TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY
Approved by AICTE & Affiliated to Rajasthan Technical University

www.technonjr.org

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MINUTES OF GOVERNING BODY

Minutes-

Members present –

Mr. RS Vyas ,Foundation Director and Trustee, Techno India NJR Institute of Technology, Udaipur

Mr. Lalit Yagnik – Industry Mentor, Techno India NJR Institute of Technology, Udaipur

Prof. Pankaj Kumar Porwal –Principal , Techno India NJR Institute of Technology, Udaipur

Prof. Pradeep Chhawchharia – Director(Research), Techno India NJR Institute of Technology, Udaipur

Prof. Prasun Chakrabarti , Adjunct Professor, Techno India NJR Institute of Technology, Udaipur

Venue – Board Room , Techno India NJR

Date – 20/11/2017

Agenda

Feedback from students, faculties, employers, parents and alumni as well as results for the Academic Year 2016-17 were collected and analyzed by the HODs of various departments and presented to the Governing Council for discussions and suitable actions. The reports are given as below –

Student feedback

Part A (Student's Feedback on Faculty Performance during the classroom and labs for 2016-17)

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average

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(Principal)

(1).Feedback was collected from students and based on their answers the following charts were prepared to analyze the results.

Question 1 in the feedback form: Is teacher always punctual in coming to your class?
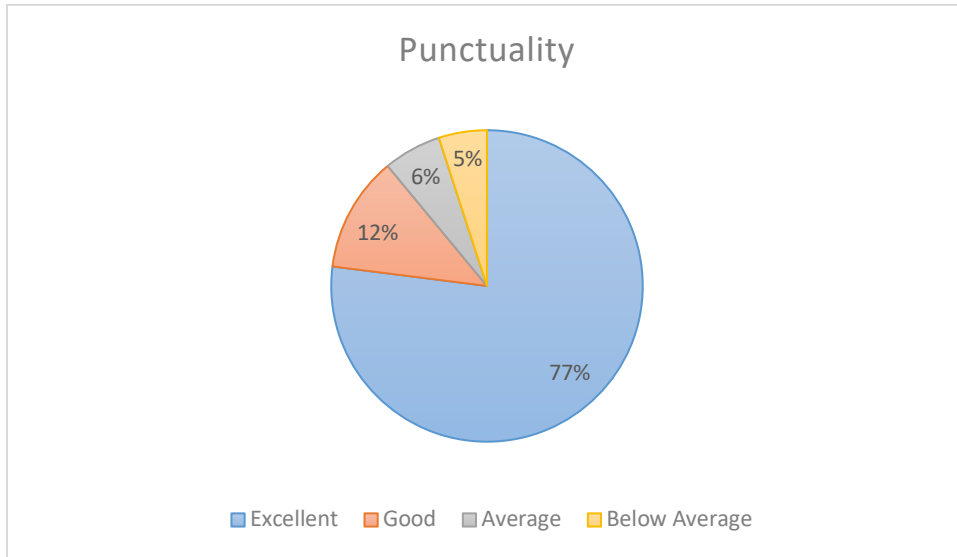
Punctuality

Figure 1: In-class Punctuality

Analysis of figure 1 shows that students are satisfied with the faculty's punctuality.

Question 2 in the feedback form: Does the teacher come well prepared for lecture in your class?
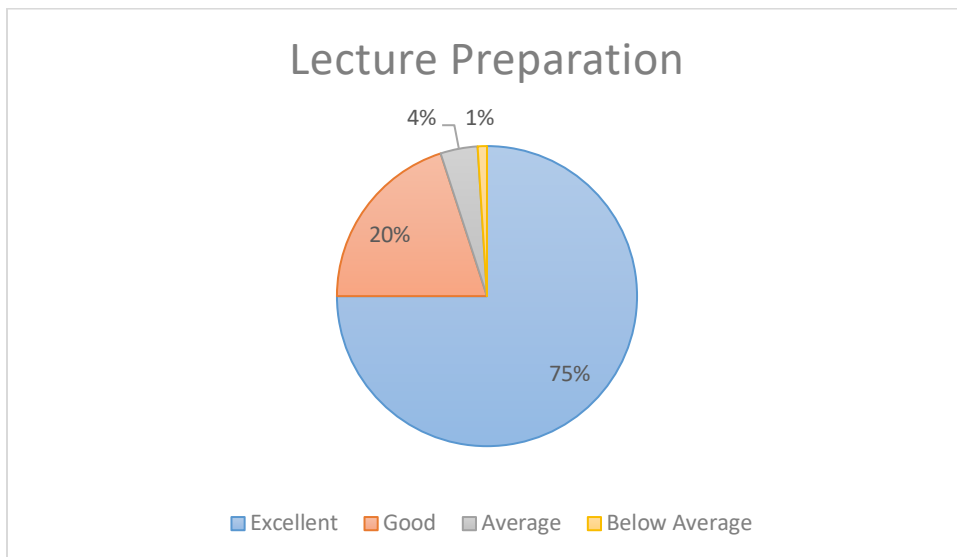
Lecture Preparation

Figure 2: Lecture Preparation

Analysis of figure 2 shows that faculties always come well prepared for the classes.

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Question 3 in the feedback form: Does the teacher make efforts in teaching and explanation?

Efforts in Explanation

2%
8%
22%
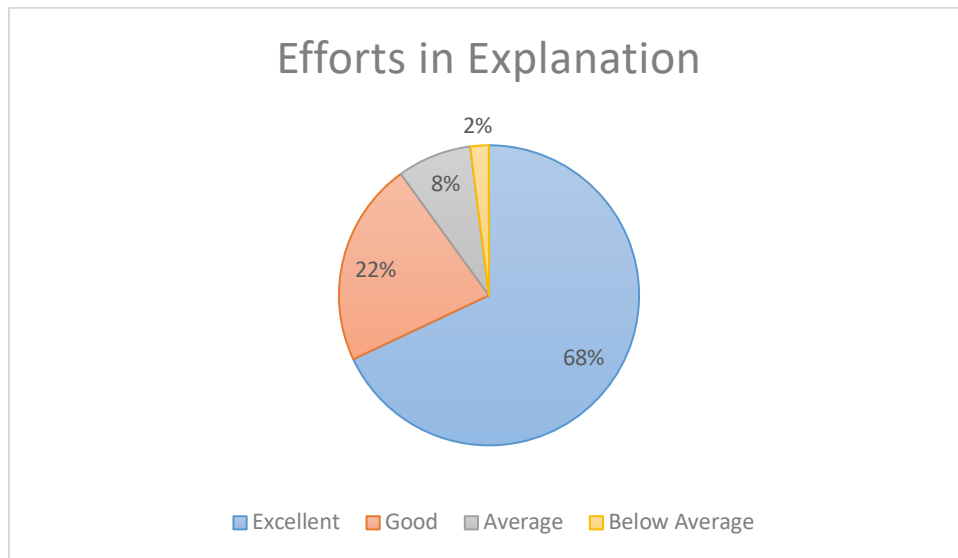68%

☐ Excellent ☐ Good ☐ Average ☐ Below Average

Figure 3: Efforts in explanation

Analysis of figure 3 shows that majority of the students are satisfied with the efforts their teachers put in.

Question 4 in the feedback form: Do you understand what the teacher is teaching?

