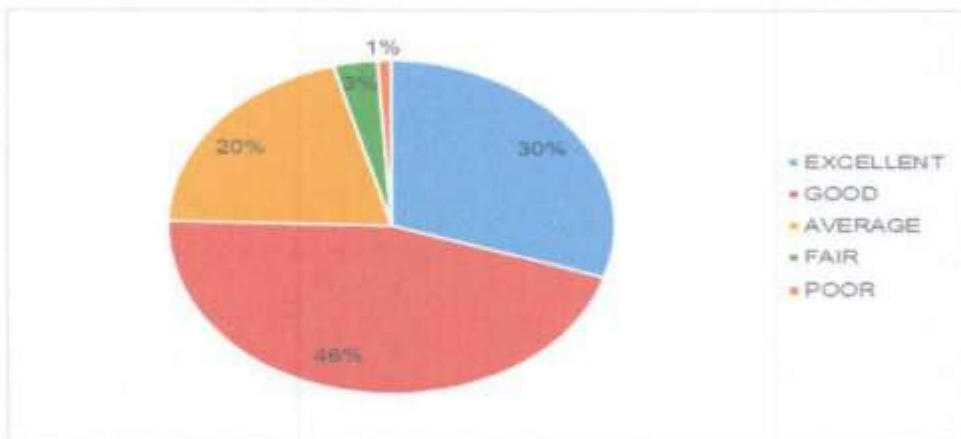
Q2. Rate the faculty encouragement in the learning process



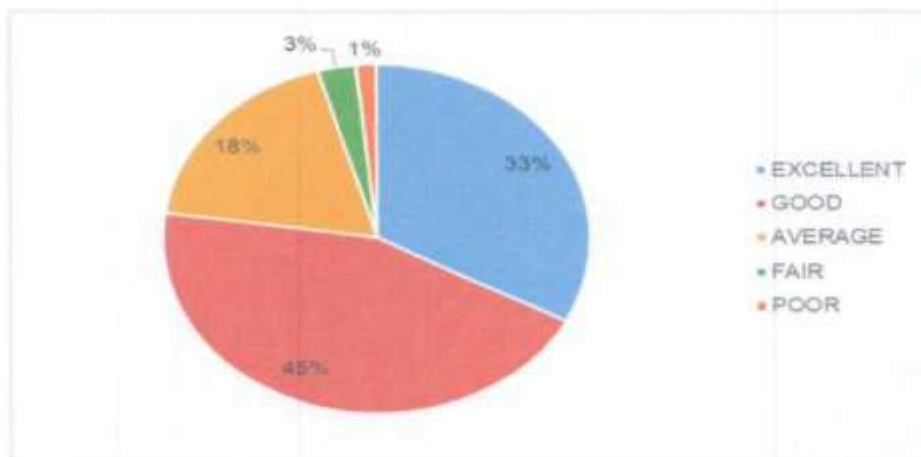
Q3. Equal weightage is given to both theory and practical course content



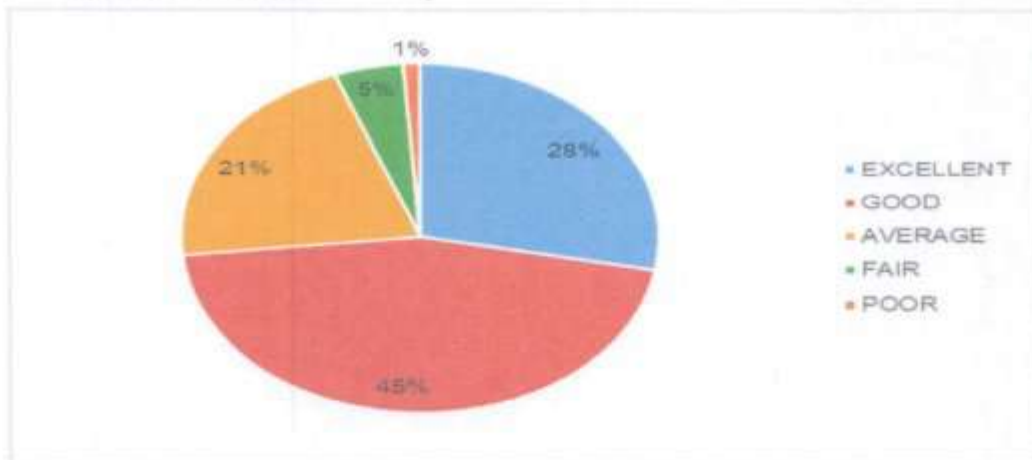
Q4. Teaching-learning process enables clear understanding of the course content



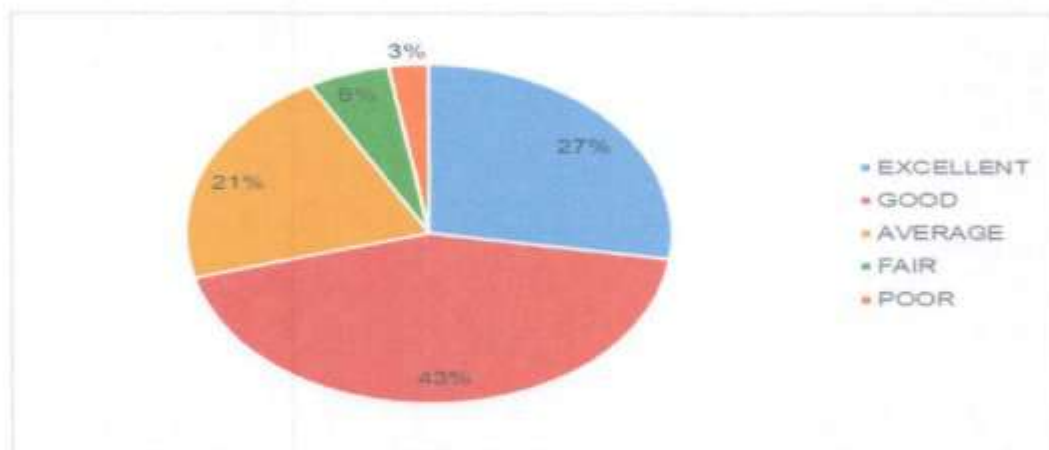
Q5. Pattern of assessment and evaluation process is transparent



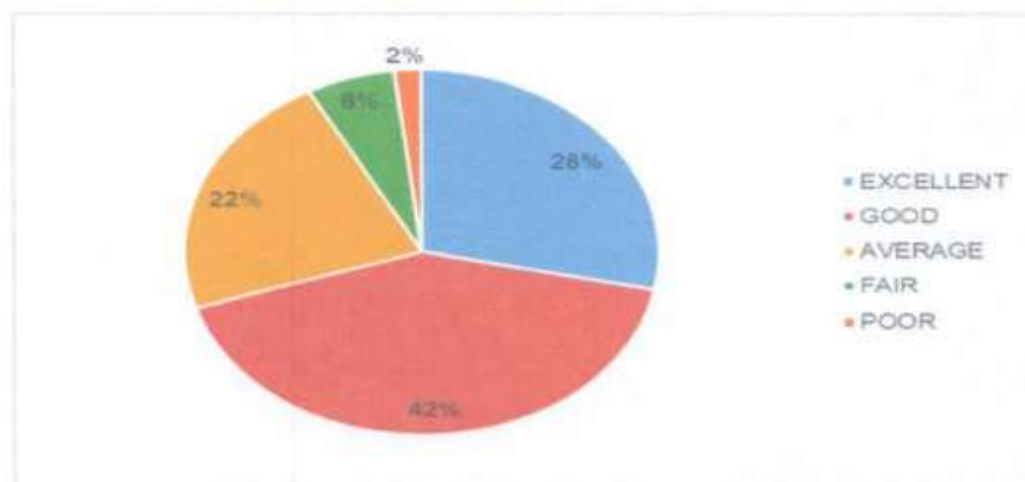
Q6. The MOOC courses provide sufficient knowledge and perspective in the respective areas



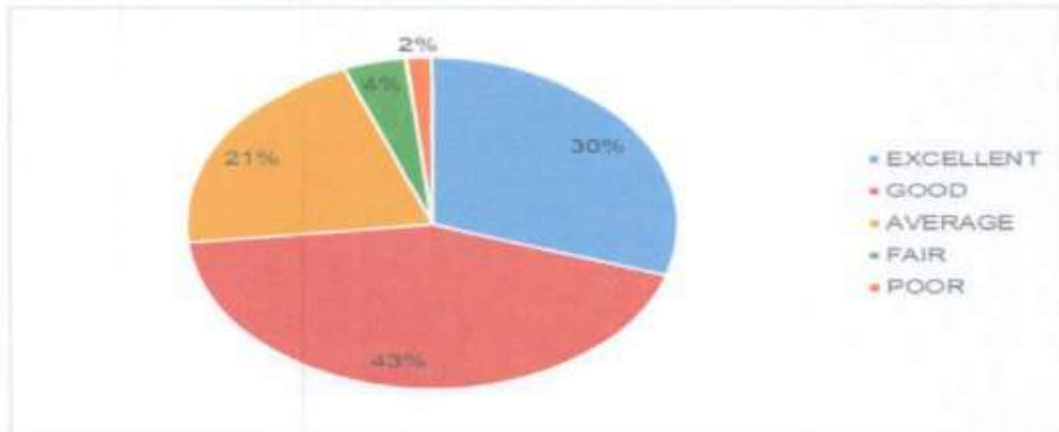
Q7. Curriculum provides necessary technical and non-technical skills for career development



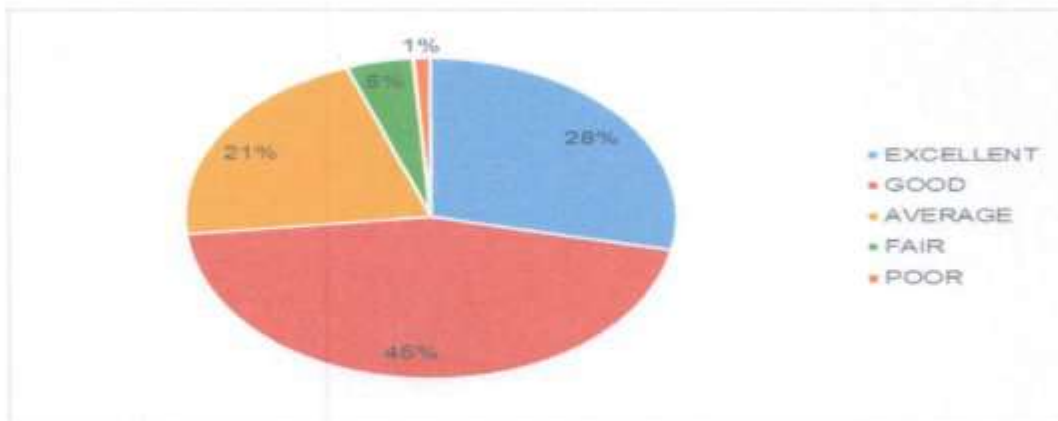
Q8. The lab facilities enable the academic learning



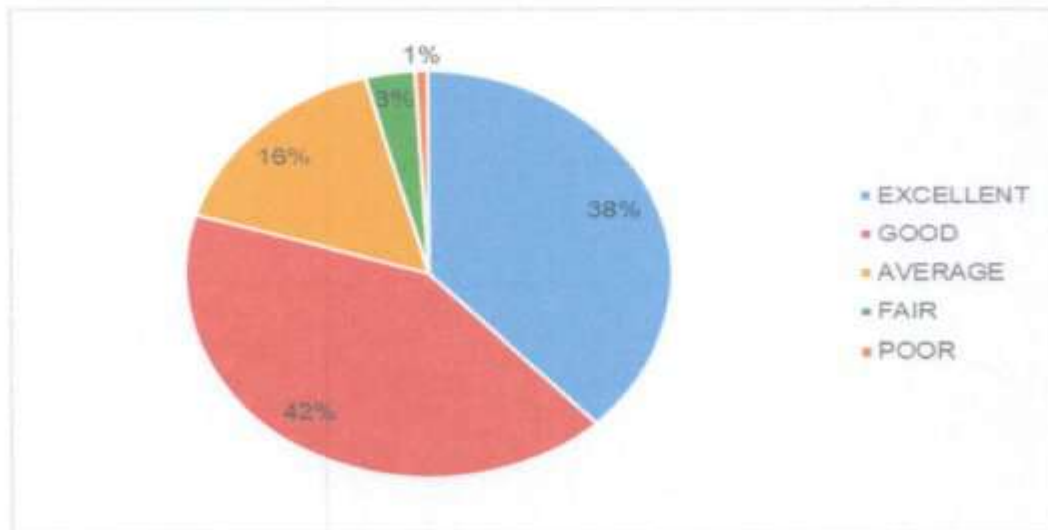
Q9. The institute provides adequate sports facilities



Q10. The institute provides adequate extra-curricular activities



Q11. Evaluate the overall academic experience you have with the faculty members



Overall, the feedback suggests a generally positive experience, highlighting areas of strength as well as opportunities for further enhancement.

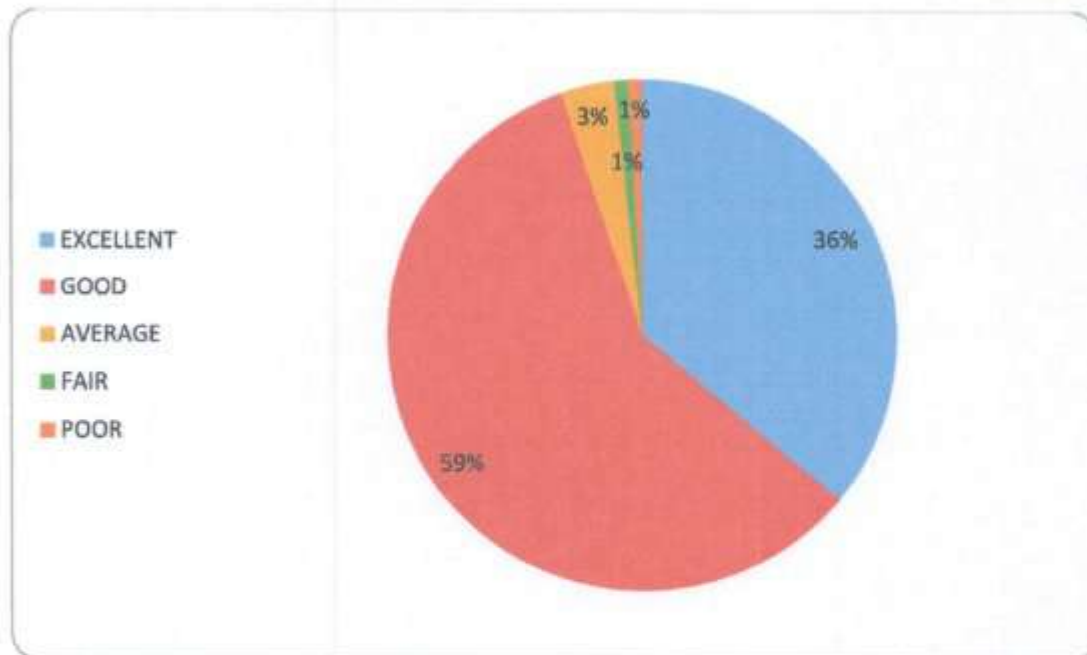


Teachers Feedback Analysis Report 2020-2021

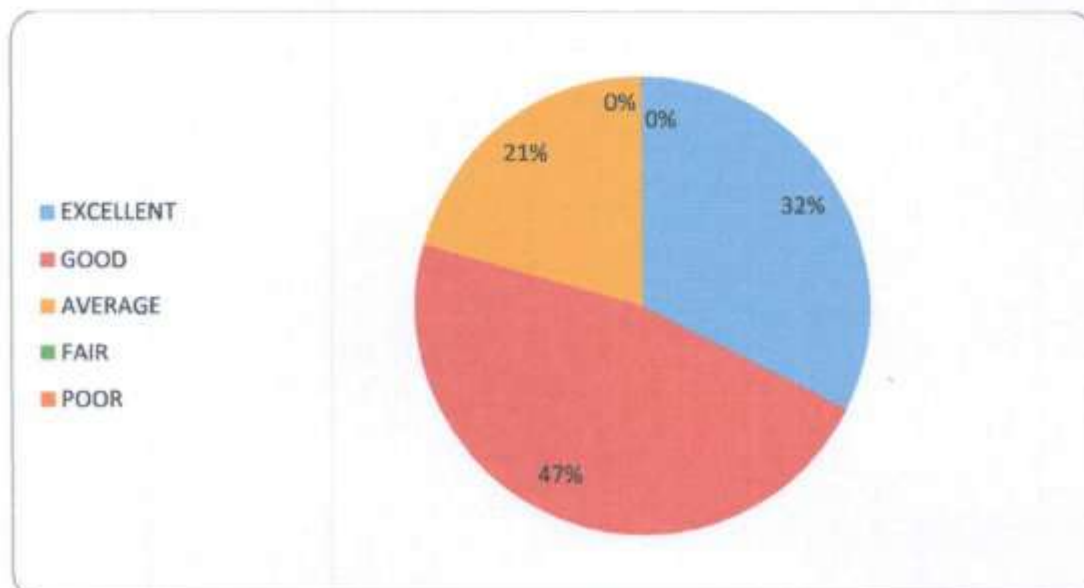
The faculty feedback report highlights the valuable insights provided by both U.G. and P.G. teachers regarding the strengths and areas for improvement in the respective curricula. The recommendations provided by the teachers served as a foundation for curriculum enhancements, ensuring a more comprehensive and industry-relevant education for the students.

Total responses = 117

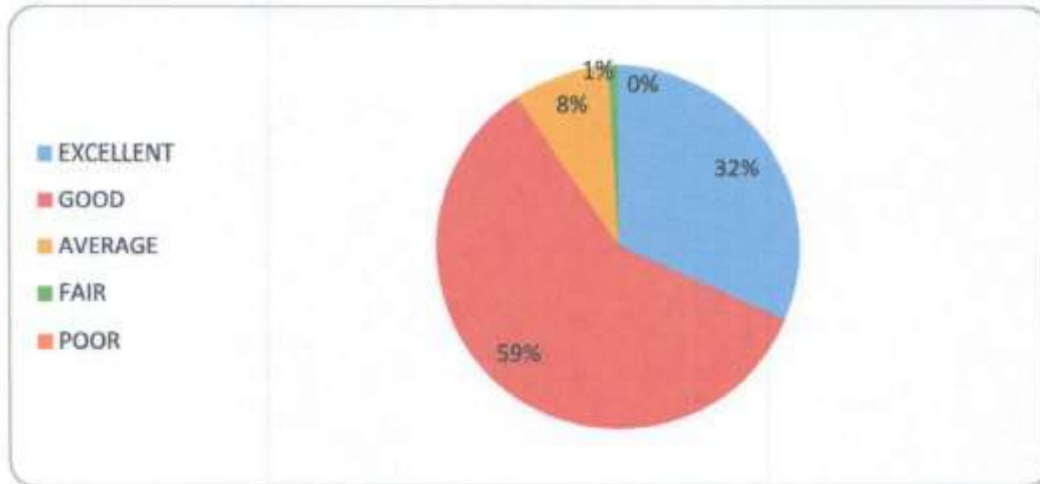
Q1. Please estimate the accuracy of your subject's result in last two years as expected



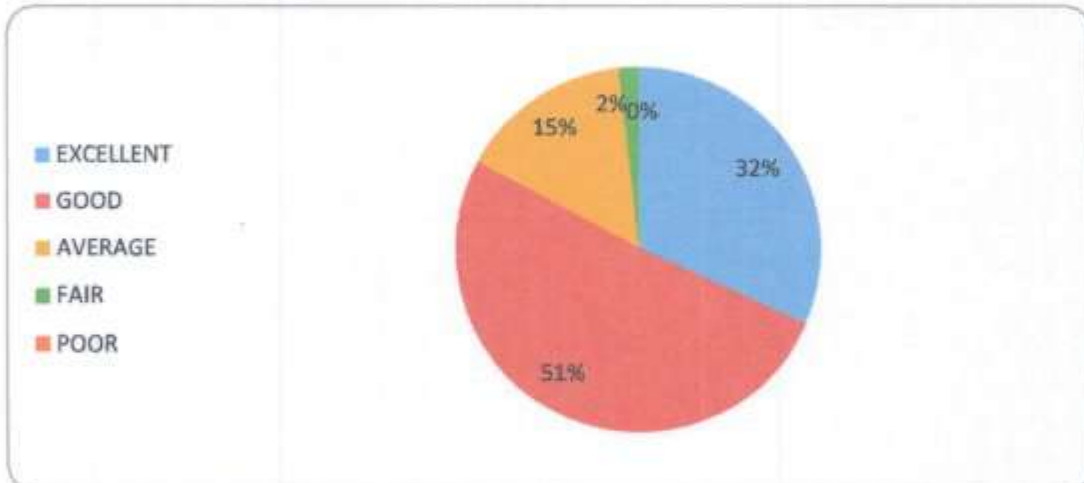
Q2. Rate the appropriateness of the course into bridging industry and academic needs.



