SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with Grade "A" by NAAC

FEEDBACK ANALYSIS REPORT
Criteria: Curriculum Design and Development

2017-2018

INTERNAL QUALITY ASSURANCE CELL
(IQAC)

Sathyabama Institute of Science and Technology performs review of its program structure and curriculum every year. Stakeholders inputs have an important implication on the decision making process of various aspects of the institution. The stakeholders (Employers, Alumni, Faculty and Students) submit their feedback on a scale of five points viz. (1) Strongly disagree; (2) Disagree; (3) Neutral; (4) Agree; (5) strongly in the institution website. Follow up action in the form of curriculum revision and also at various academic levels are taken.

The Student's feedback for the academic year 2017-2018 is presented as follows:
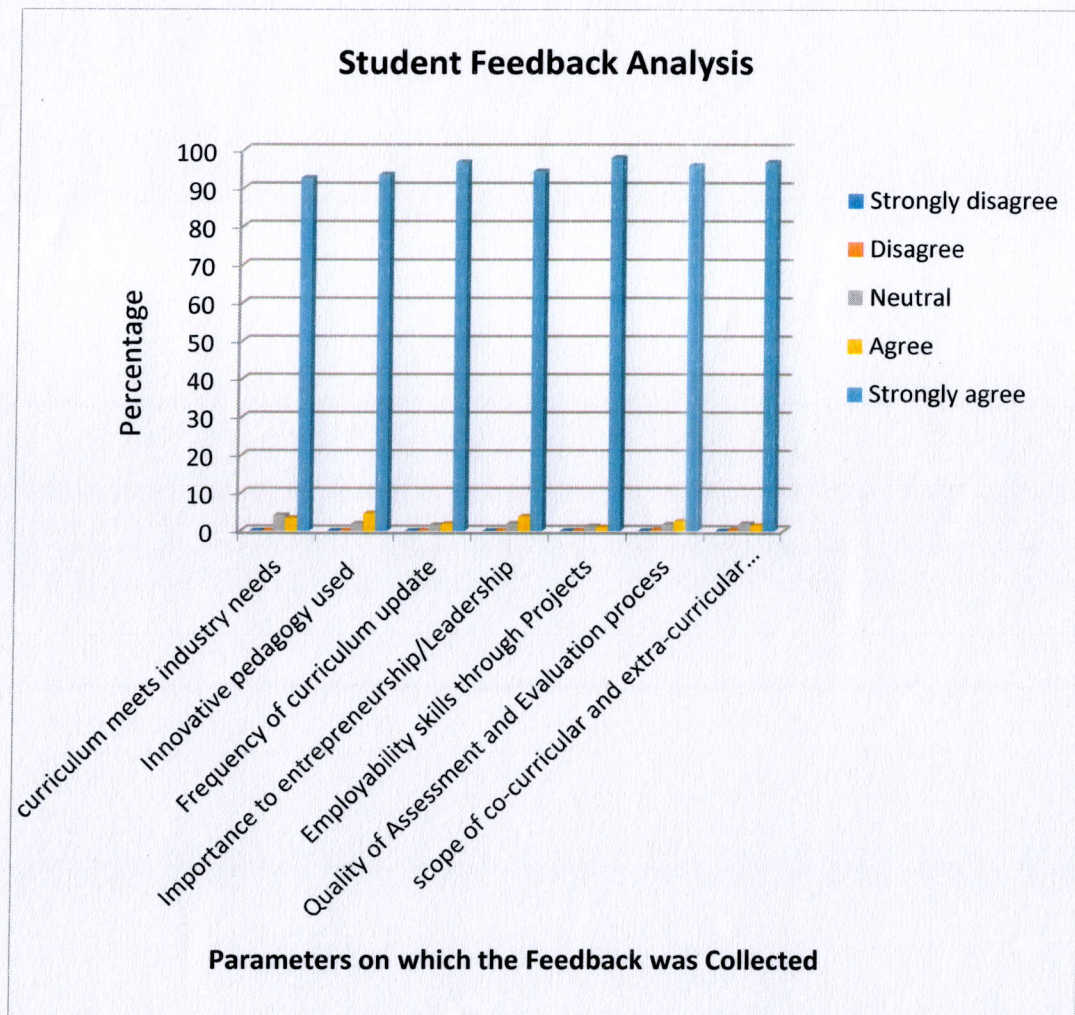
1. Analysis of Student Feedback

The student's feedback was collected on the following points.

