

VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES

INTERNAL QUALITY ASSURANCE CELL

FEEDBACK ANALYSIS FOR THE ACADEMIC YEAR 2017-18

Feedback was collected from the various stakeholders of the institution namely Academic peers, Alumni, Industry experts, Parents and Students. The Academic Peers (teachers), Alumni and Industry experts (Employers) provided their feedback at the end of every academic year. Feedback from students was obtained at the end of every semester.

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?



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The mapping of the questions to the mission statements of the institution are as follows,

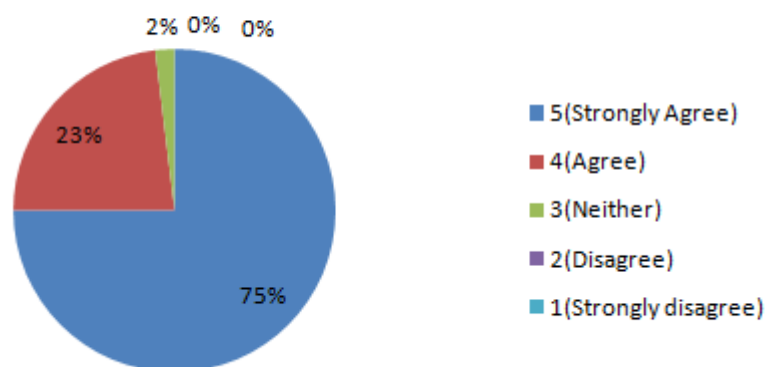
	M1	M2	M3	M4	M5
The sequence of courses in the Syllabus is logical?	3	3			3
Syllabus covers latest advancements?	3	3	3	3	
The credits allocated to the courses are ideal?	3	3	2		3
The objectives of each course give clarity to the content?	3	3	3		3
The courses prepare the students for core competencies to face the global challenges?		3	3	3	3
MAPPING SCORE	3	3	2.75	3	3

*3 indicates high correlation, 2 indicates medium correlation, 1 indicated low correlation and blanks indicate no correlation.

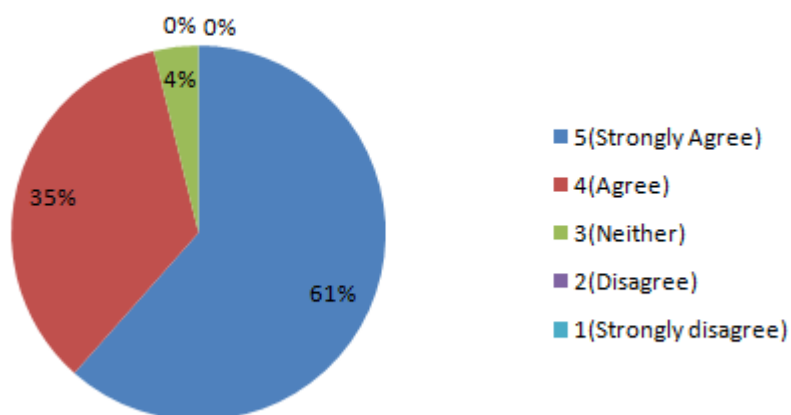
The detailed responses obtained for the various questions are as shown in figures below.


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The sequence of courses in the Syllabus is logical?

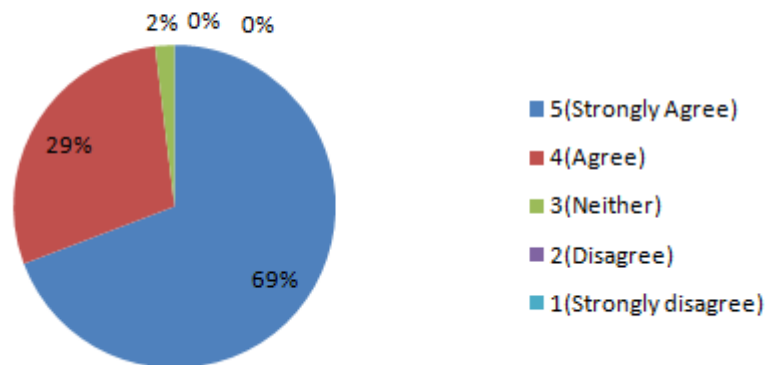


Syllabus covers latest advancements?