Understanding the concepts taught

3%
9%
15%
73%

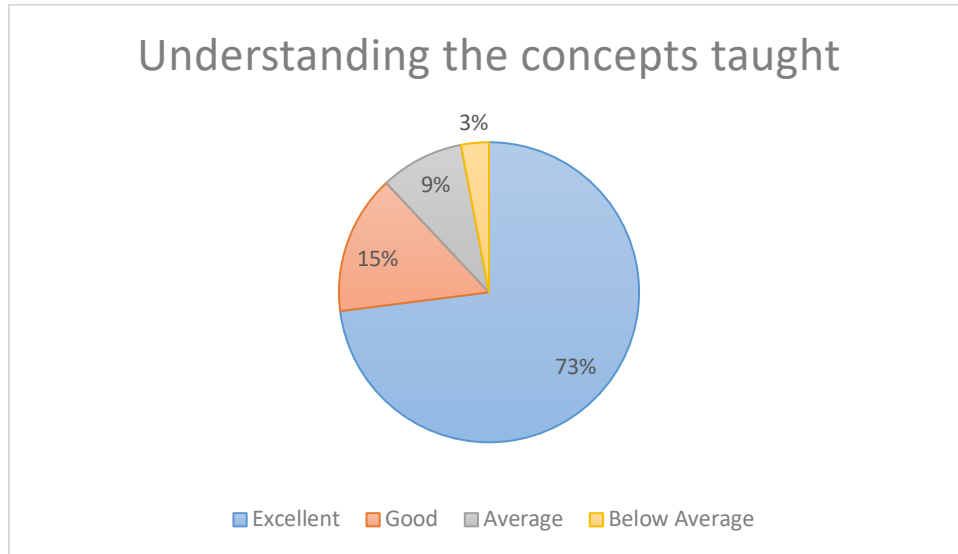☐ Excellent ☐ Good ☐ Average ☐ Below Average

Figure 4: Understanding the concepts taught

Faculties give their best to make students understand the concepts.

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

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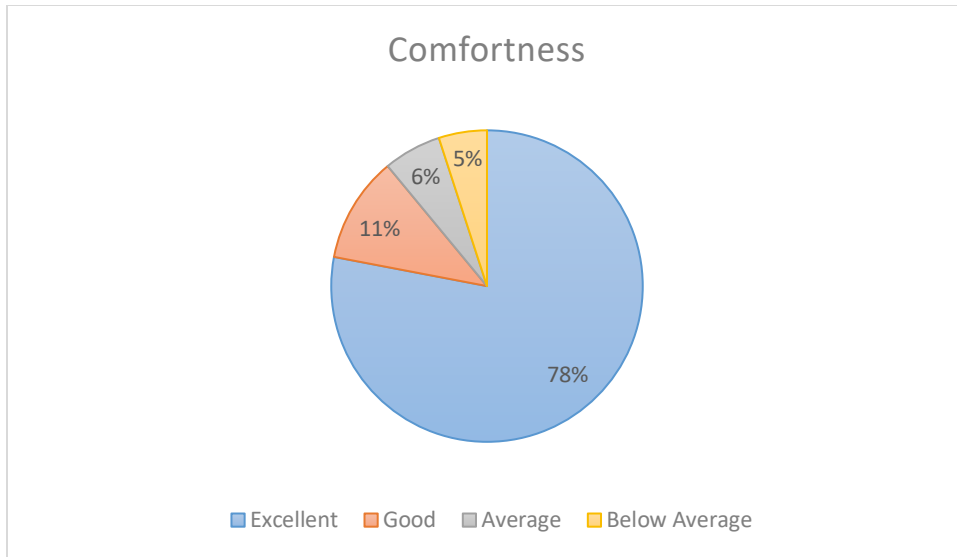Dr. Pankaj Kumar Porwal
(Principal)

Figure 5: Comfortness

Analysis of figure 5 shows that most of the students are comfortable with their teachers to ask doubts.

Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100
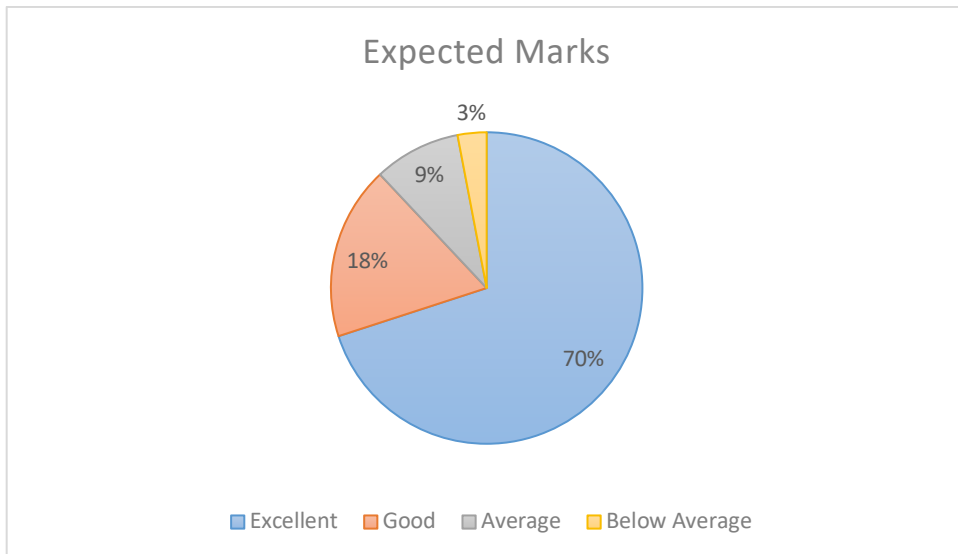

Figure 6: Expected Marks

Analysis of figure 6 shows that most of the students expect good marks in their respective subjects.

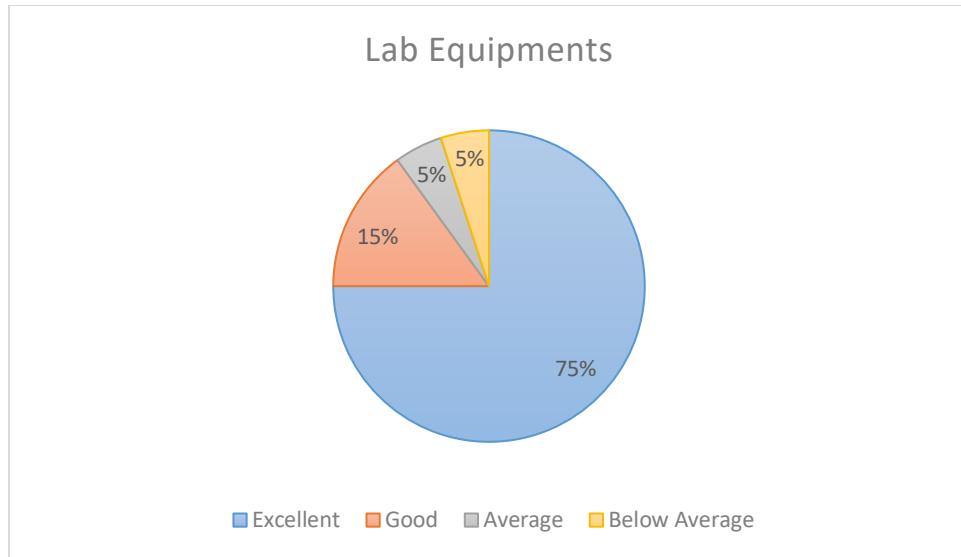**Question 7 in the feedback form: Are the equipment in the lab enough and in working conditions?**

Figure 7: Lab Equipments

Analysis of figure 7 shows that the students are satisfied with the labs equipment and all equipments are in the working conditions.