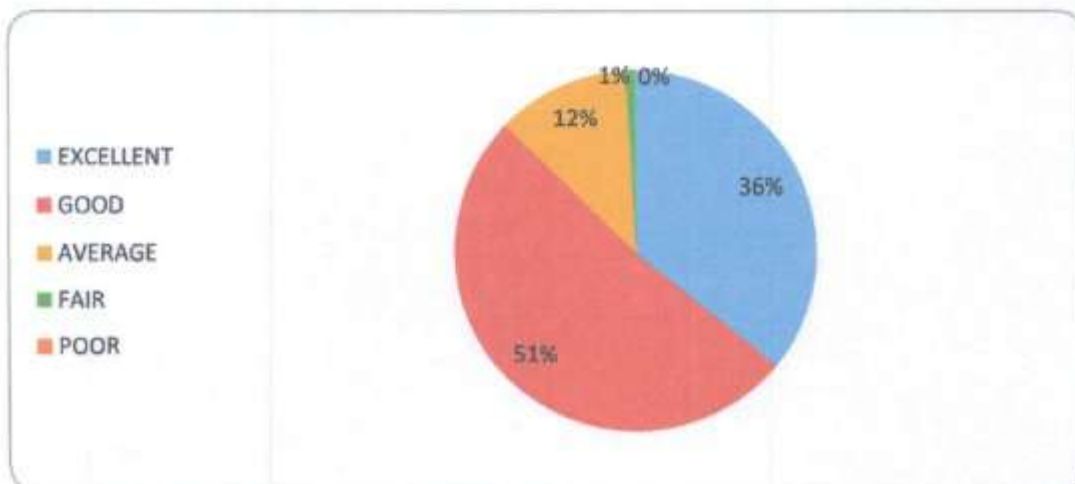
Q3. Rate the attainment of course outcome levels as planned in CDM



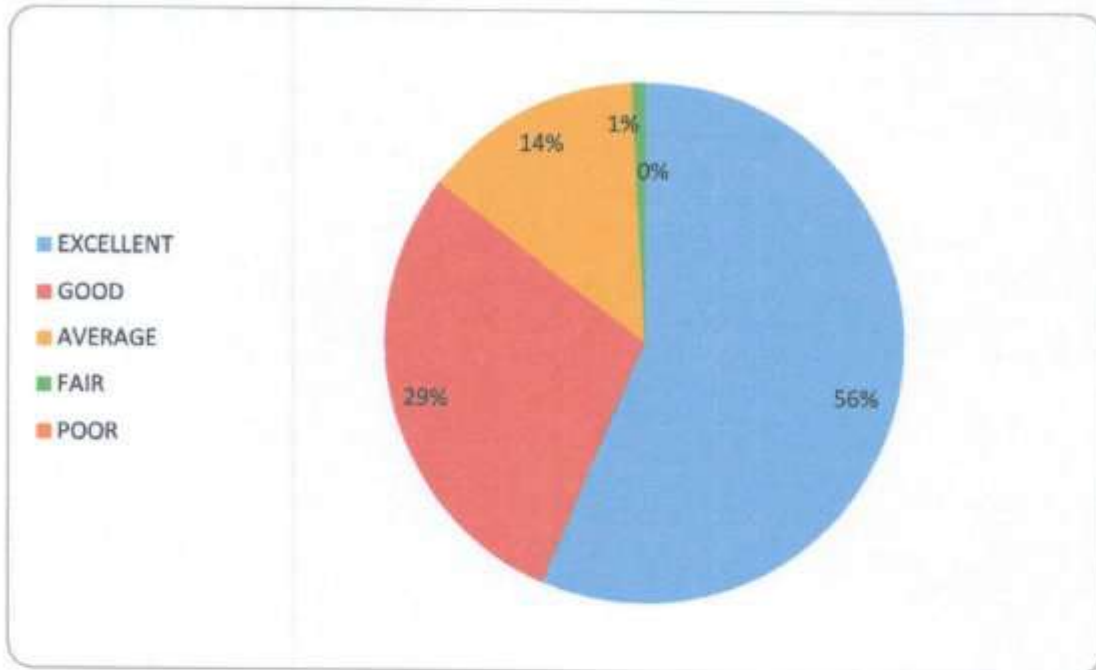
Q4. Rate the training you undertake for updated handling of the subject.



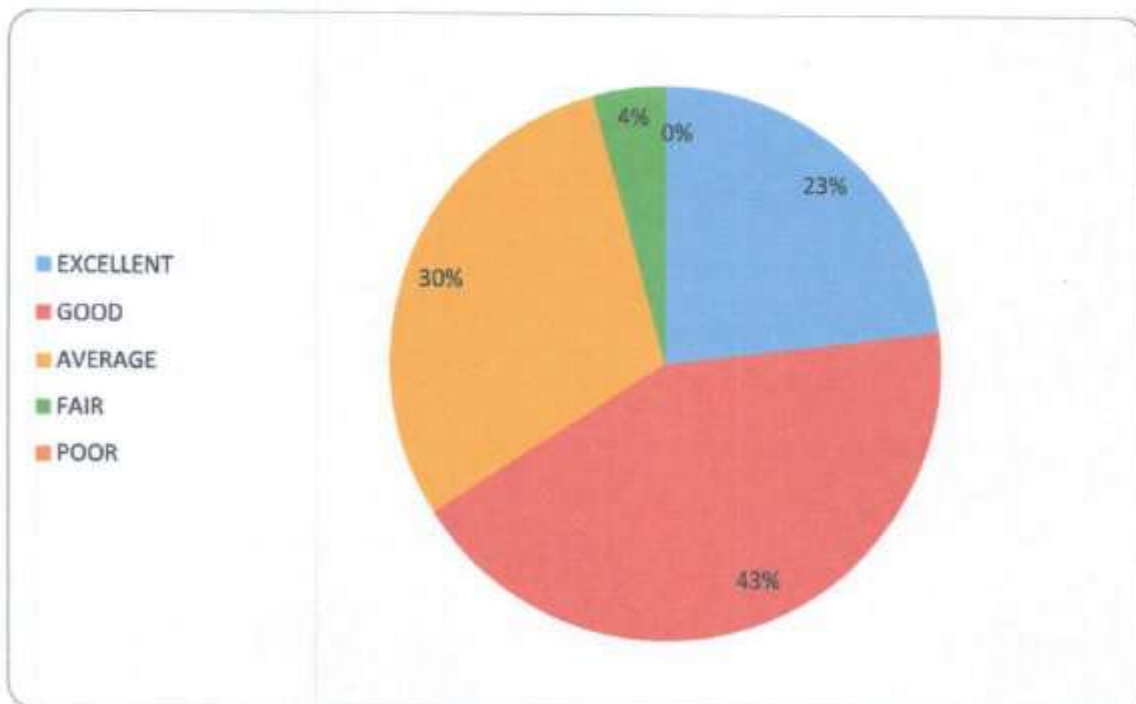
Q5. Rate the evaluation methods mentioned in the syllabus being sufficient for providing proper assessment.



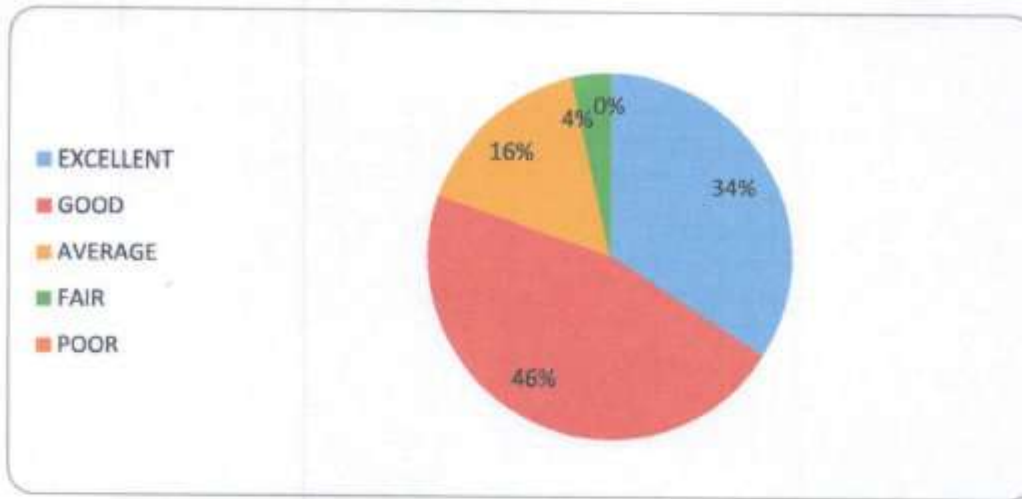
Q6. Rate the degree of freedom you get in adopting new strategies of teaching.



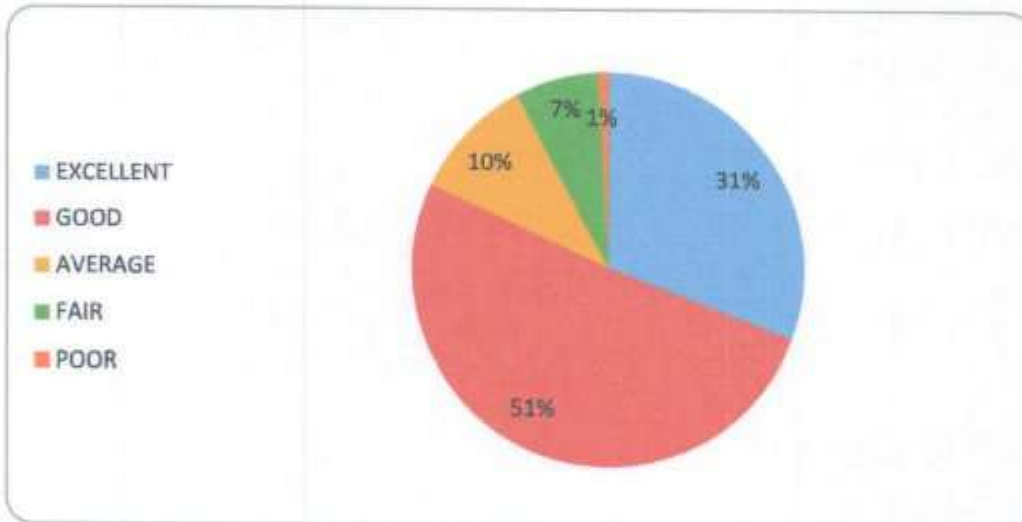
Q7. Rate the potential of students in experimental learning.



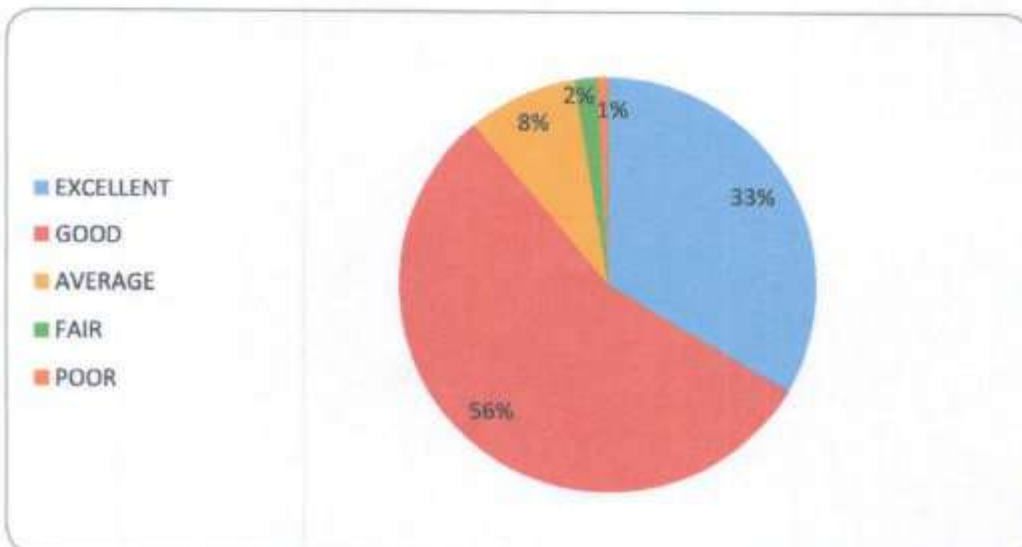
Q8. The curriculum is able to satisfy the learning ability, problem solving abilities of students.



Q9. Rate the facility in terms of lab and the resource to meet the curriculum.



Q10. Rate the curriculum in attaining respective PO and PSO.

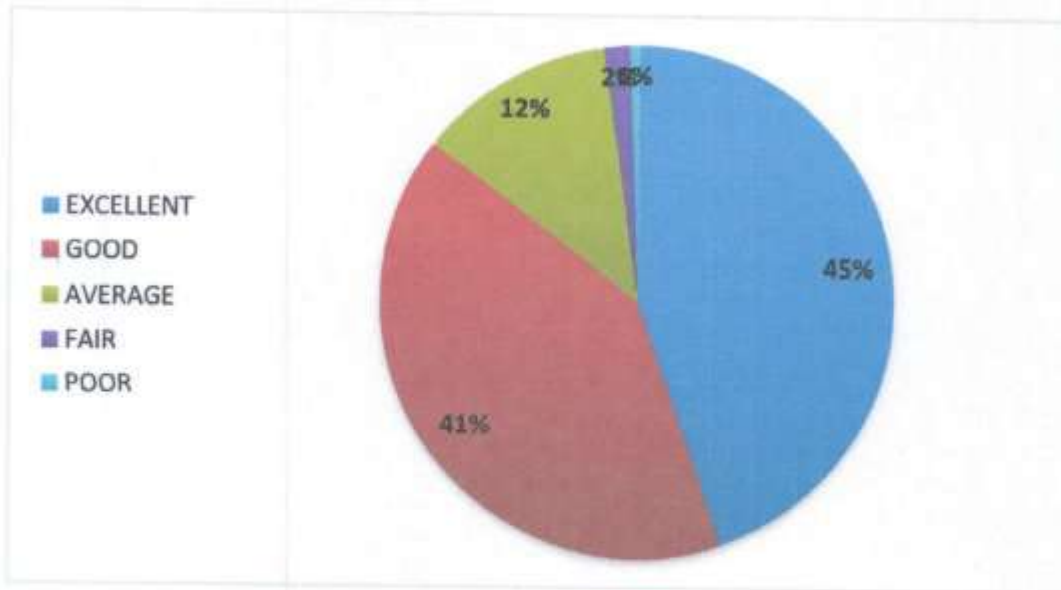


Alumni Feedback Analysis Report 2020-2021

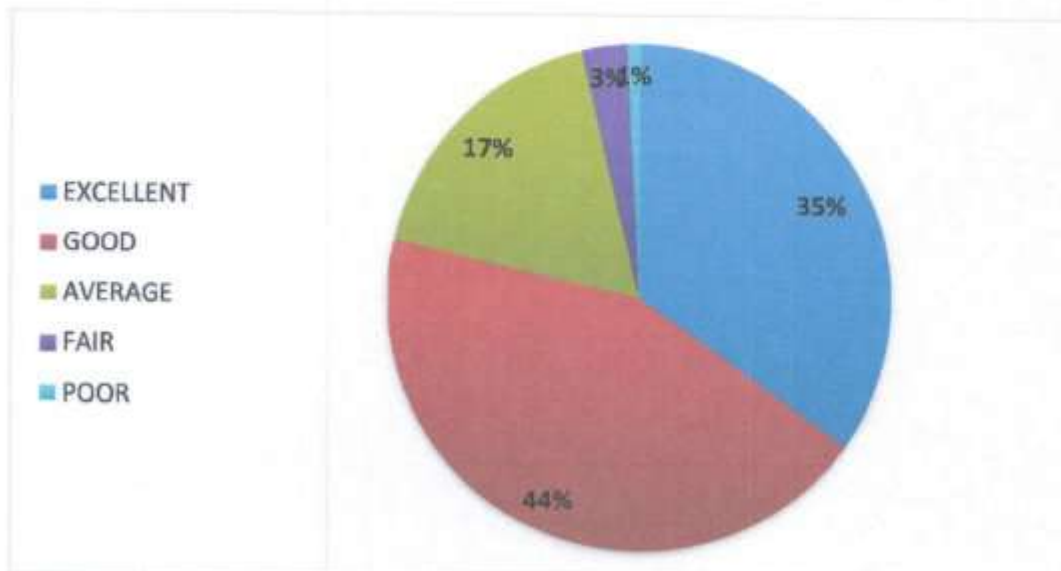
Based on the responses received from 716 alumni, the following are the key findings based on our questions:

Total Responses = 716

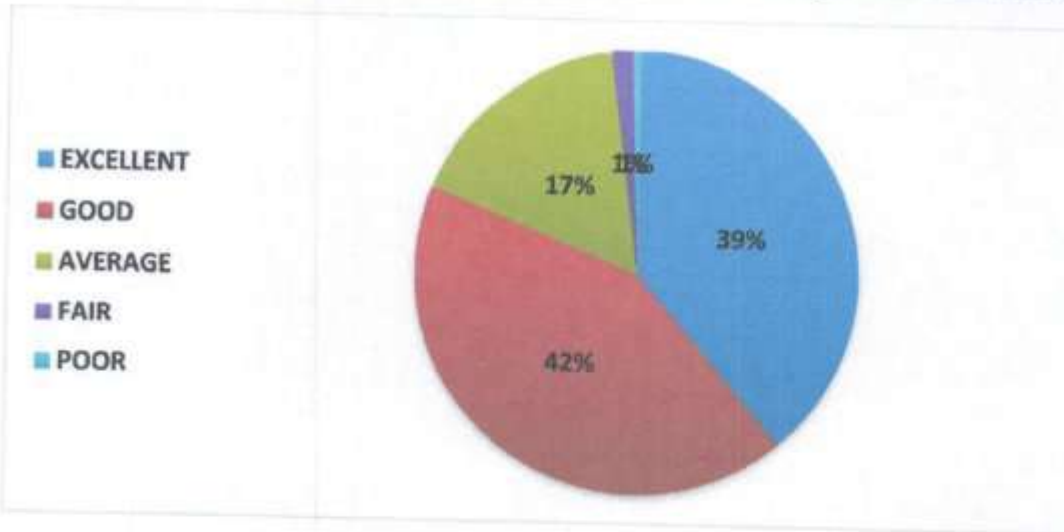
Q1. Rate the achievement of the following learning values through curriculum-Attitude.



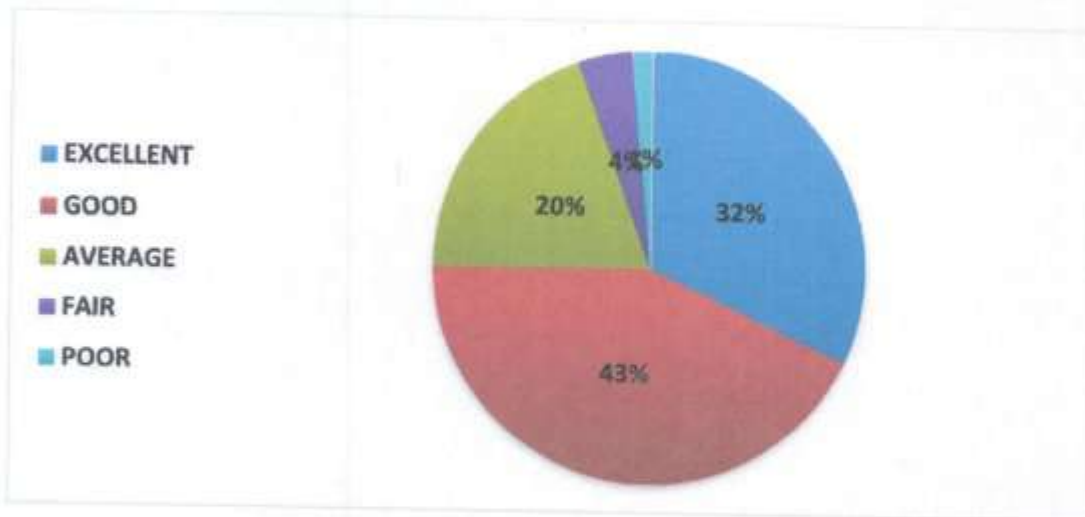
Q2. Rate the achievement of the following learning values through curriculum -Skill



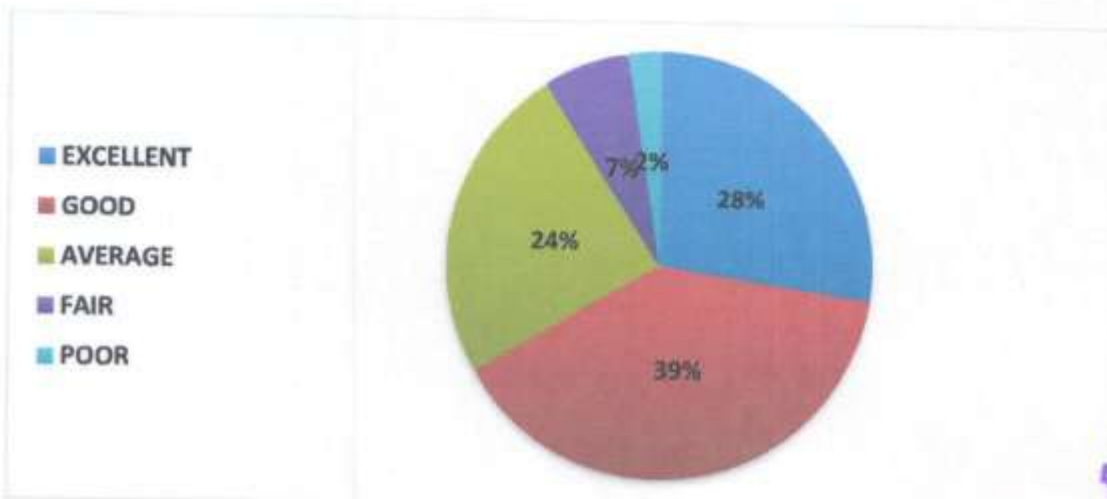
Q3. Rate the achievement of the following learning values through curriculum-Knowledge



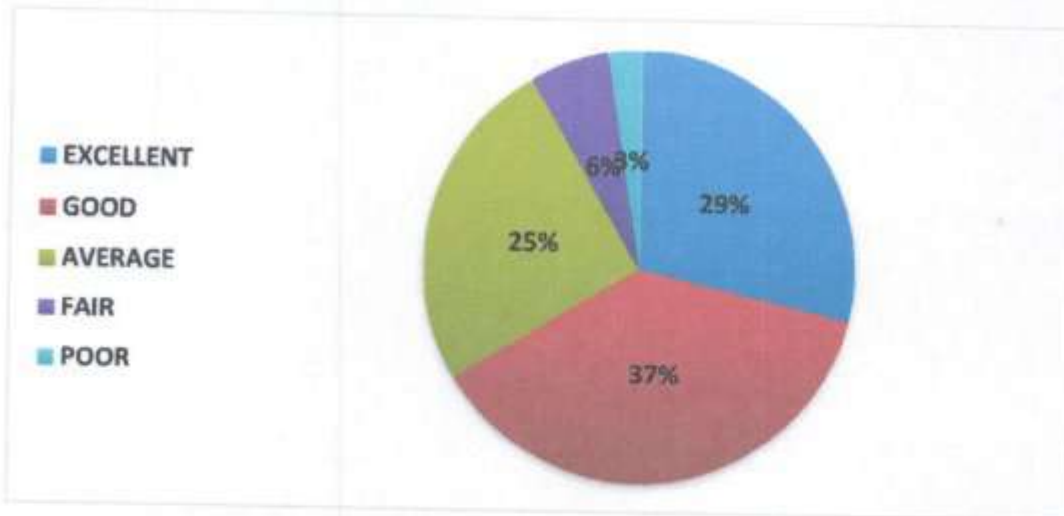
Q4. Rate the adequateness of the courses offered in the Program