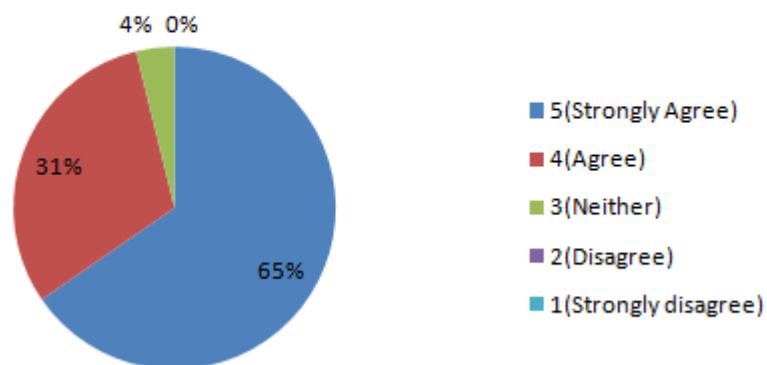


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The credits allocated to the courses are ideal?

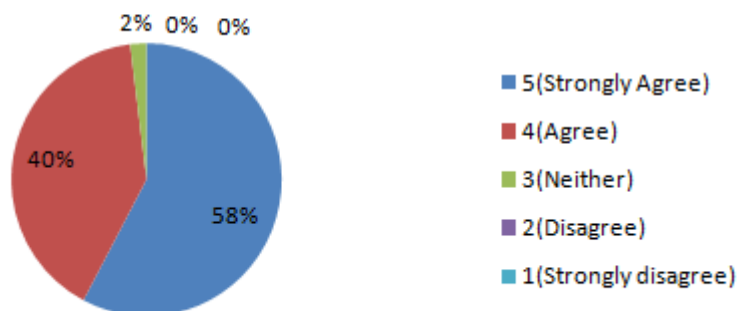


The objectives of each course give clarity to the content?



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



The score obtained for the various questions are as tabulated in the table below,


S.No	Question	ATTAINMENT (SCALE OF 3)
1	The sequence of courses in the Syllabus is logical?	2.73
2	Syllabus covers latest advancements?	2.58
3	The credits allocated to the courses are ideal?	2.67
4	The objectives of each course give clarity to the content?	2.62
5	The courses prepare the students for core competencies to face the global challenges?	2.56

FEEDBACK FROM INDUSTRY EXPERTS (EMPLOYERS)

The feedback for the curriculum was obtained from Industry experts to understand whether the course provides hands on session and broad coverage of elective courses. 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?

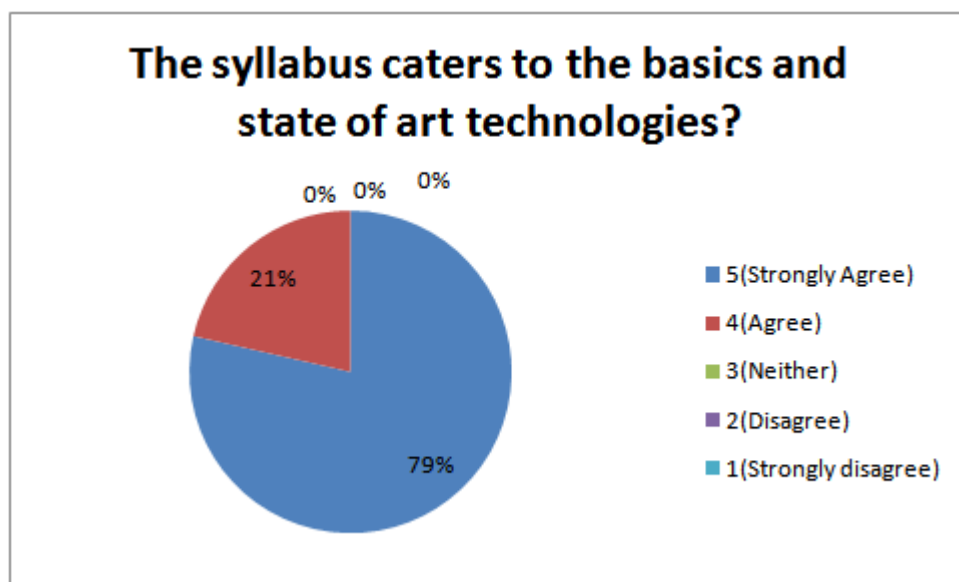

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3. The hands-on and elective courses are industry relevant?
4. The Personality Development courses enable students to develop holistically?
5. The Program Outcomes and course Objectives are clearly stated?

