VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES

INTERNAL QUALITY ASSURANCE CELL

FEEDBACK ANALYSIS FOR THE ACADEMIC YEAR 2015-16

Feedback was collected from the various stakeholders of the institution namely Academic peers, Alumni, Industry experts, Parents and Students.

The questions were mapped to the mission of the institution.

M1	Effectively imparting knowledge and inculcating innovative thinking.
M2	Facilitating skill enhancement through add on courses and hands on training.
M3	Doing original, socially relevant, high quality research.
M4	Facilitating appropriate co-curricular, extracurricular and extension activities.
M5	Instilling the spirit of integrity, equity, professional ethics and social harmony.

The detailed report of the feedback from the stakeholders are as provided below.

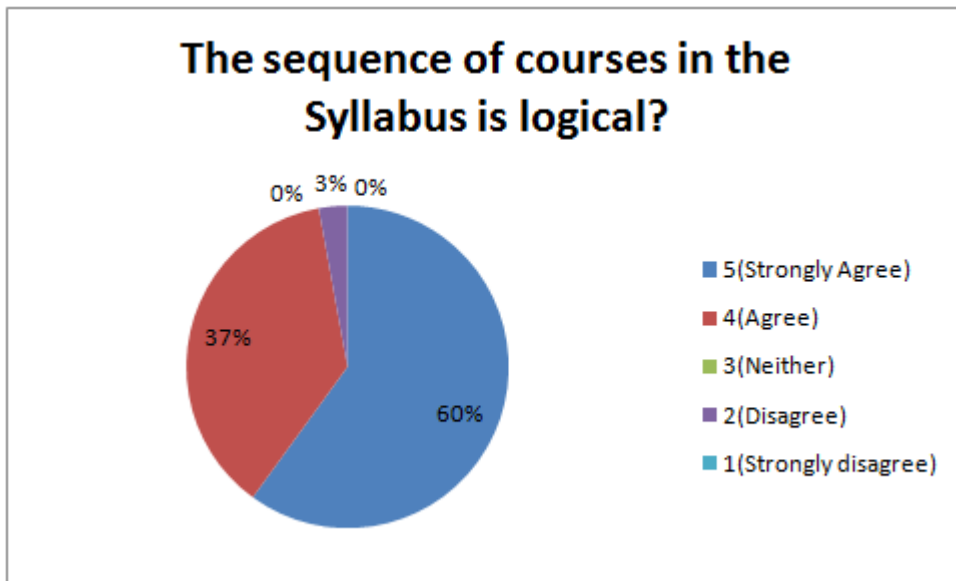**FEED BACK FROM ACADEMIC PEERS (TEACHERS)**

The feedback from Academic peers on the curriculum were obtained to understand the framing of objectives, course content, credits, relevance to the latest technical advancements and global challenges in the concerned field. The questions were answered on a scale of 1 to 5.

Academic Peers

(1 = Strongly Disagree 2 = Disagree 3 = Neither 4 = Agree 5 = Strongly Agree)
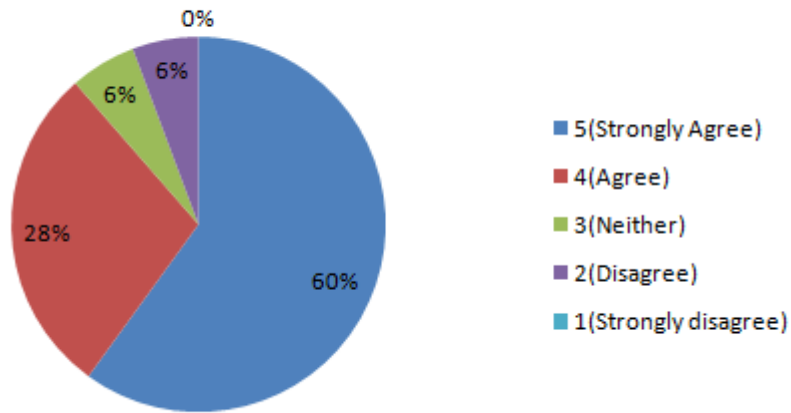
1. The sequence of courses in the Syllabus is logical?
2. Syllabus covers latest advancements?
3. The credits allocated to the courses are ideal?
4. The objectives of each course give clarity to the content?
5. The courses prepare the students for core competencies to face the global challenges?