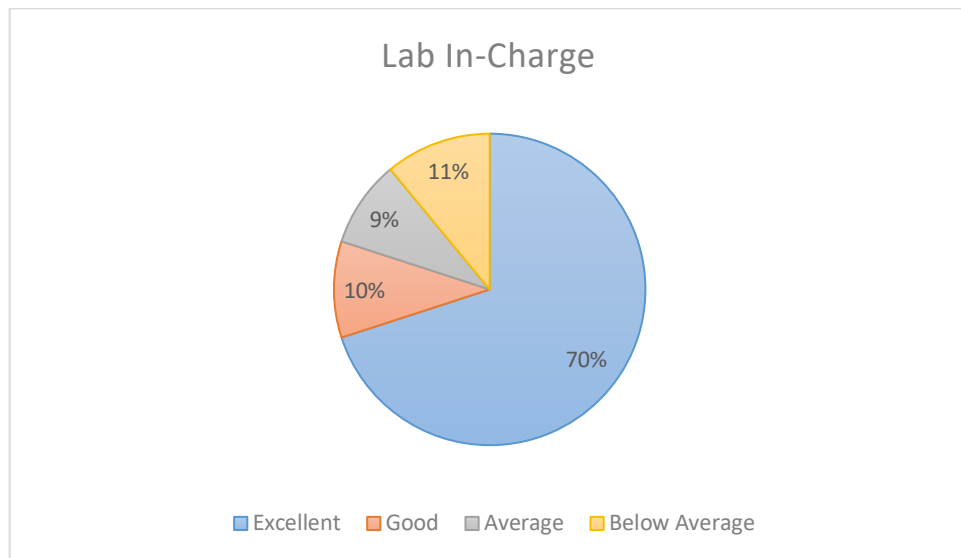**Question 8 in the feedback form: Is the lab in-charge explaining the experiment properly?**

Figure 8: Lab In-charge

Analysis of figure 8 shows that the students are satisfied with the lab in-charges.

Part B (Student's Feedback on Curriculum for the year 2016-17)

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average (1).Feedback was collected from students and based on their answers the following charts were prepared to analyse the results.

Question No 1 in feedback form: Activities leading to Placement/Entrepreneurship/Lifelong learning/Field Projects and Internship
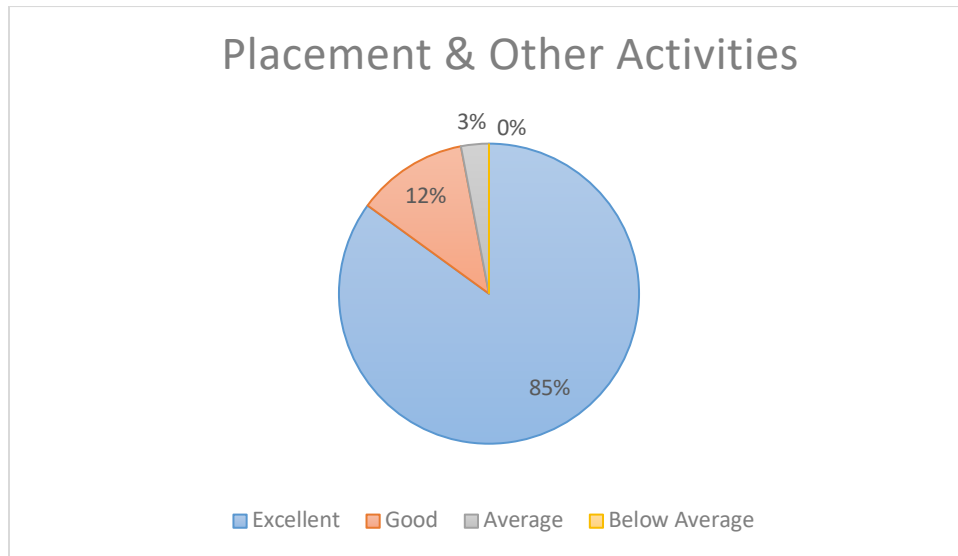

Figure 1: Placement & Other activities

The institute has a dedicated training and placement cell that takes care of activities leading to Placement, Entrepreneurship, Lifelong learning, Field Projects, and Internship.

Question No 2 in feedback form: Motivation and exposure to Co-Curricular/Extra-Curricular Activities in the Institute
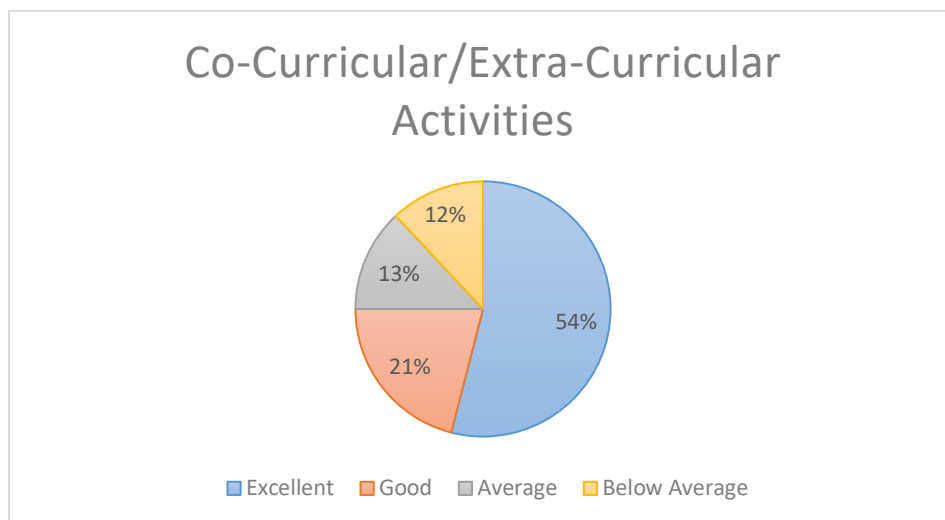

Figure 2: Co-Curricular/Extra-Curricular Activities

Though the institute mainly focuses on academic activities, still some co-curricular activities were conducted and as a result 88% of the students were satisfied while few suggested to add more activities during the academic session.

Question No 3 in feedback form: Assessment of examination at Institute Level

Assessment of Examination

0% 0%

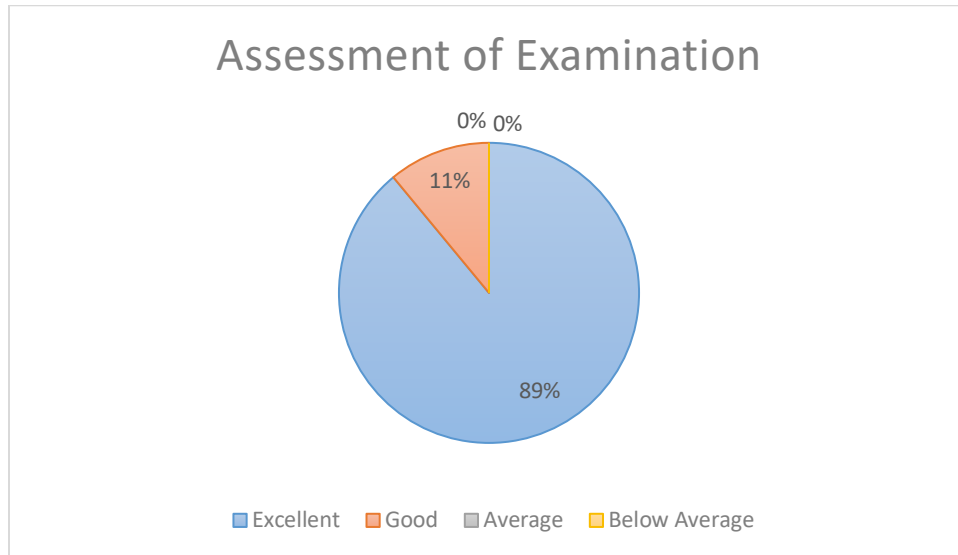11%

89%

■ Excellent ■ Good ■ Average ■ Below Average

Figure 3: Assessment of Examination

The institute adopts a transparent and systematically assessment of the students based on class interaction, assignments, quizzes, performance in labs and mid-term exams. Almost all the students were satisfied with the methodology and transparency of the institute level assessment.

Question No 4 in feedback form: Does the faculty use ICT Tools for teaching?

