



TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY

Approved by AICTE & Affiliated to Rajasthan Technical University

www.technonjr.org

NJR Knowledge Campus, Plot-SPL-T, Bhamashah (RIICO) Industrial Area, Kaladwas, Udaipur - 313003 (Raj.)
Tel. : +91 2942650214-17 Fax :+91 2942650218, Email : technonjr@gmail.com, director@technonjr.org

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 – 23/09/2019

Agenda

Feedback from students, faculties, employers, parents and alumni as well as results for the Academic Year 2018-19 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 2018-19)

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).

For Techno India NJR Institute of Technology
पंकज पोरवाल
Dr. Pankaj Kumar Porwal
(Principal)

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?

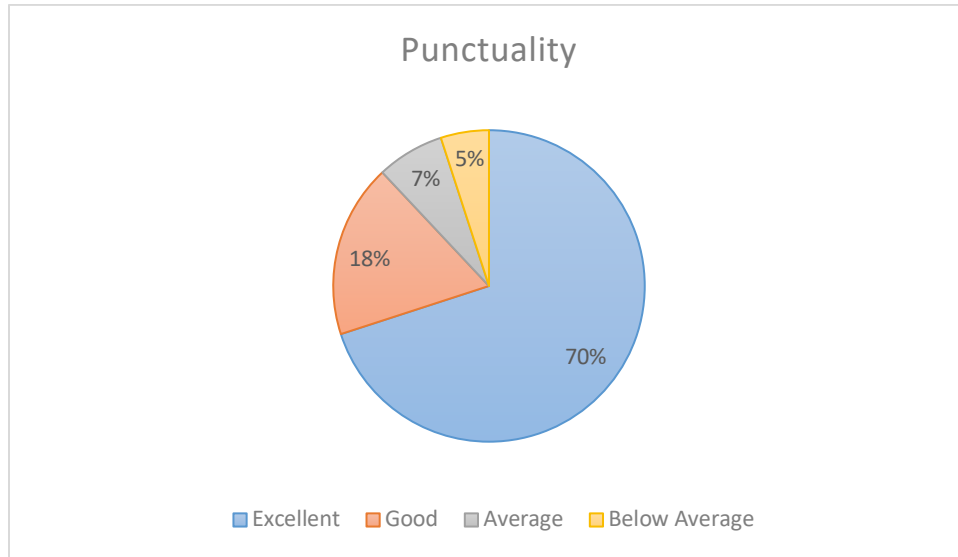


Figure 1: In-class Punctuality

Analysis of figure 1 shows that the students are satisfied with the faculty's punctuality. All the teachers enter class in time and also are available in free periods for doubt solving purposes.

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

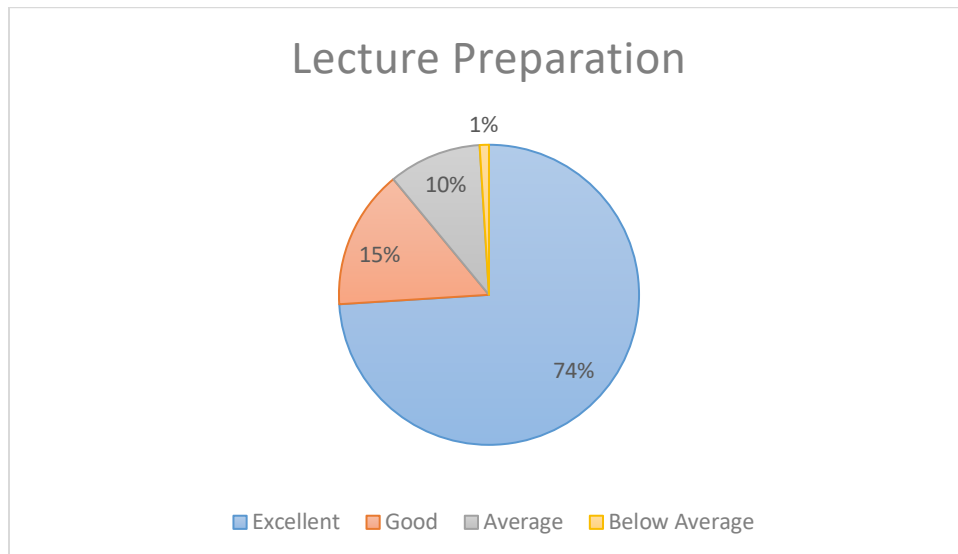


Figure 2: Lecture Preparation

Analysis of figure 2 shows that faculties are always well prepared for the classes. Even in some cases the teachers used to send question banks in advance and discuss the same in the class.

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

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

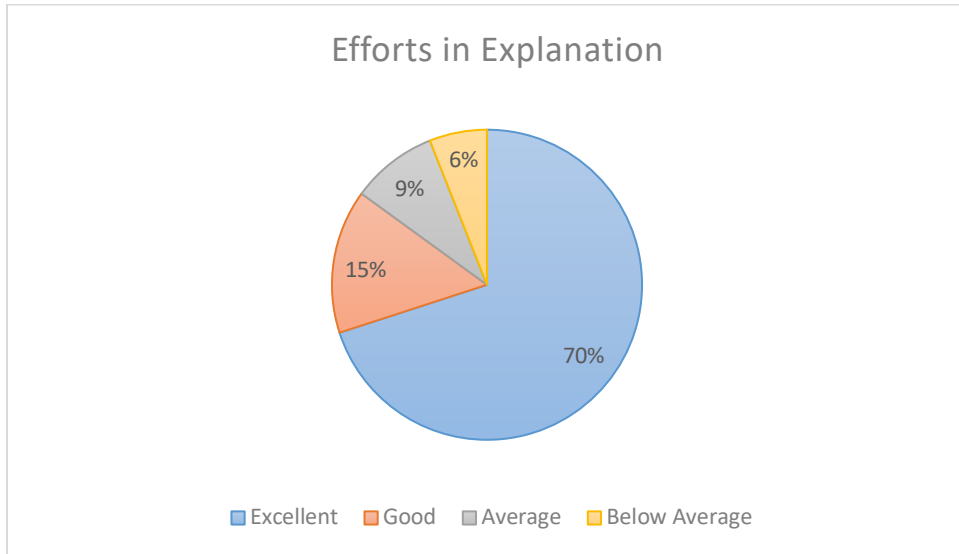


Figure 3: Efforts in explanation

Majority of the students are satisfied with the faculty's efforts. The teachers always try to deliver in the best possible way in the class.

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

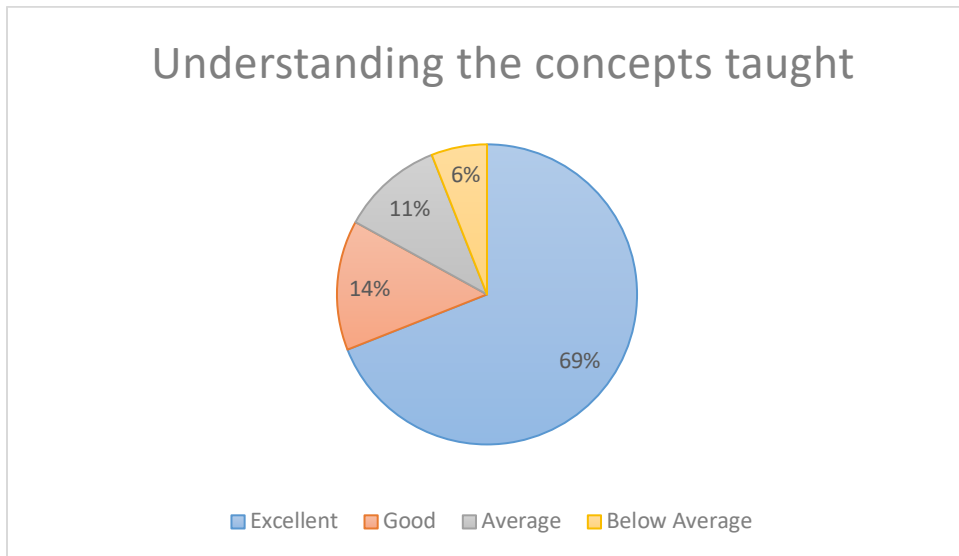


Figure 4: Understanding the concepts taught

Analysis of figure 4 shows that majority of the students understand the concepts taught in the classes. If still there is any doubt then the teacher solves those after class timings.