 The detailed responses obtained for the various questions are as shown in figures below.

The sequence of courses in the Syllabus is logical?

0% 3% 0%

37%

60%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

Syllabus covers latest advancements?

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

0%
6%
6%
28%
60%

The credits allocated to the courses are ideal?

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

3% 0% 0%
34%
63%

The objectives of each course give clarity to the content?

0% 0%
6%
28%
66%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

The courses prepare the students for core competencies to face the global challenges?

3% 3%
5%
26%
63%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)
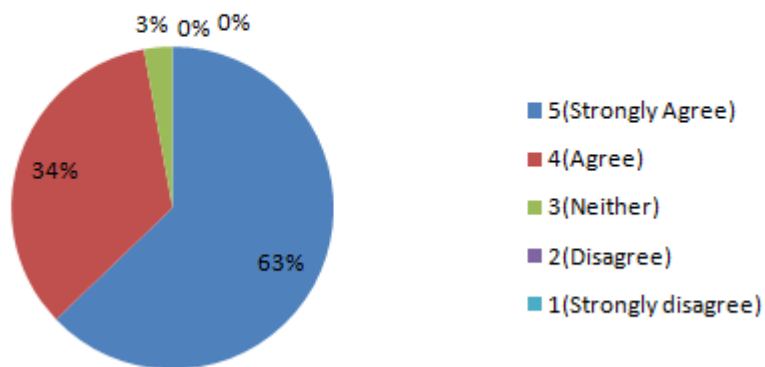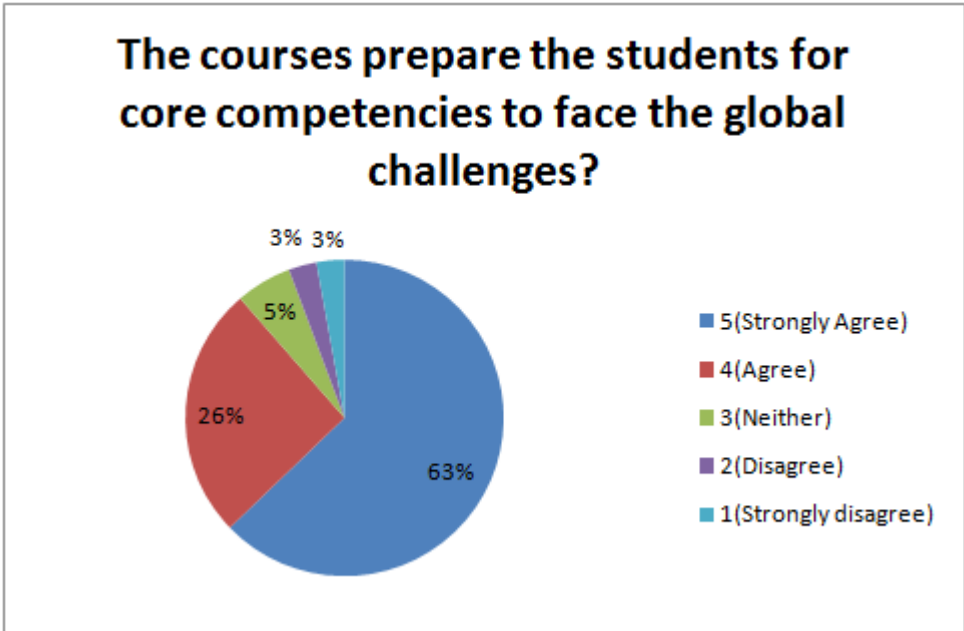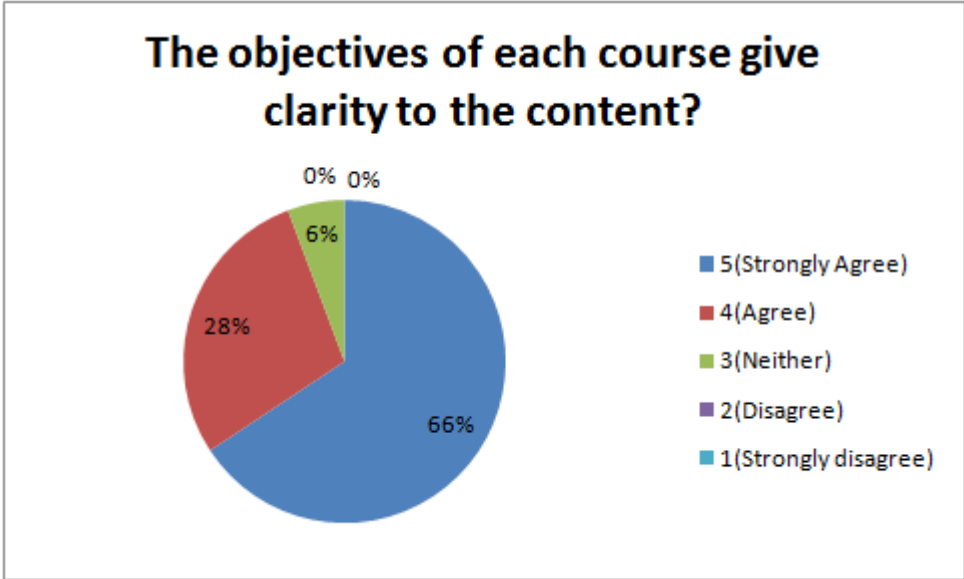
The feedback from academic peers reveal that the syllabus enables the student to face the global challenges and covers latest advancements.
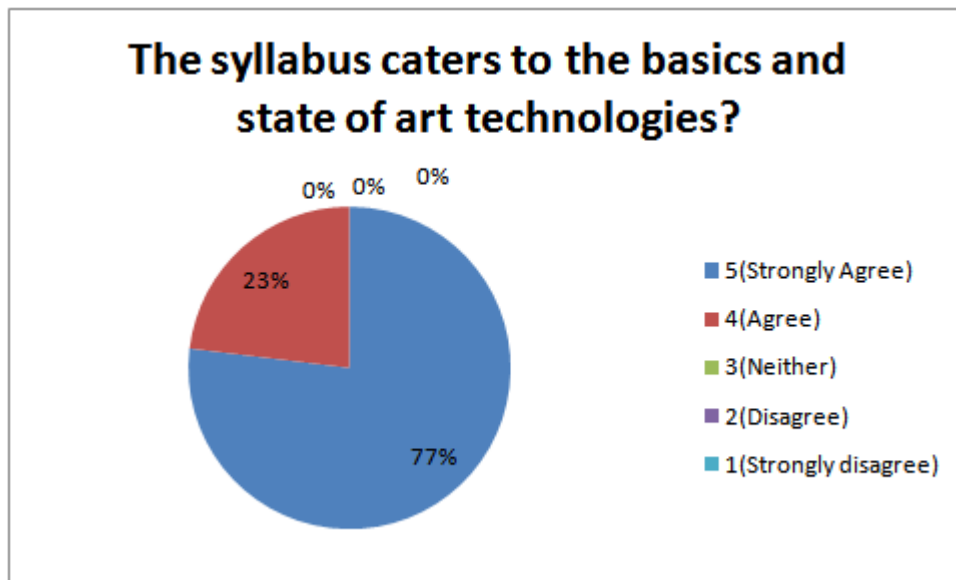
FEEDBACK FROM INDUSTRY EXPERTS (EMPLOYERS)