	M1	M2	M3	M4	M5
The syllabus caters to the basics and state of art technologies?	3	3	3	3	
The courses inculcate ethical and professional responsibilities?	3	2	3	3	3
The hands-on and elective courses are industry relevant?	2	3	3	2	
The Personality Development courses enable students to develop holistically?	3	3	2	3	3
The Program Outcomes and course Objectives are clearly stated?	3				
MAPPING SCORE	2.80	2.75	2.75	2.75	3.00

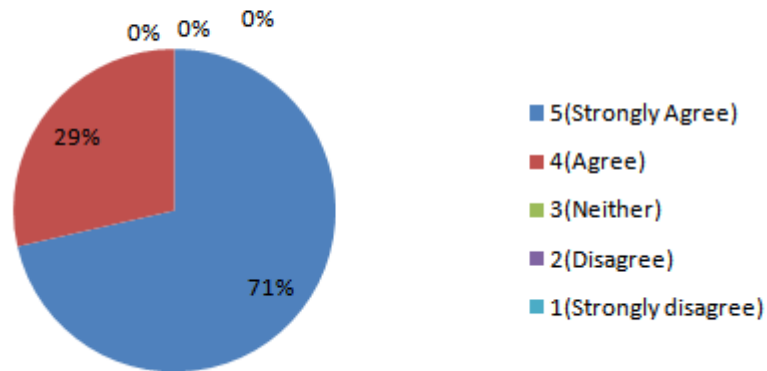
*3 indicates high correlation, 2 indicates medium correlation, 1 indicated low correlation and blanks indicate no correlation.

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

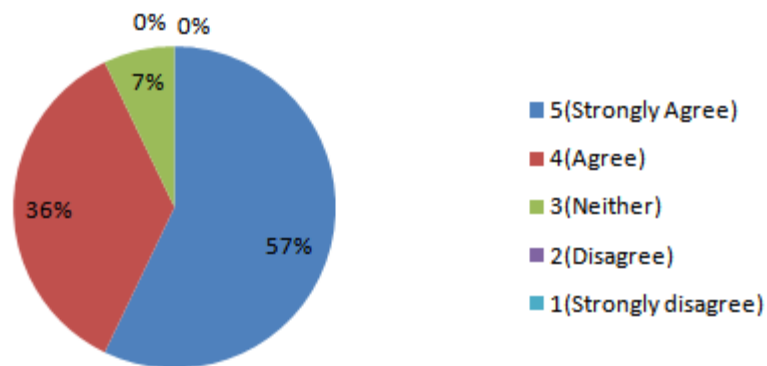



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The courses inculcate ethical and professional responsibilities?

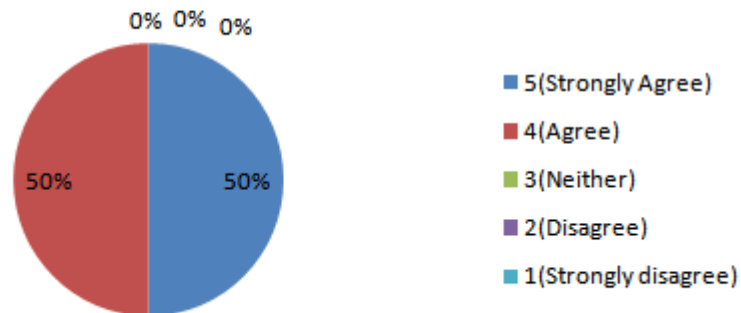


The hands-on and elective courses are industry relevant?

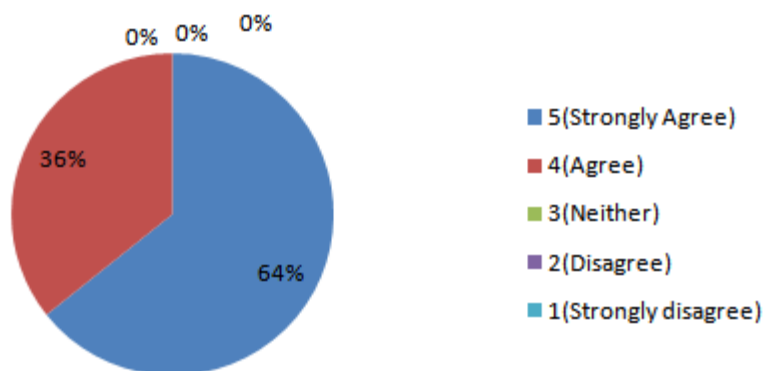


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**The Personality Development courses
enable students to develop
holistically?**



**The Program Outcomes and course
Objectives are clearly stated?**



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The attainment is tabulated below,

S.No	Question	ATTAINMENT (SCALE OF 3)
1	The syllabus caters to the basics and state of art technologies?	2.79
2	The courses inculcate ethical and professional responsibilities?	2.71
3	The hands-on and elective courses are industry relevant?	2.50
4	The Personality Development courses enable students to develop holistically?	2.50
5	The Program Outcomes and course Objectives are clearly stated?	2.64