For Techno India NJR Institute of Technology
पंकज पोखरण
Dr. Pankaj Kumar Porwal
(Principal)

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

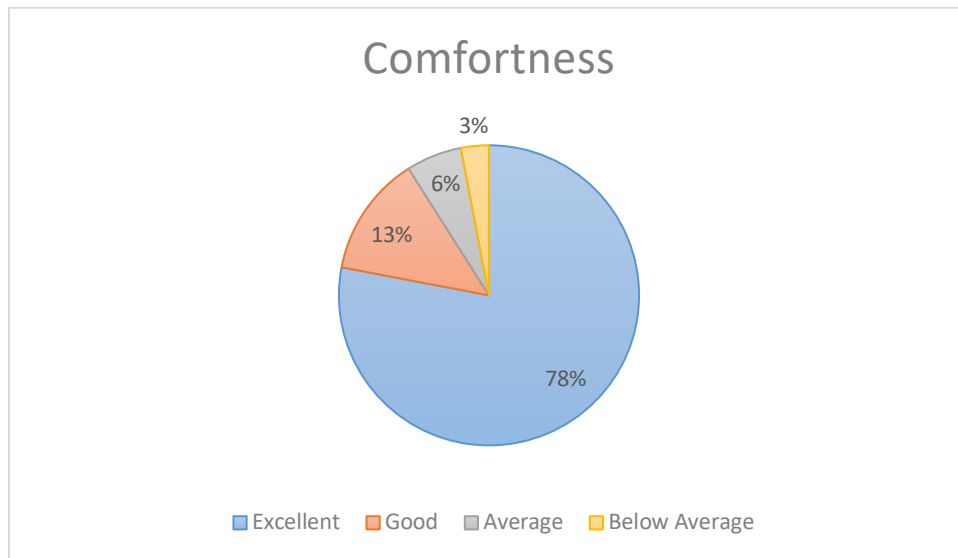


Figure 5: Comfortness

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

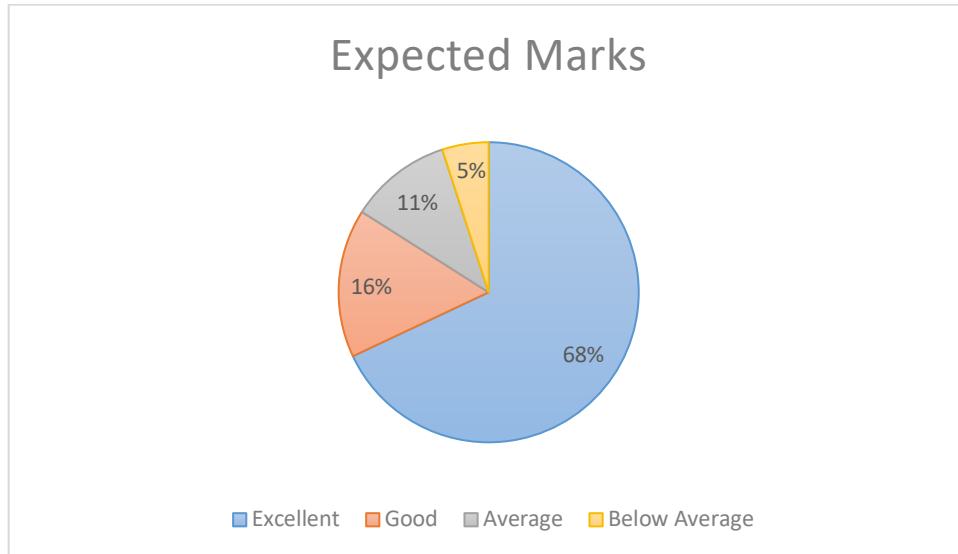


Figure 6: Expected Marks

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?

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

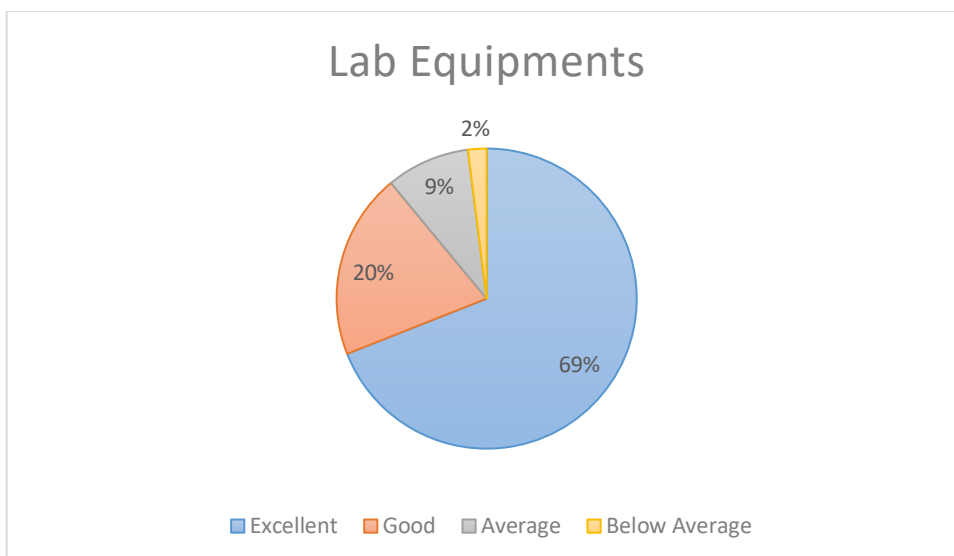


Figure 7: Lab Equipments

Analysis of figure 7 shows that majority of the students are satisfied with the labs equipments.

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

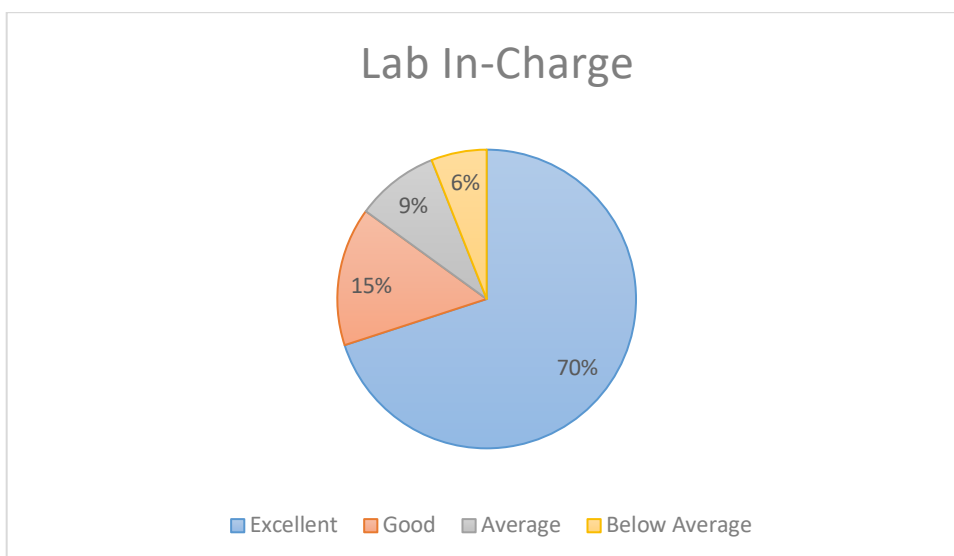


Figure 8: Lab In-charge

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

Part B (Student's Feedback on Curriculum) for 2018-19

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).

For Techno India NJR Institute of Technology
 पंकज पोखवाल
 Dr. Pankaj Kumar Porwal
 (Principal)

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

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

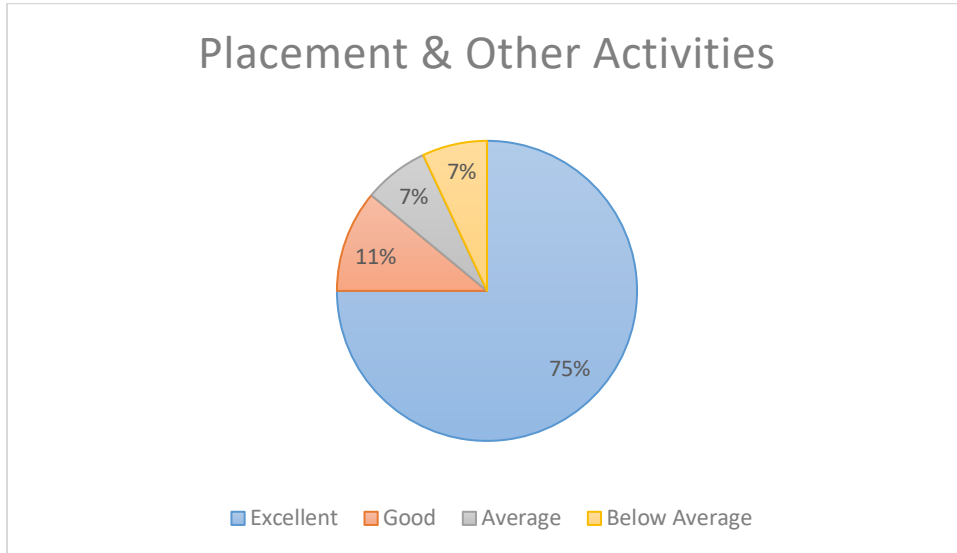


Figure 1: Placement & Other activities

The institute has a dedicated training and placement cell that takes care of activities leading to Placement, Entrepreneurship, Lifelong learning, Field Projects, and Internship. As per the analysis of figure 1, 86% of students were satisfied with the activities.