Q1	Curriculum Meets Industry Needs
Q2	Innovative Pedagogy Used
Q3	Frequency Of Curriculum Update
Q4	Importance To Entrepreneurship/Leadership
Q5	Employability Skills Through Projects
Q6	Quality Of Assessment And Evaluation Process
Q7	Scope Of Co-Curricular And Extra-Curricular Activities

1.1. Analysis Report

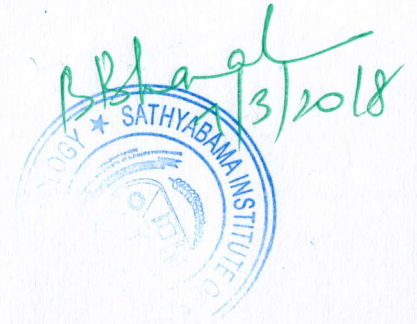| Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
curriculum meets industry needs	0	0	4.1	3.3	92.6
Innovative pedagogy used	0	0	1.9	4.6	93.5

Frequency of curriculum update	0	0	1.5	1.8	96.7
Importance to entrepreneurship/Leadership	0	0	1.9	3.74	94.36
Employability skills through Projects	0	0	1.2	0.9	97.9
Quality of Assessment and Evaluation process	0	0.2	1.7	2.5	95.8
scope of co-curricular and extra-curricular activities	0	0.2	1.9	1.4	96.7

Student Feedback Analysis

1.2. ANALYSIS

- The students found that the curriculum was on par with leading universities and met the industry requirements.
- The student's suggested that the core courses can be aligned with the requirements of competitive examinations.
- Students suggested they can be given more emphasis on project experiences.
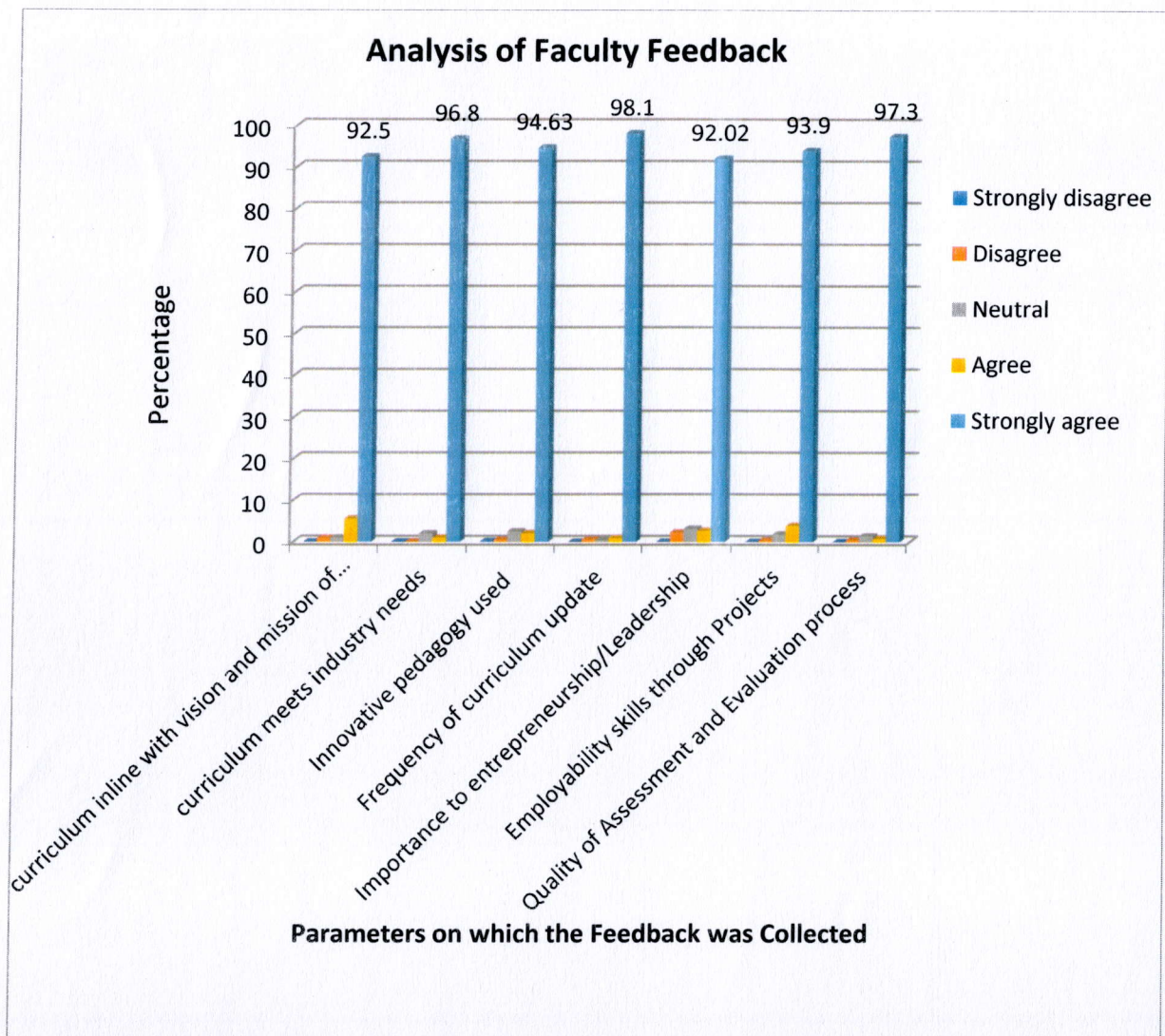
2. Analysis of Faculty Feedback