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FEEDBACK FROM ALUMNI

The feedback for the curriculum was obtained from alumni to understand whether the sequence of course is appropriate so that student is able to follow the subject. The questions asked to the Alumni are,

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 mapping of the questions to the missions are as in the table below,

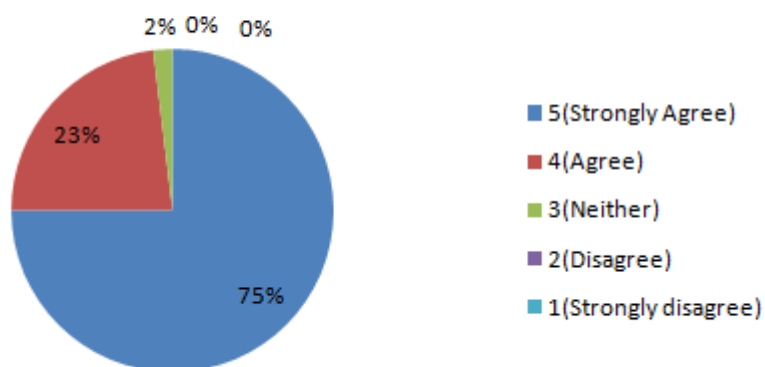
	M1	M2	M3	M4	M5
The relevance of the courses in relation to the Program is good?	3	3	3	3	3
The relevance of electives in relation to the Industry requirement is optimal?	2	3	3		3
The courses I studied are useful in my current job?	3	3	3	3	3
The course objectives give clear idea on what to expect from the course?	3	2			
The experiments / internships in the course were relevant to the real world?	3	3	3	3	2
MAPPING SCORE	2.80	2.80	3.00	3.00	2.75

*3 indicates high correlation, 2 indicates medium correlation, 1 indicated low correlation and blanks indicate no correlation.

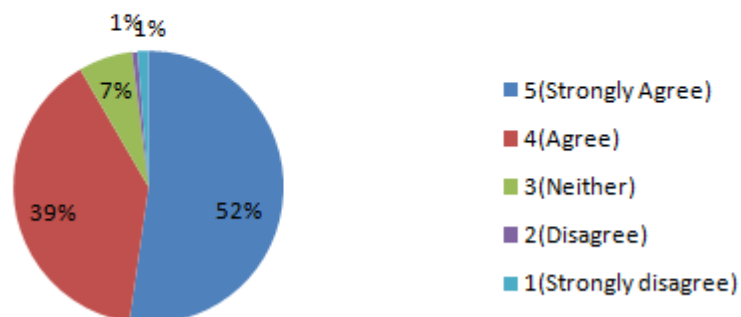
The detailed analysis of the feedbacks are as given below,


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The sequence of courses in the Syllabus is logical?

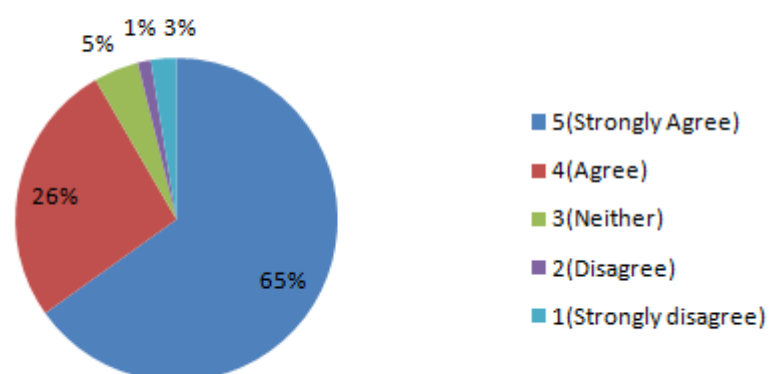


The relevance of electives in relation to the Industry requirement is optimal?

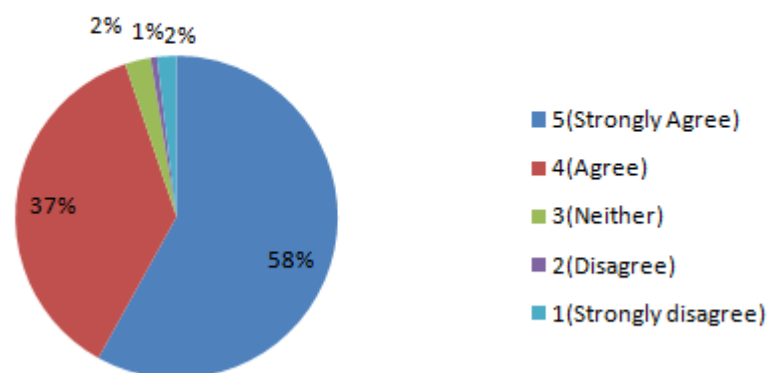



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The courses I studied are useful in my current job?