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

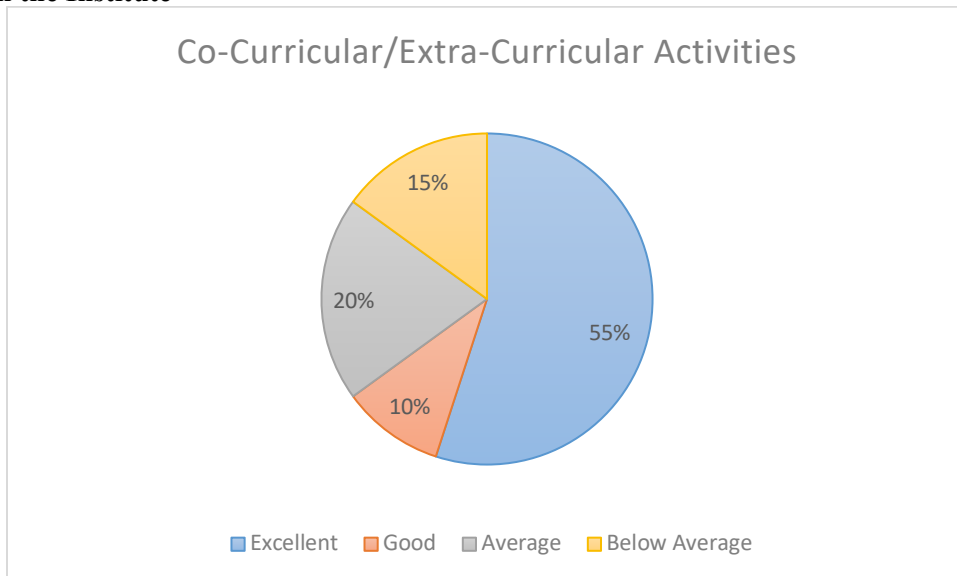


Figure 2: Co-Curricular/Extra-Curricular Activities

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

Though the institute mainly focuses on academic activities, still some co-curricular activities were conducted and as a result 65% 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

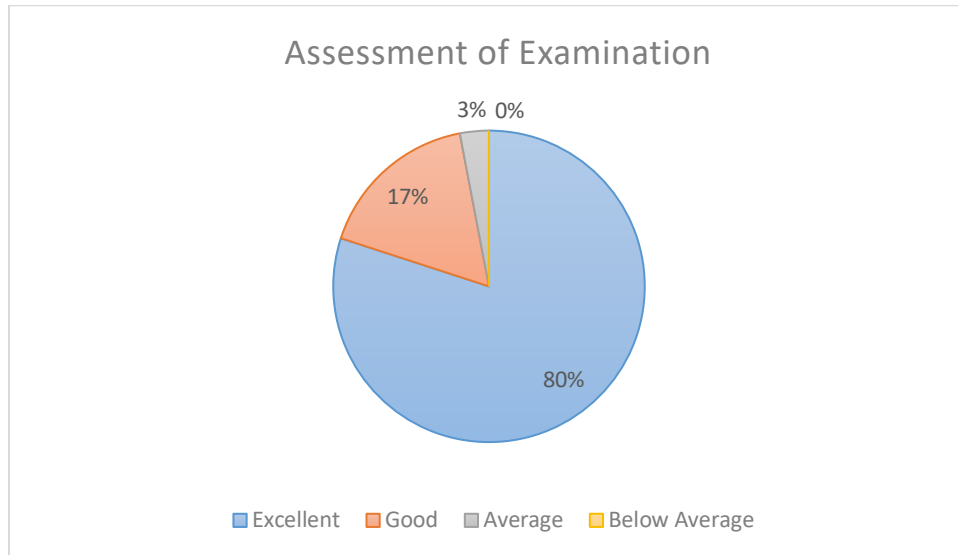


Figure 3: Assessment of Examination

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?

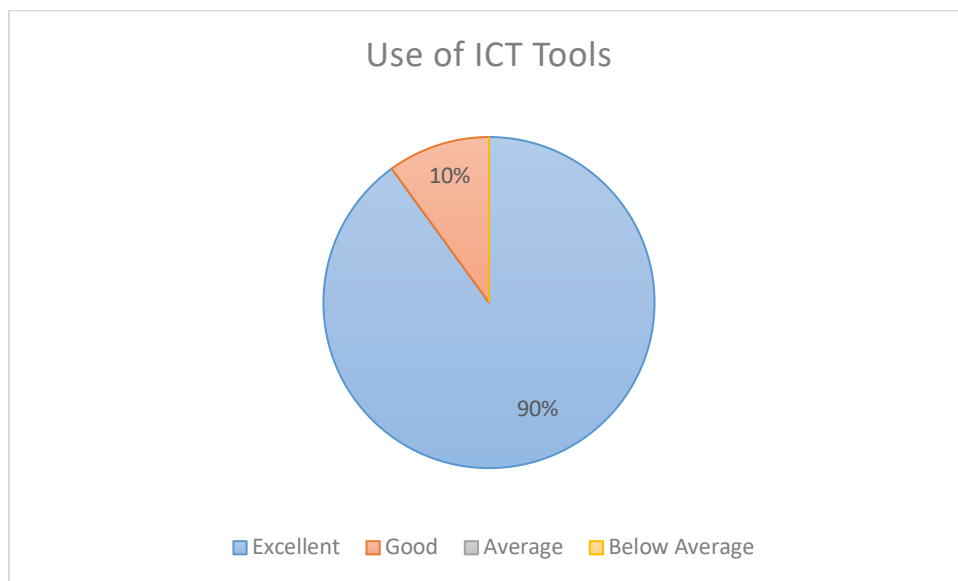


Figure 4: Use of ICT Tools

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

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 their teaching in the class.

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

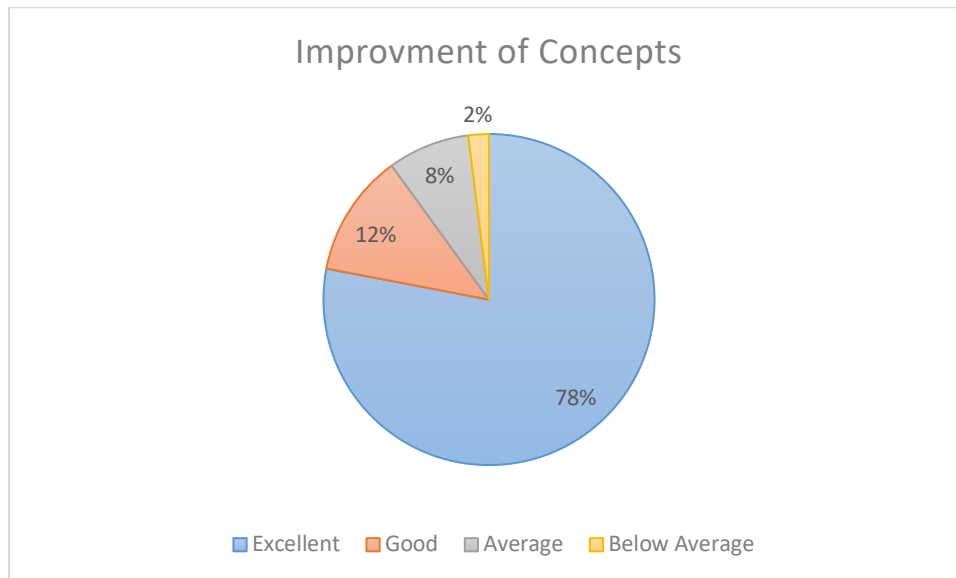


Figure 5: Improvement of Concepts

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 2018-19 academic year. The observation based on the feedback are as follows:

1. To request the Governing Council to enhance ICT facilities and build more smart classrooms.
2. 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.
3. To enhance Co-Curricular/Extra-Curricular activities.

Faculty feedback

Faculty's Feedback on Curriculum for 2018-19

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.

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

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

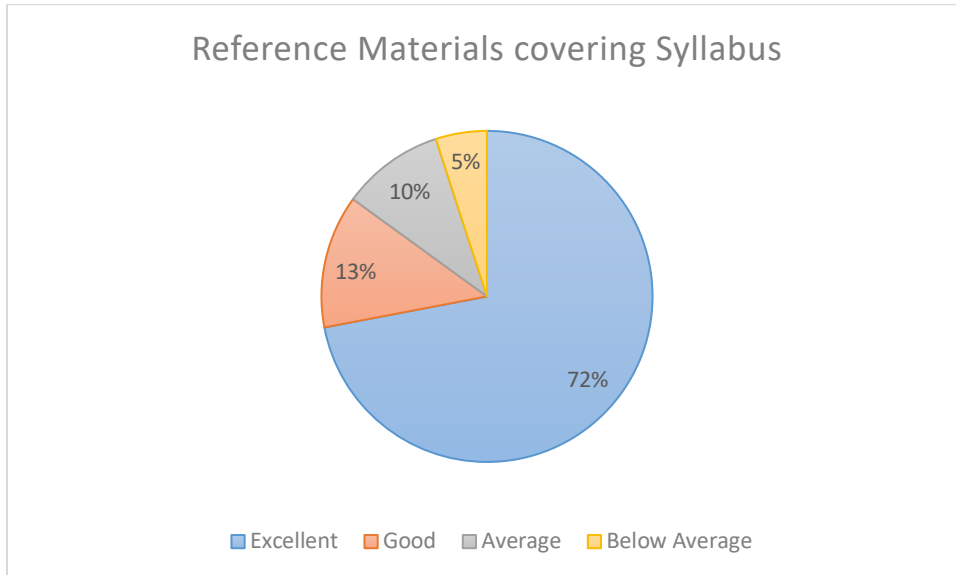


Figure 1: Reference Materials covering syllabus

Analysis of figure 1 shows that 85% 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.