Use of ICT Tools

3% 0%

12%

85%

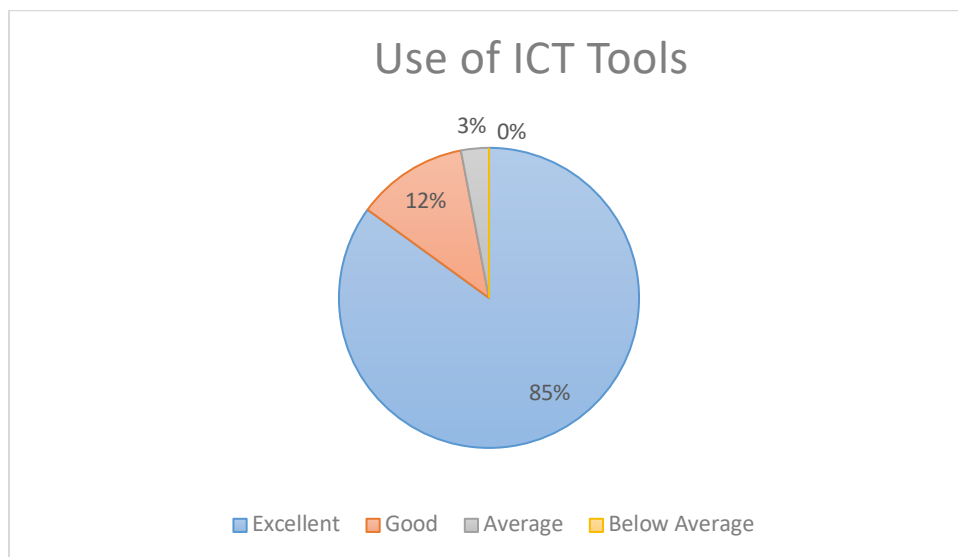■ Excellent ■ Good ■ Average ■ Below Average

Figure 4: Use of ICT Tools

The institute has several smart classrooms and all faculty adopt ICT based teaching pedagogy. As per student feedback all faculty efficiently used ICT tools during the teaching in the class.

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Question No 5 in feedback form: Is the faculty successful in improving your understanding of concepts and principles in the subject?
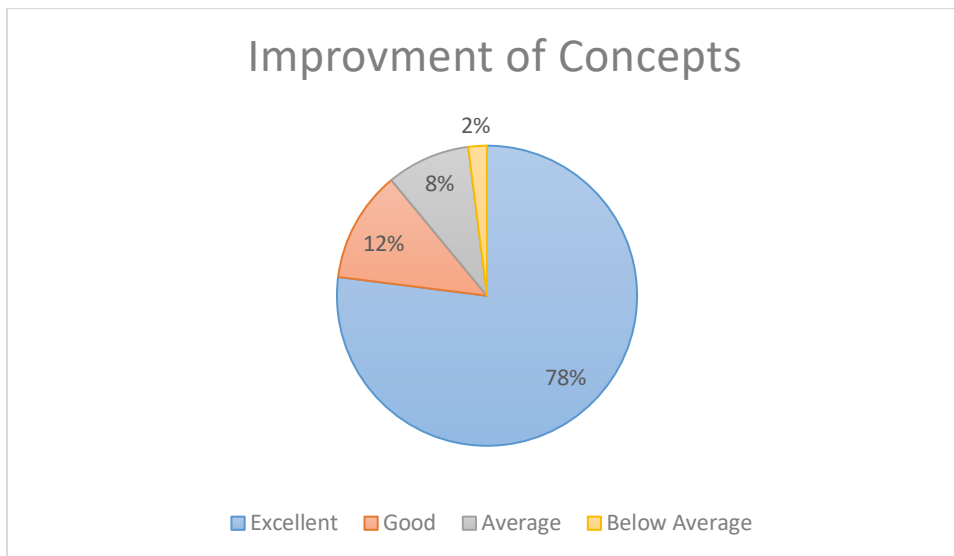

Figure 5: Improvement of Concepts

As per figure 5, 90% of the students were satisfied with the performance of the faculty towards development of their concepts and principles in the subject.

Action taken : Feedback was taken at the end of each semester for the 2016-17 academic year. The observation based on the feedback are as follows:

1. To request the Governing Council to enhance beyond the syllabus activities which includes industry trainings, professional certification, internship, and industrial tour to prepare students for future ready jobs.
2. To request the Governing Council to increase number of text and reference books in library.

Faculty Feedback

Faculty's Feedback on Curriculum for the year 2016-17

The institute conducts faculty feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average (1).The feedback form included 4 questions related to syllabus transactions and the same was analysed using the above 4-point scale. Feedback was collected from faculties and based on their answers the following charts were prepared to analyse the results.

Question No 1 in feedback form: The book/journals etc. prescribed/listed as reference materials are relevant, updated and cover the entire syllabus

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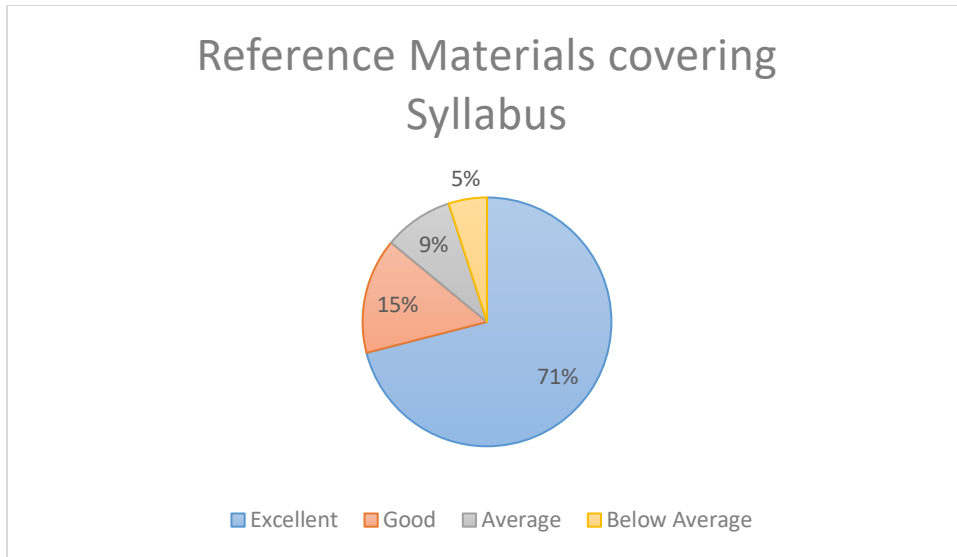
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Figure 1: Reference Materials covering syllabus

Analysis of figure 1 shows that 86% of faculty were satisfied with the reference materials to be relevant updated and entire syllabus coverage.

Question No 2 in feedback form: The courses/syllabi of the subjects taught by me increased my interest, knowledge, and perspective in the subject area.
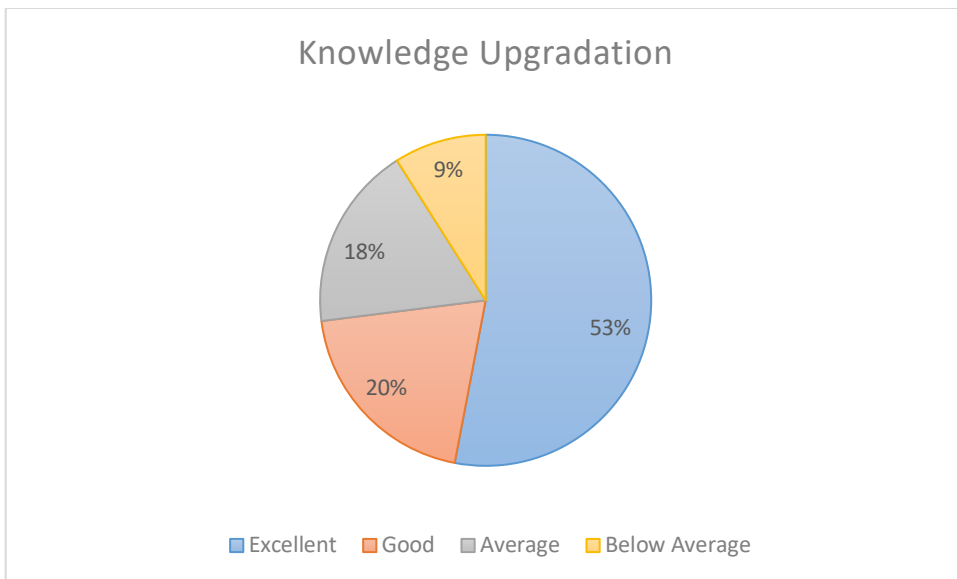

Figure 2: Knowledge Upgradation

All the faculties used to upgrade their knowledge time to time.