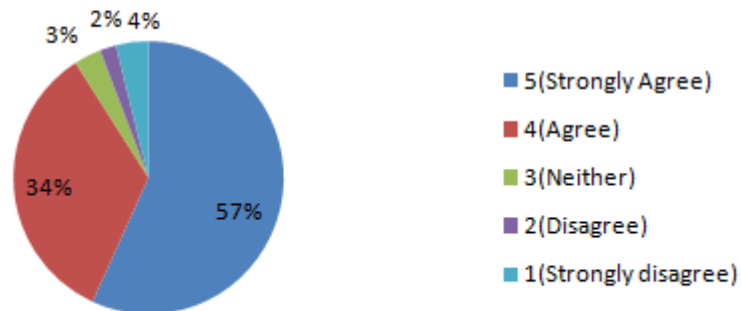


The course objectives give clear idea on what to expect from the course?



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



The attainment is as tabulated below.

S.No	Question	ATTAINMENT (SCALE OF 3)
1	The relevance of the courses in relation to the Program is good?	2.70
2	The relevance of electives in relation to the Industry requirement is optimal?	2.42
3	The courses I studied are useful in my current job?	2.53
4	The course objectives give clear idea on what to expect from the course?	2.50
5	The experiments / internships in the course were relevant to the real world?	2.42


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FEEDBACK FROM PARENTS

The feedback for the curriculum was obtained from parents to understand whether the Students are ready to face the global challenges. 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?

	M1	M2	M3	M4	M5
The course has made your ward a better human being?	3	3	3	3	3
The credits allocated to the courses are ideal?	3	3		2	2
The courses have prepared your ward to face the global challenges?	2	3	3	3	3
The program would enable your ward to progress in career?	3	3	3	3	3
The syllabus has equipped your ward towards nation building?	3	3	3	3	3
MAPPING SCORE	2.8	3	3	2.8	2.8

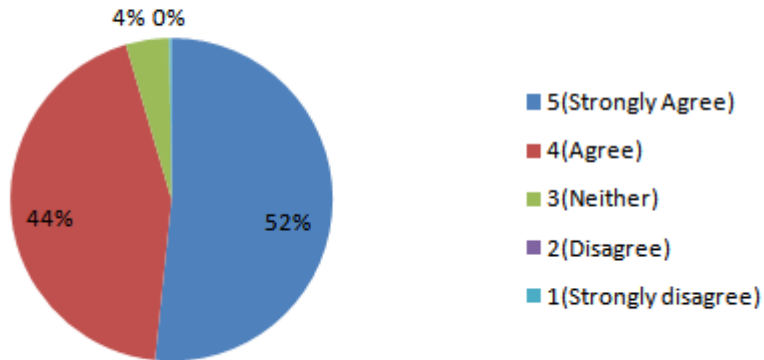
*3 indicates high correlation, 2 indicates medium correlation, 1 indicated low correlation and blanks indicate no correlation.

The detailed report is as shown in the figures below,

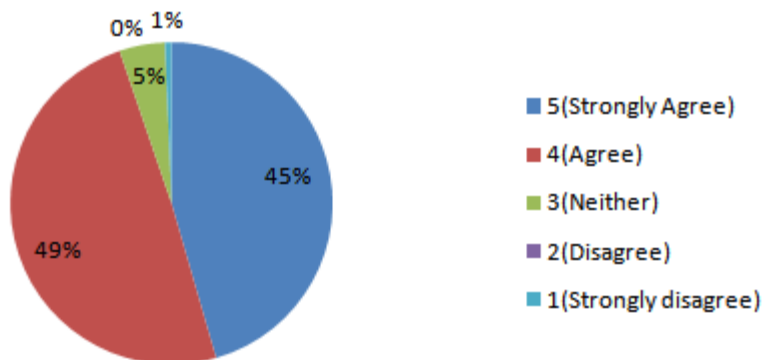

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0%

The course has made your ward a better human being?