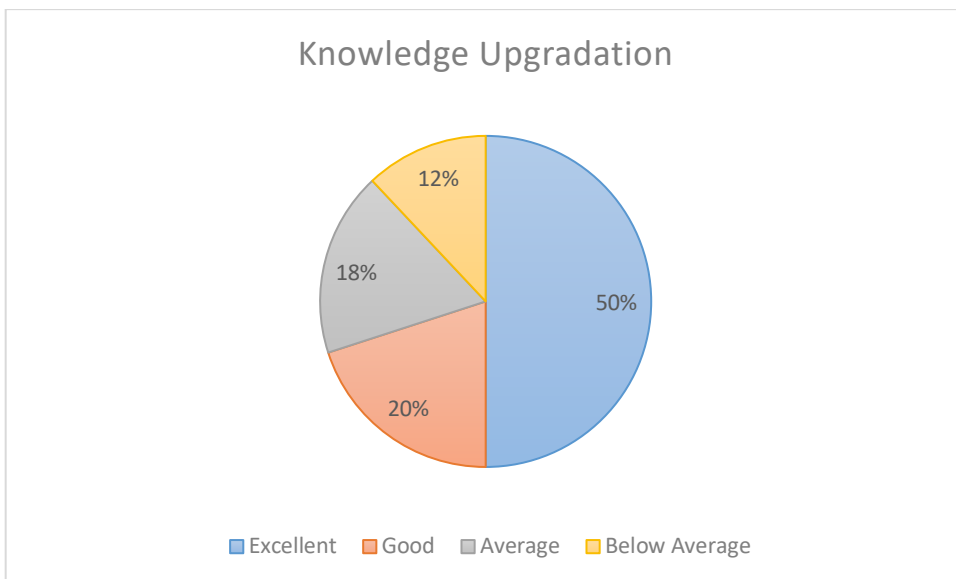


Figure 2: Knowledge Upgradation

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

Analysis of figure 2 shows that even though majority of the faculty members were satisfied with the syllabus content still to update their domain knowledge, they used to pursue industry certification, trainings, MOOC sessions, FDP and STTP.

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.

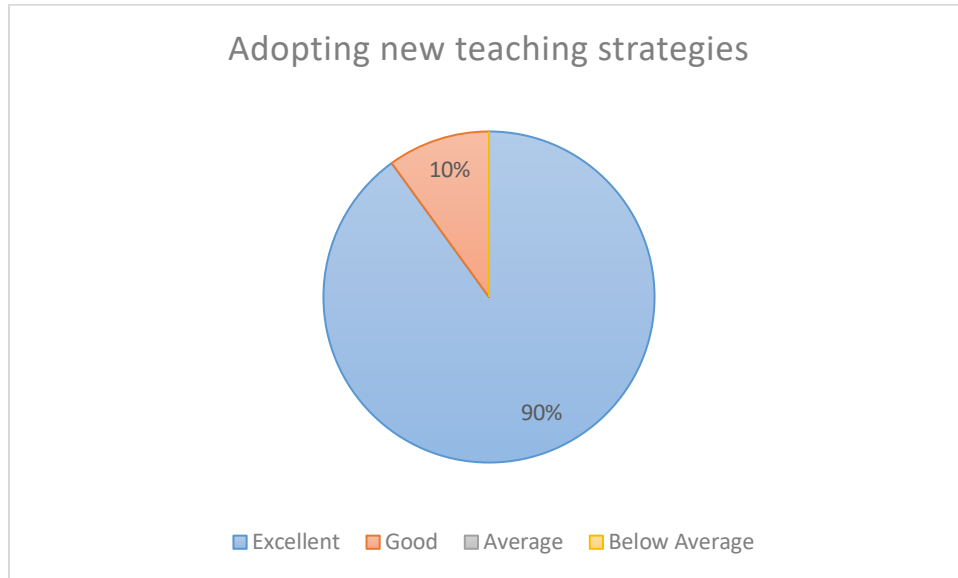


Figure 3: Adopting new teaching strategies

The faculties have full freedom to conduct the classes as per their autonomy. Apart from the syllabus coverage they used to conduct interactive sessions, online sessions by subject matter experts from academia and industry, group discussions, seminars.

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

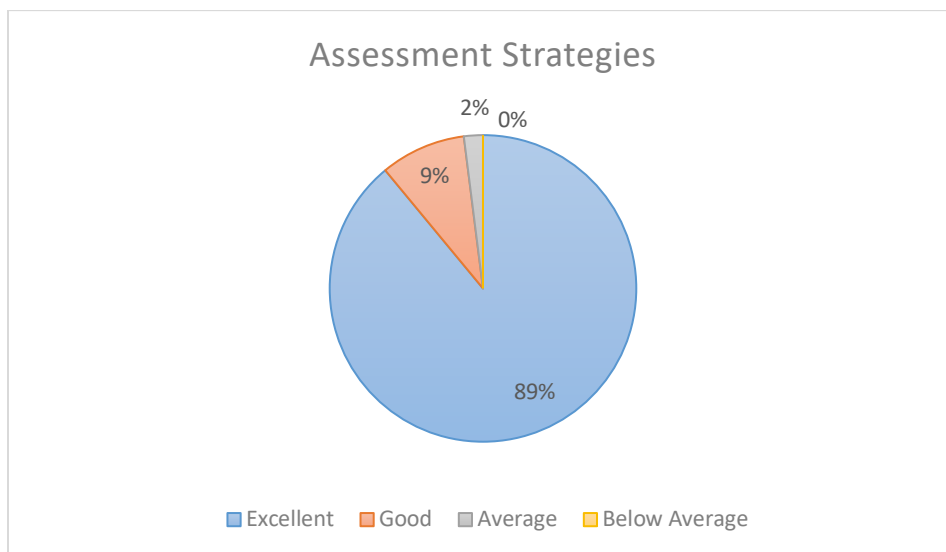


Figure 4: Assessment Strategies

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

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.

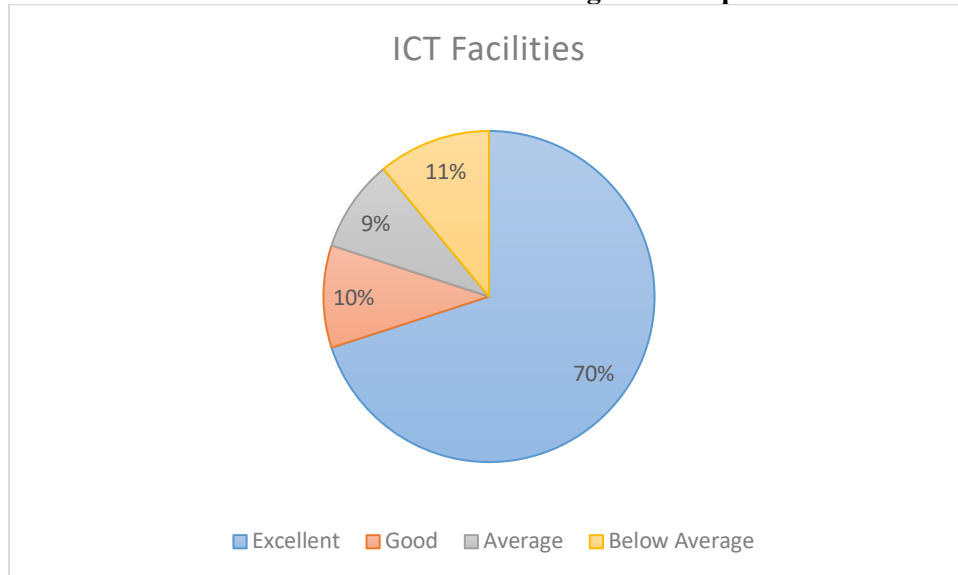


Figure 5: ICT Facilities

As per analysis of figure 5, there were some need to enhance the ICT facilities in the institute.

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

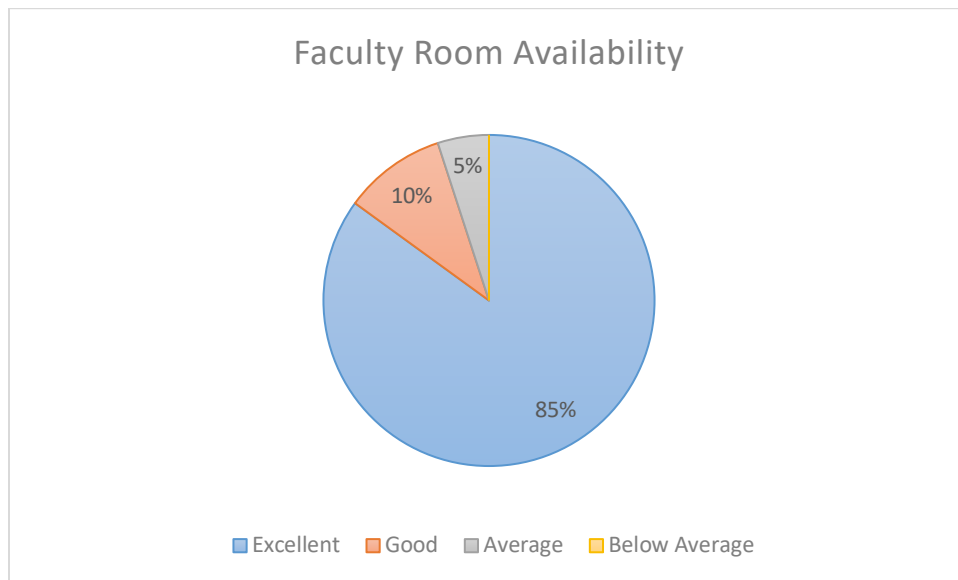


Figure 6: Faculty Room Availability

As per analysis of figure 6, the infrastructure of institute is as per the AICTE norms and there is adequate room for faculties.