The feedback for the curriculum was obtained fromIndustry experts to understand whether the curriculum enables the student to be industry ready. The various questions used for the analysis and its mapping with the mission are as follows,

Industry Experts

(1 = Strongly Disagree 2 = Disagree 3 = Neither 4 = Agree 5 = Strongly Agree)
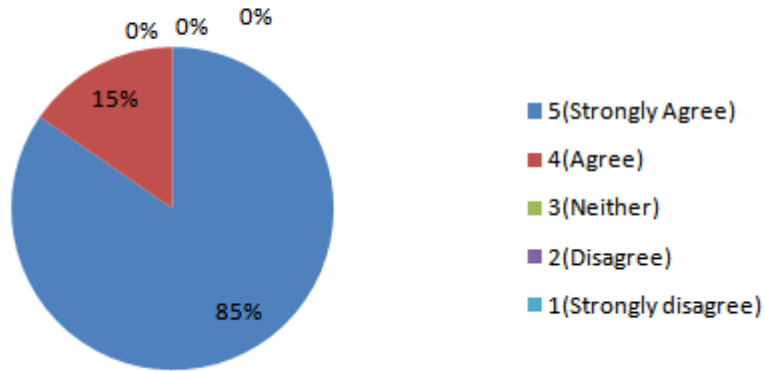
1. The syllabus caters to the basics and state of art technologies?
2. The courses inculcate ethical and professional responsibilities?
3. The hands-on and elective courses are industry relevant?
4. The Personality Development courses enable students to develop holistically?
5. The Program Outcomes and course Objectives are clearly stated?