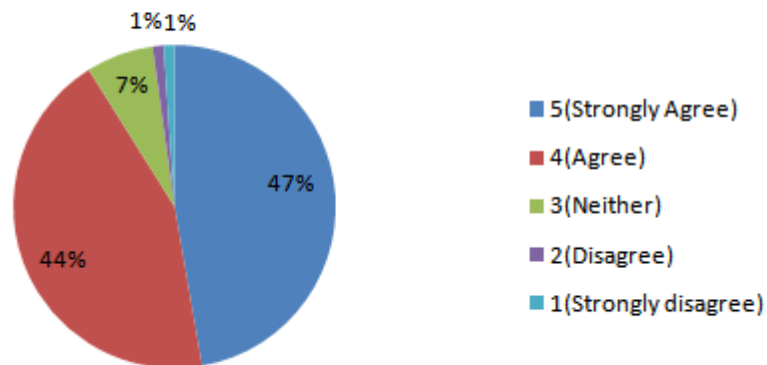


The credits allocated to the courses are ideal?

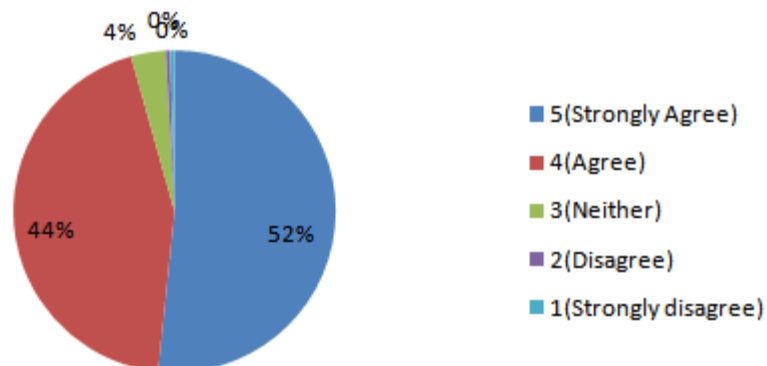


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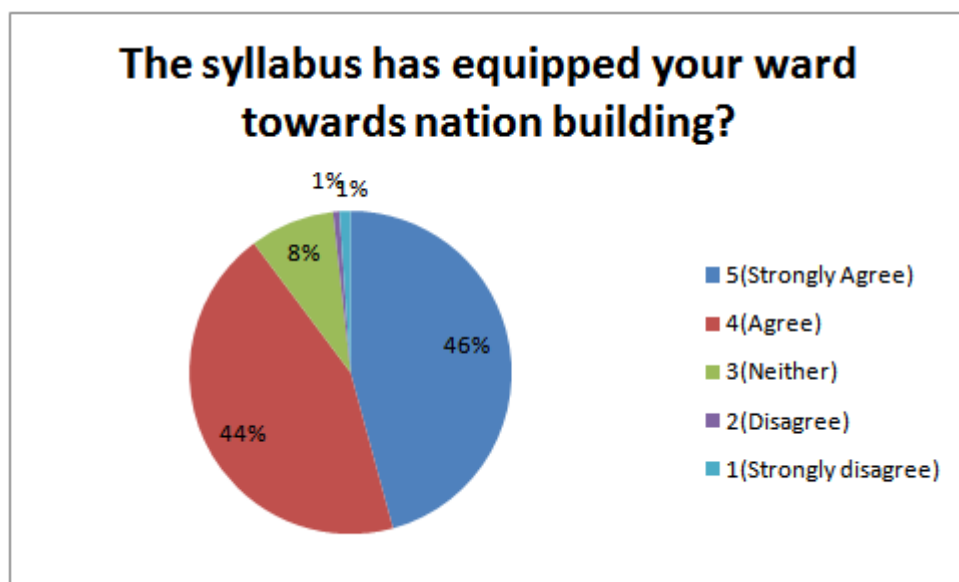
The courses have prepared your ward to face the global challenges?



The program would enable your ward to progress in career?




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The parents agree that the courses made their children to be better human beings and individuals. The attainment is as follows,

S.No	Question	ATTAINMENT (SCALE OF 3)
1	The course has made your ward a better human being?	2.47
2	The credits allocated to the courses are ideal?	2.40
3	The courses have prepared your ward to face the global challenges?	2.36
4	The program would enable your ward to progress in career?	2.46
5	The syllabus has equipped your ward towards nation building?	2.34


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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).