The Faculty's feedback for the academic year 2017-2018 is presented as follows:

2.1 Questions in the Feedback Template

Q1	curriculum inline with vision and mission of institution
Q2	curriculum meets industry needs
Q3	Innovative pedagogy used
Q4	Frequency of curriculum update
Q5	Importance to entrepreneurship/Leadership
Q6	Employability skills through Projects
Q7	Quality of Assessment and Evaluation process

2.1. Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
curriculum in line with vision and mission of institution	0	0.9	1	5.6	92.5
curriculum meets industry needs	0.1	0.1	2	1	96.8
Innovative pedagogy used	0.2	0.57	2.5	2.1	94.63
Frequency of curriculum update	0	0.6	0.4	0.9	98.1
Importance to entrepreneurship/Leadership	0	2.2	3.1	2.68	92.02
Employability skills through Projects	0	0.4	1.8	3.9	93.9
Quality of Assessment and Evaluation process	0	0.5	1.4	0.8	97.3

Analysis of Faculty Feedback

Chart showing percentage values for each parameter (Strongly agree series):
92.5, 96.8, 94.63, 98.1, 92.02, 93.9, 97.3

Y-axis: Percentage (0–100)
X-axis (Parameters on which the Feedback was Collected):
- curriculum inline with vision and mission of...
- curriculum meets industry needs
- Innovative pedagogy used
- Frequency of curriculum update
- Importance to entrepreneurship/Leadership
- Employability skills through Projects
- Quality of Assessment and Evaluation process

Legend:
- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

2.2. ANALYSIS

- The faculty members were involved in syllabus revision activites are were satisfied with the initiatives taken by the institute towards the design and development of curriculum.

- The suggested revisions of the faculty are presented in the Board of Studies of respective departments and the same is approved by the Academic Council.