For Techno India NJR Institute of Technology
पंकज पोखरण
Dr. Pankaj Kumar Porwal
(Principal)

Action taken: Feedback was taken at the end of each semester for the 2018-19 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 enhance the ICT facilities in the institute.
3. Faculty feedback on the various aspects on curriculum such as Design, sequence, Subject-Content, and its relevance shows that syllabus prescribed by the RTU is organized. However, the institute gives stress on beyond the syllabus activities like industry projects, professional training, certification, and SME lectures. So faculties used to do NPTEL / MOOC courses on regular basis in order to meet latest technology demands.

Parents Feedback

Parents' Feedback on Curriculum for 2018-19

The institute conducts Parents' 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 Parents and based on their answers the following charts were prepared to analyze the results.

Question No 1 in feedback form: Are you happy with the progress of your ward in academics?

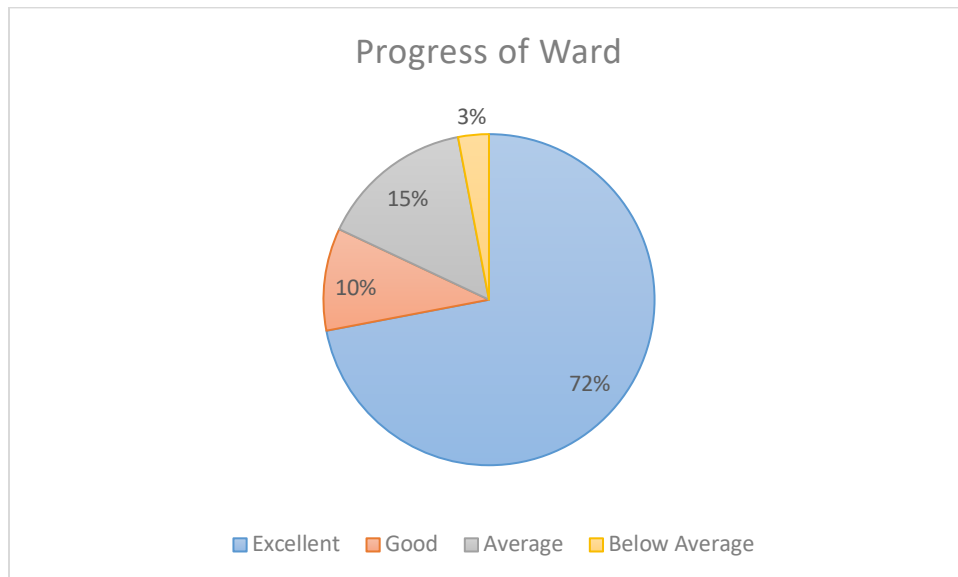


Figure 1: Progress of Ward

Analysis of figure 1 shows that majority of the parents were extremely satisfied with the progress of their wards in the academics.

For Techno India NJR Institute of Technology
पंकज पोखवाल
Dr. Pankaj Kumar Porwal
(Principal)

Question No 2 in feedback form: How do you rate the infrastructural facilities provided by the institute?

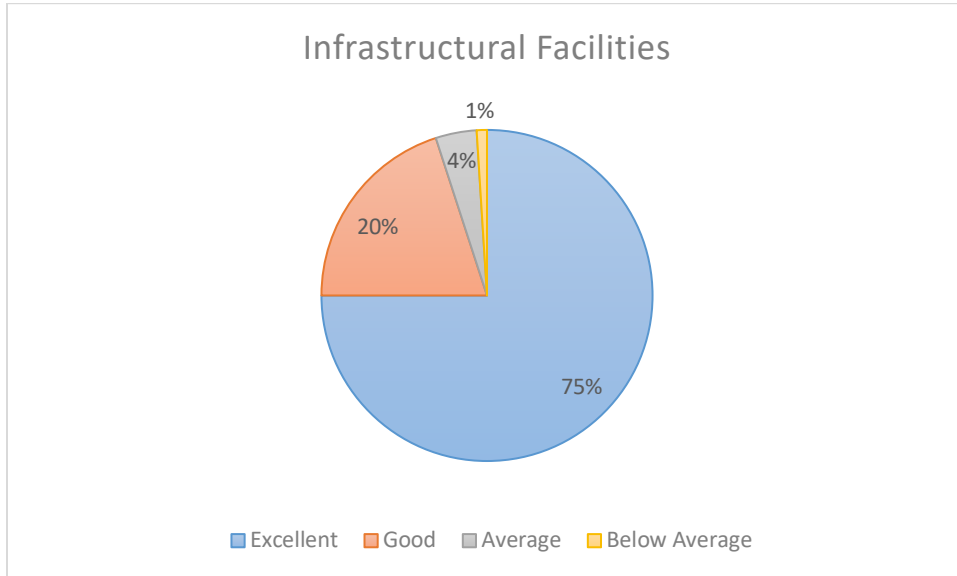


Figure 2: Infrastructural Facilities

Analysis of figure 2 shows that the parents were satisfied with the infrastructure facilities.

Question No 3 in feedback form: Are you happy with the curricular (Add-on Courses/Seminar/Guest Expert Lectures) & Extra-Curricular Activities organized by the Institute?

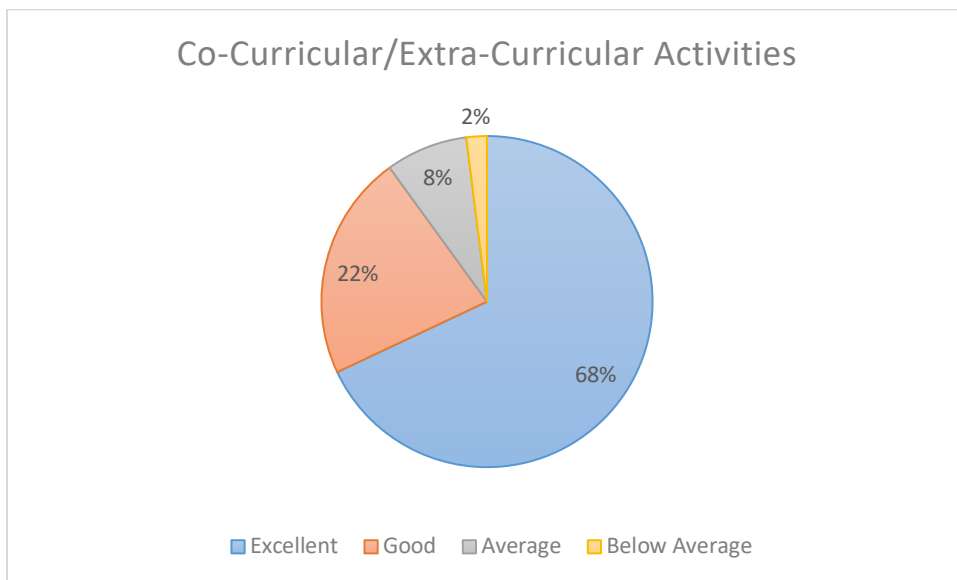


Figure 3: Co-Curricular/Extra-Curricular Activities

For Techno India NJR Institute of Technology
पंकज पोखरण
Dr. Pankaj Kumar Porwal
(Principal)

Since the institute mainly focuses on academic activities, still few parents suggested to increase co-curricular/extra-curricular activities for the students to make them versatile.

Question No 4 in feedback form: Are you satisfied with the Administration of Institute?