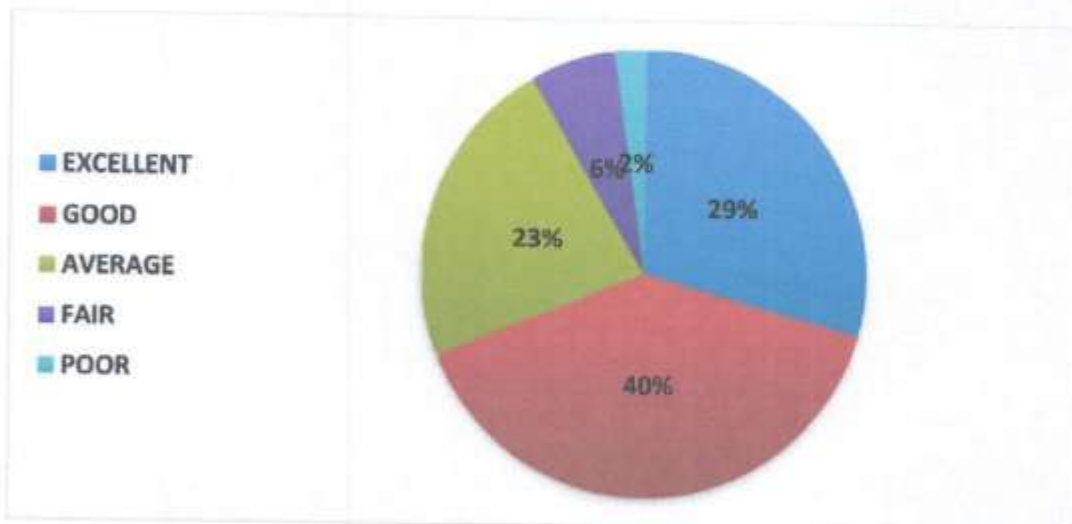
Q5. Rate the suitability of curriculum to be compatible with the industry standard and applicability to real life situations



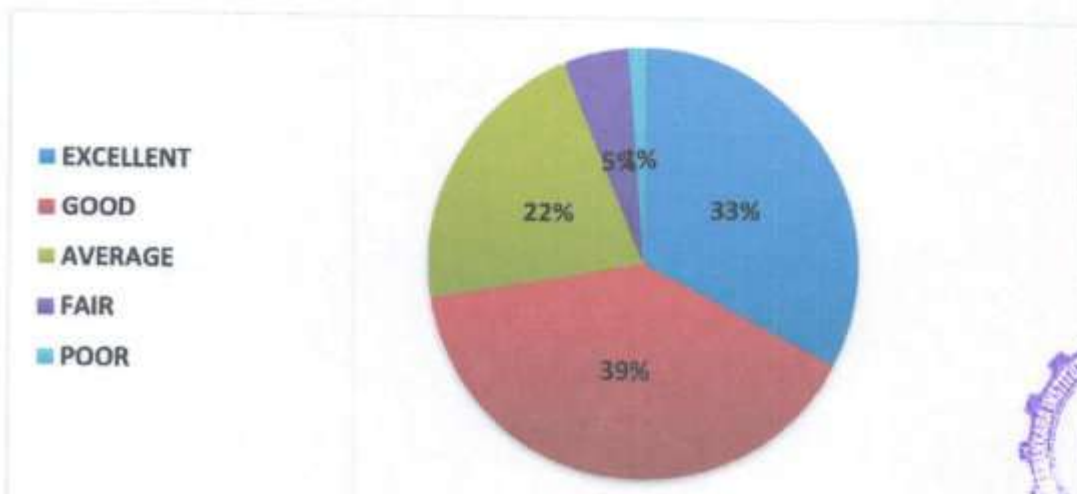
Q6. Rate the curriculum in relation to your current professional standards



Q7. Rate the effectiveness of electives in relation to your current job.



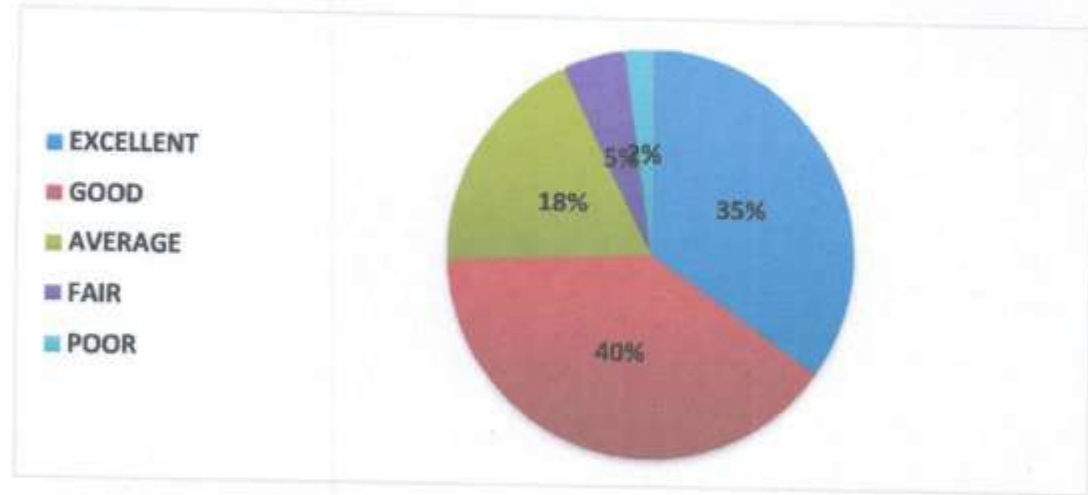
Q8. The curriculum was helpful to analyze problems and identify necessary solutions.



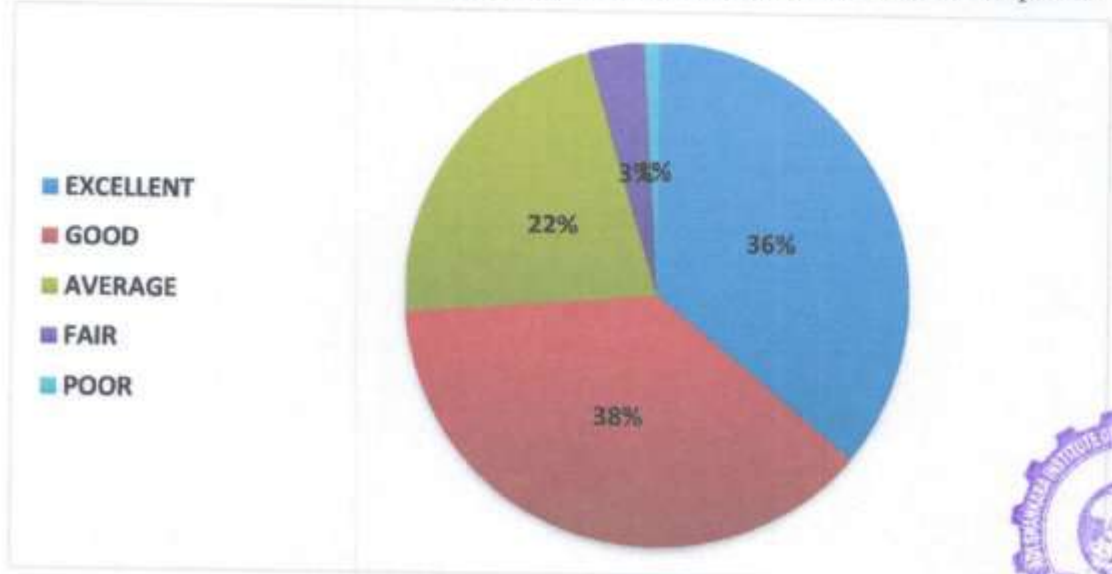
Q9. The curriculum has helped you in developing and nurturing lifelong learning attitudes and abilities.



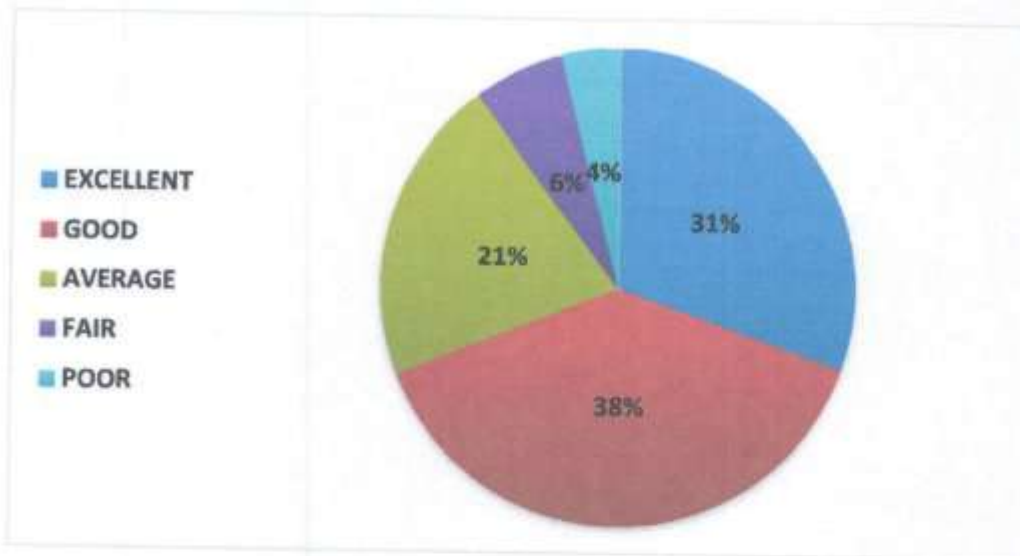
Q10. The curriculum has provided the necessary skills to attain career objectives



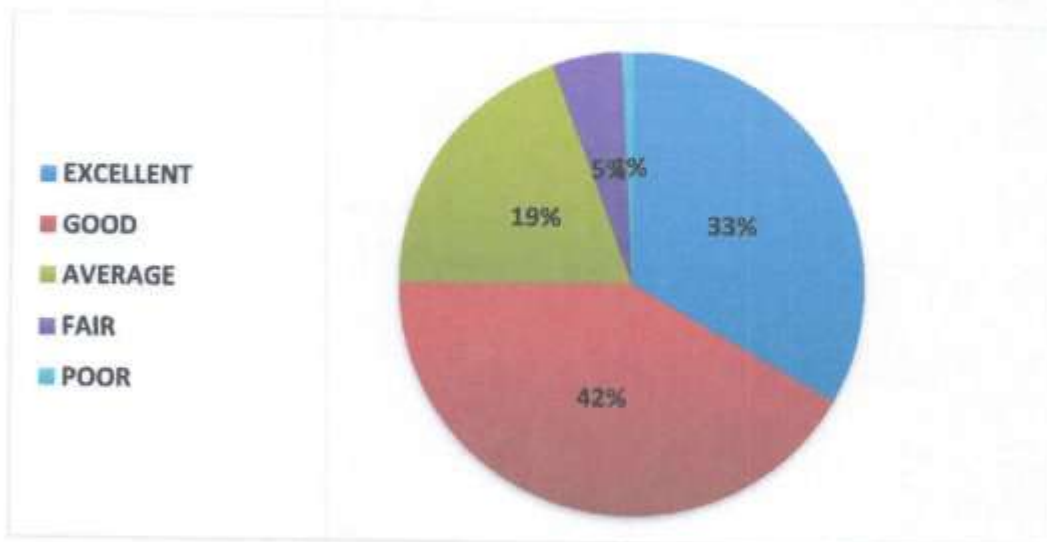
Q11. Infrastructure facilities meet your expectations in relation to career development



Q12. Curriculum meets the current job needs.



Q13. Give Overall rating for the curriculum

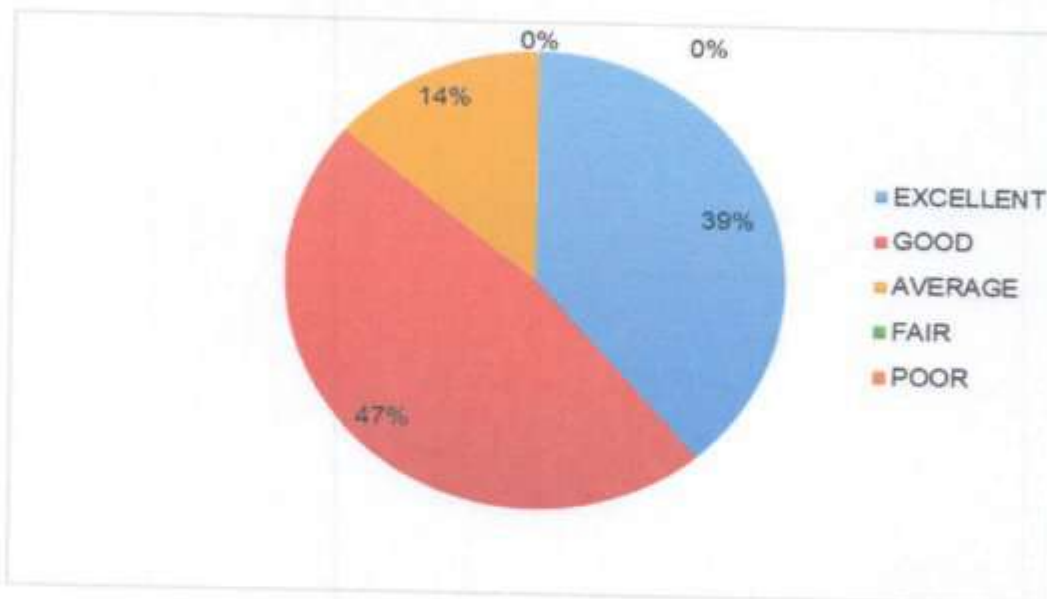


Parents Feedback Analysis Report 2020-2021

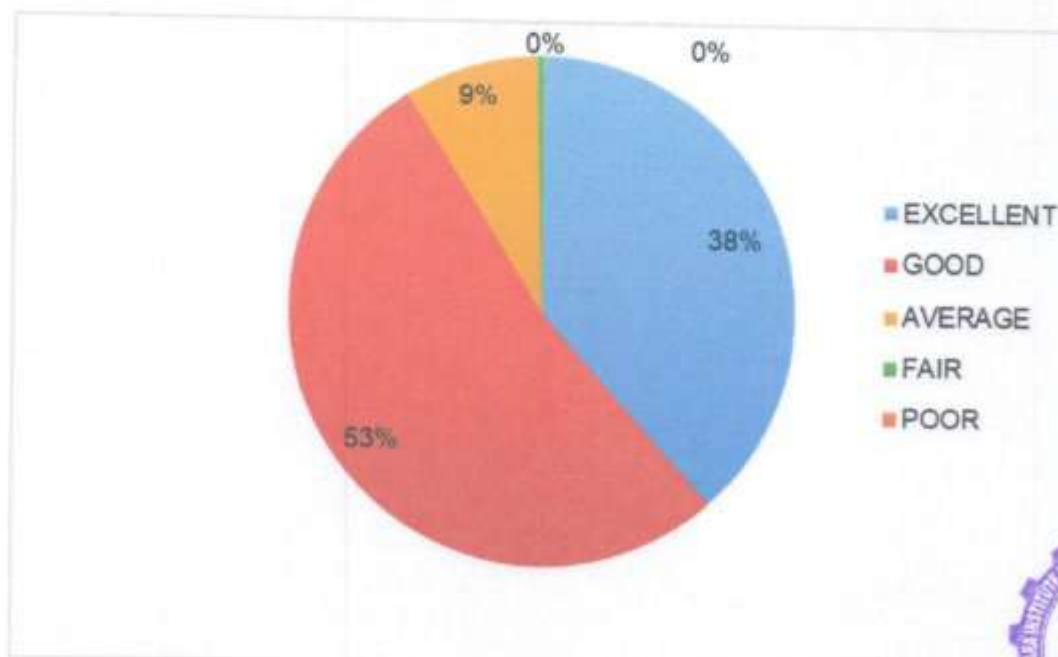
Based on the responses received from 223 parents, the following are the key findings based on our questions:

Total Responses = 223

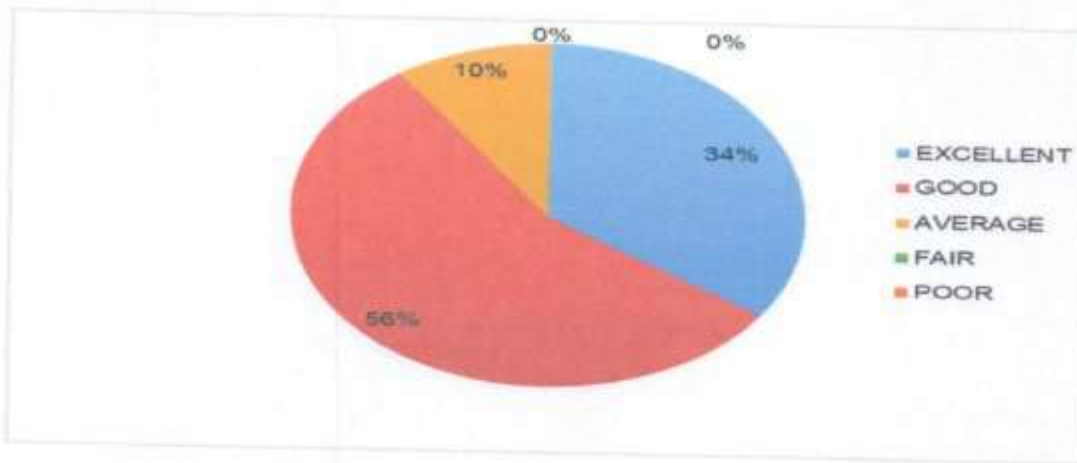
Q1. How do you rate the inputs given by the department to improve the academic performance of your ward?



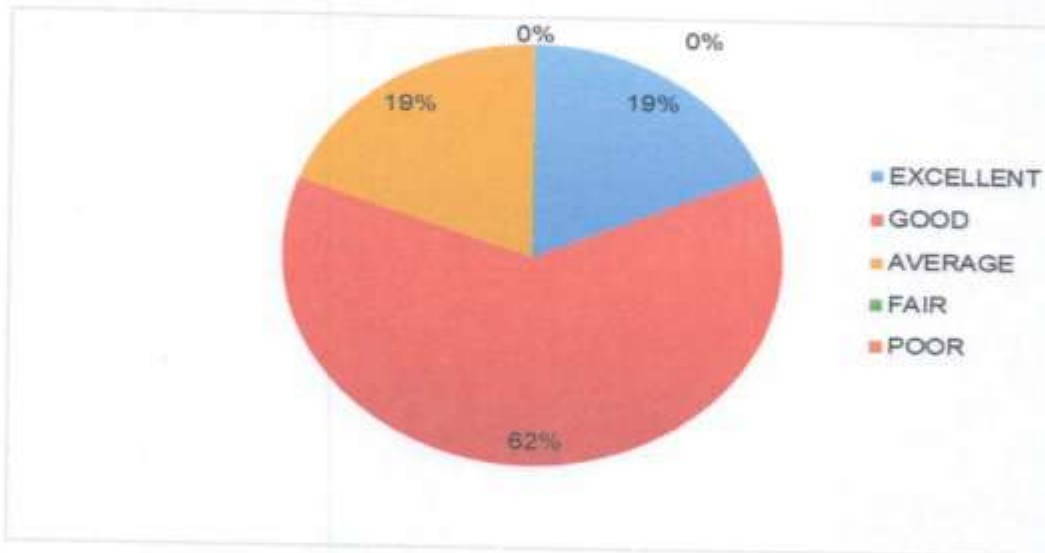
Q2. How do you rate the teaching and learning process in the department?



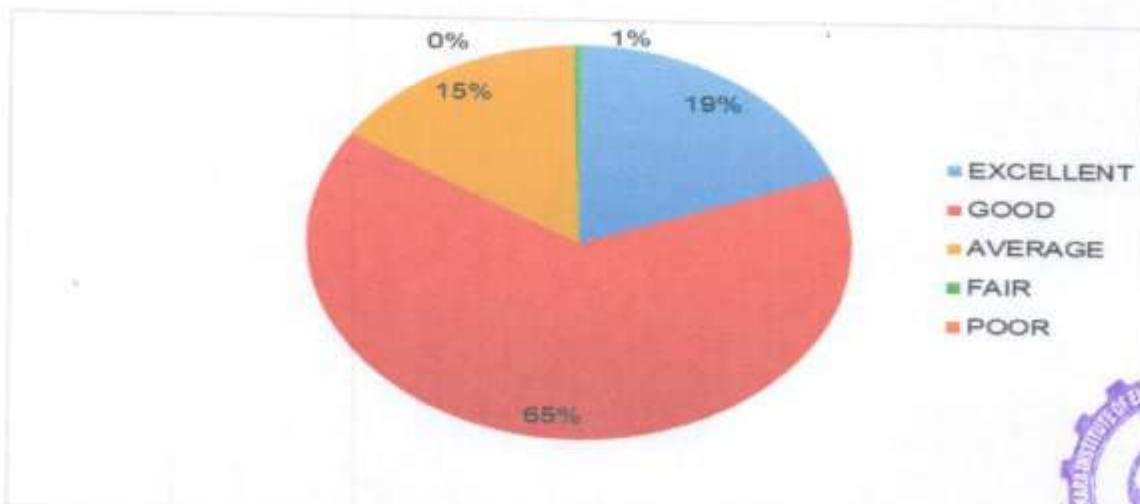
Q3. How do you rate the training provided by department for personality development of your ward?



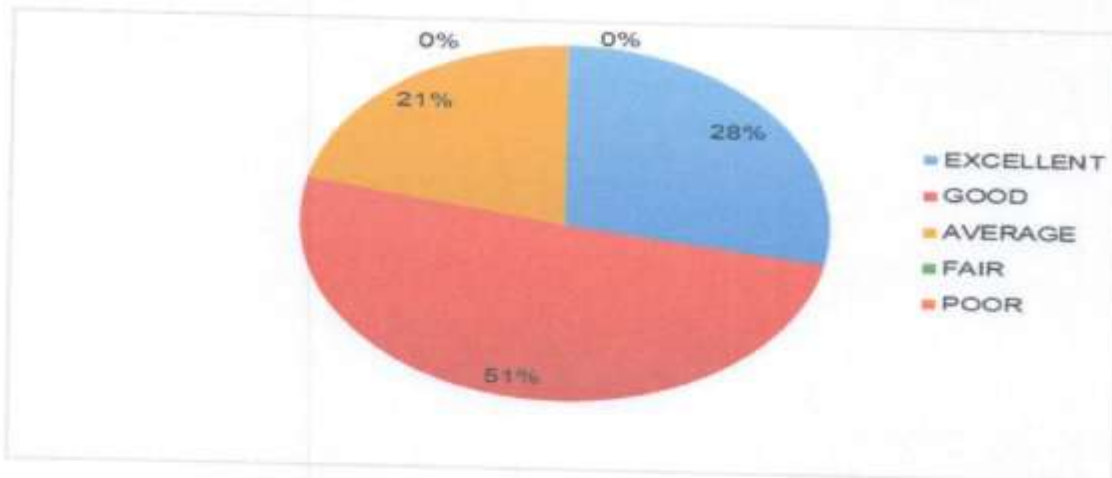
Q4. How do you rate the conducive environment in campus for learning?



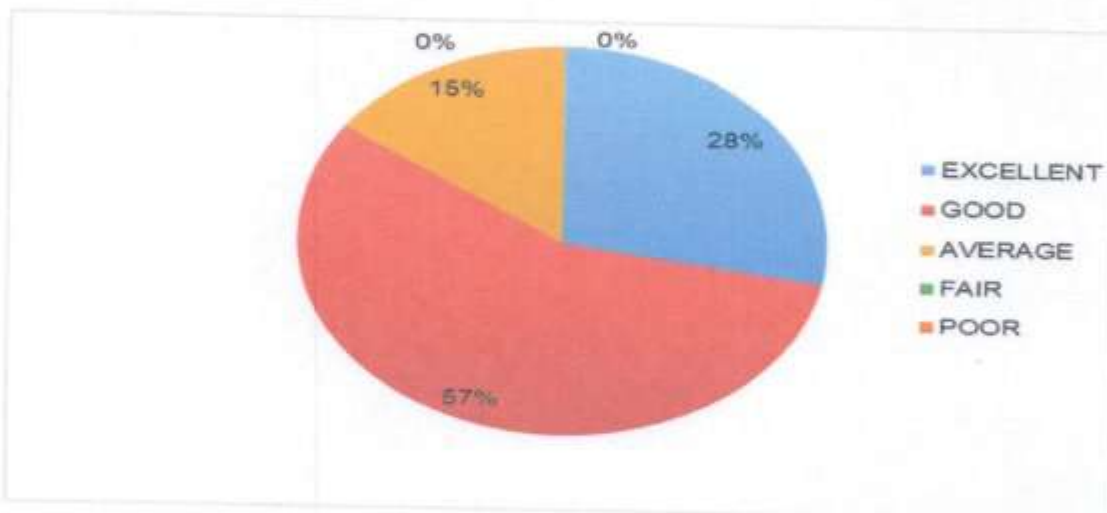
Q5. How do you rate the campus facilities (Library, Labs, workshops, classrooms, etc.) provided to your ward for academic development?



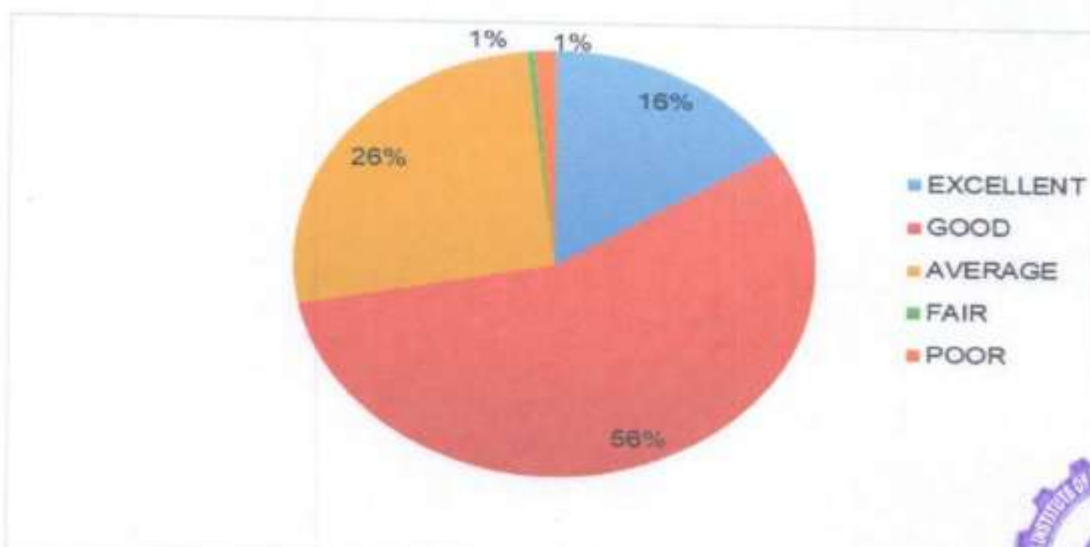
Q6. To what extent you are satisfied with the correspondence / interaction made regarding performance, overall behavioural attitude of your ward.



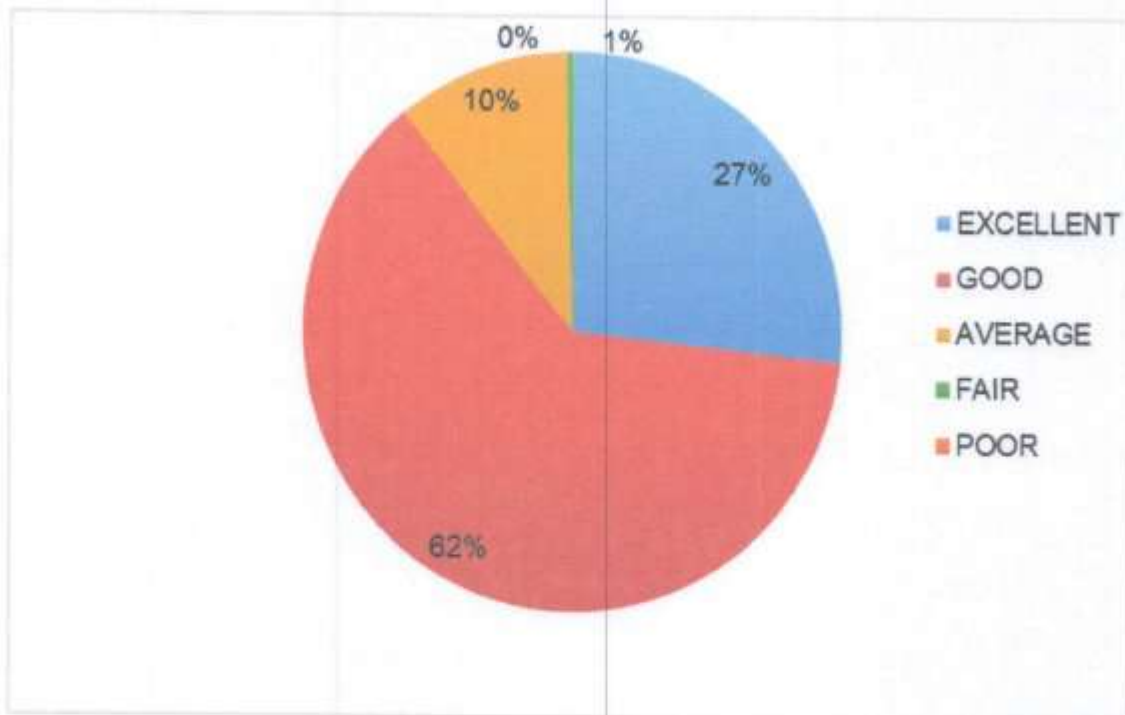
Q7. To what extent you are satisfied with hostel facilities?



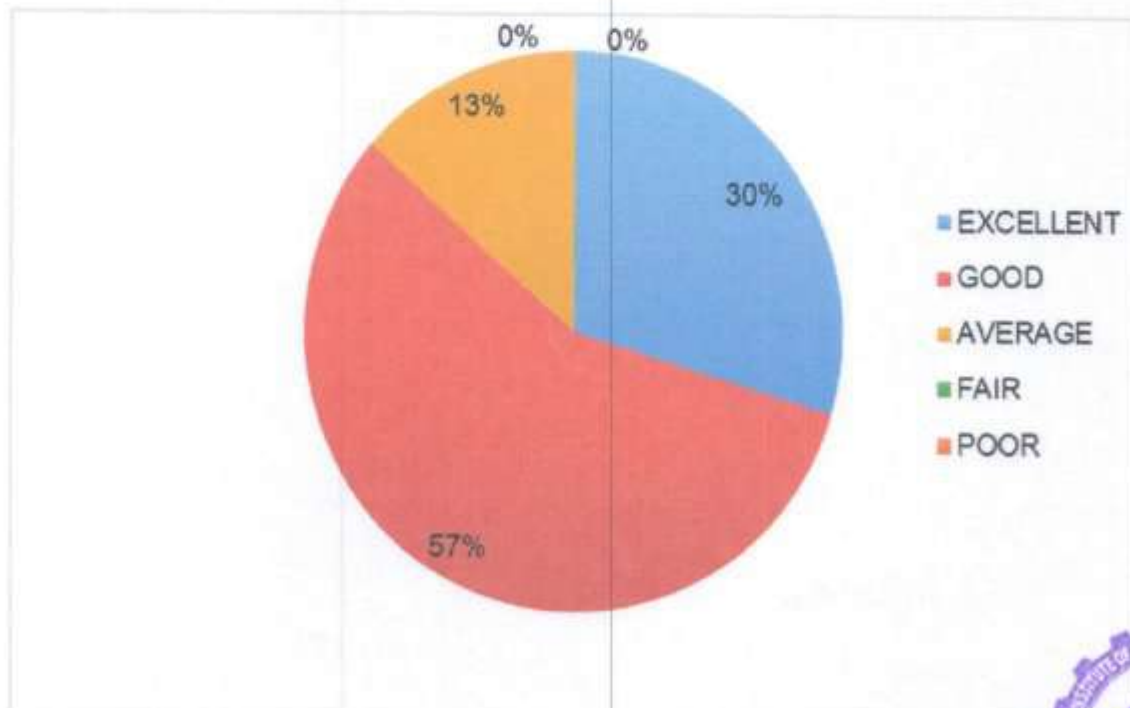
Q8. To what extent you are satisfied with transport services?



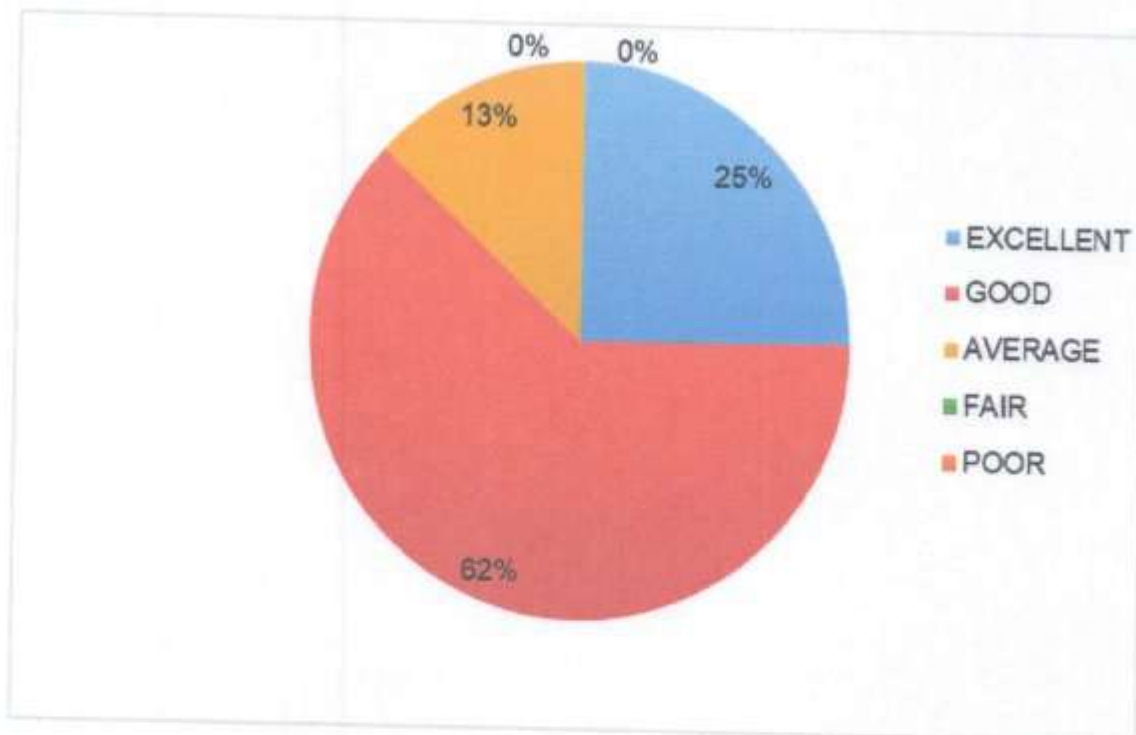
Q9. How do you rate the additional support or activities provided by the department to your ward?



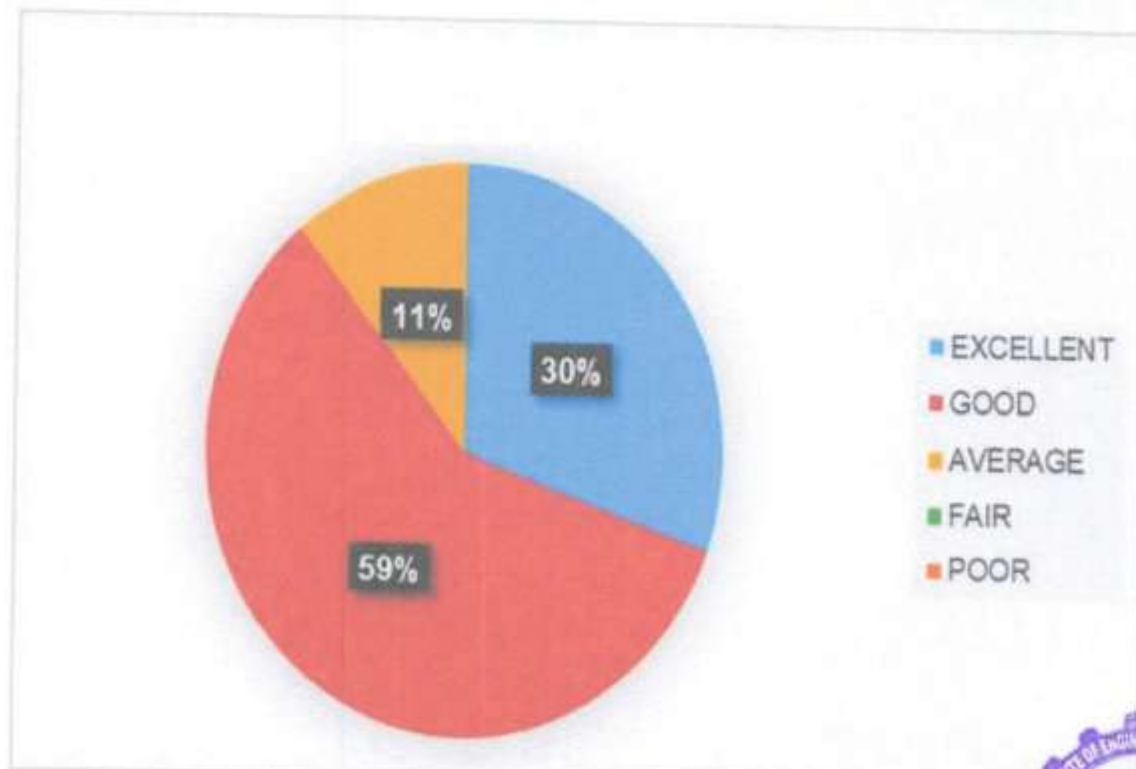
Q10. How do you rate teacher- student relationship?



Q11. How do you rate extracurricular activities?



Q12. To what extent your expectations of admitting your ward to ASIET are fulfilled?

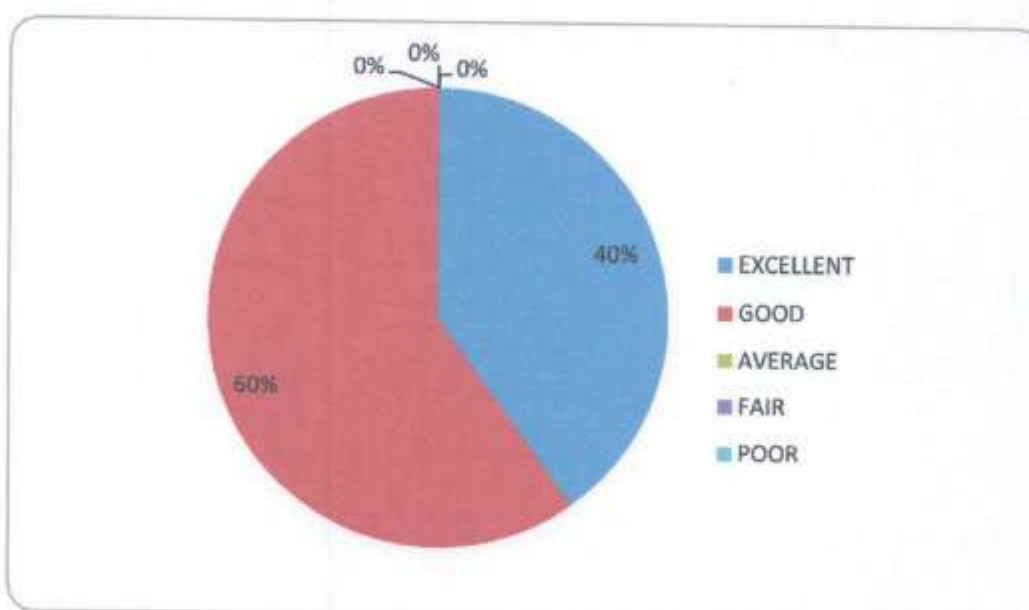


Employers Feedback Analysis Report 2020-2021

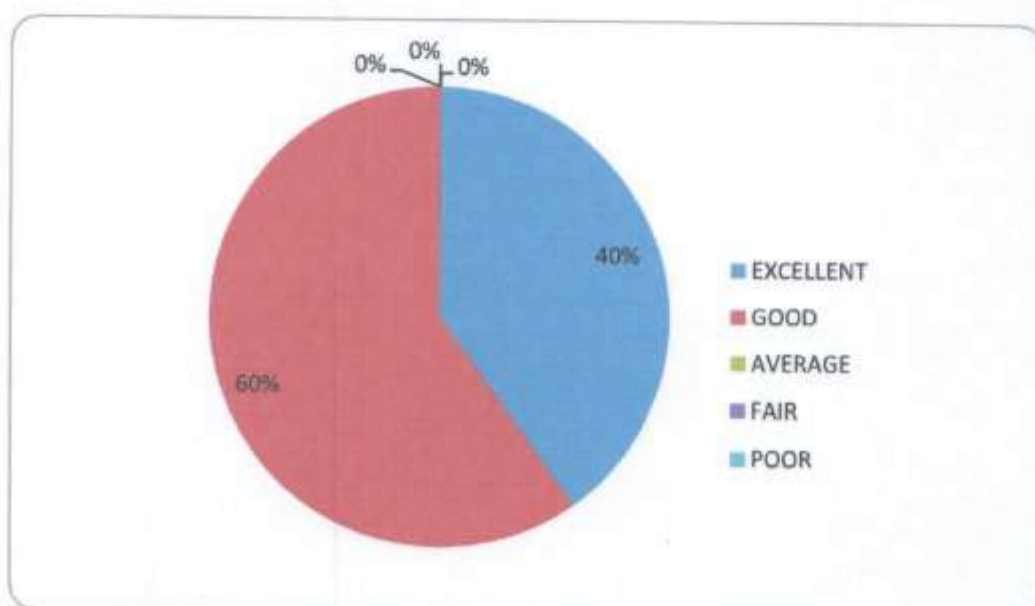
This section of the report presents a comprehensive analysis of the feedback received from various employers. The feedback is crucial in understanding how well our institution's curriculum aligns with industry requirements and the employability of our graduates. This analysis serves as a vital tool in our on-going efforts to refine our academic programs and ensure our students are well-equipped for their professional careers.

Total response = 5

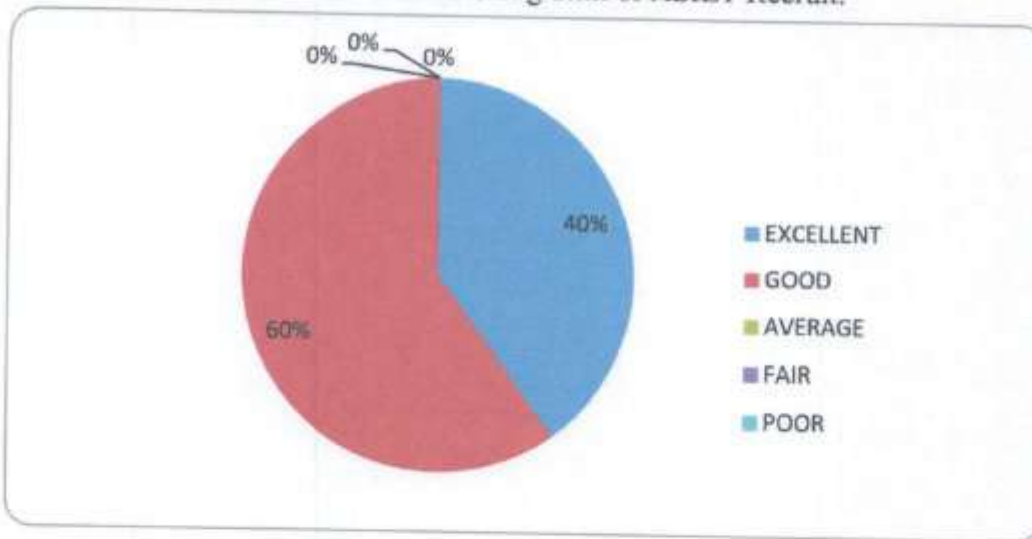
Q1. Rate the soft skill of the ASIET Recruit.



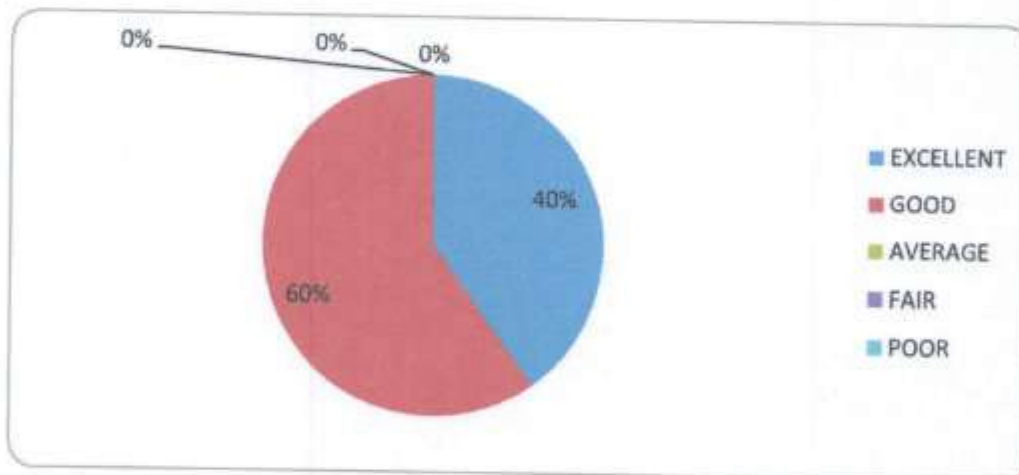
Q2. Rate the Interpersonal Skills of ASIET Recruit.



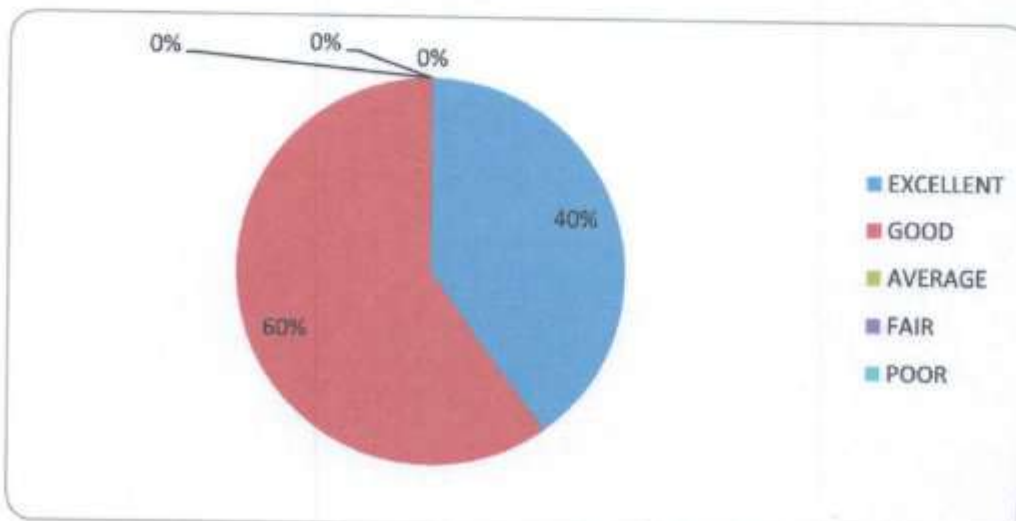
Q3. Rate the Communication and Listening Skill of ASIET Recruit.



Q4. Rate the Leadership Skill of ASIET Recruit.



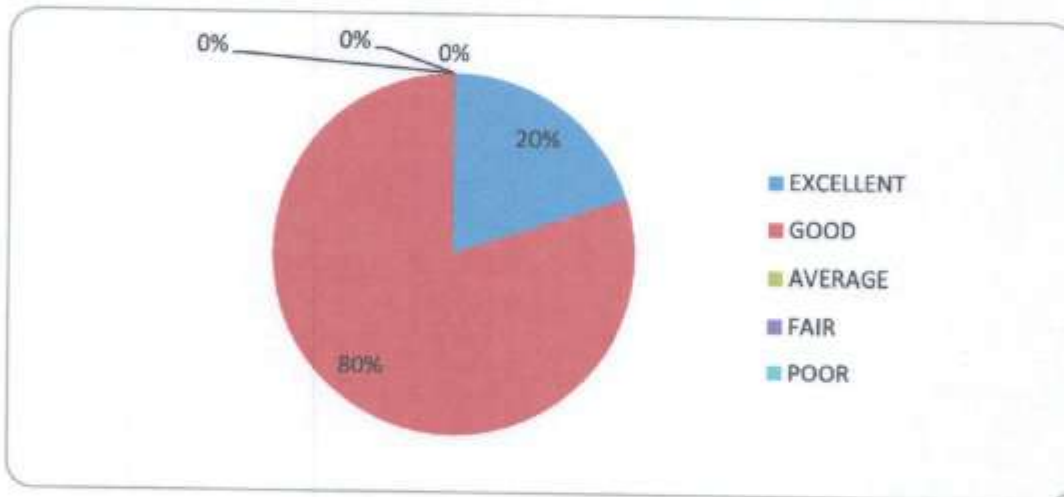
Q5. Rate the Confidence of ASIET Recruit.



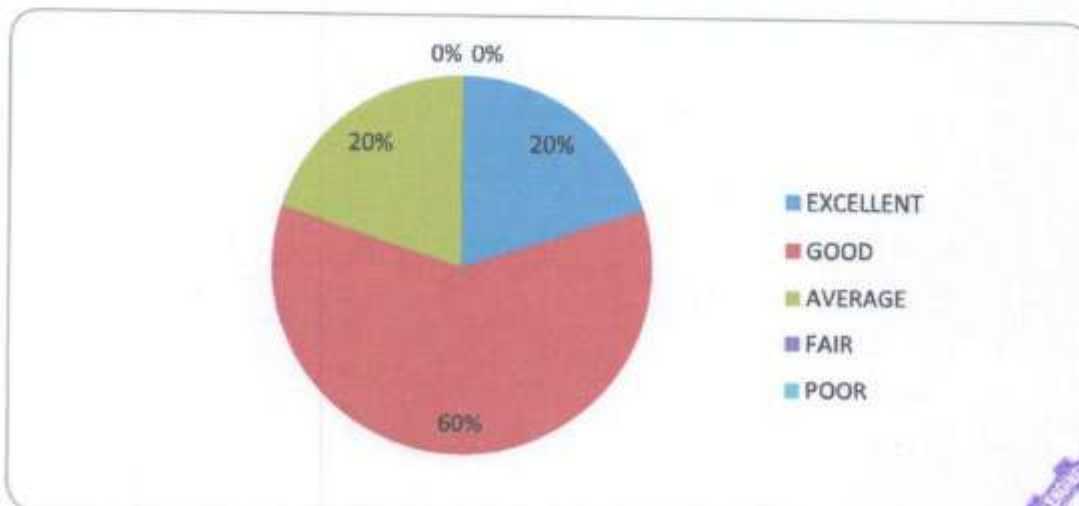
Q6. Recruit has obtained functional knowledge through their curriculum of the course.



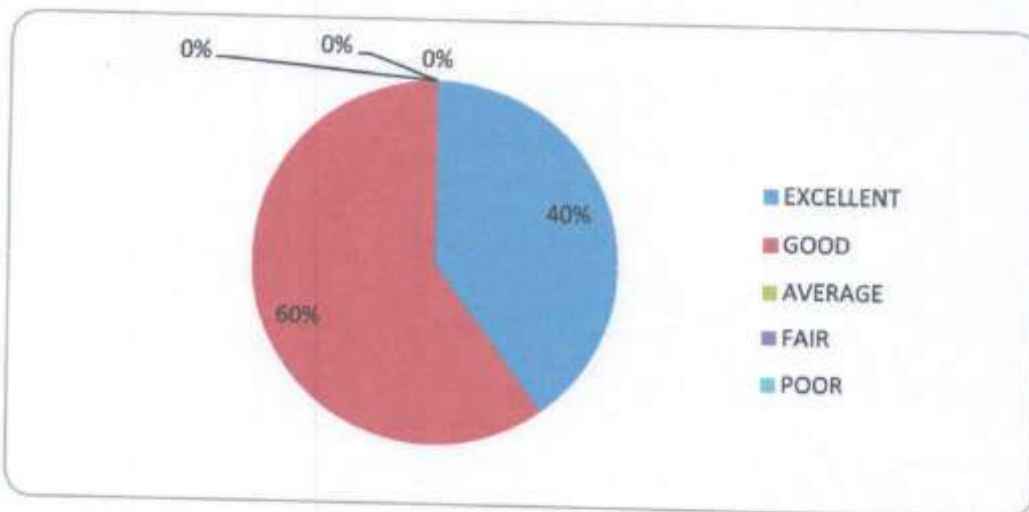
Q7. Ability to apply technical knowledge and handle the job requirements.



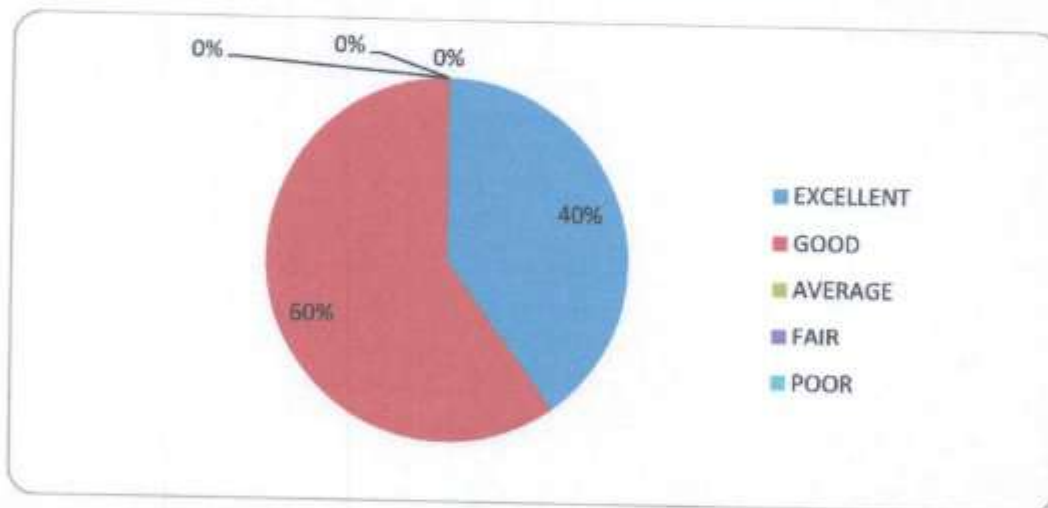
Q8. Ability to adapt quickly to the standards and procedures to the company.



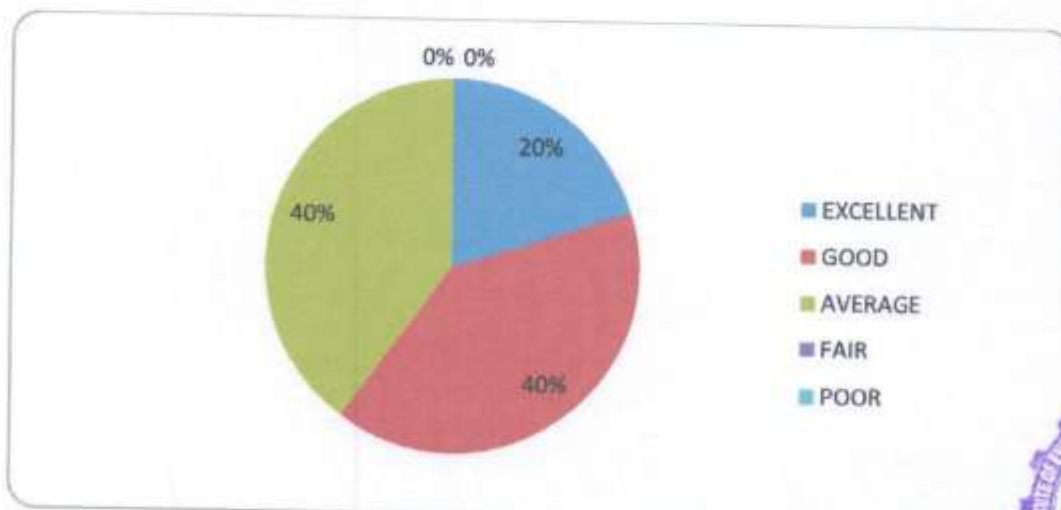
Q9. Their Skills matches the job requirements



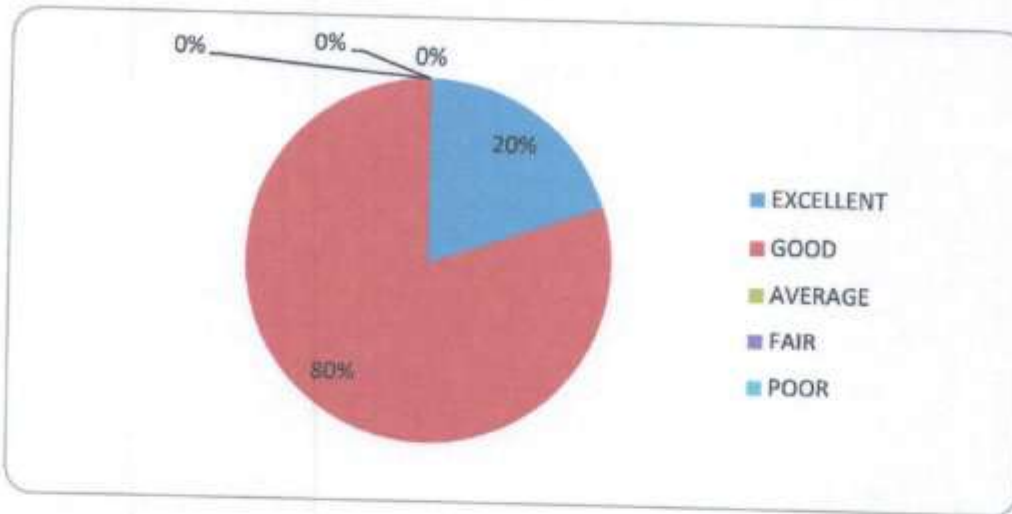
Q10. Ability of the recruit to performance as a good team player.



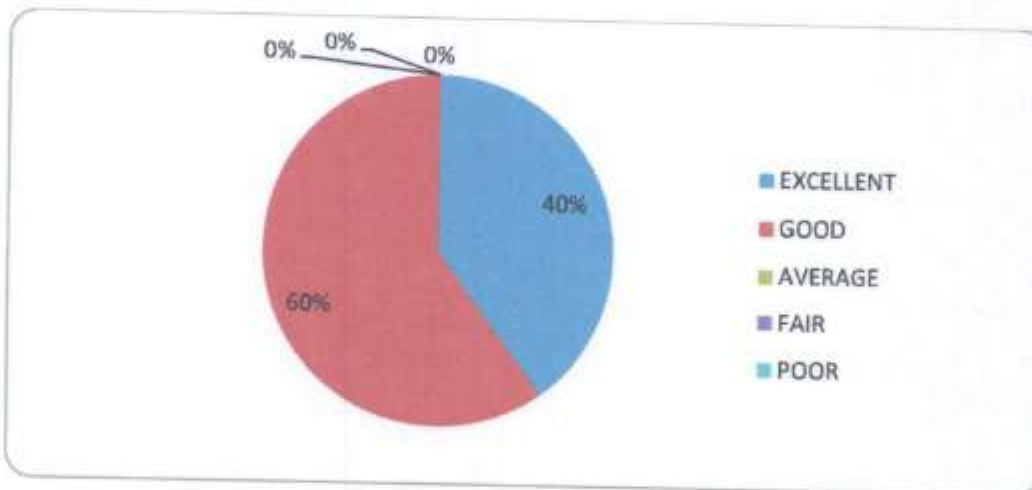
Q11. Ability to update current knowledge.



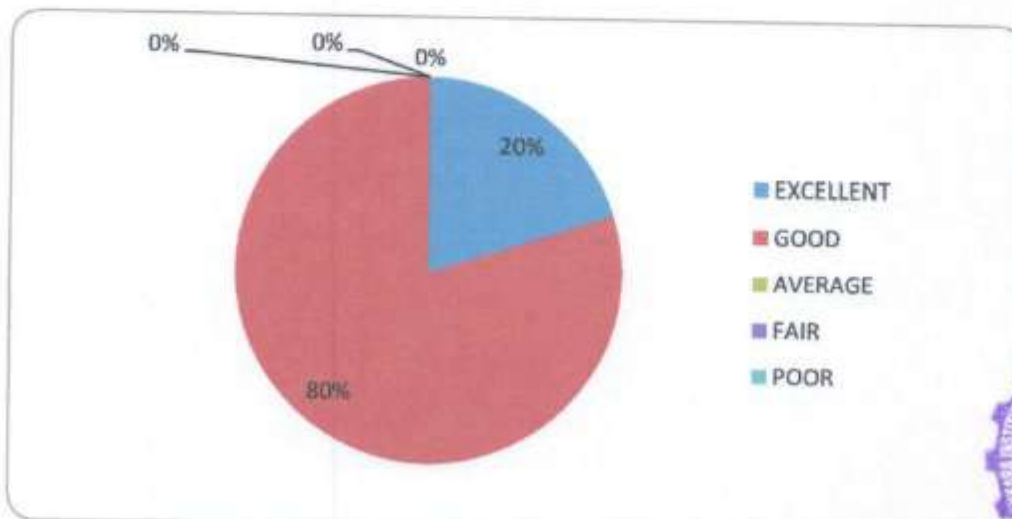
Q12. Ability in decision making capability.



Q13. Able to demonstrate professional ethics.



Q14. Rate the overall performance of the recruit.





FEEDBACK ANALYSIS REPORT
DEPARTMENT WISE
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Stakeholders' Feedback Analysis Report 2020 – 2021

The detailed department-wise analysis for each stakeholder group, presented through two distinct bar charts. The first chart visually represents responses to specific questions on a 5-point scale, offering a clear comparison of feedback across different aspects addressed by students, parents, teachers, alumni and employers. This allows for a nuanced understanding of strengths and areas needing improvement within each department. The second bar chart focuses on the percentage effectiveness of responses to each question by stakeholders, highlighting the impact and alignment of institutional actions with stakeholder expectations. Together, these charts facilitate a comprehensive evaluation of feedback outcomes, guiding targeted interventions and strategic planning aimed at continuous enhancement of educational quality and campus experience at ASIET.

The first bar chart provides a visual representation of stakeholders' responses to specific questions (Q1, Q2, Q3, etc.) on a 5-point scale. Each bar corresponds to a question, and the height of the bar indicates the average or aggregate rating given by stakeholders across different groups (students, parents, teachers, alumni, employers).

- **X-axis:** Lists each question (Q1, Q2, Q3, etc.).
- **Y-axis:** Represents the 5-point scale (e.g., 1 = Poor, 5 = Excellent).
- **Bars:** Each bar represents the average rating or percentage distribution of responses for a specific question across all stakeholder groups.

Second bar chart illustrates the percentage effectiveness of each question based on stakeholders' responses. It provides insights into how well the institution's actions or improvements have addressed stakeholders' concerns and suggestions across all questions.

- **X-axis:** Lists each question (Q1, Q2, Q3, etc.).
- **Y-axis:** Represents the percentage effectiveness (e.g., from 0% to 100%).
- **Bars:** Each bar shows the effectiveness percentage for a specific question, calculated based on stakeholders' ratings and feedback.

Analysis and Action

By comparing these two bar charts, institutional leaders can:

- Identify questions or areas where stakeholders' opinions diverge significantly.
- Focus on questions with lower effectiveness percentages to prioritize improvements.
- Acknowledge and build on strengths highlighted by positive ratings.
- Plan targeted actions and interventions to address specific concerns raised by stakeholders effectively.

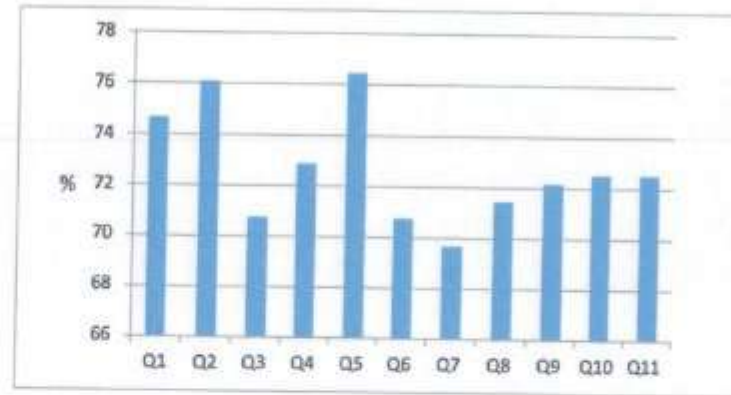
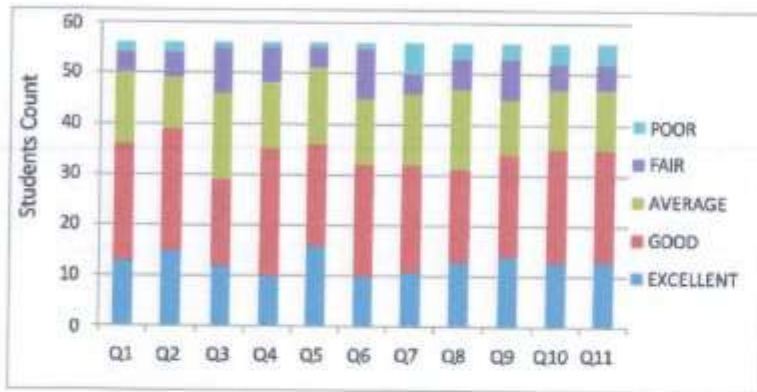
These visual representations not only simplify complex feedback data but also facilitate informed decision-making and strategic planning to enhance overall stakeholder satisfaction and institutional effectiveness at ASIET.



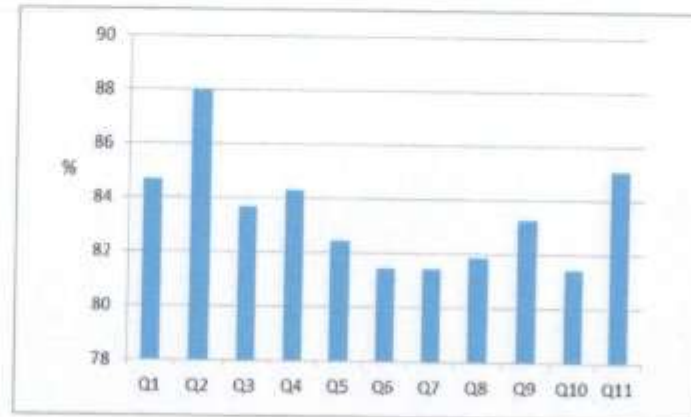
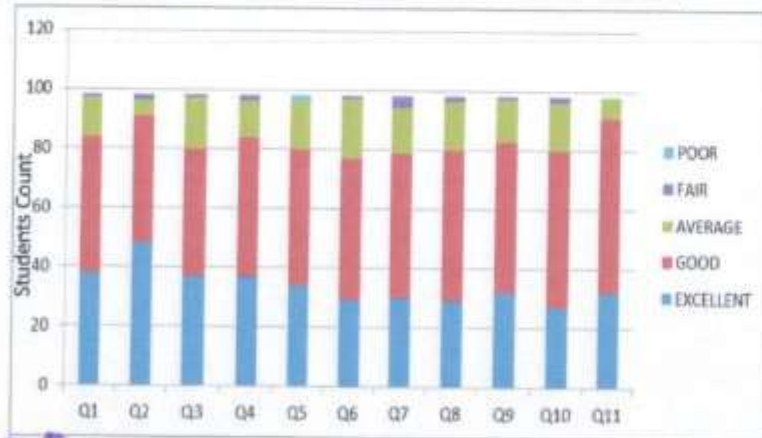


STAKEHOLDER-STUDENTS

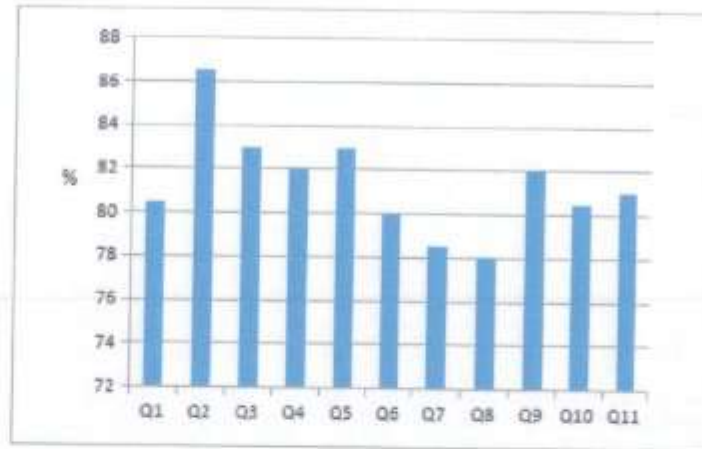
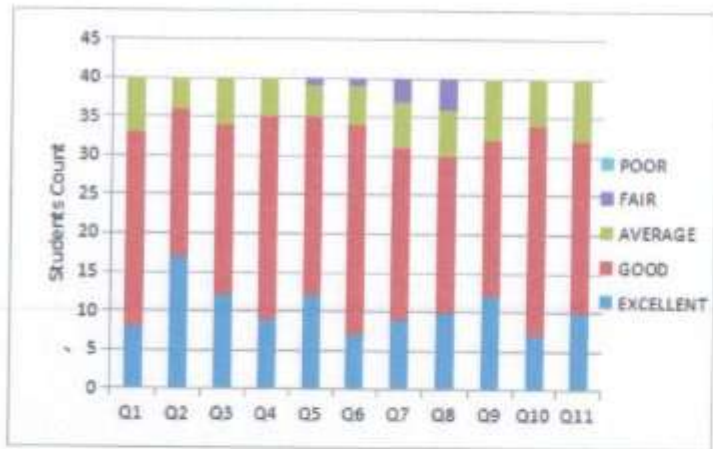
BRANCH- MECHANICAL ENGINEERING



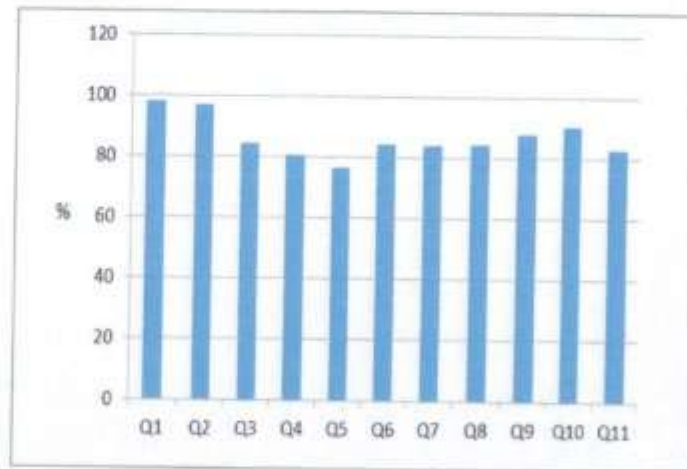
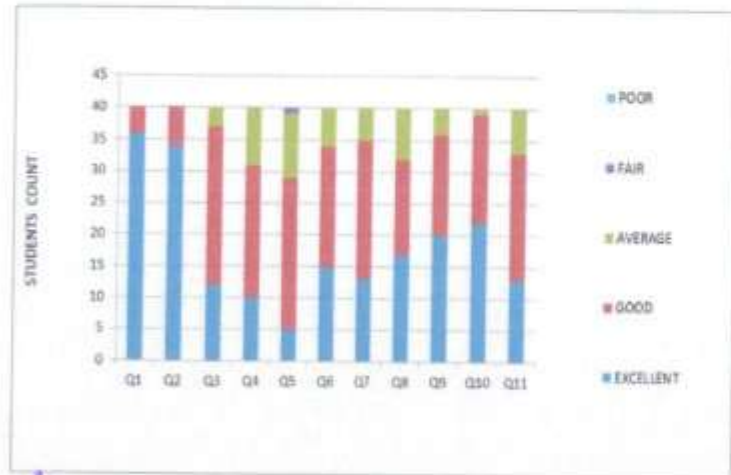
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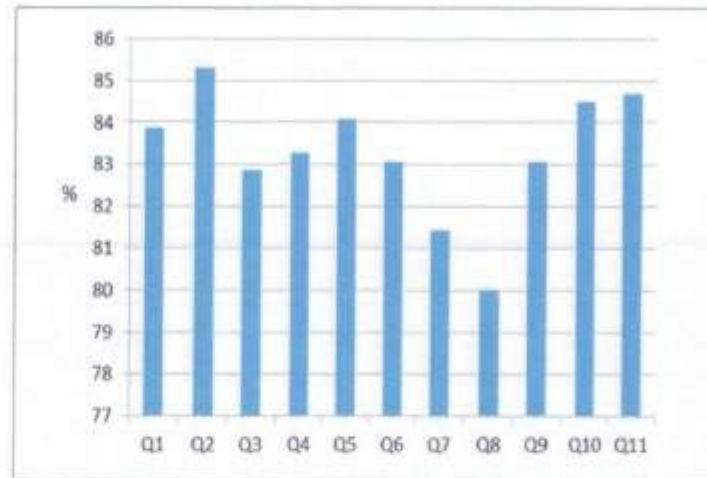
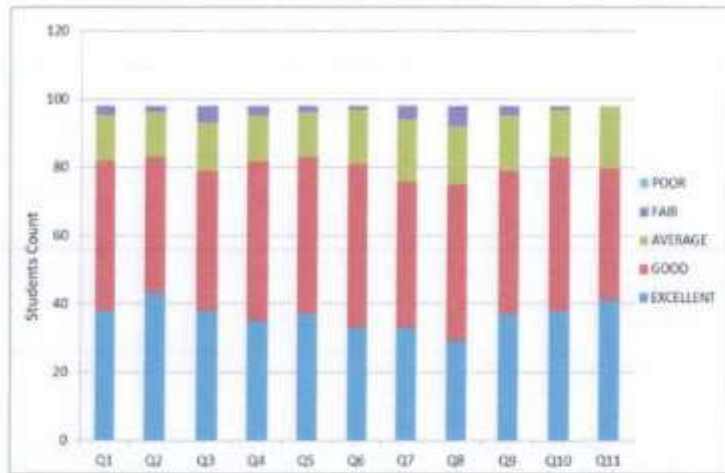
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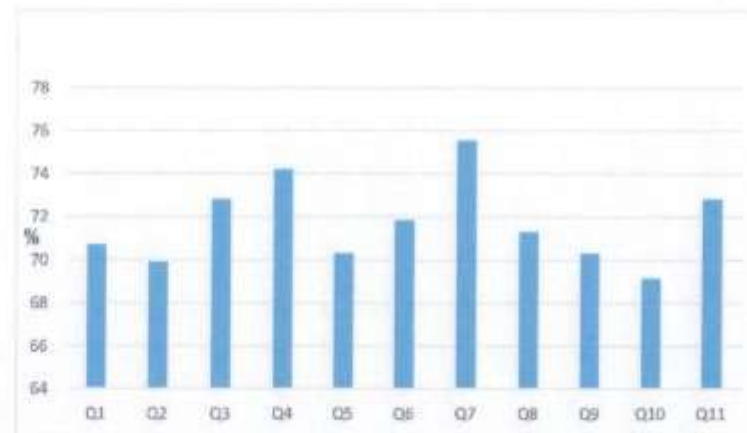
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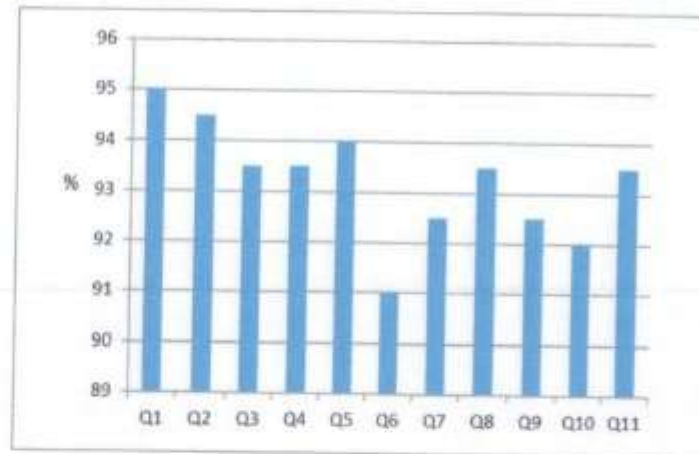
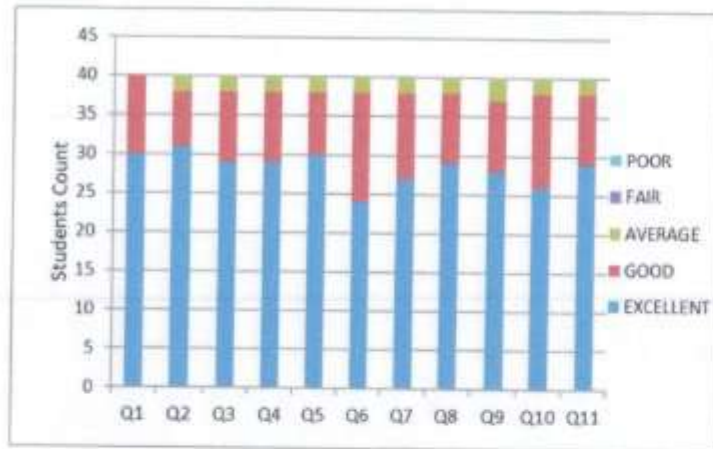
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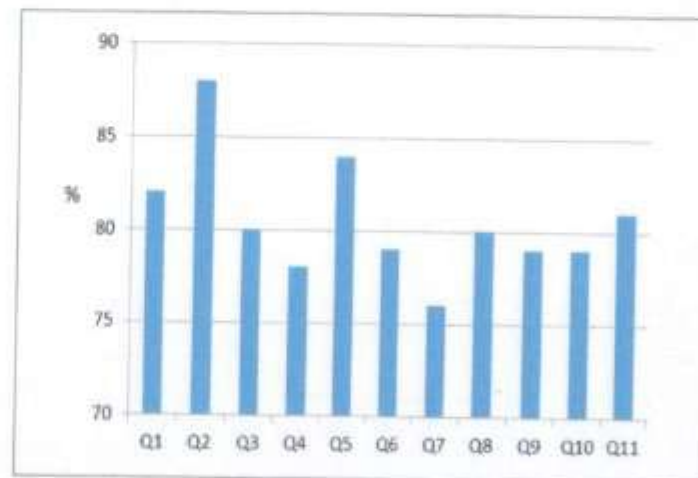
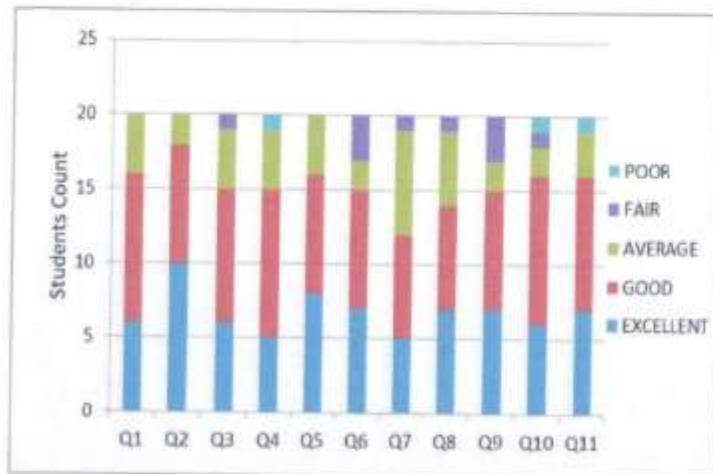
BRANCH- MBA



BRANCH- COMPUTER SCIENCE & ENGINEERING(ARTIFICIAL INTELLIGENCE)



BRANCH-INFORMATION TECHNOLOGY



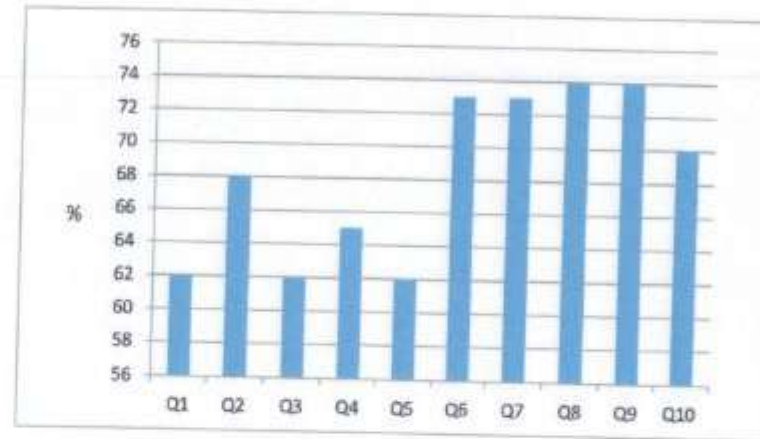
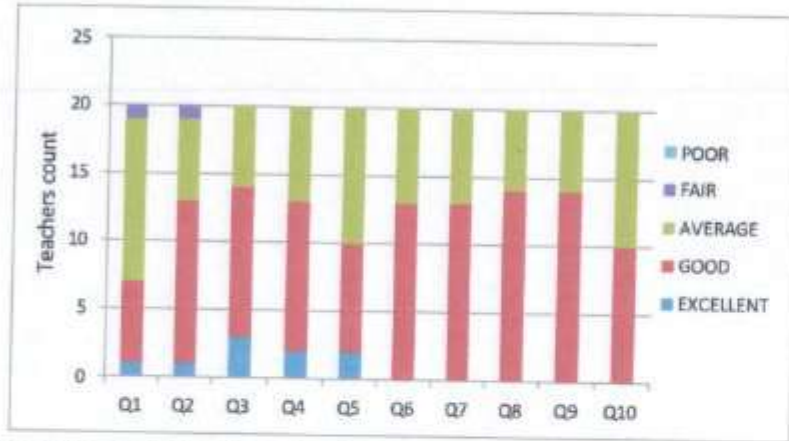


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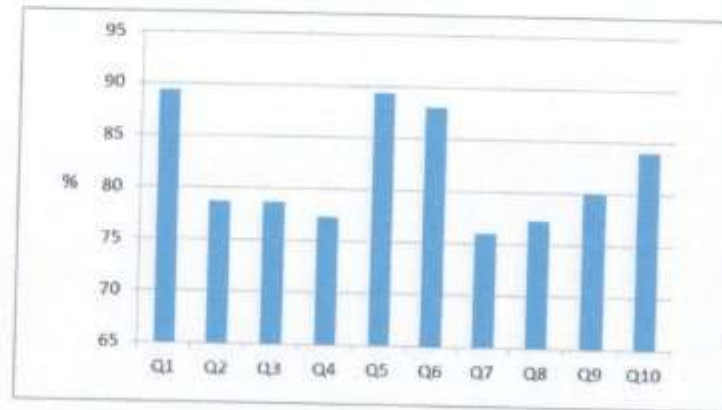
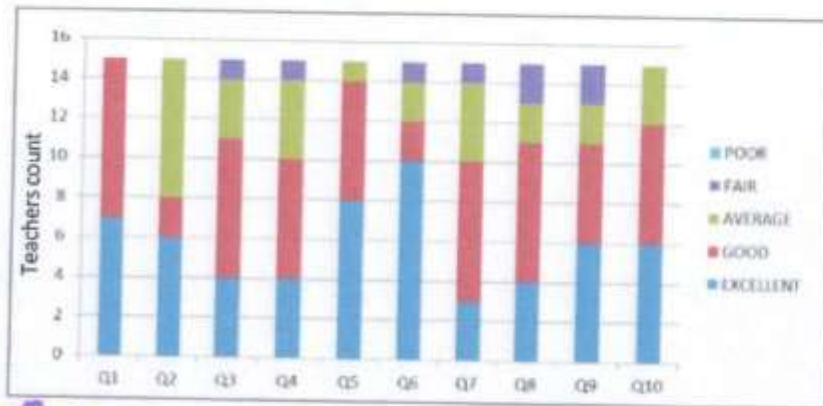
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Vidya Bharathi Nagar, Mattoor, Kalady, Ernakulam, Kerala 683574

STAKEHOLDER-TEACHERS

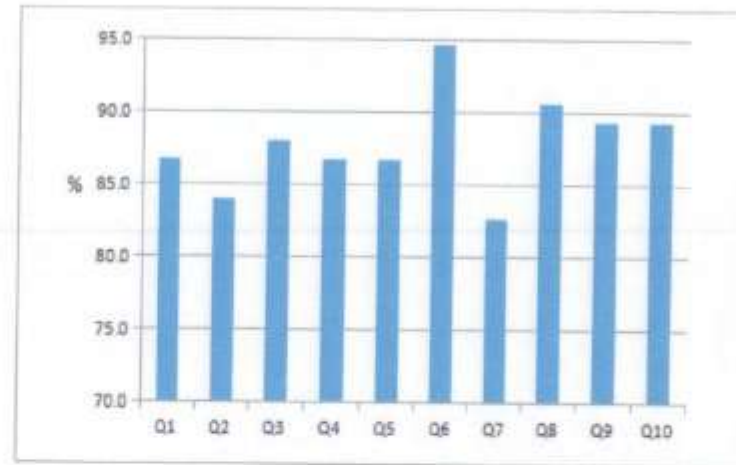
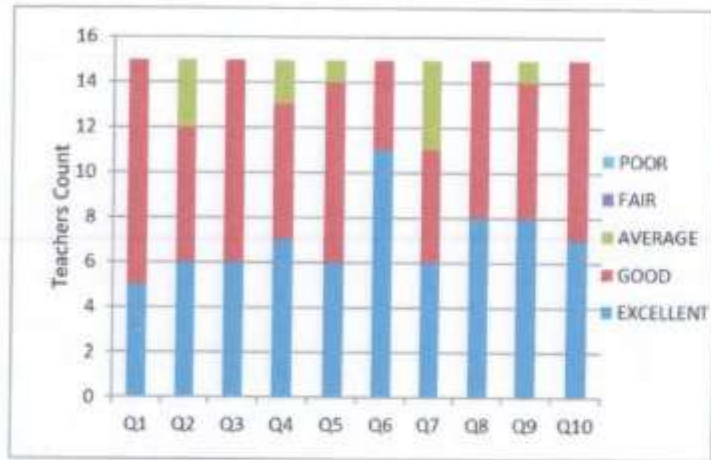
BRANCH- MECHANICAL ENGINEERING



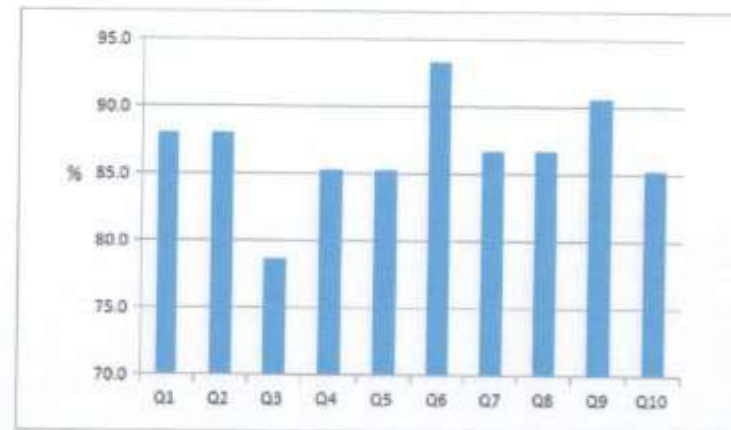
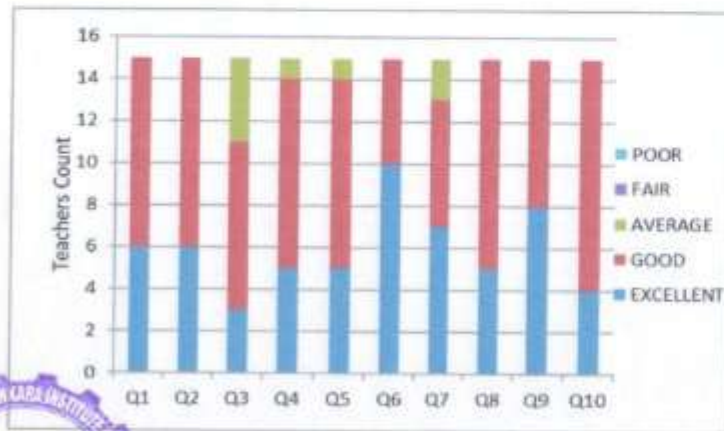
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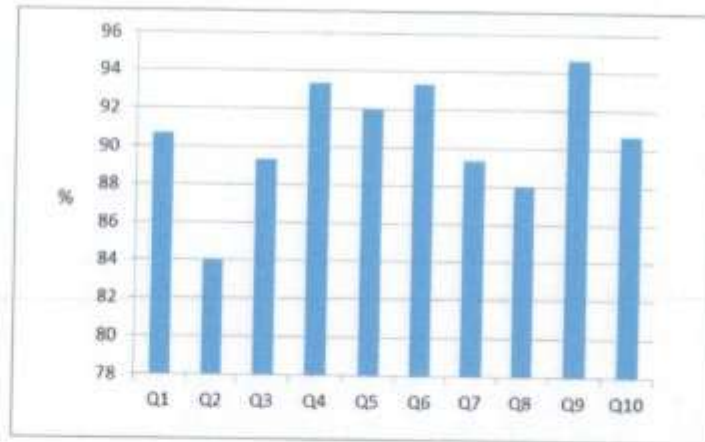
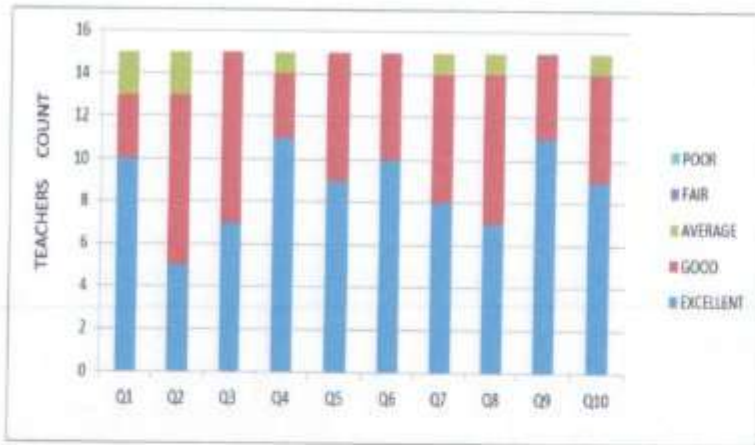
BRANCH- COMPUTER SCIENCE & ENGINEERING



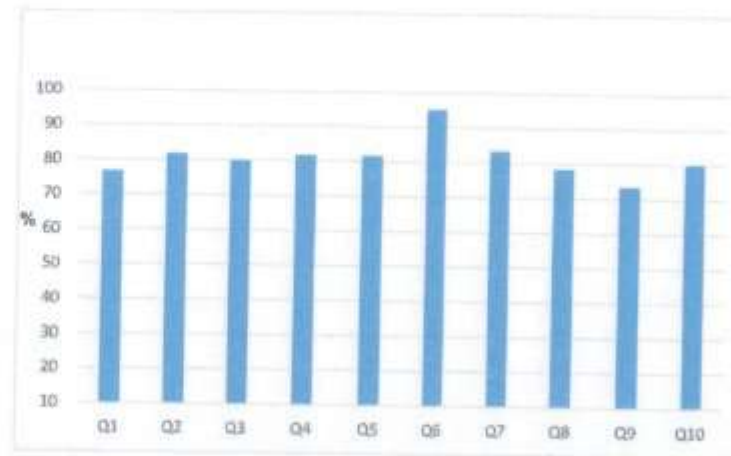
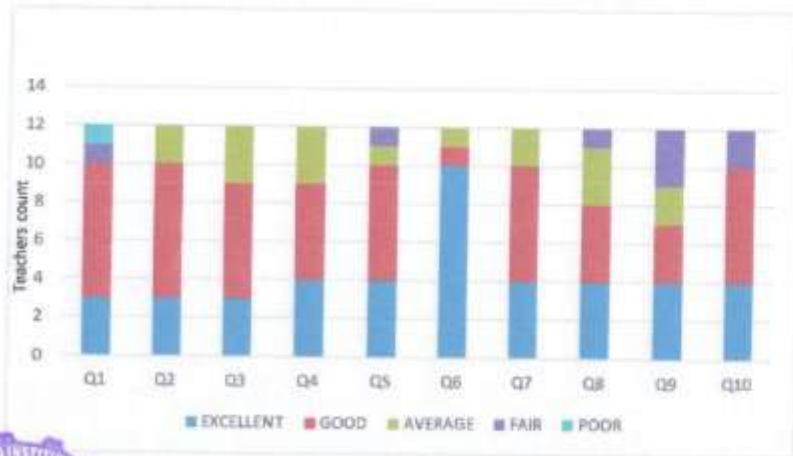
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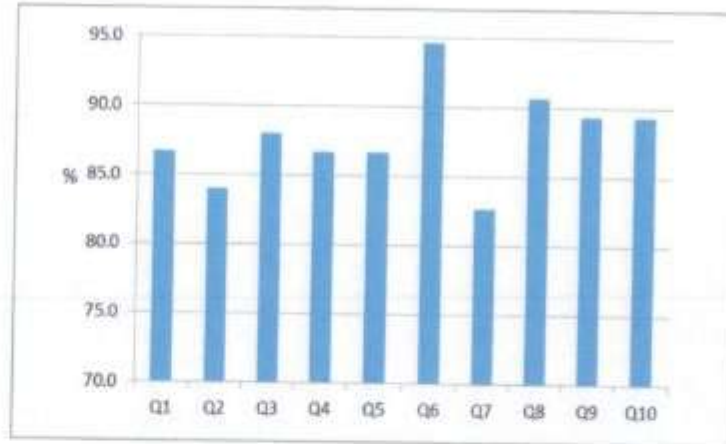
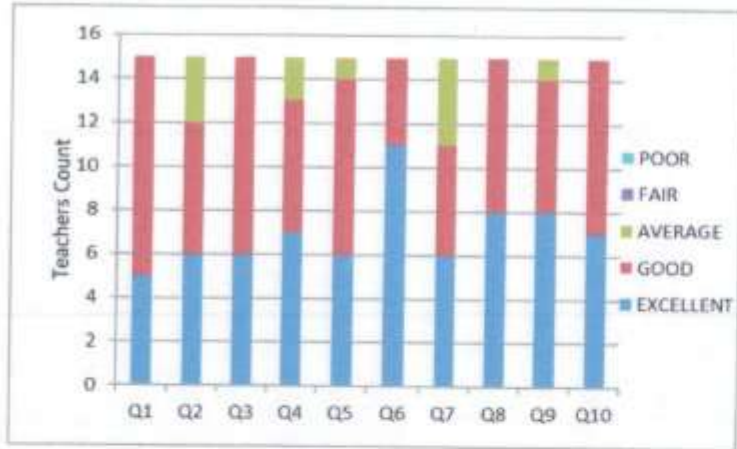
BRANCH- ELECTRONICS & COMMUNICATION ENGINEERING



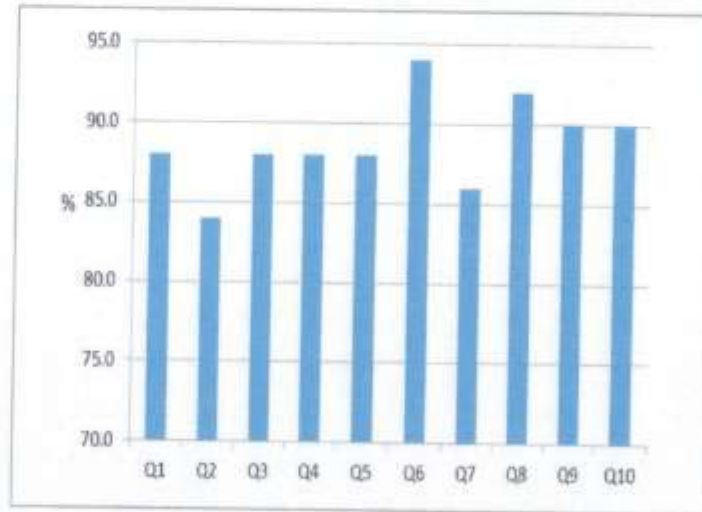
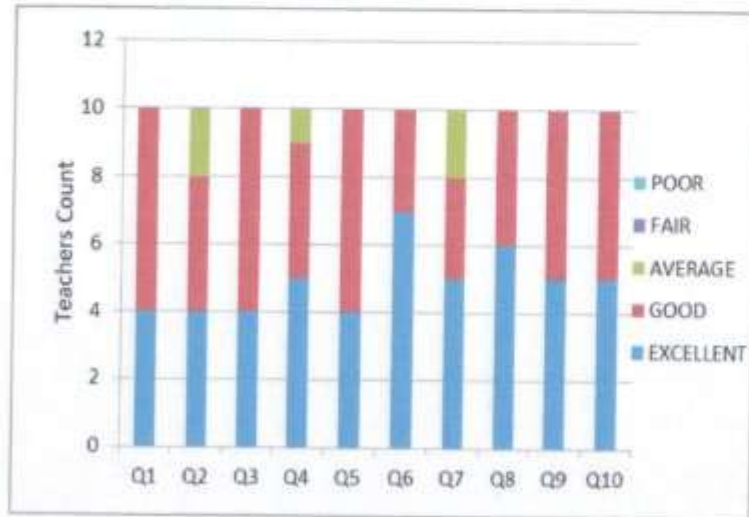
BRANCH- MBA



BRANCH- COMPUTER SCIENCE & ENGINEERING(ARTIFICIAL INTELLIGENCE)



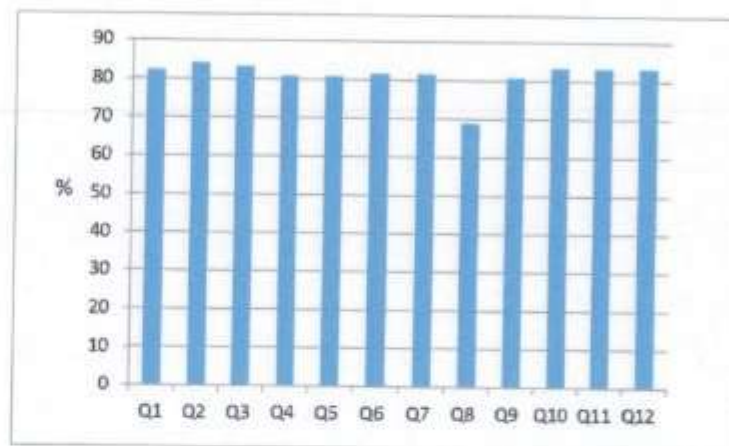
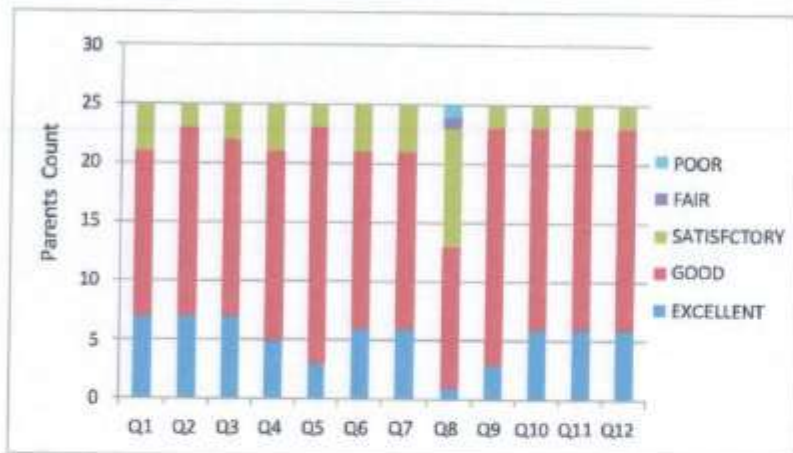
BRANCH-INFORMATION TECHNOLOGY



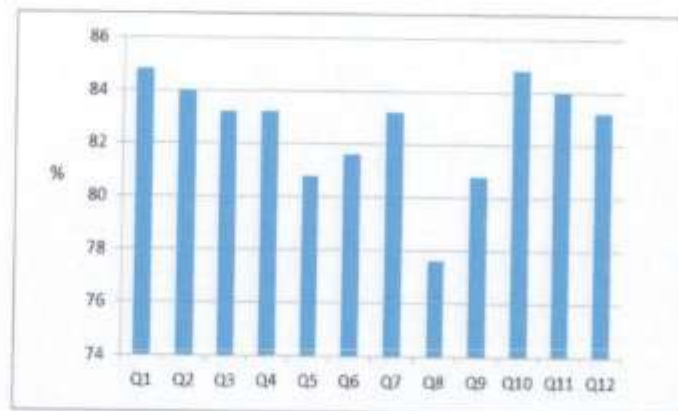
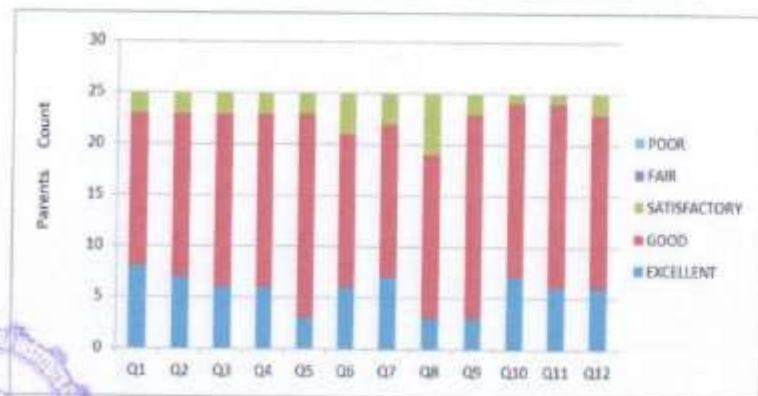


STAKEHOLDER-PARENTS

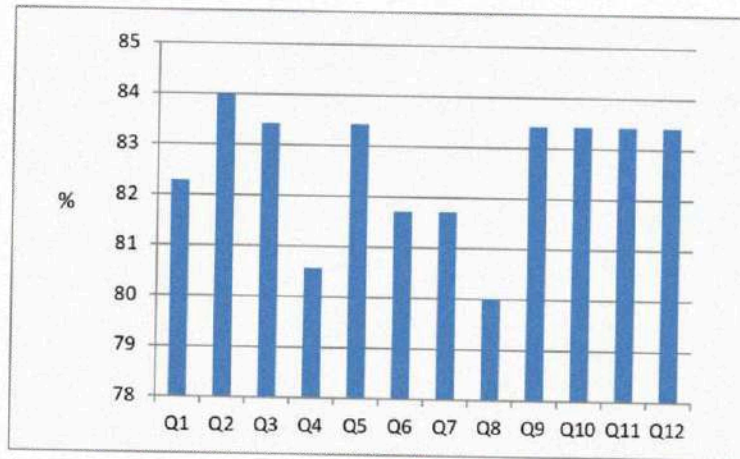
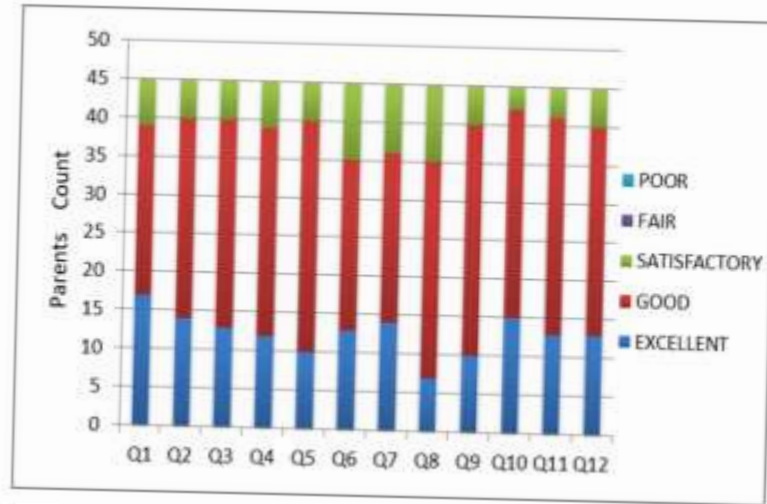
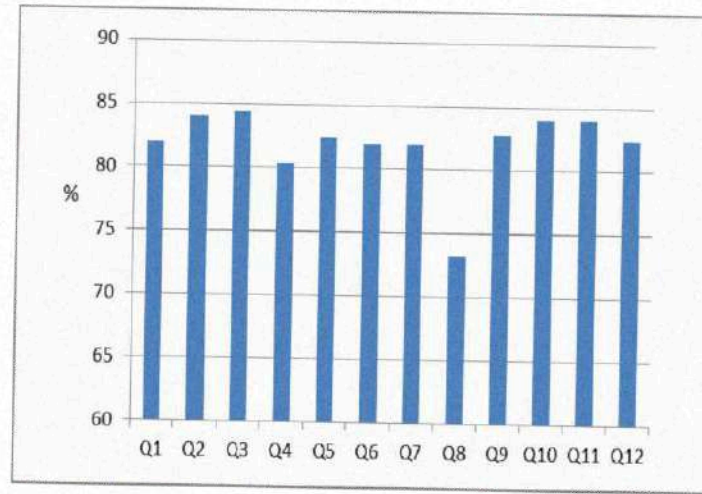
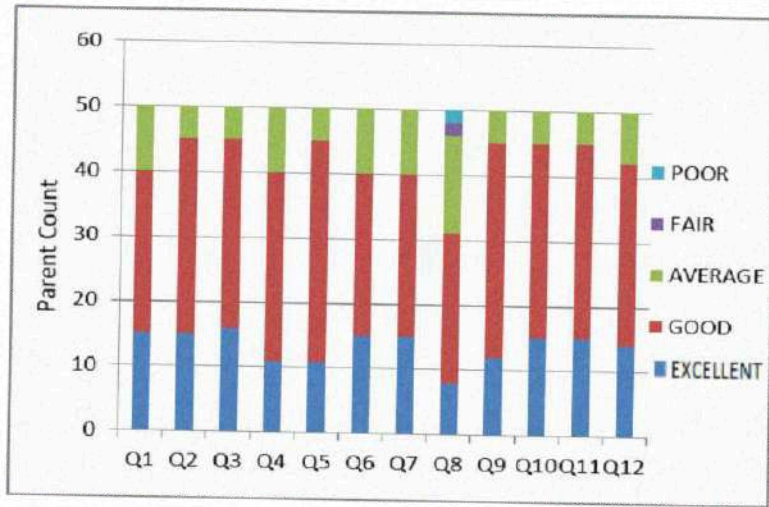
BRANCH- MECHANICAL ENGINEERING



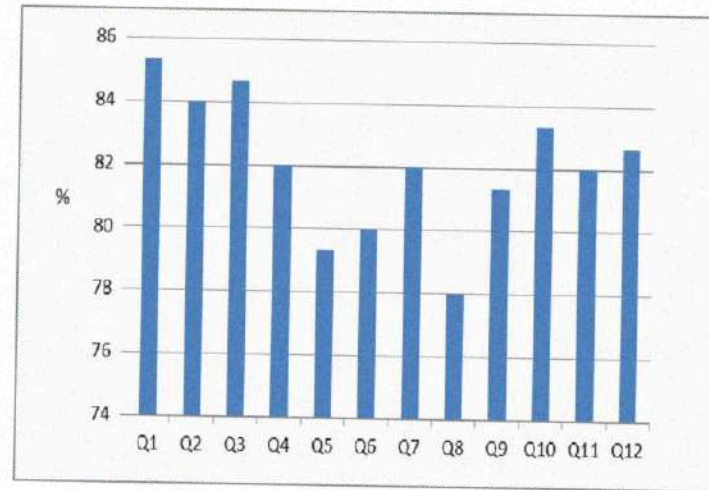
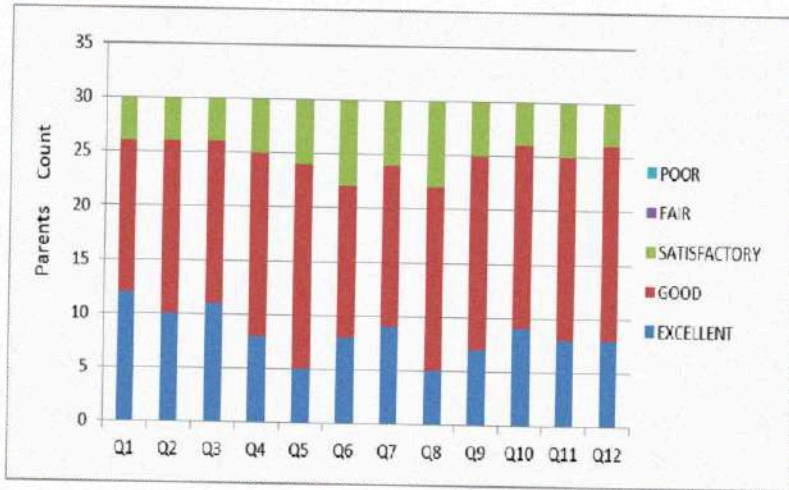
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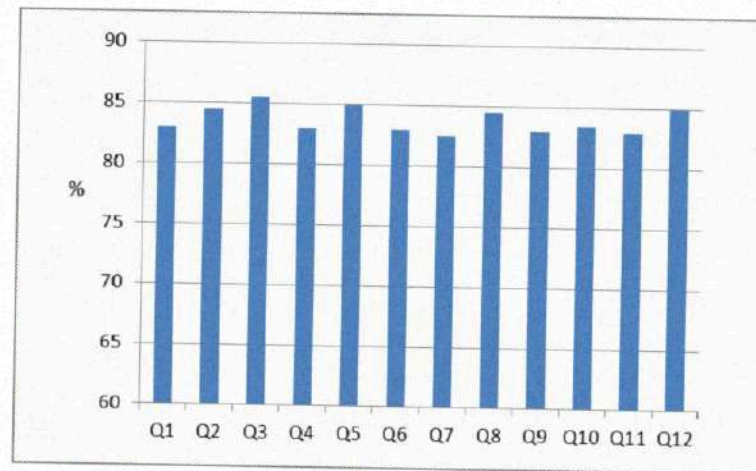
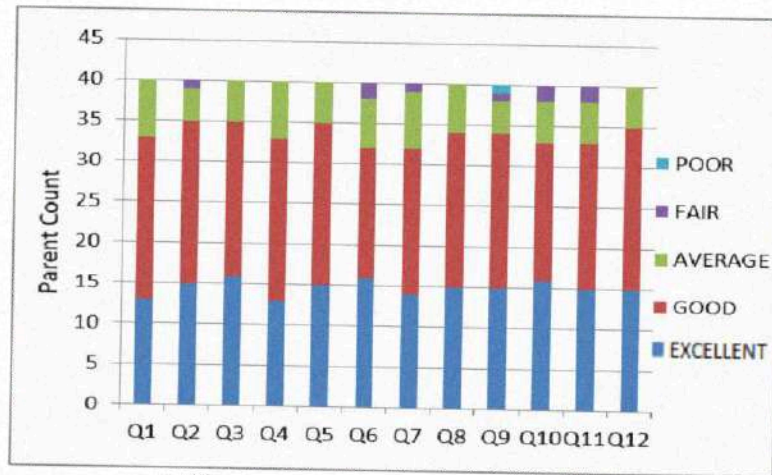
BRANCH- COMPUTER SCIENCE & ENGINEERING



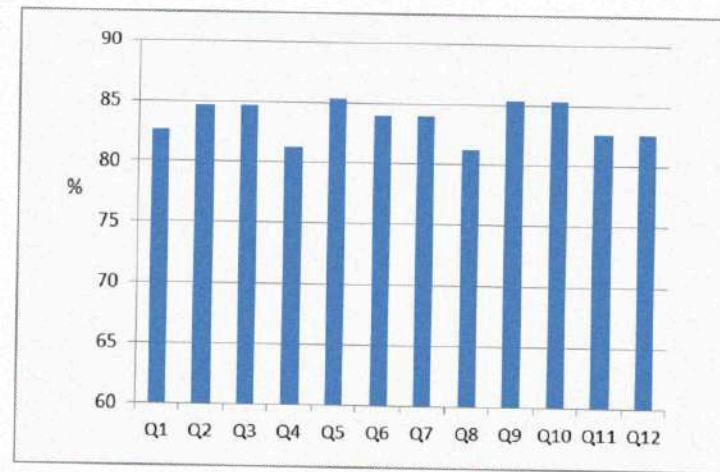
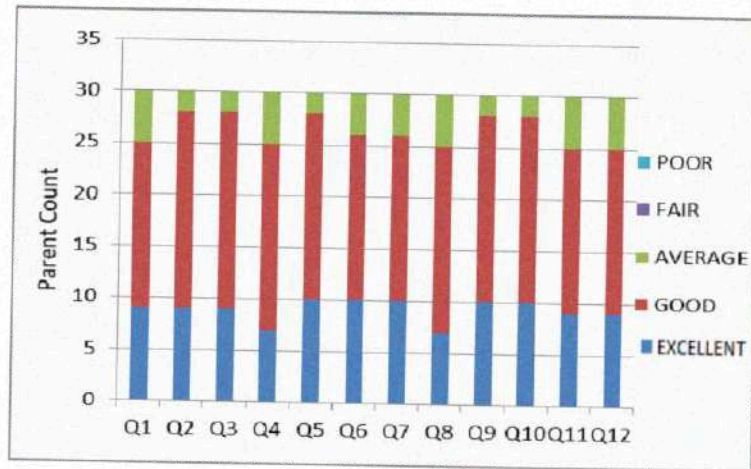
BRANCH- ELECTRONICS & COMMUNICATION ENGINEERING



BRANCH- COMPUTER SCIENCE & ENGINEERING(ARTIFICIAL INTELLIGENCE)



BRANCH-INFORMATION TECHNOLOGY



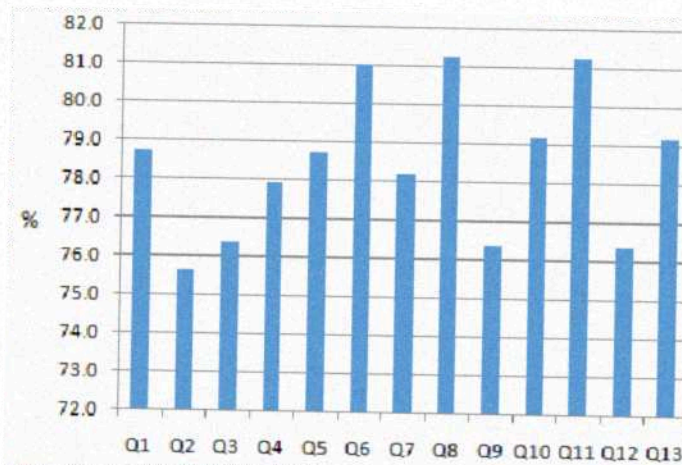
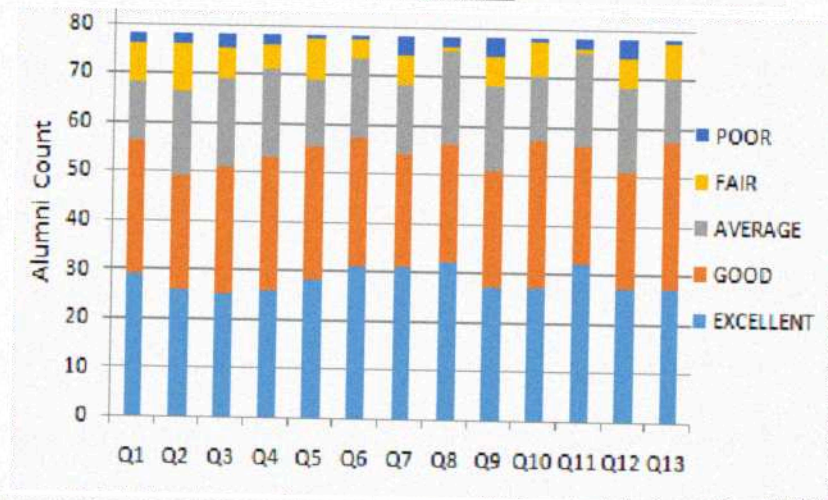


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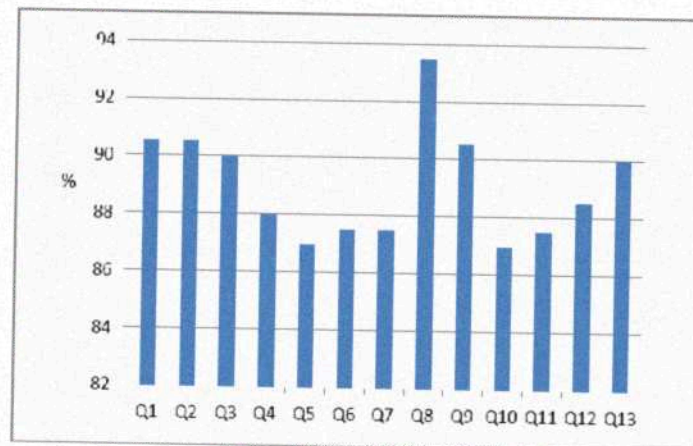
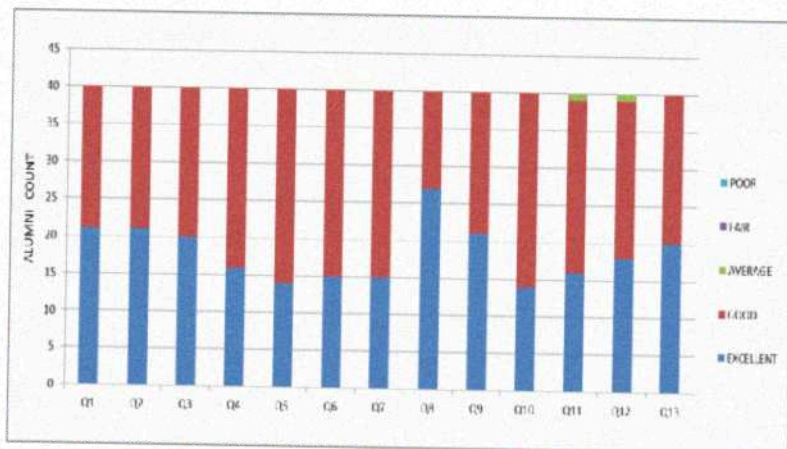
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STAKEHOLDER-ALUMNI

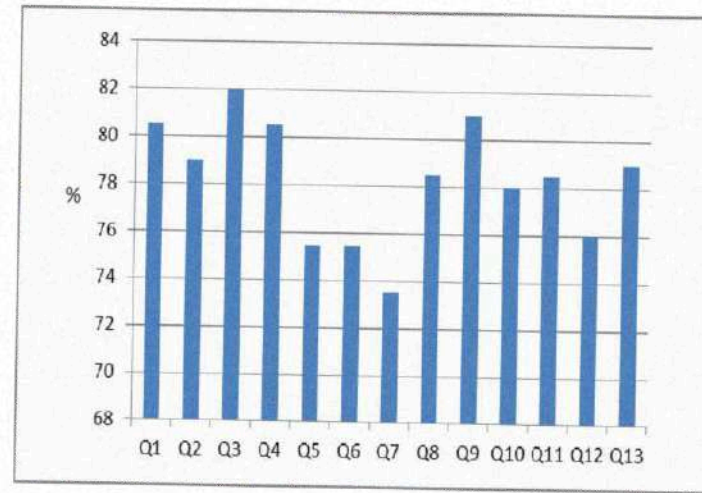
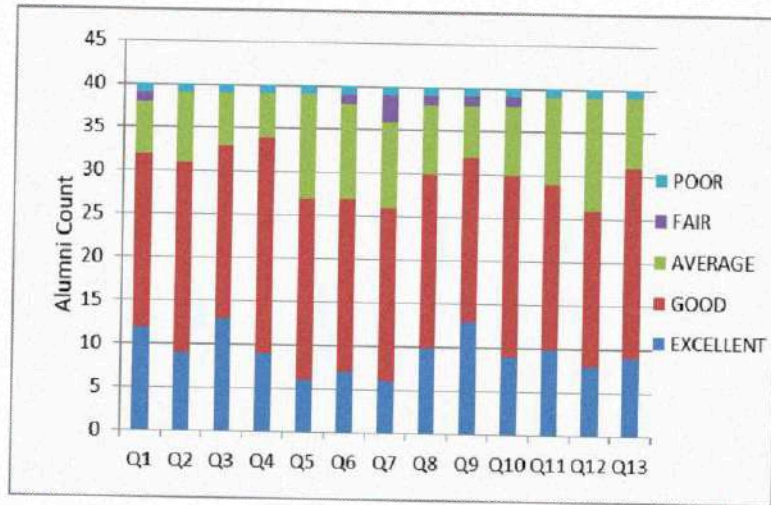
BRANCH- MECHANICAL ENGINEERING



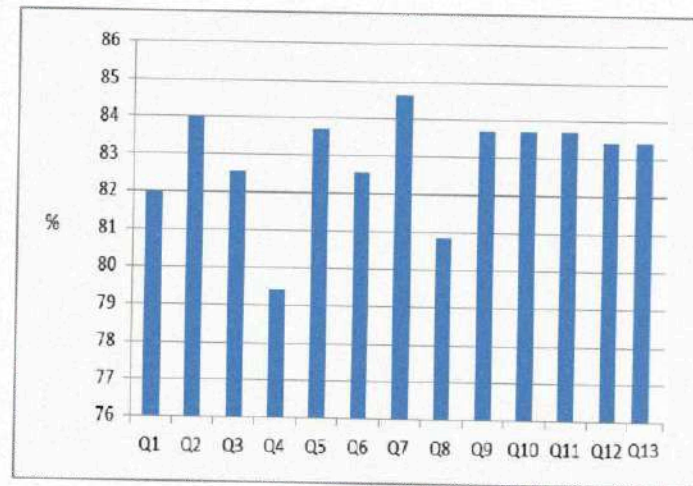
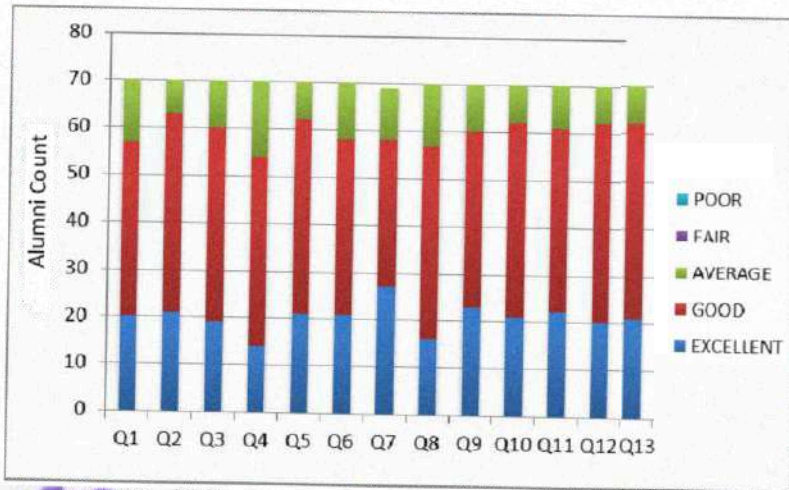
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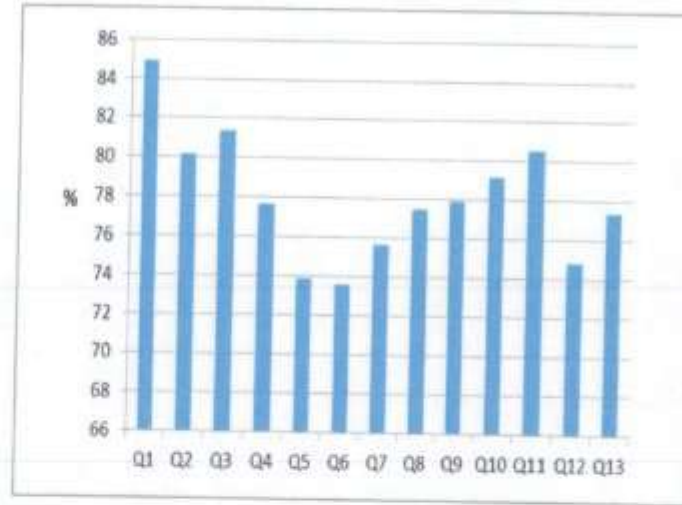
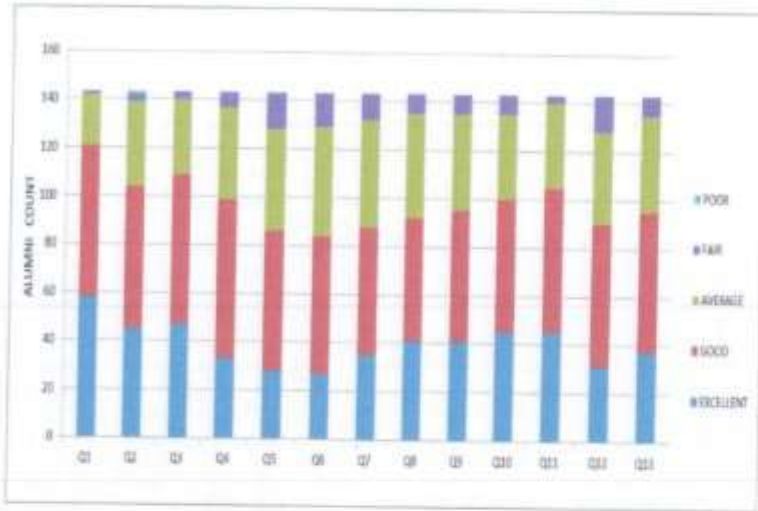
BRANCH- COMPUTER SCIENCE & ENGINEERING



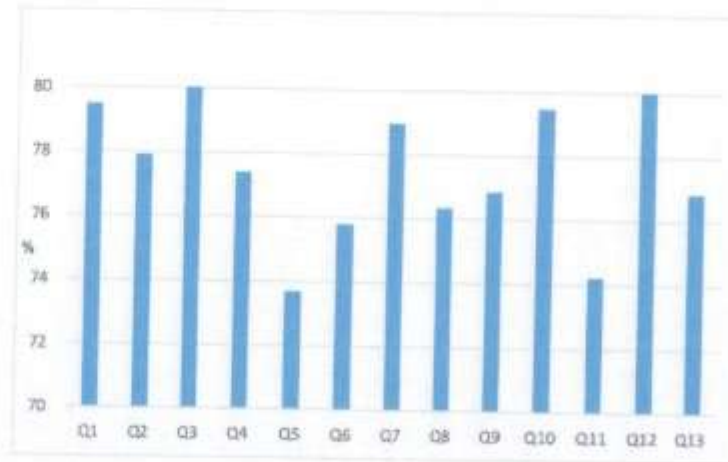
BRANCH- CIVIL ENGINEERING



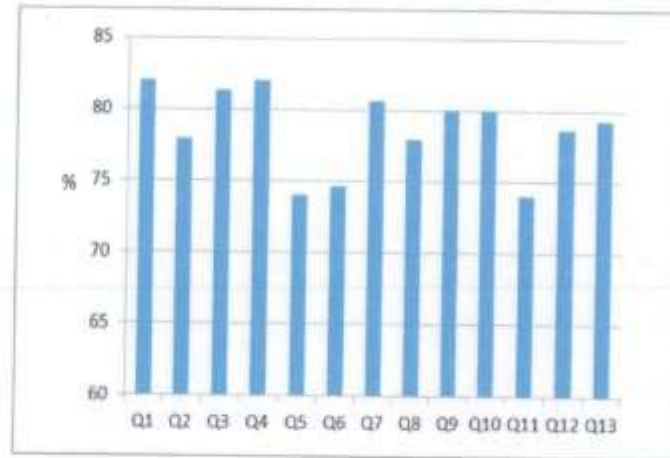
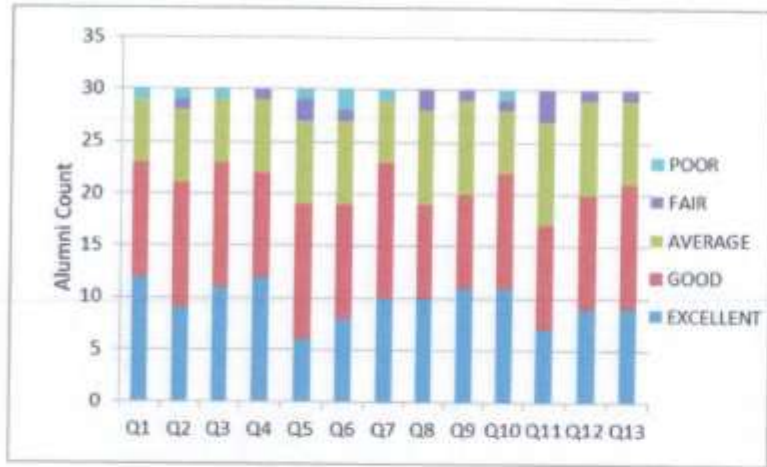
BRANCH- ELECTRONICS & COMMUNICATION ENGINEERING



BRANCH- MBA

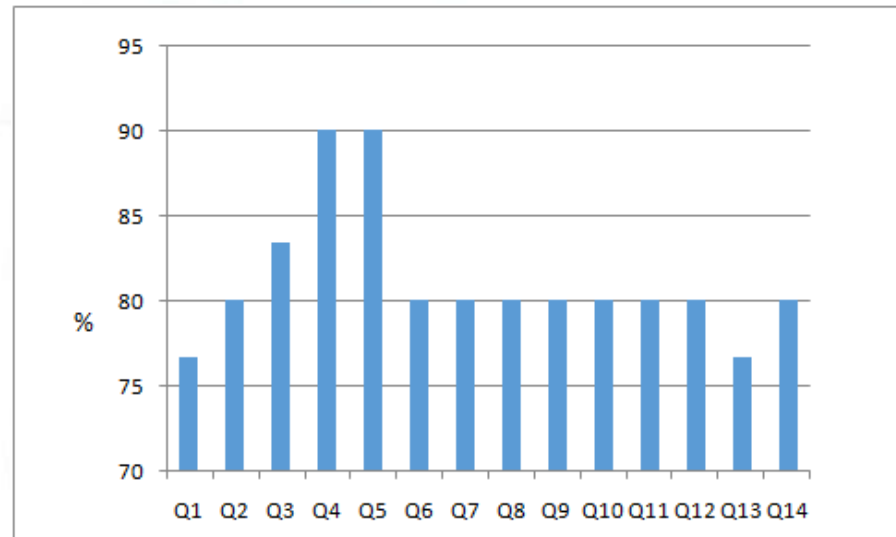
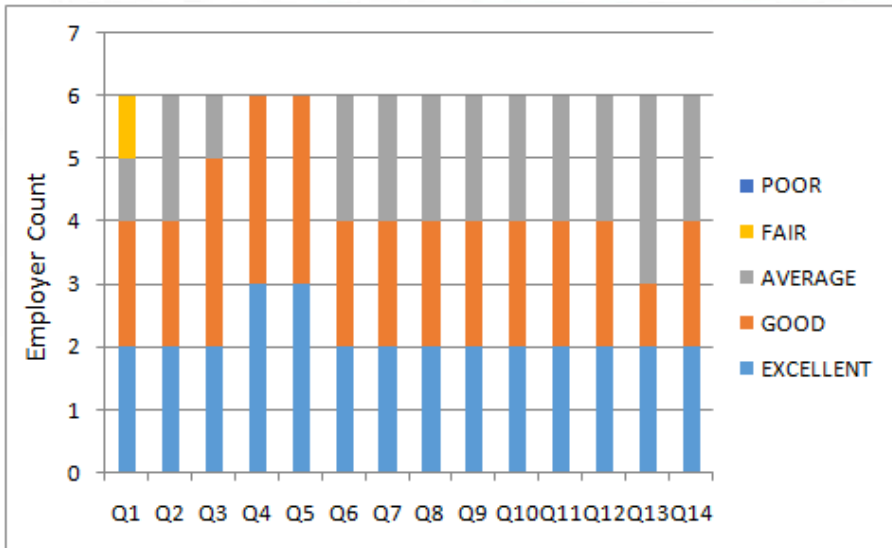


BRANCH-INFORMATION TECHNOLOGY





STAKEHOLDER-EMPLOYER





SUGGESTIONS FROM STAKEHOLDERS

ACADEMIC YEAR: 2020 – 2021

The suggestions raised by various stakeholders were listed below:

- ❖ Include more sessions for placement oriented activities.
- ❖ Include more industry relevant skill courses and certifications in the curriculum.
- ❖ Need more industrial level practice and workshops.
- ❖ Encourage students to make and join developer clubs and activities.
- ❖ Improve the practical skills and more concentrate and develop skills required for them to perform in industrial working environment.
- ❖ Laboratories and equipment need to upgrade to adapt to the new era techs for the new generations.
- ❖ Try to implement more hands on session along with theory, give equal importance for both and try to include industrial relevant topics.
- ❖ Conducting of industrial visits based on the course available.
- ❖ Advanced trainings to strengthen technical skills.
- ❖ Faculty innovations should be promoted.
- ❖ Provide exam oriented study materials.
- ❖ It will be great if Teacher-Student interactions are increased.
- ❖ Update the curriculum with respect to changing technologies and employment needs.
- ❖ Including more case studies will be more helpful for the students to get an idea about the working environment of the organisation.
- ❖ Introduce more project based and practical based subjects.
- ❖ Provide video based teaching on certain topics to understand the concept easier.

V. L. L.

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