- The faculty suggested including latest technology courses as electives.
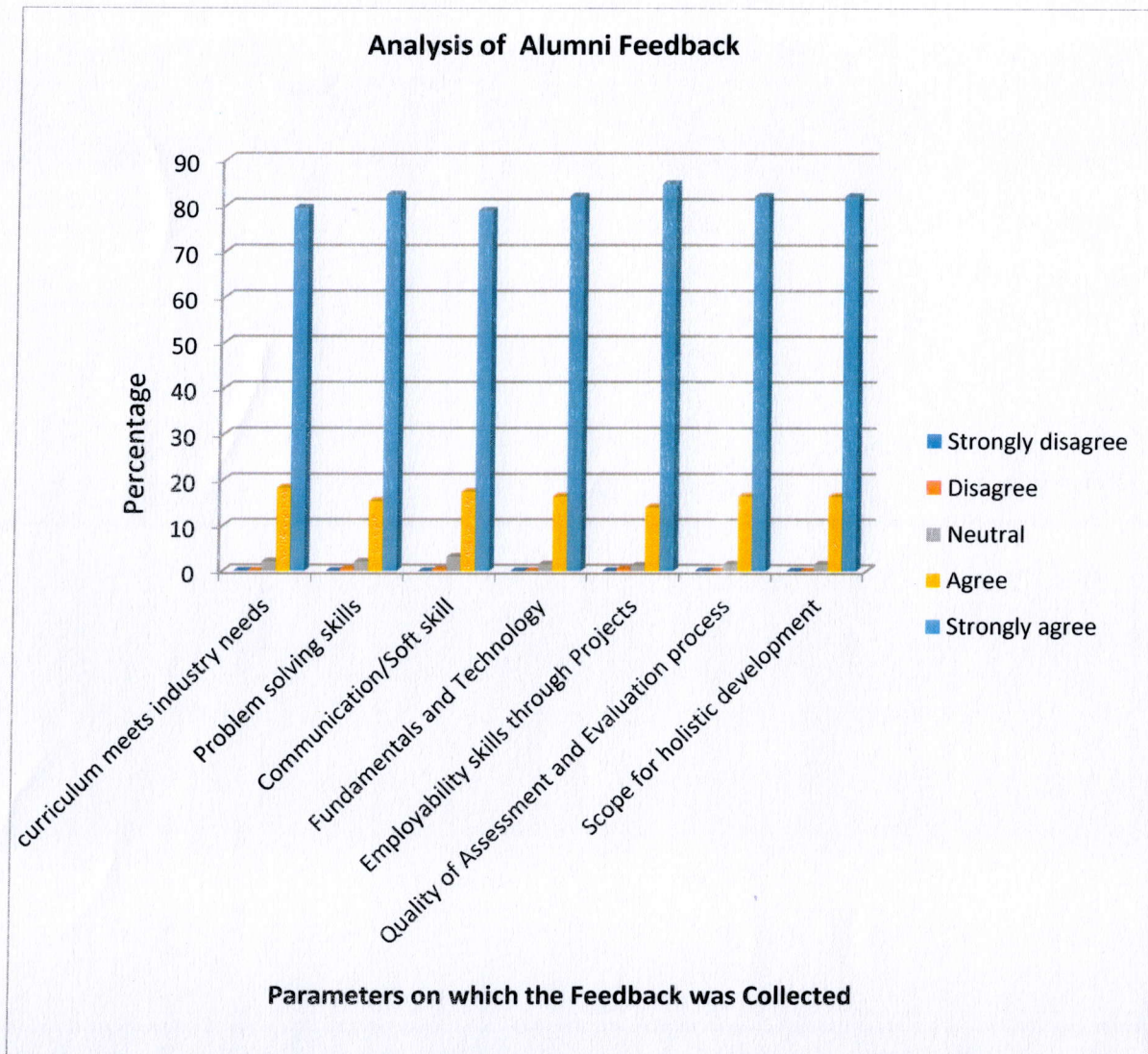
3. Analysis of Alumni Feedback

The Alumni feedback for the academic year 2017-2018 is presented as follows:

3.1 Questions in the Feedback Template

Q1	Curriculum meets industry needs
Q2	Problem solving skills
Q3	Communication/soft skill
Q4	Fundamentals and technology
Q5	Employability skills through projects
Q6	Quality of assessment and evaluation process
Q7	Scope for holistic development

3.2 Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Curriculum meets industry needs	0	0	2.1	18.4	79.5
Problem solving skills	0	0.5	2.1	15.5	82.4
Communication/Soft skill	0	0.4	3.2	17.5	78.9
Fundamentals and Technology	0	0	1.5	16.5	82
Employability skills through Projects	0	0.5	1.2	14.1	84.7
Quality of Assessment and Evaluation process	0	0	1.5	16.5	82
Scope for holistic development	0	0	1.5	16.5	82

Analysis of Alumni Feedback

Parameters on which the Feedback was Collected

3.3 ANALYSIS

- The Alumni recorded their satisfaction on the steps taken towards developing analytical skills & communication skills.
- Alumni suggested inclusion on technology courses in electives.
- Alumni appreciated the Semester Abroad Programme for providing international exposure and learning experience to students.
- Project Based Learning initiatives were welcomed by the alumni.