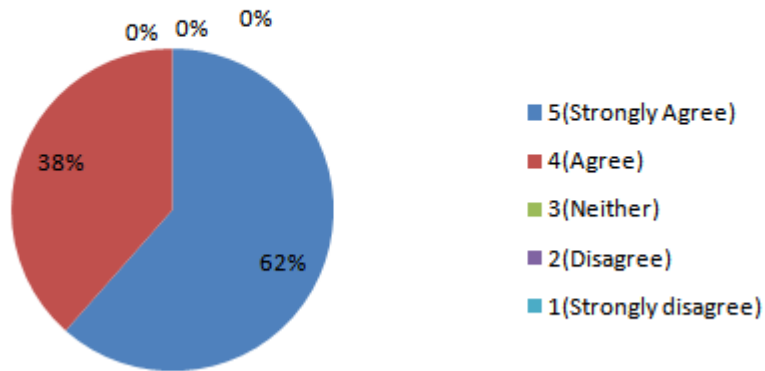The detailed analysis of the feedback are as in the figures below,

The syllabus caters to the basics and state of art technologies?

0% 0% 0%

0% 0%

23%

77%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

The courses inculcate ethical and professional responsibilities?

0% 0% 0%

15%

85%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

The hands-on and elective courses are industry relevant?

0% 0% 0%

38%

62%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

The Personality Development courses enable students to develop holistically?

- 5(Strongly Agree) — 69%
- 4(Agree) — 31%
- 3(Neither) — 0%
- 2(Disagree) — 0%
- 1(Strongly disagree) — 0%

The Program Outcomes and course Objectives are clearly stated?

- 5(Strongly Agree) — 77%
- 4(Agree) — 23%
- 3(Neither) — 0%
- 2(Disagree) — 0%
- 1(Strongly disagree) — 0%

While most of the employers agree that the courses help in developing the students professionally with both the core competencies and state of art technologies, few of them indicate the need to improve the content by including more hands-on and industry relevant technologies.

REGISTRAR
VELS INSTITUTE OF SCIENCE, TECHNOLOGY
& ADVANCED STUDIES (VISTAS)
Velan Nagar, P.V. Vaithiyalingam Road,
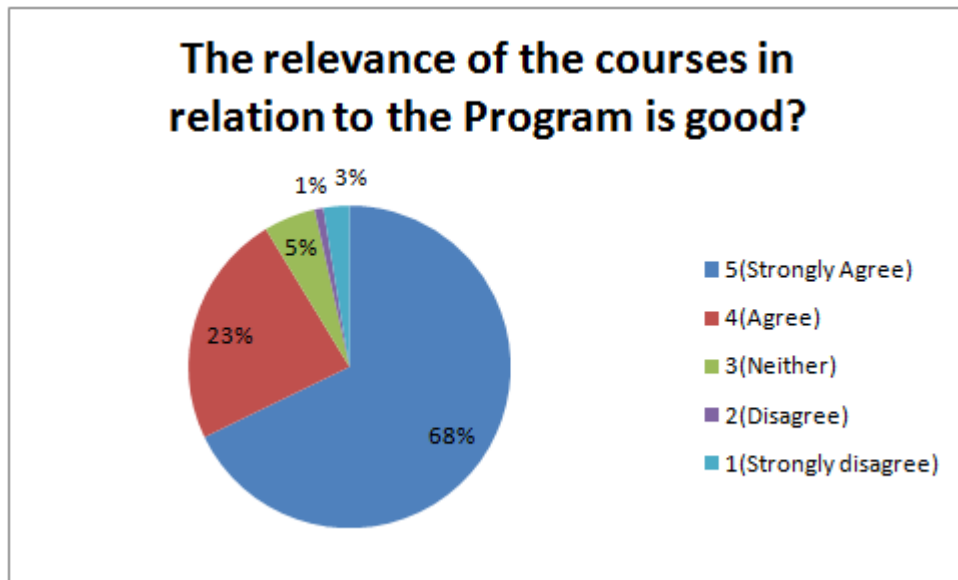Pallavaram, Chennai-600 117.