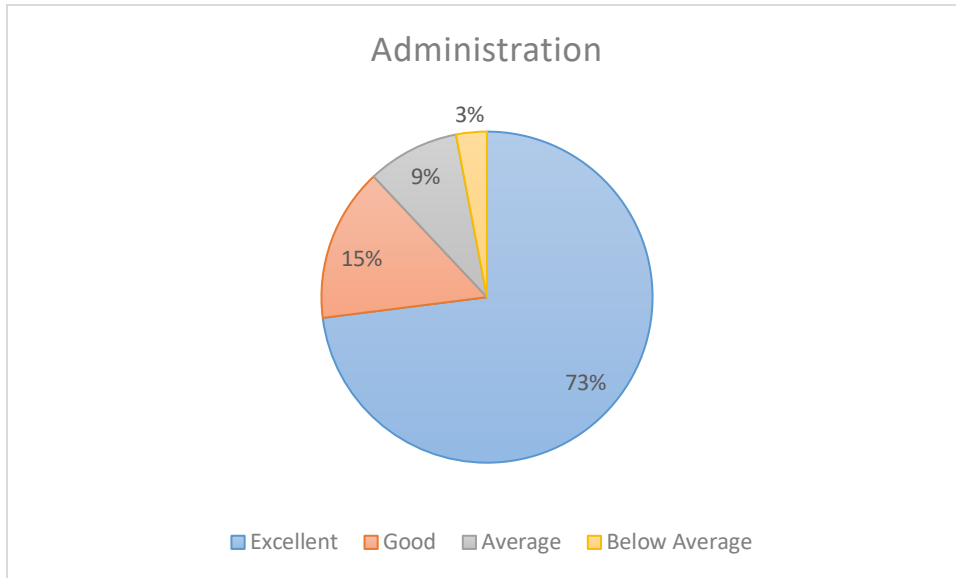


Figure 4: Administration

The institute has a well organized administrative policy. However few parents expressed view for more bus facilities.

Question No 5 in feedback form: Are you satisfied with the student's discipline of the Institute?

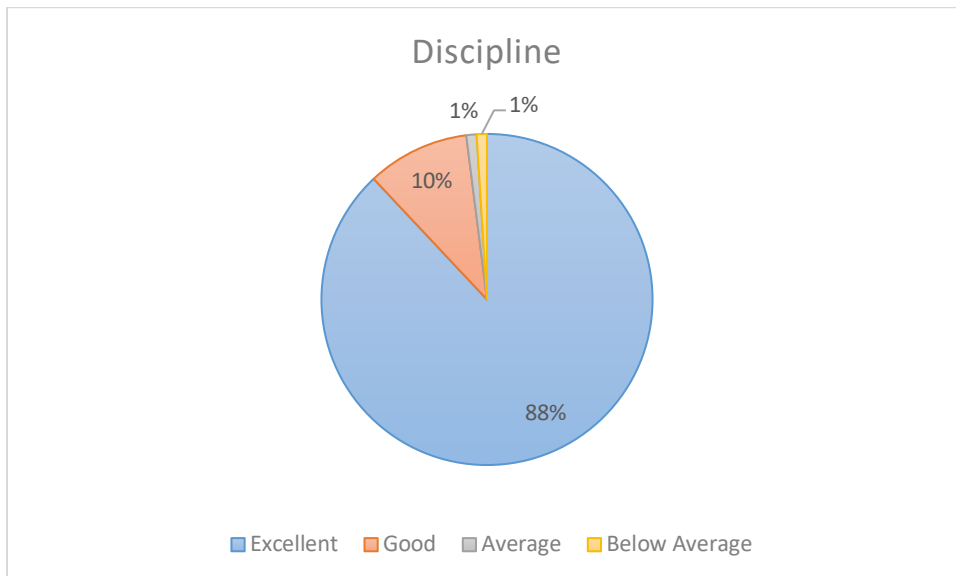


Figure 5: Discipline

Discipline is one of the pillars of the institute. The faculties effectively conducted mentoring programs and as a result the students were extremely disciplined. Very rare cases arrived in disciplinary committee.

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

Question No 6 in feedback form: Does your ward/Institute regularly inform you about his/her performance?

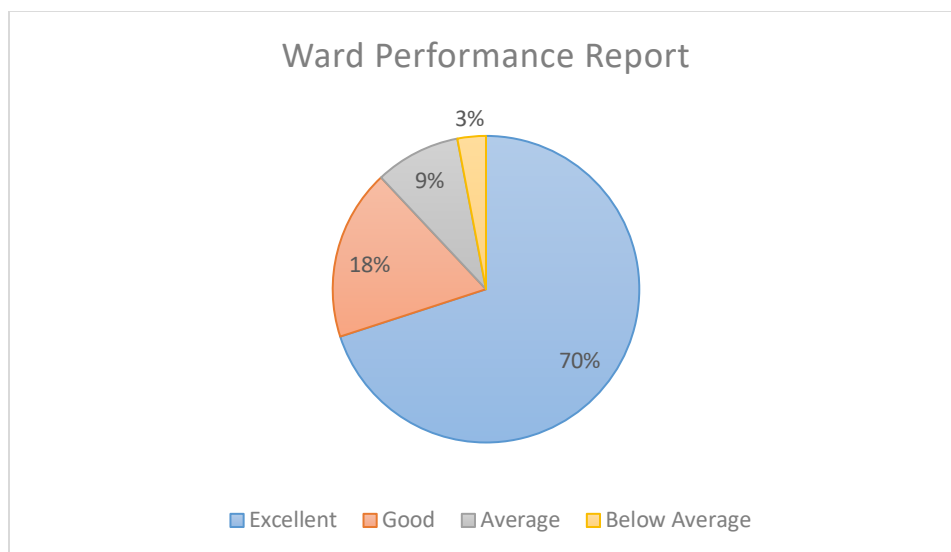


Figure 6: Ward Performance Report

Even though regular Parent-Teacher meetings were conducted still few parents suggested to increase the frequency of the meeting on their ward performance.

Action taken: Feedback was taken at the end of each semester for the 2018-19 academic year. The observation based on the feedback are as follows:

1. One more bus was added.
2. Parents also suggested to increase the frequency of Parent-teacher meetings on their ward performance and management is working on the same issue.

Employer Feedback

Employer's Feedback on Curriculum for 2018-19

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

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

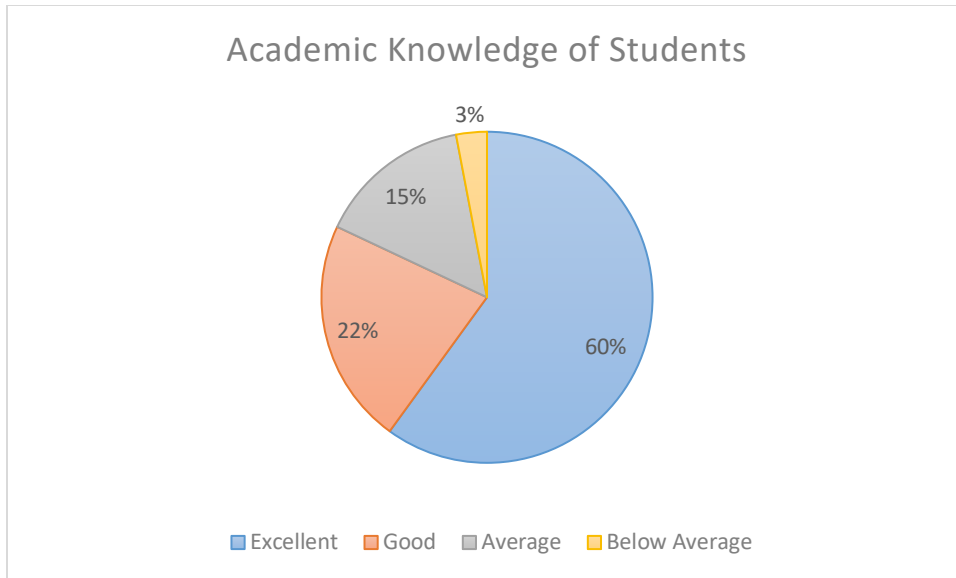


Figure 1: Academic Knowledge of Students

Majority of the employers were satisfied with the academic knowledge of students. The institute should increase the number of beyond the syllabus activities whereby the students will be accustomed with the latest technology.

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

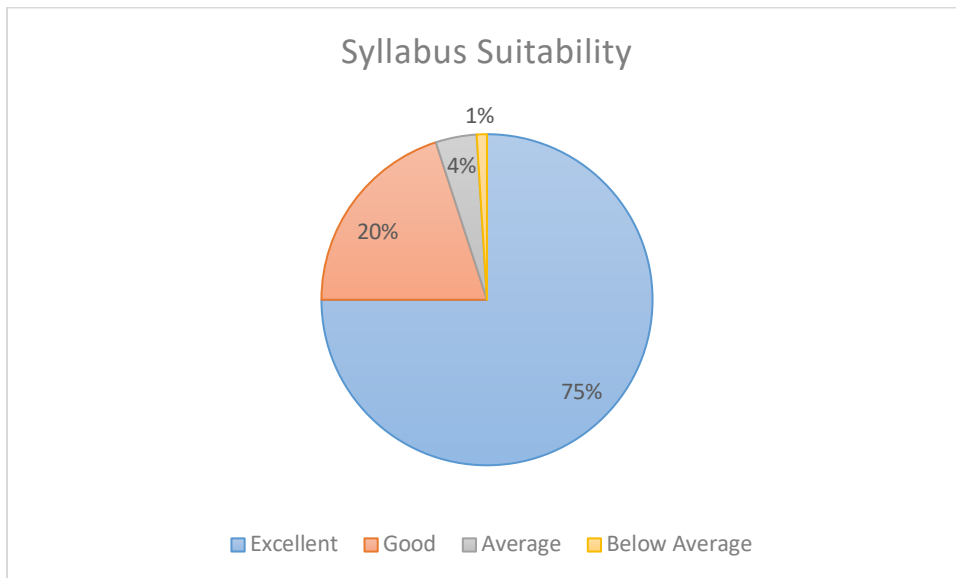


Figure 2: Syllabus Suitability

Employers were satisfied with the syllabus content. However, they have suggested the students to pursue industry certification, trainings, and MOOC sessions.