4. Analysis of Employer Feedback
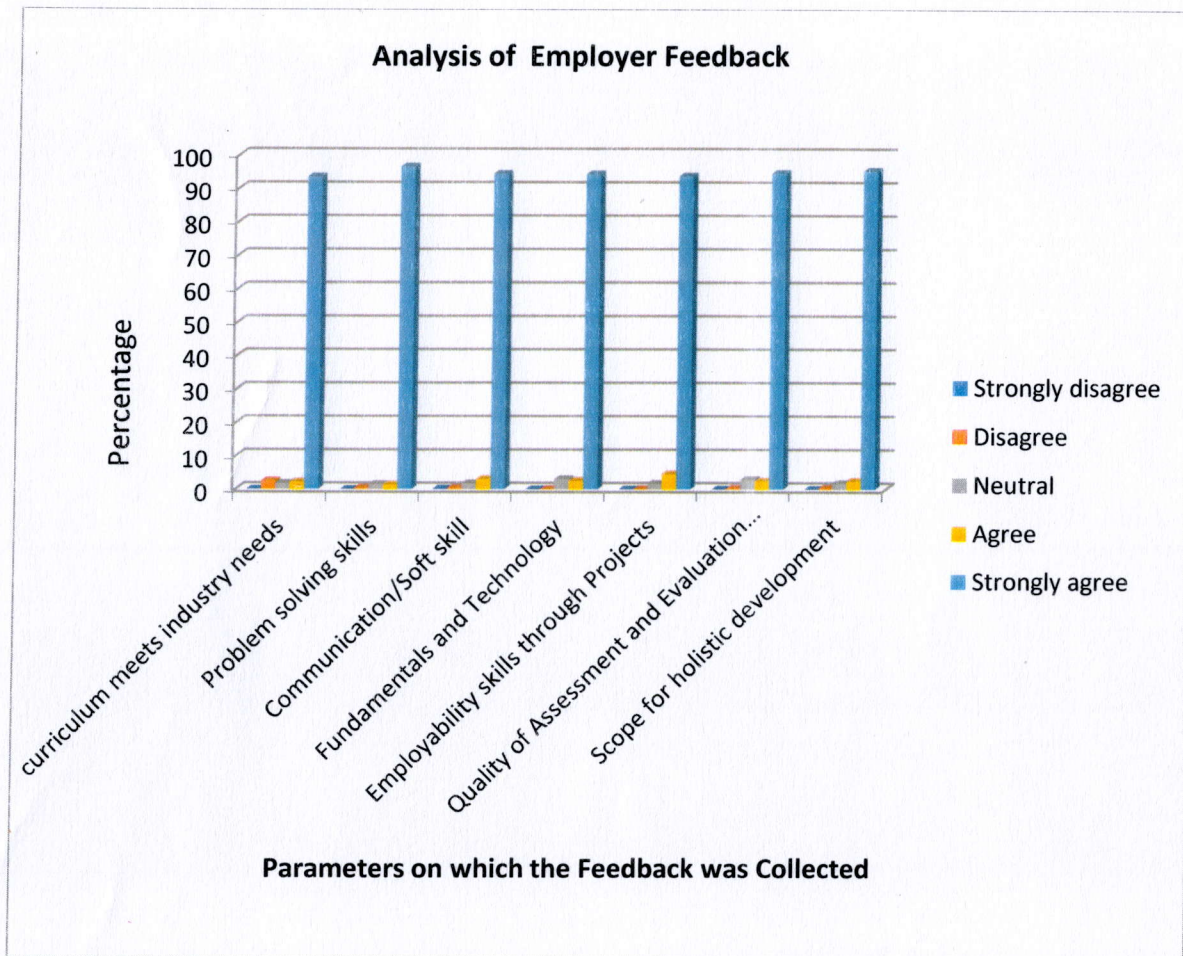
4.1 Questions in the Feedback Template

Q1	Curriculum meets industry needs
Q2	Problem solving skills
Q3	Communication/Soft skill
Q4	Fundamentals and Technology
Q5	Employability skills through Projects
Q6	Quality of Assessment and Evaluation process
Q7	Scope for holistic development

4.2 Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
curriculum meets industry needs	0	2.5	1.8	2.2	93.5
Problem solving skills	0	0.5	1.5	1.4	96.56
Communication/Soft skill	0.2	0.5	1.8	3.1	94.4
Fundamentals and Technology	0	0.1	3.1	2.6	94.3
Employability skills through Projects	0	0.1	1.71	4.6	93.69
Quality of Assessment and Evaluation process	0	0.3	2.9	2.5	94.6
Scope for holistic development	0	0.4	1.8	2.5	95.3

Analysis of Employer Feedback

Parameters on which the Feedback was Collected

Legend: Strongly disagree, Disagree, Neutral, Agree, Strongly agree

Categories: curriculum meets industry needs, Problem solving skills, Communication/Soft skill, Fundamentals and Technology, Employability skills through Projects, Quality of Assessment and Evaluation..., Scope for holistic development

Y-axis: Percentage (0–100)

4.3. ANALYSIS

- The employers were Satisfied with the process of Curriculum design and development.

- Experts forecasted the need of specialization programmes on current trends such as AI, Data Sciences for better placement prospects.

- Employer suggested that the students should have more exposure to critical thinking, project based learning