FEEDBACK FROM ALUMNI

The feedback for the curriculum was obtained from alumni to understand whether the
Course content gives clarity and suits the current situation. The alumni answered the following
questions on a scale of 1 to 5.
Alumni

(1 = Strongly Disagree 2 = Disagree 3 = Neither 4 = Agree 5 = Strongly Agree)
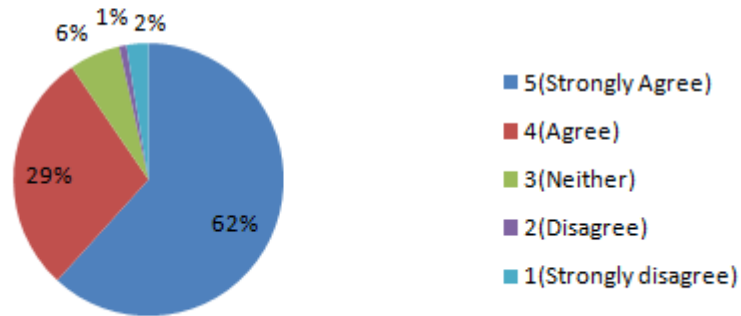
1. The relevance of the courses in relation to the Program is good?
2. The relevance of electives in relation to the Industry requirement is optimal?
3. The courses I studied are useful in my current job?
4. The course objectives give a clear idea on what to expect from the course?
5. The experiments / internships in the course were relevant to the real world?

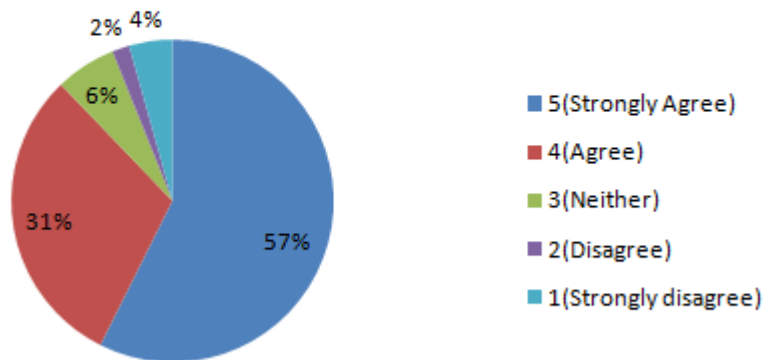The detailed analysis of the feedbacks are as given below,

The relevance of electives in relation to the Industry requirement is optimal?

- 62% — 5(Strongly Agree)
- 29% — 4(Agree)
- 6% — 3(Neither)
- 1% — 2(Disagree)
- 2% — 1(Strongly disagree)

The courses I studied are useful in my current job?

- 57% — 5(Strongly Agree)
- 31% — 4(Agree)
- 6% — 3(Neither)
- 2% — 2(Disagree)
- 4% — 1(Strongly disagree)

The course objectives give clear idea on what to expect from the course?
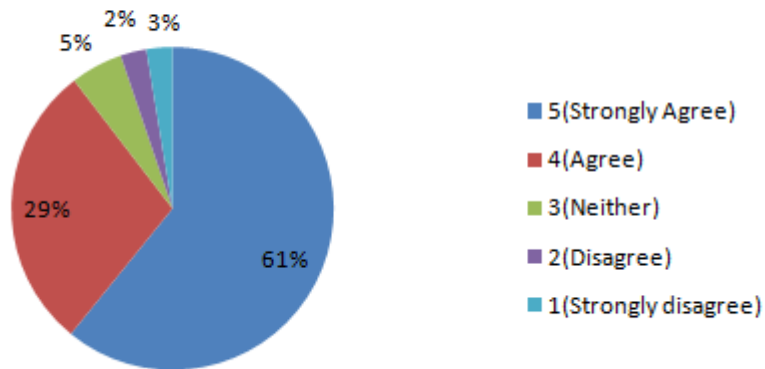
2% 3%
5%

29%

61%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

The experiments / internships in the course were relevant to the real world?