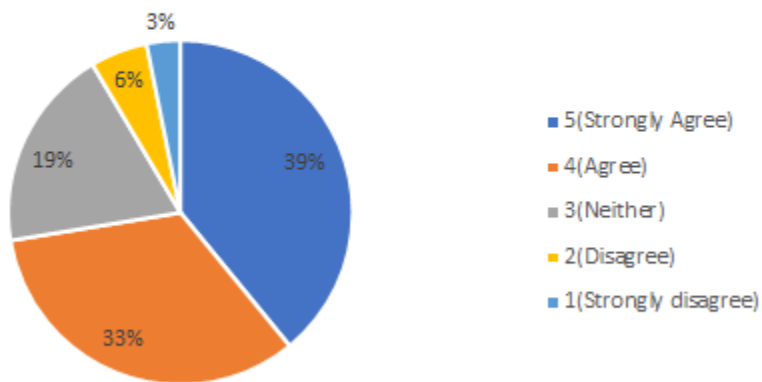
	M1	M2	M3	M4	M5
Did you understand the basic objective of the course?	3	3	2		3
Availability of prescribed learning materials?	3	3		3	3
Is the effort required by the student optimal?	3	3	3	2	
Relevance of the course to current industrial practices?	2	3	3		3
Overall, how satisfied are you with the course content?	3	3	3	3	3
MAPPING SCORE	2.80	3.00	2.75	2.67	3.00

*3 indicates high correlation, 2 indicates medium correlation, 1 indicated low correlation and blanks indicate no correlation.

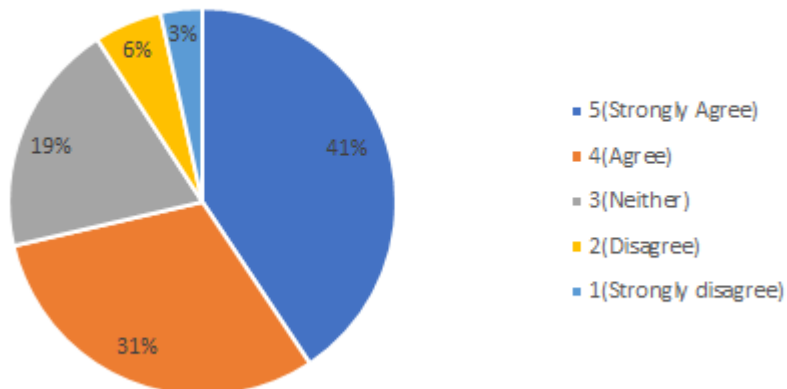
The feedback from the students are as shown in the figures below.


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Did you understand the basic objective of the course?

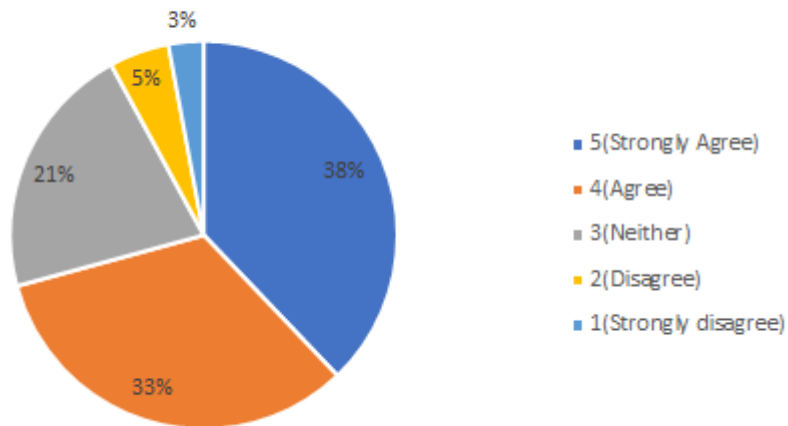


Availability of prescribed learning materials?

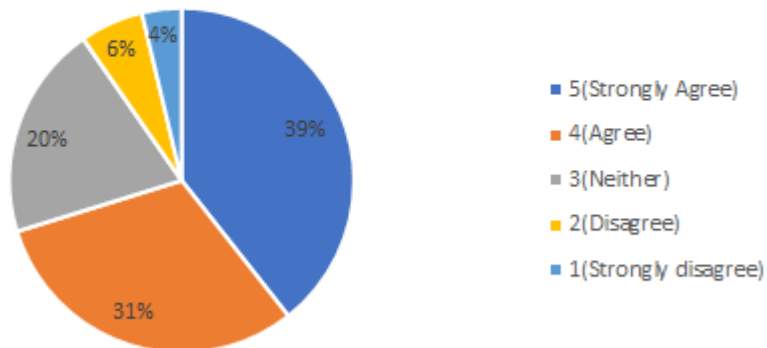



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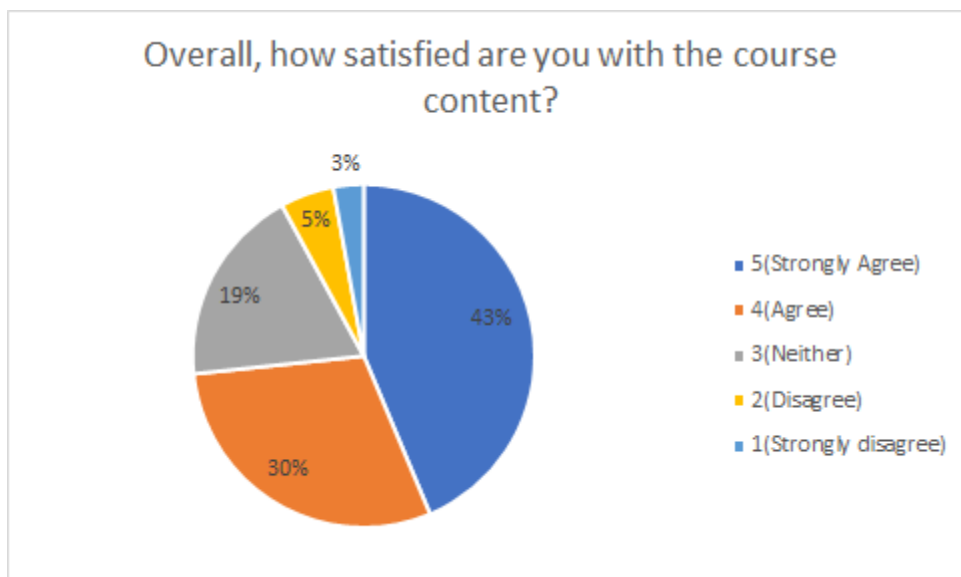
Is the effort required by the student optimal?



Relevance of the course to current industrial practices?




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About 5% of the students have difficulty in learning materials and relevancy of courses. The attainment obtained from the feedback is as follows,

S.No	Question	ATTAINMENT (SCALE OF 3)
1	Did you understand the basic objective of the course?	2.03
2	Availability of prescribed learning materials?	2.03
3	Is the effort required by the student optimal?	2.01
4	Relevance of the course to current industrial practices?	2.00
5	Overall, how satisfied are you with the course content?	2.09


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ANALYSIS OF FEEDBACK AND ACTION TAKEN REPORT

Feedback from the various stakeholders indicate that the courses are industry relevant and improves the core competencies in students. The allocation of credits, efforts required by students, availability of materials and development of students into professionals are well achieved.


The average scores obtained from the various stakeholders were analyzed to understand the attainment of the objectives of the institution. The target was fixed to be 85% of the maximum level of attainment. Maximum attainment was calculated by averaging the maximum scores of attainment of all the stakeholders.

	M1	M2	M3	M4	M5
Maximum Attainment	2.76	2.81	2.89	2.81	2.88
Target (85% of Maximum)	2.35	2.39	2.46	2.39	2.45

The attainment of the feedback by the stakeholders are summarized below. The overall attainment is computed by averaging the attainments from the various stakeholders.

	M1	M2	M3	M4	M5
Academic Peers	2.73	2.58	2.67	2.62	2.56
Alumni	2.70	2.42	2.53	2.50	2.42
Industry Experts	2.79	2.71	2.50	2.50	2.64
Parents	2.47	2.40	2.36	2.46	2.34
Students	2.03	2.03	2.01	2.00	2.09
Overall attainment	2.54	2.43	2.41	2.42	2.41

The comparison chart below indicates that about 85% of target was achieved towards the mission of the institution.


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ACTION TAKEN REPORT

Department	Feedback	Action Taken
Microbiology	<p>1. Running interdisciplinary courses are very challenging and they are able to conduct such courses</p> <p>2. New PG course offering jobs is required. Courses which include clinical data management, Pharmacovigilance, NGS, Medical writing</p>	<p>More number of interdisciplinary courses have been started</p> <p>In the forthcoming BoS, it would be discussed on</p>
Management Studies	<p>1. The curriculum and course content are updated and a par constitute bench mark institution 2. For future batches the ranked AICTE shall be adopted while paring curriculum</p>	All the programs would follow AICTE curriculum with blend of Industry requirements
Languages	More attention to be provided to introduce B.A. Tamil and also towards the admission of M.A. Tamil courses	The Marketing team would do a survey and if required would start the same
Biomedical Engineering	Proof for CBCS to be maintained	The same has been displayed in the website
Biotechnology	Industry collaborations can be improved and the impact analysis should be mentioned after each event.	The BoS has an Industry Expert and functional MoUs have been made active


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