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Question No 3 in feedback form: The curriculum has given me full freedom to adopt new techniques/strategies of teaching such as group discussions, seminar presentations and learner's participation.
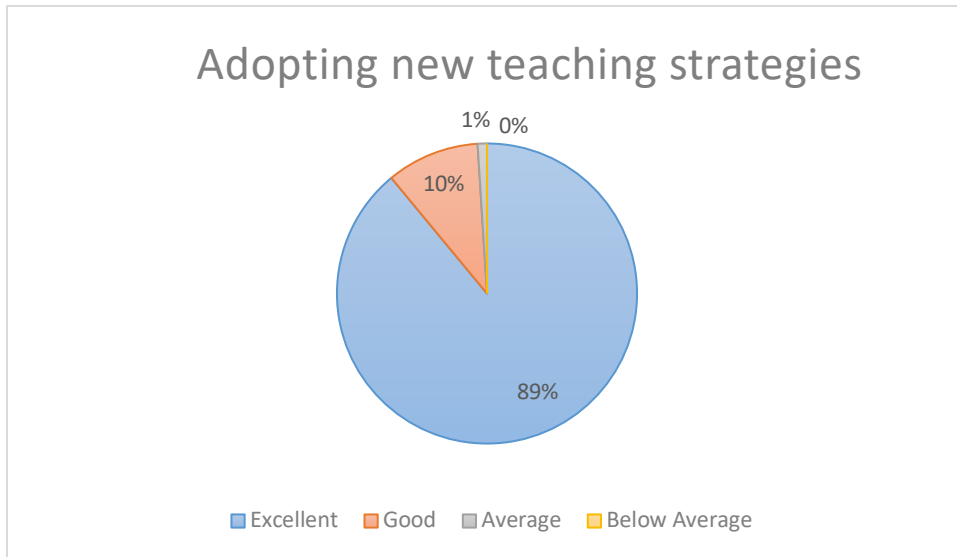

Figure 3: Adopting new teaching strategies

The faculties have full freedom to conduct the classes as per their autonomy.

Question No 4 in feedback form: I have the freedom to adopt new techniques/strategies of testing and assessment of students.
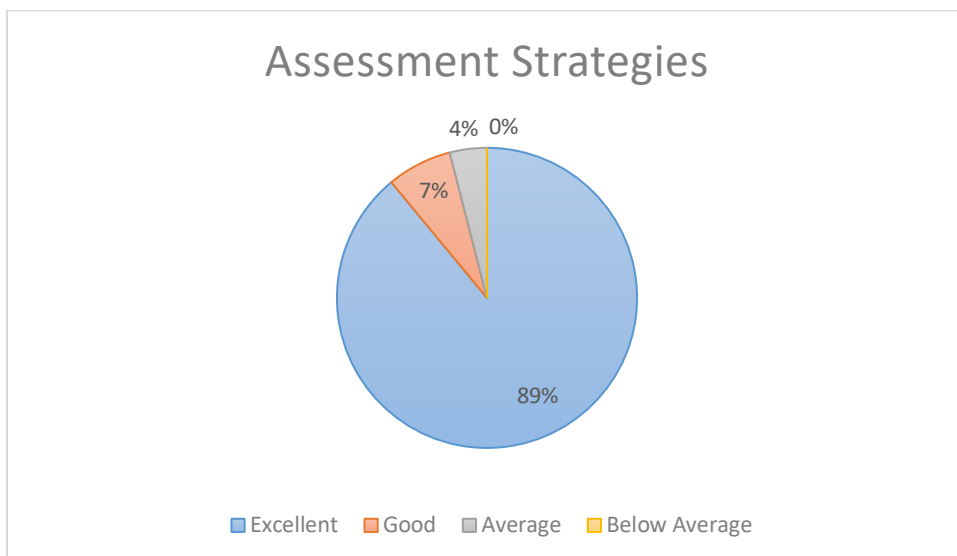

Figure 4: Assessment Strategies

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The faculty members assessed the students based on class performance, viva-voce, industry project performance, internship performance. Apart from these the students were assessed in assignments and midterms.

Question No 5 in feedback form: ICT facilities in the college are adequate and satisfactory.

ICT Facilities

9%
11%
7%
73%

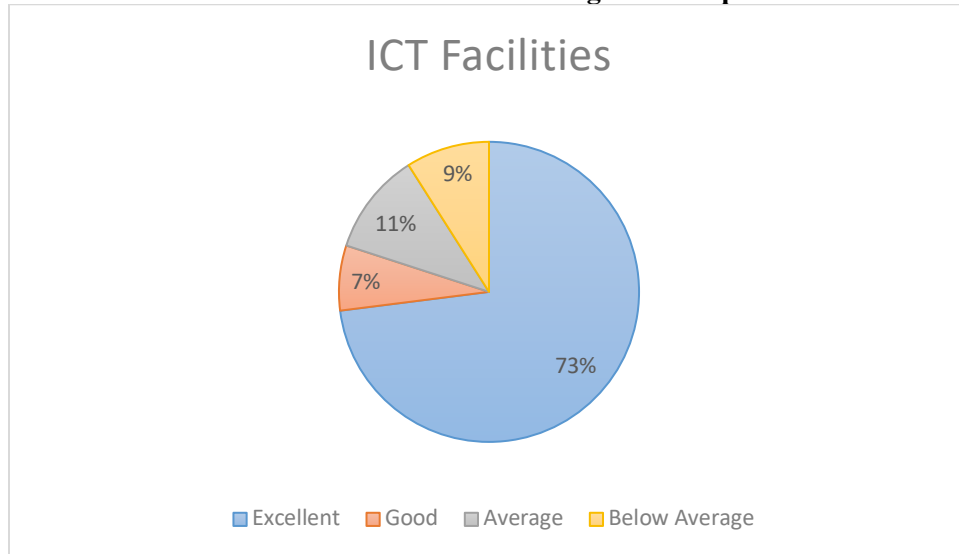☐ Excellent ☐ Good ☐ Average ☐ Below Average

Figure 5: ICT Facilities

There was some need to build more smart classrooms and increase the ICT facilities in the institute.

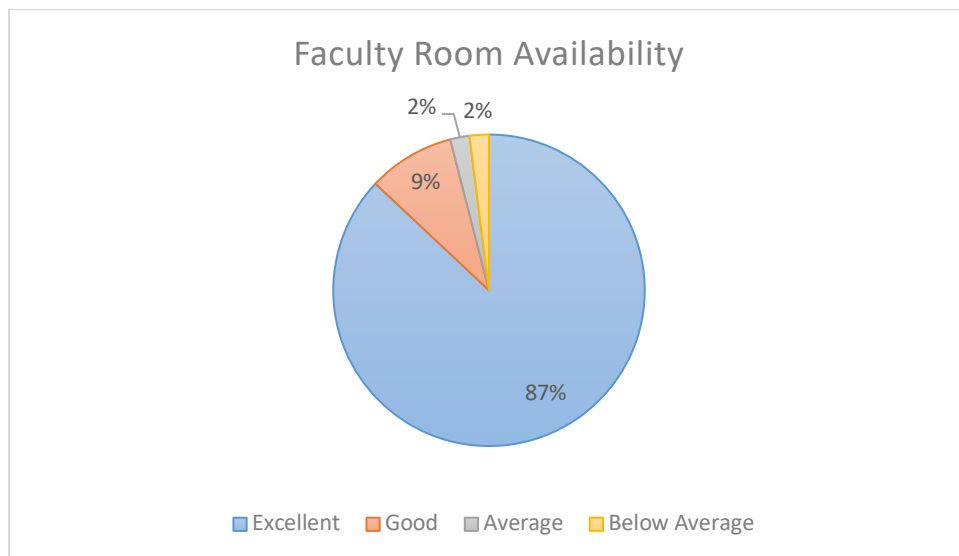**Question No 6 in feedback form: Faculty Room is adequate and available in the Institute.**

Faculty Room Availability

2%   2%
9%
87%

☐ Excellent ☐ Good ☐ Average ☐ Below Average

Figure 6: Faculty Room Availability

As per analysis of figure 6, the faculty room availability was satisfactory.

Action taken : Feedback was taken at the end of each semester for the 2016-17 academic year. The observation based on the feedback are as follows:

1. To request the governing council to increase number of e-Journals in the library.
2. To build more smart classrooms.
3. The institute should give stress on beyond the syllabus activities like industry projects, professional training, certification, and SME lectures.

Employer feedback

Employer's Feedback on Curriculum for the year 2016-17

The institute conducts Employer's feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average (1).Feedback was collected from employer and based on their answers the following charts were prepared to analyse the results.

Question No 1 in feedback form: Academic knowledge of the students
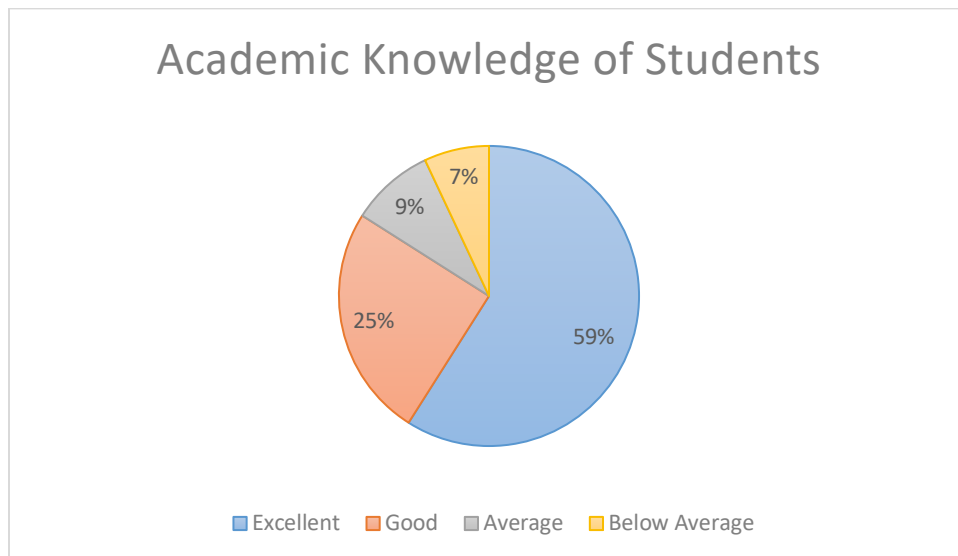

Figure 1: Academic Knowledge of Students

Employers were normally satisfied with the student knowledge. However, they impart necessary training as and when required.

Question No 2 in feedback form: Syllabus is suitable for Employability and is need based and as per current trends in market

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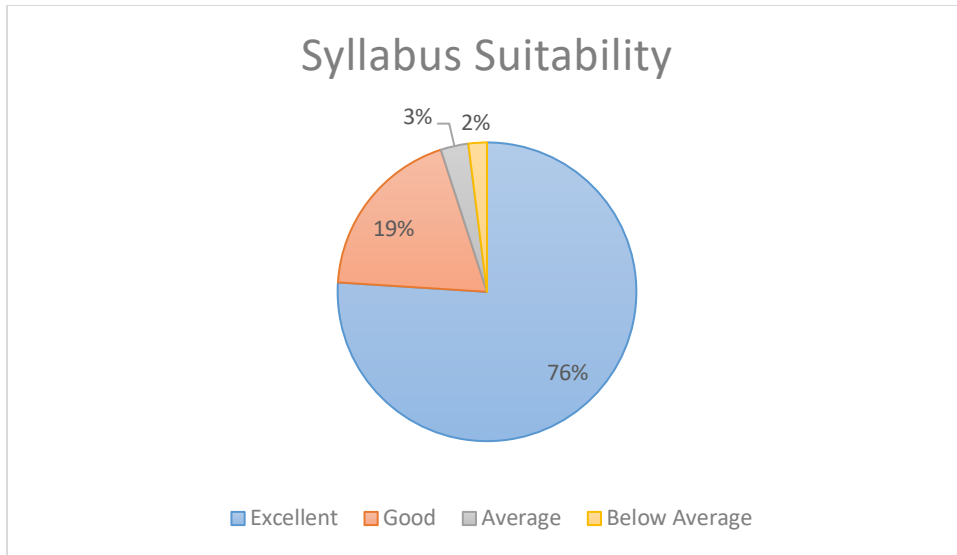
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Figure 2: Syllabus Suitability

Syllabus suitability as per the employers was satisfactory.

Question No 3 in feedback form: Ability of the employee to apply the concepts of engineering to workplace
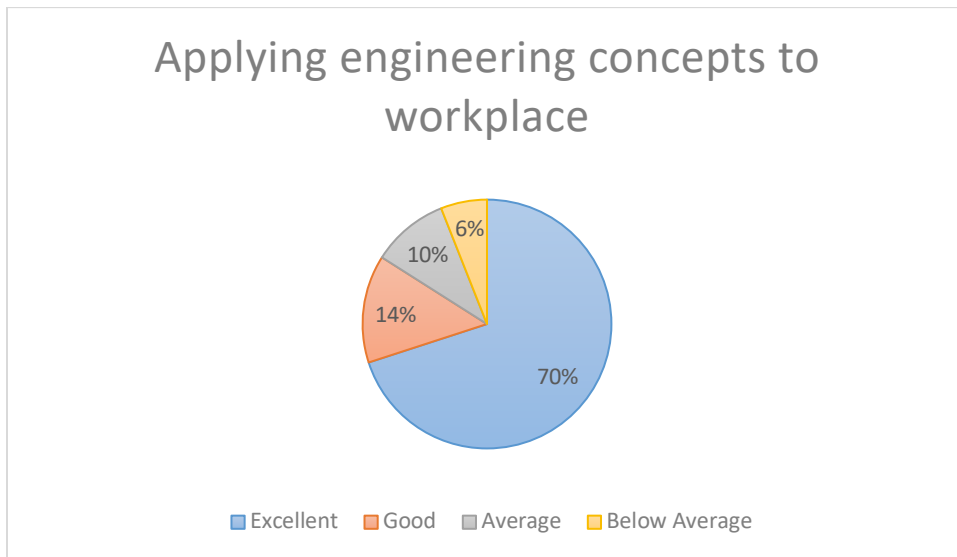

Figure 3: Applying engineering concepts to workplace

As per the analysis of figure 3, the employers were satisfied and glad with the students' innovative skills to workplace.

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Question No 4 in feedback form: Ability of the employee to identify, formulate, interpret, analyse, and solve problems
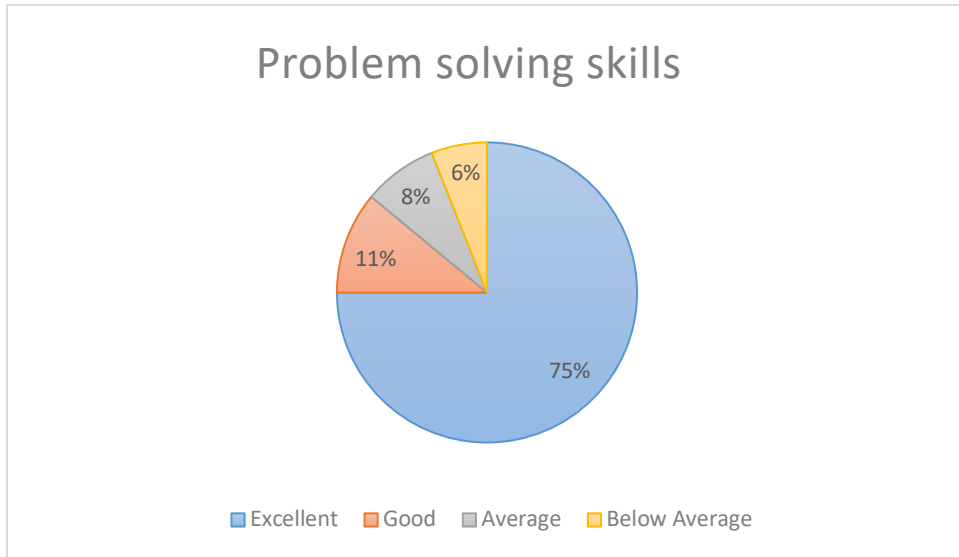

Figure 4: Problem Solving Skills

Employers suggested to teach the analytical and reasoning skills to the students.

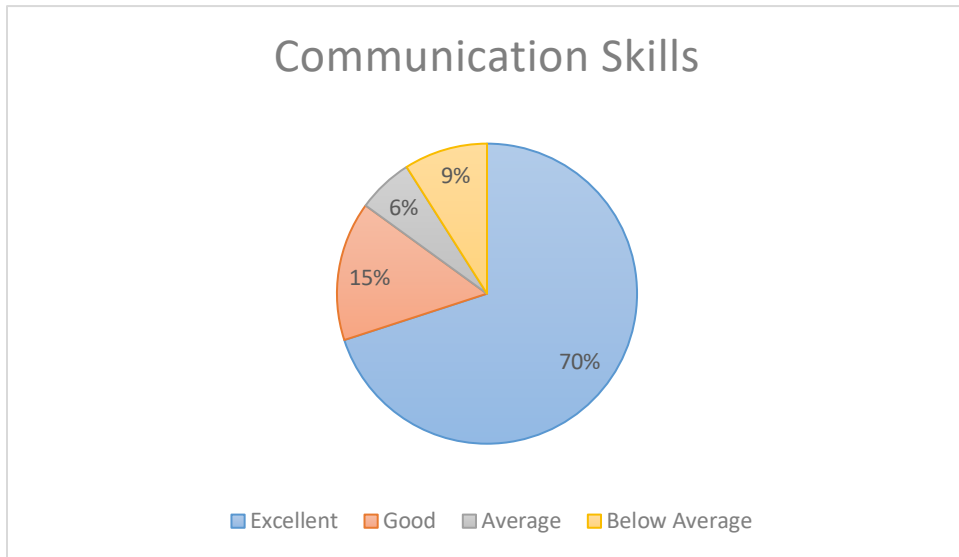**Question No 5 in feedback form: Ability of the employee to communicate**

Figure 5: Communication Skills

The objective of the course is to improve and test their communication skills.

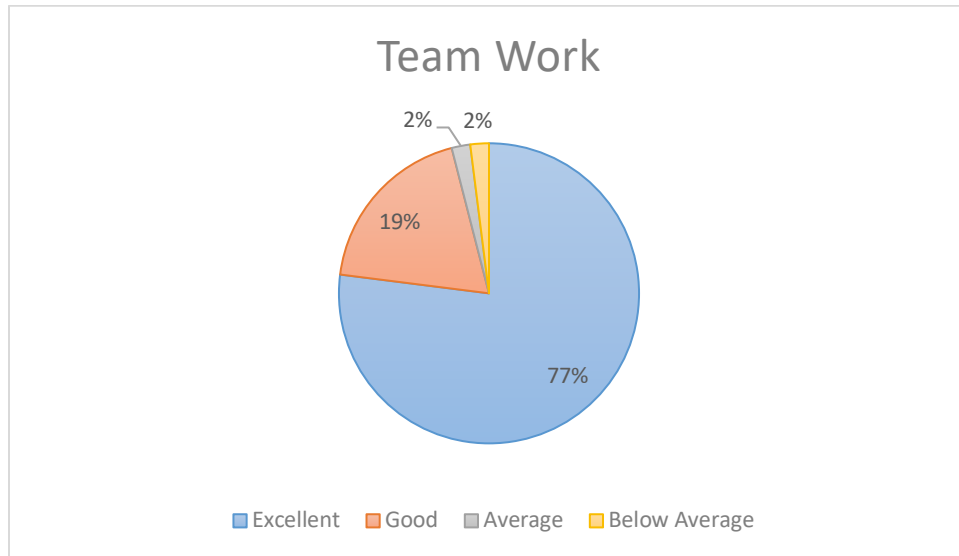**Question No 6 in feedback form: Ability to work in a team**

Figure 6: Team Work

The institute participated in Smart India Hackathon every year where students developed the ability to work in a team. As a result, employers were extremely satisfied with the performance of the students based on the team work.

Action taken : Feedback was taken at the end of each semester for the 2016-17 academic year. The observation based on the feedback are as follows:

1. Employers suggested to add few more value-added courses to increase the employability of the students and the institute had incorporated courses on latest industry requirements.
2. Employers expressed their views on incorporating the leadership and soft skills courses for the students.
3. There is a need to teach the students some analytical skills and reasoning aptitude.

Alumni feedback

Alumni's Feedback on Curriculum for 2016-17

The institute conducts Alumni's feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average (1).The feedback form included 2 questions related to syllabus transactions and the same was analysed using the above 4-point scale. Feedback was collected from alumni and based on their answers the following charts were prepared to analyse the results.

Question No 1 in feedback form: How do you find overall infrastructure at the Institute?

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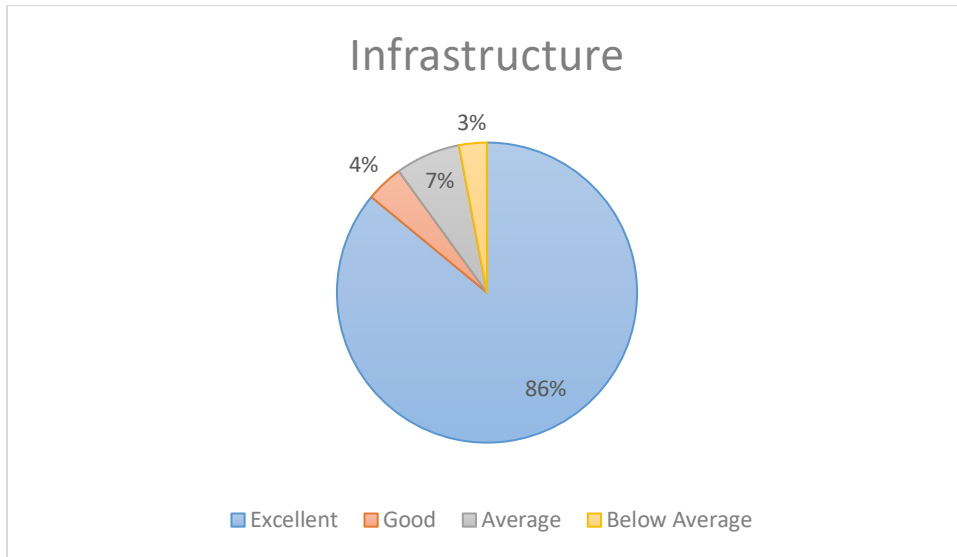
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Figure 1: Infrastructure

It was observed that majority of the alumni were satisfied with the existing infrastructure of the institute.