1% 3%
7%

30%

59%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)
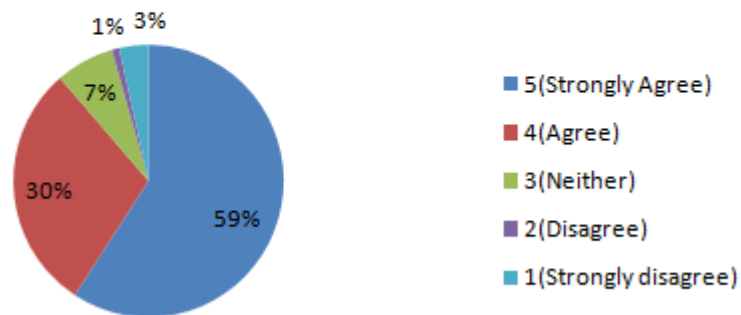
Most of the alumni agree that the courses were relevant in their careers.
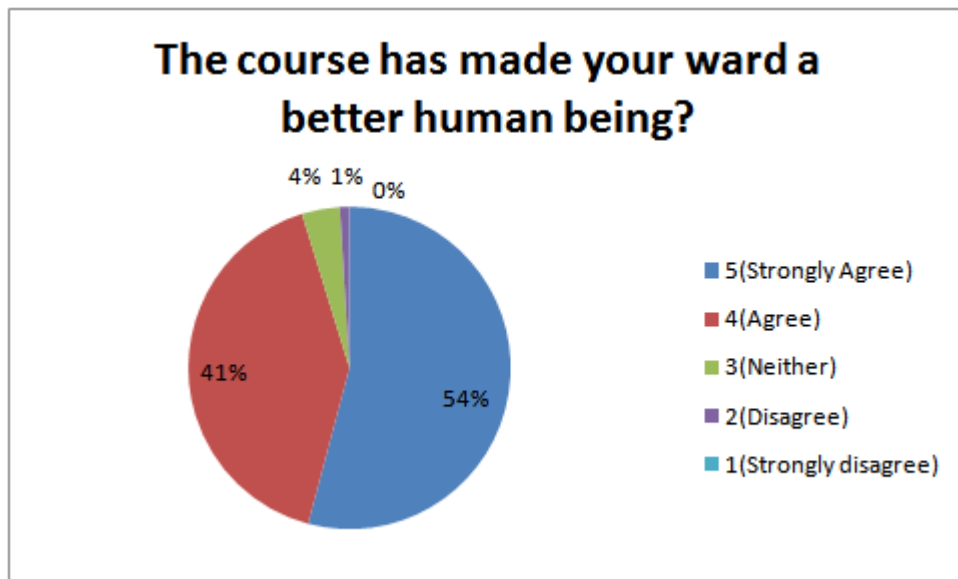
FEEDBACK FROM PARENTS

The feedback from parents enabled us to understand the influence of curriculum in development of students to responsible graduates in the society. The various questions asked to parents and their mapping with the mission statements are as follows,

Parents

(1 = Strongly Disagree 2 = Disagree 3 = Neither 4 = Agree 5 = Strongly Agree)

1. The course has made your ward a better human being?
2. The credits allocated to the courses are ideal?
3. The courses have prepared your ward to face the global challenges?
4. The program would enable your ward to progress in career?
5. The syllabus has equipped your ward towards nation building?

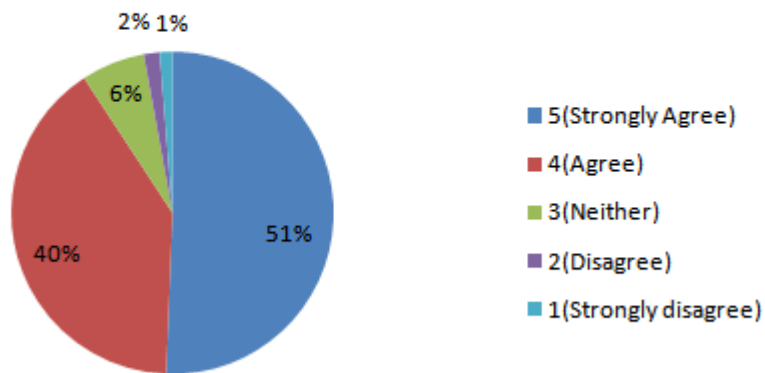The detailed report is as shown in the figures below,

The credits allocated to the courses are ideal?