For Techno India NJR Institute of Technology
 पंकज पोरवाल
 Dr. Pankaj Kumar Porwal
 (Principal)

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

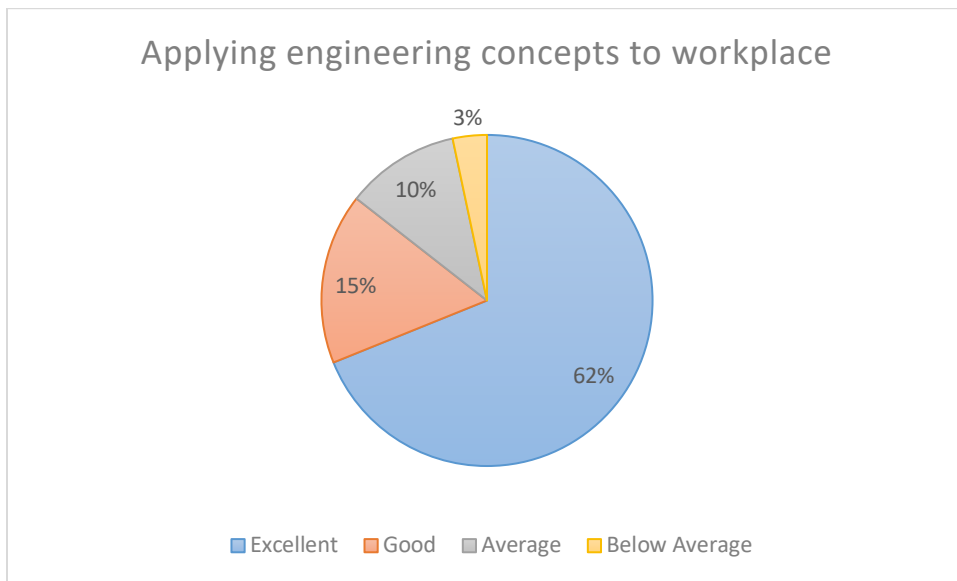


Figure 3: Applying engineering concepts to workplace

As per the analysis of figure 3, the employers were satisfied with the students' innovative skills to workplace. They have also suggested to teach them leadership and soft skills.

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

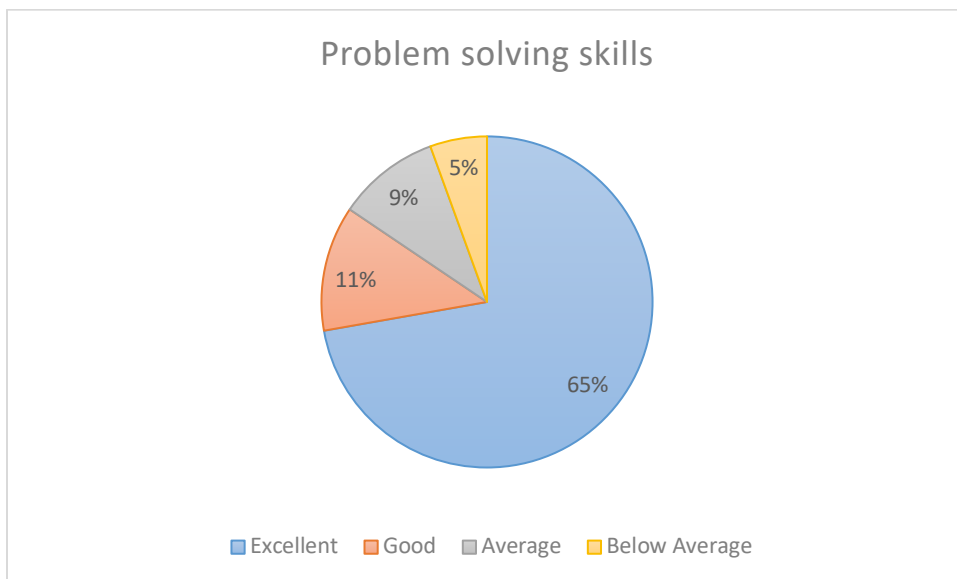


Figure 4: Problem Solving Skills

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

Employers suggested to teach the analytical and reasoning skills to the students so that they can better solve real life problems and have the idea to formulate and interpret any problem statement.

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

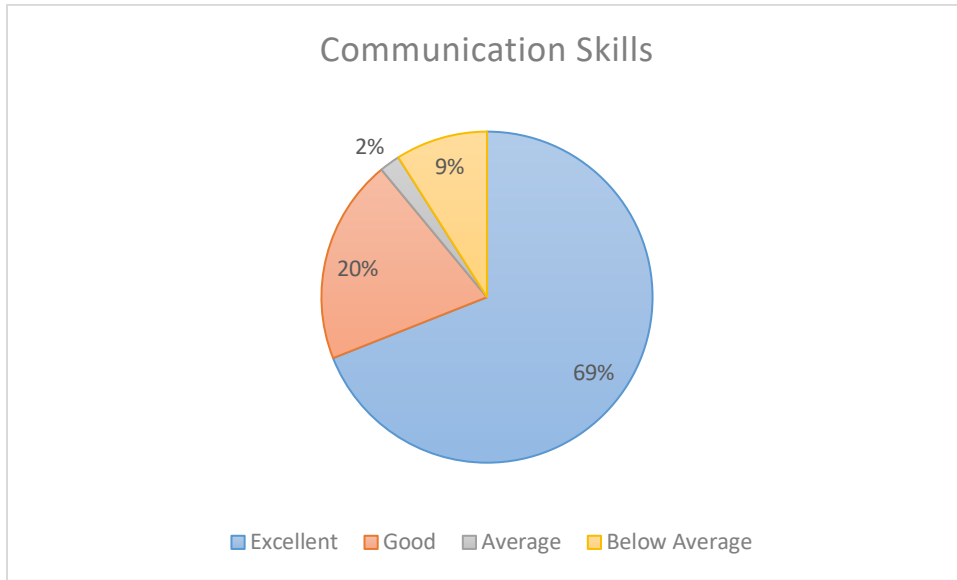


Figure 5: Communication Skills

Even though the institute organizes communication classes for the students, still the employers suggested to teach business reports preparation, presentation skills, email writing, corporate culture, and ethics.

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

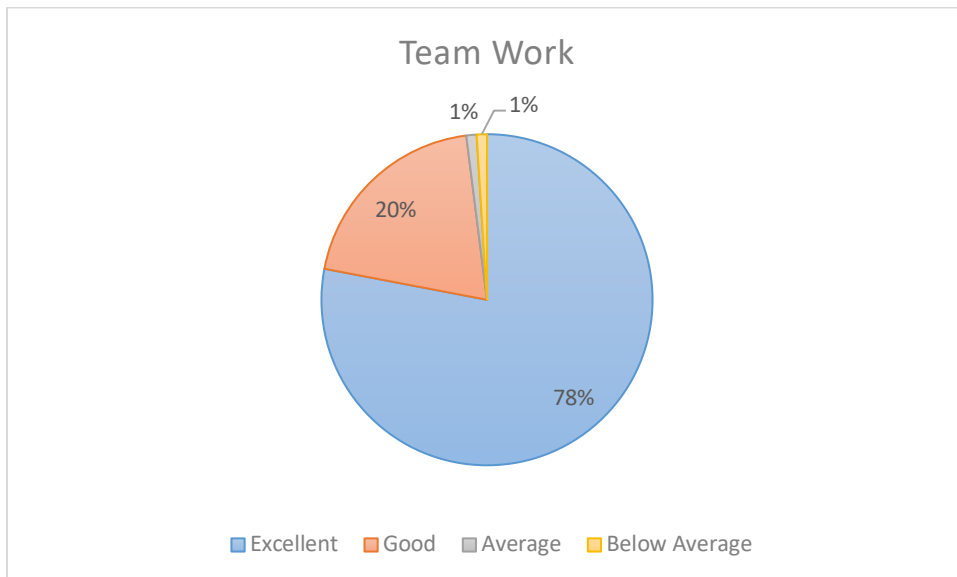


Figure 6: Team Work

Employers were satisfied with the performance of the students based on the team work.

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

Action taken : Feedback was taken at the end of each semester for the 2018-19 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.
2. Employers gave their opinion to motivate the students for professional certification and trainings.
3. Employers expressed their views on incorporating the leadership and soft skills courses for the students.
4. There is a need to teach the students some analytical skills and reasoning aptitude.
5. Employers suggested to teach business reports preparation, presentation skills, email writing, corporate culture, and ethics.
6. The institute participated in Smart India Hackathon every year where students developed the ability to work in a team.

Alumni Feedback

Alumni's Feedback on Curriculum for 2018-19

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?