Question No 2 and 3 in feedback form: How do you rate Syllabus in preparing you for a Job/Higher Studies?
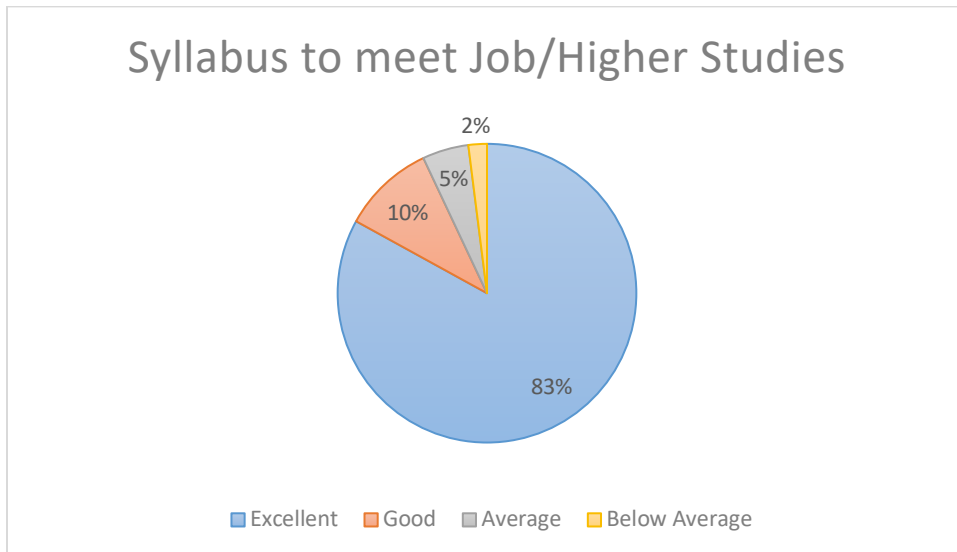

Figure 2: Syllabus to meet Job/Higher Studies

Majority of the alumni were satisfied with the syllabus as the syllabus is industry oriented and appropriate for higher studies.

Question No 4 in feedback form: Did you attend industry training/internship to prepare for industry job?

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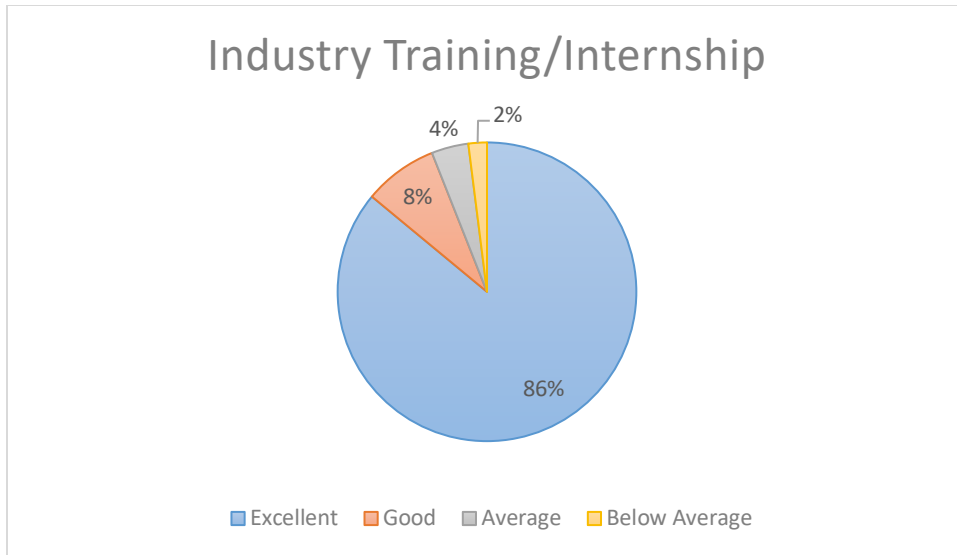
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Figure 3: Industry Training/Internship for Job

Right from the first year, the students were being taught beyond the syllabus and gap oriented courses that would lead to certifications. This was highly appreciated by the alumni.

Question No 5 in feedback form: Rate the various curricular, co-curricular and extra-curricular activities, during your course of study, in the Institute.
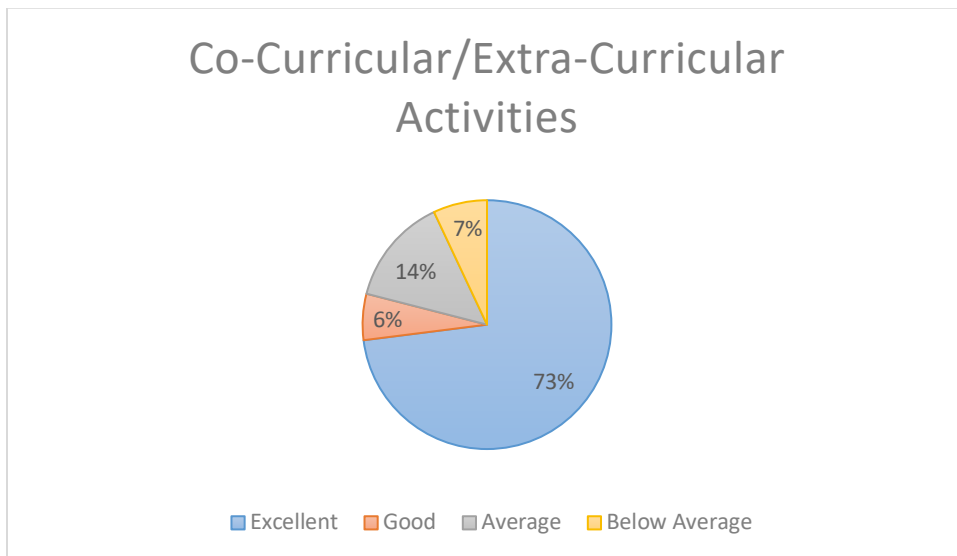

Figure 4: Co-Curricular/Extra-Curricular Activity

Majority of the alumni were extremely satisfied with the Co-Curricular/Extra-Curricular activity conducted by the institute.

Action taken : Feedback was taken at the end of each semester for the 2016-17 academic year. The observation based on the feedback are as follows:

1. Modern laboratories needed to be set up and the institute setup few advanced laboratories like AI Lab
2. To increase more MOOC courses.
3. To increase Co-Curricular/Extra-Curricular activity conducted by the institute.

Result Analysis

CE –   The pass percentage of the students in subjects Hydraulics & Hydraulics Machine , Strength of Materials-II and Fluid Mechanics was low.

CSE –   The performance in all the subjects were satisfactory.

ECE –   The performance in all the subjects were satisfactory.

EE-   The performance in subject Basic Electrical Engineering was low.

EEE-   The performance in subject Linear Integrated Circuit was low.

IT-   The performance in subject Statistics and Probability Theory was low .
    .
ME-   The performance in all the subjects were satisfactory

Action taken based on aforesaid Result Analysis

1. The student performance for Mr Kunal Motwani is previous year was not satisfactory and hence he was asked to imrpove. Based on department review and result analysis Ms Neelam Ali was asked to improve herself and then continue taking academic activities.

2. Mr Gajendra Sharma and Mr Yashwant Soni were told to improve the teaching pedagogy.

3. Ms Kirti Purswani was warned and she was asked to give a mini demo of teaching style in front of her Head of CSE Department. Ms Kirti Purswani was warned and she was asked to give a mini demo of teaching style in front of her Head.

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