4% 1% 0%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

46%

49%

The courses have prepared your ward to face the global challenges?

2% 1%

6%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)

51%

40%

The program would enable your ward to progress in career?

3% 1% 0%

43% 53%

- 5(Strongly Agree)
- 4(Agree)
- 3(Neither)
- 2(Disagree)
- 1(Strongly disagree)
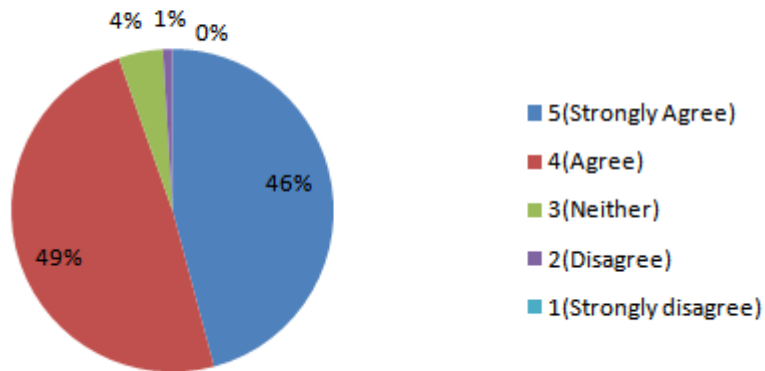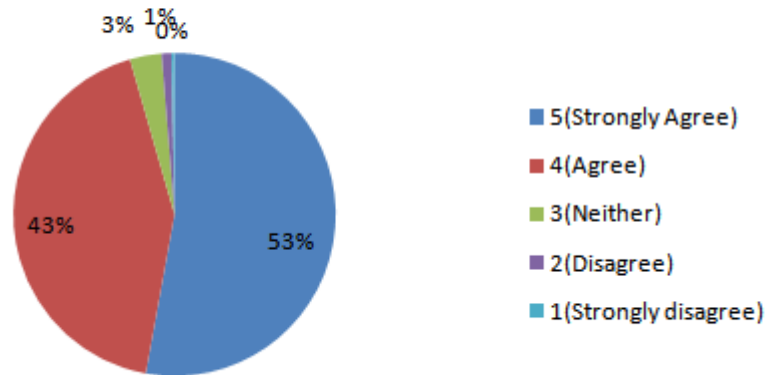
The parents agree that the courses made their children to be better human beings and individuals.

FEEDBACK FROM STUDENTS

The feedback from students was obtained to understand if the courses are easy for them to understand, availability of reading materials and course content. The students rated for all the courses they studied in that particular semester. The five questions that were relevant to the curriculum are as follows,

1. Did you understand the basic objective of the course?
2. Availability of prescribed learning materials?
3. Is the effort required by the student optimal?
4. Relevance of the course to current industrial practices?
5. Overall, how satisfied are you with the course content?

The students answered the questions in a scale of 1 to 5 (1 = Strongly Disagree 2 = Disagree 3 = Neither 4 = Agree 5 = Strongly Agree).

The consolidated rating given by the students is as follows

1. Did you understand the basic objective of the course?	4.54
2. Availability of prescribed learning materials?	4.21
3. Extend of effort required by the student?	4.31
4. Relevance of the course to current industrial practices?	4.49
5. Overall, how satisfied are you with the course content?	4.32

Most of the students were satisfied with the courses.

Action Taken Report

Department	Feedback	Action Taken
Microbiology	Syllabus to be designed with the special focus on the thrust areas of Microbiology.	The syllabus has been designed in such a way that the thrust areas in microbiology are covered
CSE	Innovative topics like big data and cloud computing can be started	The curriculum has been framed in collaboration with IBM.
Biomedical Engineering	Include basic biology paper in be First year Curriculum, Since non-biology students are admitted in the biomedical engineering	Biology has been added as a bridge course
Law	To encourage the students for the development of advocacy skills, spend focus to be given by assigning compulsory more exercises and training. It is suggested to start LLM course at the earliest	More Exercises and training is provided to the students. Students are encouraged to participate in Moot court competition LLM has been started