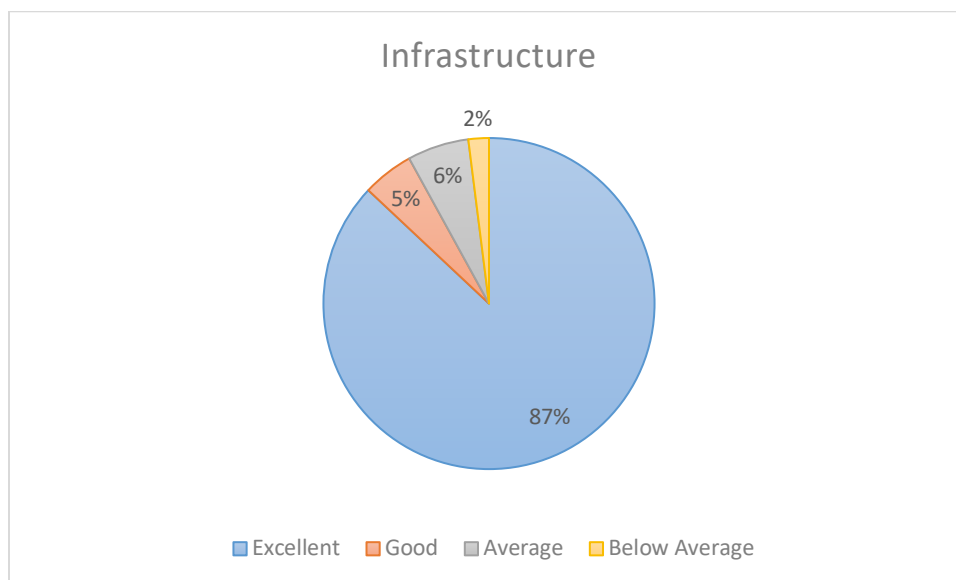


Figure 1: Infrastructure

Analysis of figure 1 shows that majority of the alumni were extremely satisfied with the infrastructure provided by the institute.

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

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

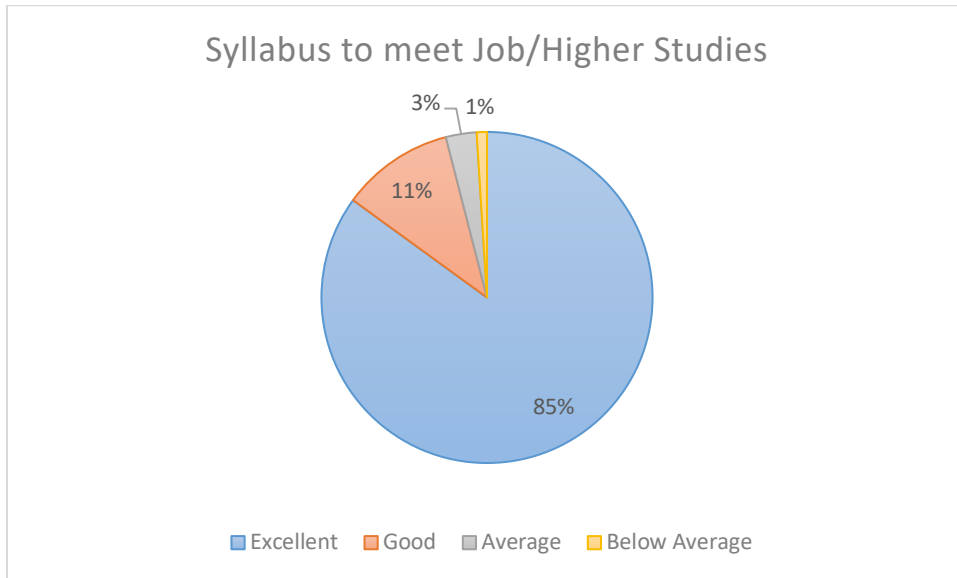


Figure 2: Syllabus to meet Job/Higher Studies

Analysis of figure 2 shows that even though majority of the alumni were satisfied with the syllabus content still to make the student industry ready/higher studies, they should pursue industry certification, trainings, and MOOC sessions.

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

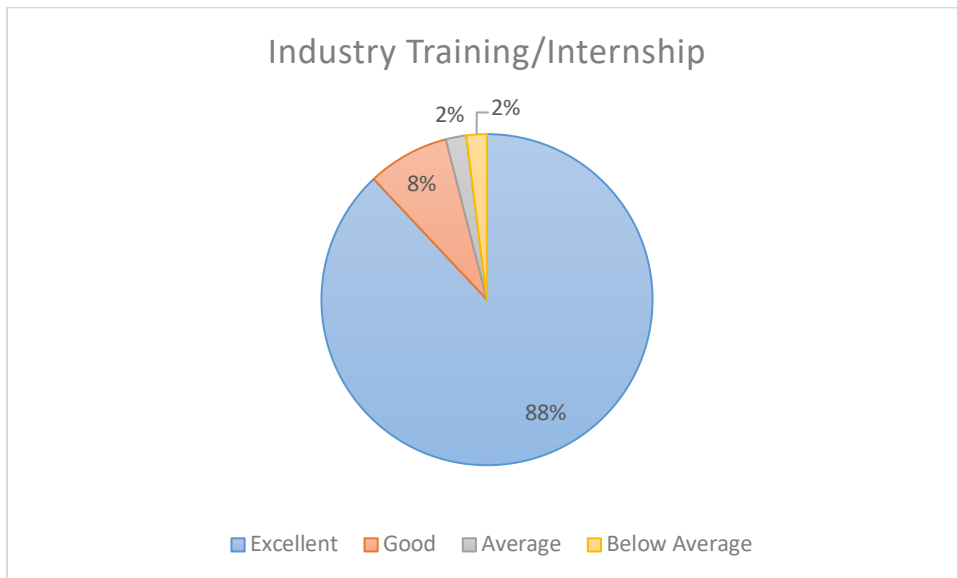


Figure 3: Industry Training/Internship for Job

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

One of the best practices of the institute is that all the students rigorously undergo industry training, professional certification, internship to make them for industry job.

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

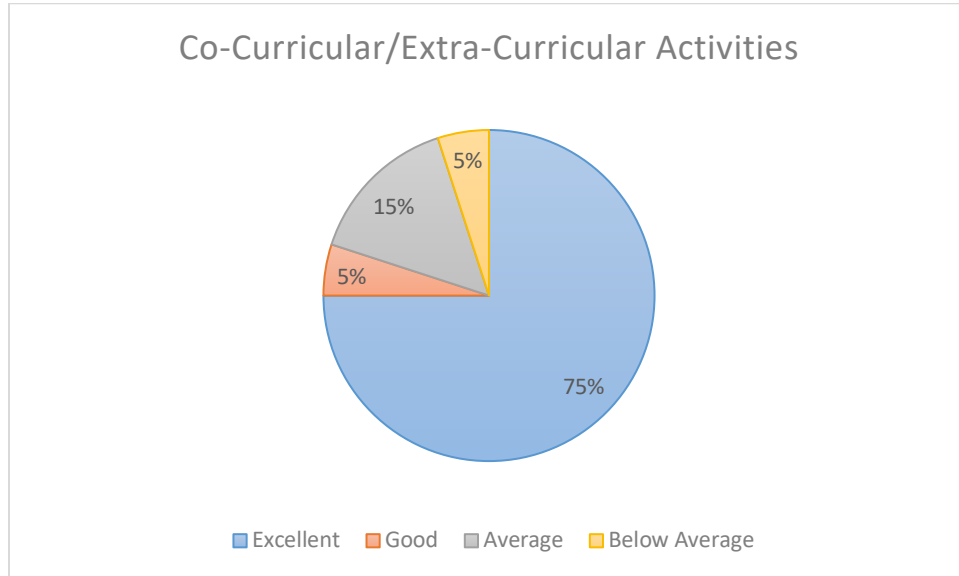


Figure 4: Co-Curricular/Extra-Curricular Activity

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 2018-19 academic year. The observation based on the feedback are as follows:

1. To enhance beyond the syllabus activities.
2. To increase Co-Curricular/Extra-Curricular activity conducted by the institute.

Result Analysis

CE – The pass percentage of the students in subject Surveying was low.

CSE – The performance in all the subjects were satisfactory.

ECE – The pass percentage of the students in subjects Network Theory was low.

EE- The pass percentage of the students in subjects Electrical Machines was low

IT- The performance in all the subjects were satisfactory.

ME- The pass percentage of the students in subjects Fluid Mechanics and Engineering Mechanics was low.

Action taken based on aforesaid result analysis

For Techno India NJR Institute of Technology
पंकज पौरवाल
Dr. Pankaj Kumar Porwal
(Principal)

1. The subject teacher Mr Nishant Sharma , Civil Engineering departmental faculty, was terminated when he did not improve his teaching pedagogy.
2. Mr Yashwant Soni , Electronics and Communication Engineering departmental faculty, was asked to leave the institute as he did not improve his teaching.
3. Ms Lalita, Electrical Engineering departmental faculty, was warned and she was told to attend few FDPs/STTPs to improve her subject knowledge.
4. The faculties Mr Vishnu Agarwal & Dr Sangeeta Choudhury were told to improve the teaching pedagogy. They were asked to show student performance in assignments, midterm exam etc.
5. The faculties having excellent feedback were motivated and encouraged to continue the same.
6. Some faculties having good feedback were inspired and asked to participate in research activities as well.

पंकज पौखवाल
TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY