

NAAC Criterion-I

Curricular Aspects

Key Indicator -1.4 Feedback System

Sub-Criteria -1.4.2

Feedback collected, Analysed and Action Taken Report



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Gola ka Mandir, Gwalior - 474005, Madhya Pradesh, India

Evidence/proof/Additional Information			
Structured Feedback Analysis and Action Taken Reports 2017-22			
S. No.	Department Name	Page No.	MITS Web Link
1.	Civil Engineering	2	https://web.mitsgwalior.in/feedback-civil
2.	Architecture & Planning	10	https://web.mitsgwalior.in/feedback-architecture
3.	Chemical Engineering	24	https://web.mitsgwalior.in/feedback-chemical
4.	Computer Science Engineering	76	https://web.mitsgwalior.in/feedback-cs
5.	Electronics Engineering	85	https://web.mitsgwalior.in/feedback-electronics
6.	Electrical Engineering	183	https://web.mitsgwalior.in/feedback-ece
7.	Information Technology	201	https://web.mitsgwalior.in/feedback-it
8.	Mechanical Engineering	291	https://web.mitsgwalior.in/feedback-mech

CIVIL ENGINEERING DEPARTMENT

**Action Taken Report based on Curriculum Feedback Received
from Stakeholders (Dec 2021)**

A. Action taken based on Curriculum Feedback received from Students

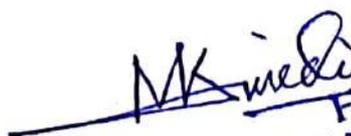
1. The course content in course Building Materials & Construction will be updated for the upcoming batches based upon the response received from students.
2. As per students demand, a course on Concrete Technology is already passed in this Board of Studies meeting as DE course in 6th Semester (under MOOC courses).
3. A course on Software applications for solving civil engineering problems is already running in 7th Sem, it will be updated, and modalities will be worked out to bring that course in earlier semesters if possible for 2020 admitted batches onwards.
4. Course contents of Fluid Mechanics – II will be taken for review in upcoming Board of Studies meeting as per student's feedback.
5. Students views have been incorporated while finalizing the list of MOOC courses for DE & honours.

B. Action taken based on Curriculum Feedback received from Faculty

1. The content of Engineering Geology has been added in the Geotechnical Engineering – I syllabus for 2020 admitted batch in 4th semester as this course was missing, also an Honour Course is being offered in 6th sem under the name of Engineering Geology.
2. While finalizing the list of courses for DE, Honour, Minor & OC through MOOC, the suggestions given by faculty members were reviewed and wherever possible were incorporated.

C. Action taken based on Feedback received from Parents

1. For some of the courses, the no. of quality books needs to be increased, hence for this recommendations will be sent in future to library incharge whenever request is generated from central library.
2. For up gradation of knowledge of students in various software's of civil engineering, some value added courses as well as internship modules will be planned.


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M.I.T.S Gwalior
Civil Engineering Department, M.I.T.S Gwalior

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D. Action taken based on Feedback received from Alumni

1. As per suggestion given by alumni, a course on composite materials will be formulated and modalities will be worked out to include it in the scheme.
2. Students knowledge regarding practical/field aspects of pile foundation will be upgraded for this modalities will be worked out.
2. Improvement in alumni connect of the department needs to be done.


/ HEAD
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M.I.T.S. Gwalior

CIVIL ENGINEERING DEPARTMENT

**Action Taken Report based on Curriculum Feedback Received
from Stakeholders (May 2022)**

A. Action taken based on Curriculum Feedback received from Students

S. No.	Comments /Suggestions Received during Feedback	Action Taken
1	Opinion regarding courses to be included as DE (Through SWAYAM) <ul style="list-style-type: none"> - Waste water Treatment & Recycling - Principles of Construction Management - Pavement Materials - Project Planning & Control 	The opinions of students were taken into consideration while finalizing the list of DE courses (SWAYAM)
2	Opinion regarding courses to be included as Honors (Through SWAYAM) <ul style="list-style-type: none"> - Bridge Engineering - Advanced Concrete Technology - Pavement Materials 	The opinions of students were taken into consideration while finalizing the list of Honor courses (SWAYAM)

B. Action taken based on Curriculum Feedback received from Faculty

S. No.	Comments /Suggestions Received during Feedback	Action Taken
1	Opinion regarding courses to be included as DE (Through SWAYAM) <ul style="list-style-type: none"> - Waste water Treatment & Recycling - Principles of Construction Management - Housing Planning - Project Management - New Construction Material 	The opinions of faculty members were taken into consideration while finalizing the list of DE courses (SWAYAM)
2	Opinion regarding courses to be included as Honors (Through SWAYAM) <ul style="list-style-type: none"> - Bridge Engineering - Pavement Materials - Building Services - Dynamics of Structures 	The opinions of faculty members were taken into consideration while finalizing the list of Honor courses (SWAYAM)
3	Opinion regarding courses to be included as Minor (Through SWAYAM) <ul style="list-style-type: none"> - Building Science - Strength of Materials - Project Management - Waste Management 	The opinions of faculty members were taken into consideration while finalizing the list of Minor courses (SWAYAM)

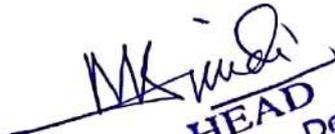

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CIVIL ENGINEERING DEPARTMENT

C. Action taken based on Feedback received from Alumni

S. No.	Comments /Suggestions Received during Feedback	Action Taken
1	Institute should have tie up with the industry for suitable employment of the students in time to come	MoU are already done with some of the Research Organizations like CRRI, NHAJ and efforts are being done to get students placed in them after their internship and more MoU are planned in future specially with leading Industry like L&T etc.
2	More industry Academia interaction	A team is already constituted in the department to plan programs for student industry interaction etc.
3	More industry oriented courses to be added	Already 2 Industry collaborative courses are planned in the coming semester and also in future some more industry oriented courses/ courses which have content which makes student Industry ready will be planned.


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Action Taken Based on Curriculum Feedback Analysis from UG First Year Students (2020 – 2021)

1. Based on the feedback received for the first year course, 100020, Basic Civil Engineering & Mechanics, no significant action needs to be taken.

Action Taken Based on Curriculum Feedback Analysis from UG Second Year Students (2020 – 2021)

1. Based curriculum feedback analysis form UG Second Year, no significant action needs to be taken

Action Taken Based on Curriculum Feedback Analysis from UG Third Year Students (2020 – 2021)

1. A suggested by the students, some of the important courses like Geotechnical Engineering, Structural Analysis & Environmental Engineering are divided into two parts in the new scheme which is being implemented for the 2020 admitted batch onwards.
2. Topics on metro can be introduced in the curriculum, for this existing syllabus of Railway, Airport & tunnel engineering needs to be modified.

Action Taken Based on Curriculum Feedback Analysis from PG First Year Students (2020 – 2021)

1. Course of Construction Materials & Machines is being modified.


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Action Taken Based on Curriculum Feedback Analysis from Faculty Members (2020 – 2021)

1. While finalizing the list of Courses for honours, Minor, Departmental electives inputs given by the faculty were considered.

Action Taken Based on Parent's Feedback Analysis (2020 – 2021)

1. For some of the courses, the no. of quality books needs to be increased, hence for this recommendations will be sent in future to library incharge whenever request is generated from central library.
2. Improvement in internship opportunities for students needs to be looked after, for this MoU can be done from various organizations.

Action Taken Based on Alumni Satisfaction Survey (2020 – 2021)

1. Improvement in alumni connect of the department needs to be done.


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Action Taken Based on Curriculum Feedback Analysis (2019-2020) (Nov 2019)

1. Syllabus of few of the courses will be reviewed as per requirement and some of the topics related to GATE needs to be added.
2. While finalizing the list of Courses for honours, Minor, Departmental electives inputs given by the faculty were considered.
3. Students views have been incorporated while finalizing the list of MOOC courses for DE & honours.
4. Topics related to metro have to be included in syllabus of Transportation engg.


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Action Taken Based on Curriculum Feedback Analysis (2019-2020) (June 2020)

1. Addition of laboratory experiments in some of the courses is to be done wherever felt necessary. This matter will be further taken in next meeting.
2. While finalizing the list of Courses for honours, Minor, Departmental electives inputs given by the faculty were considered.
3. Students views have been incorporated while finalizing the list of MOOC courses for DE & honours.
4. As per some of suggestions received, mini projects will be formulated and given to students during the semester specially in lab courses.
5. The existing scheme will be reviewed and if possible some of the courses will be reshuffled, this matter will be discussed in next meeting and also at Institute level with authorities.


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The Review of the Curriculum Feedback from Various Stakeholders, Its Action Taken.

1. Course Curriculum Feedback by Teachers

Following are the Actions Taken:

Feedback from Teachers	Action taken
Few teachers found lack of books in the departmental library	Procurement of New books is in pipeline for department library so that Faculty can access it.

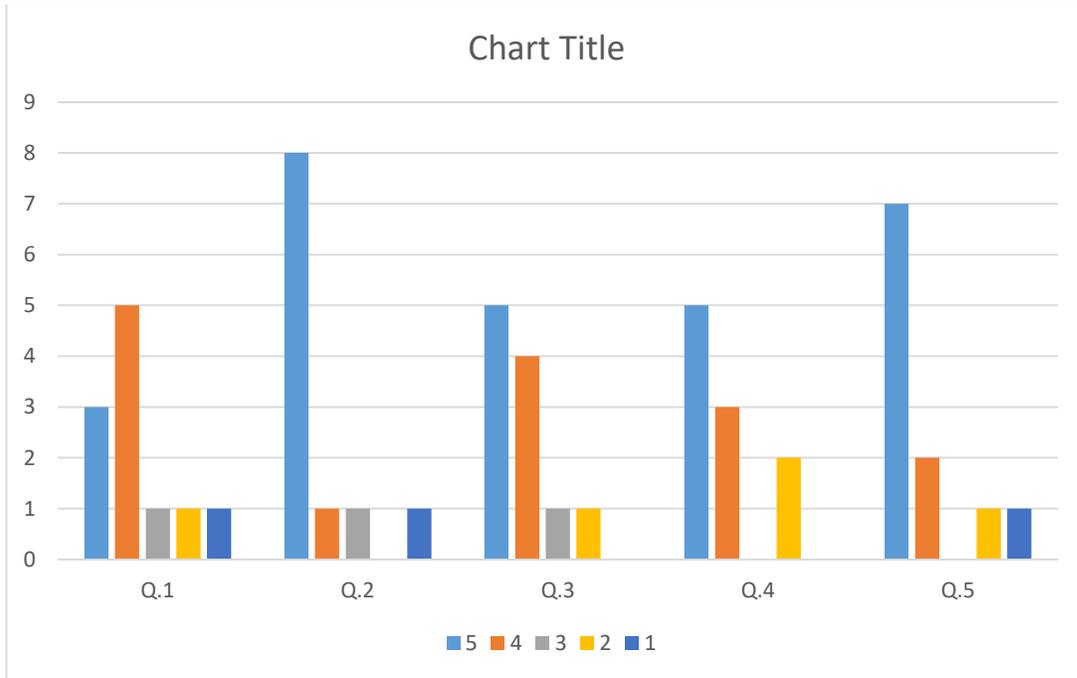
Following were the questions asked:

S.No.	Questions
1.	The availability of books & E-learning material in the institute is good.
2.	The Courses and content are up to date.
3.	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.
4.	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.
5.	The curriculum is capable of inculcating life-long learning abilities in students.

Summary of Responses						
Q.No.	Excellent	Very Good	Good	Average	Satisfactory	Analysis Index
1.	3	5	1	1	1	3.8
2.	8	1	1	0	1	4.4
3.	5	4	1	1	0	4.2
4.	5	3	0	2	0	4.2
5.	7	2	0	1	1	4.2
Teacher Course Satisfaction Index (TSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Satisfactory)						


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2. EMPLOYER SATISFACTION SURVEY

1. Sample size: 2

Following are the Actions Taken:

Suggestions from Employer	Action taken
More attention should be paid by the faculty on teaching WD- working drawings and construction details relevant to today's time.	A workshop has been conducted regarding working drawing, explaining students about its important and procedure to do working drawing in practical field.

S.No.	Questions
1.	What's the employee level of technical contribution while working?
2.	What's the employee level of success in learning new areas, engaging in professional development, & adapting to technological change?
3.	Does the employee deserve for elevation to higher level?
4.	What is the level of ethical and social responsibility of employee?
5.	Does employee demonstrate ability to work well in a team?

Summary of Responses						
Q.No.	Excellent	Very Good	Good	Average	Satisfactory	Employer Satisfaction Index
1.	0	1	1	0	0	3.5
2.	1	1	0	0	0	4.5
3.	0	2	0	0	0	4.0
4.	0	1	0	1	0	3.0
5.	0	2	0	0	0	4.0
Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average 1: Satisfactory)						



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4. PARENTS SATISFACTION

SURVEY

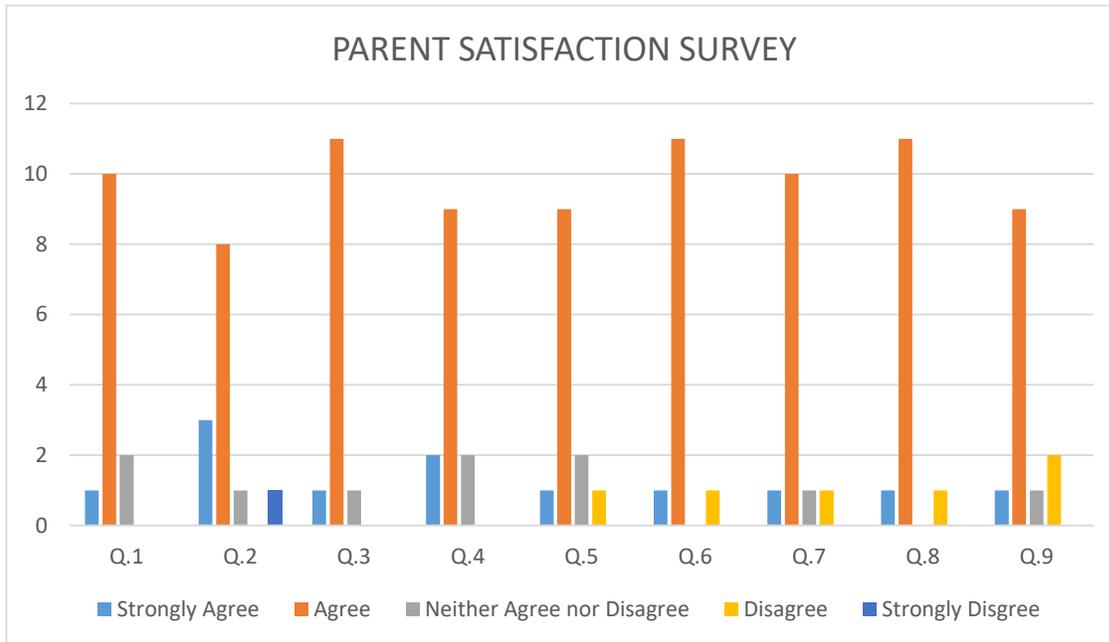
Sample Size: 13

Feedback from Parents	Action taken
Due to COVID and online mode of teaching, interaction among the students and faculty was reduced which resulted in the lack of interest in the studies	Hence following various activities were organized: <ul style="list-style-type: none"> ● Urban Design studio to Pondicherry for III and IV year students ● Rural studio to Maheshwar for II year students ● Collaborative learning- Students from I,II,III,IV year were encouraged to help the final year students in their thesis project. All these activities helped students in expanding the horizon of their knowledge.
S.No.	Questions
1.	How do you rate the availability of books & E-learning material in the institute library / website?
2.	Is any new course to be introduced- to meet current needs & technological changes?
3.	How do you rate the quality and relevance of the courses included in the programme of study.
4.	Your ward demonstrates knowledge of the recent trends and developments in the field.
5.	The institute provides good support for improving overall personality of your ward.
6.	The teaching, learning and evaluation system in the institute is good.
7.	The institute conducts many activities that help your ward in getting job opportunities and campus placement.
8.	The infrastructure, other facilities and ambience of the institute is good.
9.	In general you are happy and satisfied with the institute.

Summary of Responses						
Q.No.	Strongly Agree	Agree	Neither Agree/ Disagree	Disagree	Strongly Disagree	Parent's Satisfaction Index
1.	1	10	2	0	0	4.6
2.	3	8	1	0	1	4.6
3.	1	11	1	0	0	4.7
4.	2	9	2	0	0	4.7
5.	1	9	2	1	0	4.4
6.	1	11	0	1	0	4.6
7.	1	10	1	1	0	4.5
8.	1	11	0	1	0	4.6
9.	1	9	1	2	0	4.3
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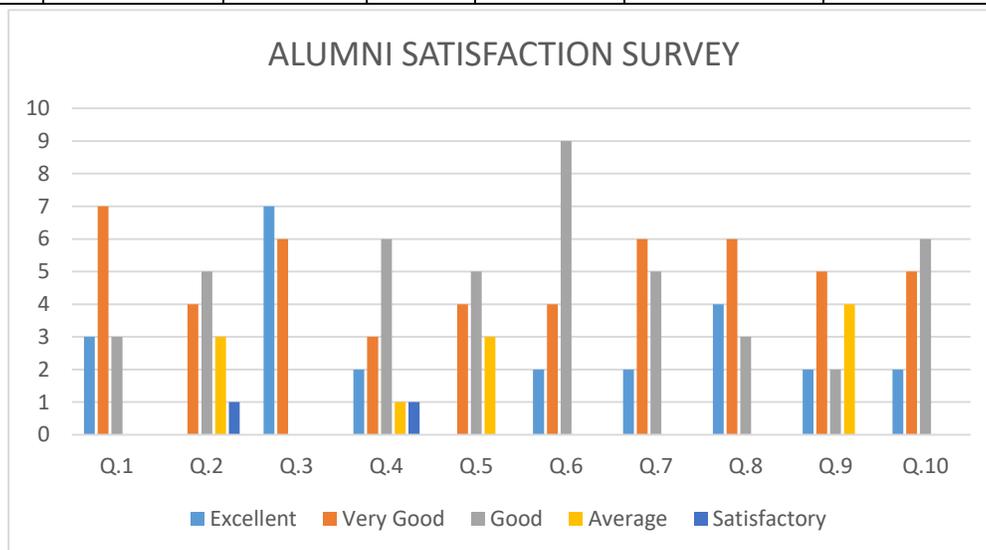
5.Alumni Satisfaction Survey

Following are the Actions Taken:

Suggestions from Alumni	Action taken
More equipped labs & workshops, More guest lectures and educational tours are to be arranged	Collaborative studio with other prestige institutes are running, students are taking part in that with great enthusiasm.
The alumni are willing to contribute through interaction with students, sharing their works and experiences and guiding them	Alumni those are in Gwalior were called on online platform and they shared their recent works with students.

Sample Size: 13

Summary of Responses						
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2.	0	4	5	3	1	2.9
3.	7	6	0	0	0	4.5
4.	2	3	6	1	1	3.3
5.	0	4	5	3	0	2.8
6.	2	4	9	0	0	4.1
7.	2	6	5	0	0	3.8
8.	4	6	3	0	0	4.1
9.	2	5	2	4	0	3.4
10.	2	5	6	0	0	3.7



MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR
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Following were the questions asked to alumni :

S.No.	Questions
1.	You feel proud to be known as an MITS Alumnus.
2.	Institute organizes various kinds of activities for the overall development of students.
3.	Are you willing to contribute in the development of the Institute
4	Institute handles students' grievances properly.
5	Institute has adequate laboratories and equipment for practical exposure to students.
6	The education imparted at MITS is useful and relevant in your career and present job.
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS.
8	Do you like to join the Institute Alumni Association.
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?
10	Overall are you satisfied with the Faculty, Staff and Administration during Program.

Some suggestion on curriculum (resources, activities)

1. it's been over two years I have been working in architecture industry. In addition, from my experience, I believe that there are a lot many things, which our institute has to **upgrade in curriculum**.

-Rather than making drafted sheets of old techniques & methods (Barry, Mackey) Students should be taught new construction technique more. They should be allowed to submit free hand sketched and ideas

-They should be taught to de-code the live architectural studies.

-Extra special lectures can be added to the curriculum. Which I think will be beneficial for long term students.

-**Architectural books** and syllabus should be upgraded.

2. **More Extracurricular**, support for placements

3. **More equipped labs** & workshops, beyond 5pm workplace and interactive curriculum are needed to be strong in the department. Only best faculty alone can't make the course best.


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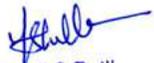
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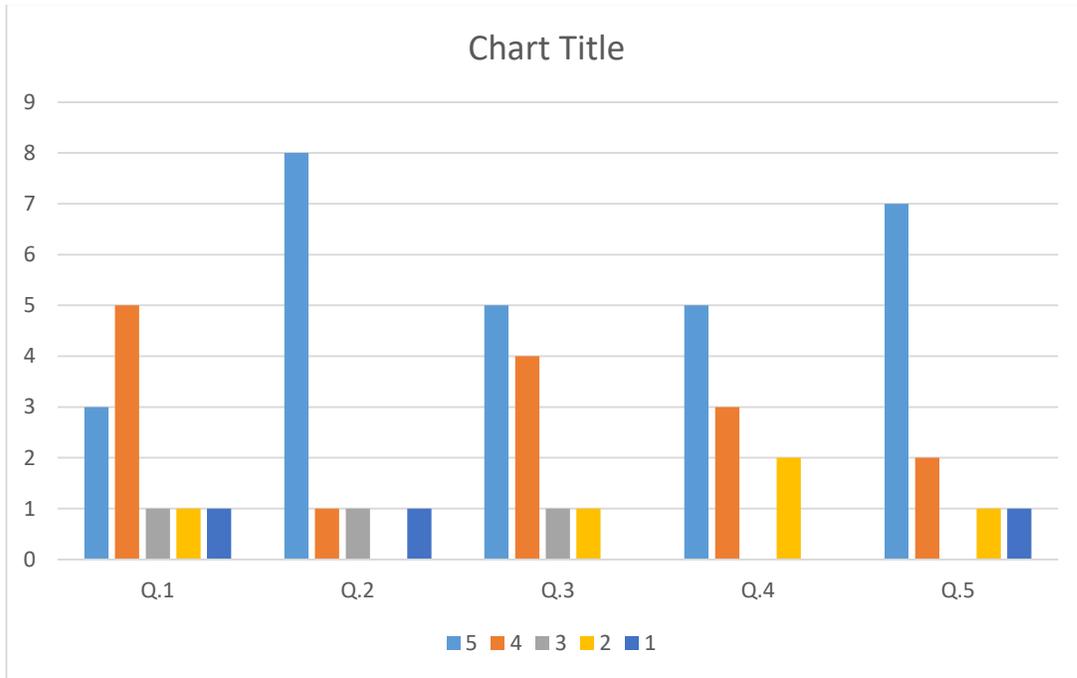
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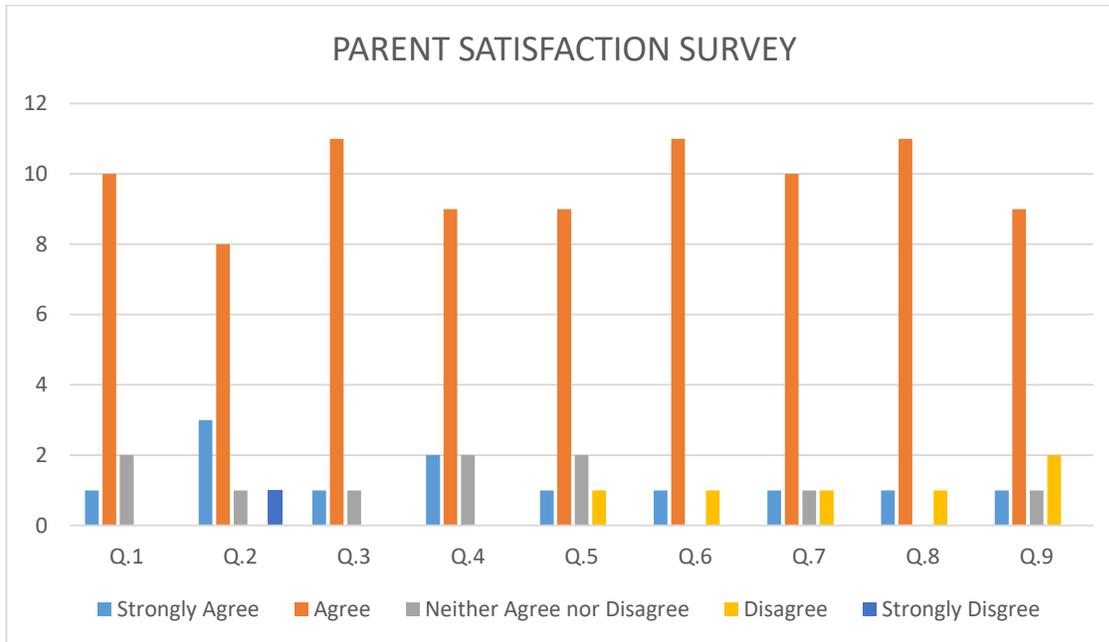
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Feedback from Parents		Action taken
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5.	1	9	2	1	0	4.4
6.	1	11	0	1	0	4.6
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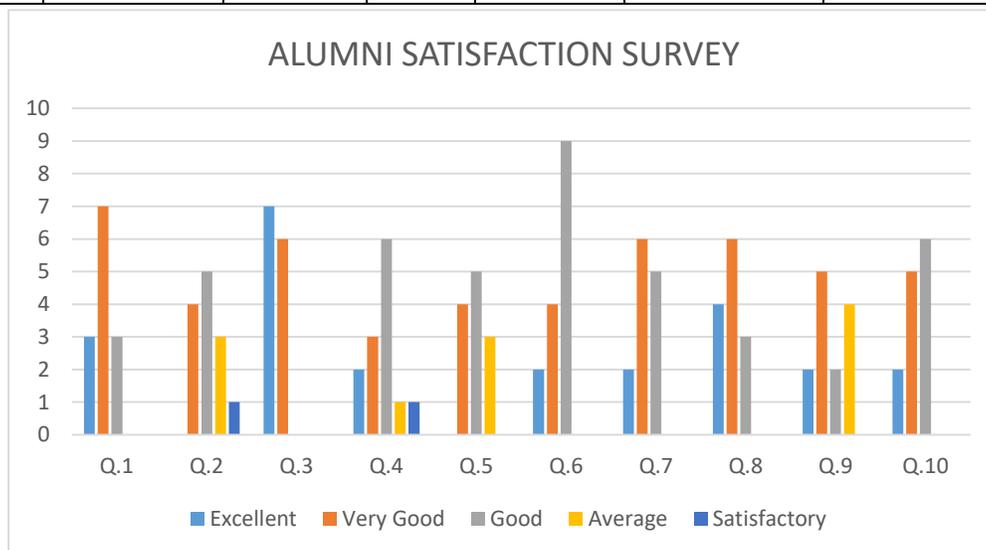
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5.	0	4	5	3	0	2.8
6.	2	4	9	0	0	4.1
7.	2	6	5	0	0	3.8
8.	4	6	3	0	0	4.1
9.	2	5	2	4	0	3.4
10.	2	5	6	0	0	3.7



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S.No.	Questions
1.	You feel proud to be known as an MITS Alumnus.
2.	Institute organizes various kinds of activities for the overall development of students.
3.	Are you willing to contribute in the development of the Institute
4	Institute handles students' grievances properly.
5	Institute has adequate laboratories and equipment for practical exposure to students.
6	The education imparted at MITS is useful and relevant in your career and present job.
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS.
8	Do you like to join the Institute Alumni Association.
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?
10	Overall are you satisfied with the Faculty, Staff and Administration during Program.

Some suggestion on curriculum (resources, activities)

1. it's been over two years I have been working in architecture industry. In addition, from my experience, I believe that there are a lot many things, which our institute has to **upgrade in curriculum**.

-Rather than making drafted sheets of old techniques & methods (Barry, Mackey) Students should be taught new construction technique more. They should be allowed to submit free hand sketched and ideas

-They should be taught to de-code the live architectural studies.

-Extra special lectures can be added to the curriculum. Which I think will be beneficial for long term students.

-**Architectural books** and syllabus should be upgraded.

2. **More Extracurricular**, support for placements

3. **More equipped labs** & workshops, beyond 5pm workplace and interactive curriculum are needed to be strong in the department. Only best faculty alone can't make the course best.



Dr. Anjali S. Patil
 Associate Professor & Head
 Department of Architecture & Planning
 Madhav Institute of Technology & Science
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Department of Chemical Engineering
Feedback Analysis & Action Taken Report

ITEM NO. 24	Feedback	Feedback Comments	Feedback Action Taken
To review curricula feedback from various stakeholders, its analysis and impact	Students Feedback	<ul style="list-style-type: none"> The curriculum is up to date 	<ul style="list-style-type: none"> Scope of improvement is being explored
	Faculty Feedback	<ul style="list-style-type: none"> Adequate Books are not available in the Library Heat transfer should be taught in 2 parts, as syllabus is lengthy and difficult to teach in one semester time. 	<ul style="list-style-type: none"> The Library officer has been informed about the situation and also shared the list of Books. Informed the respective faculty about the situation like, very limited slots is available for DCs in the scheme so practically it is not possible.
	Parents Feedback	<ul style="list-style-type: none"> The students should be informed about different upcoming exams for future. 	<ul style="list-style-type: none"> The class coordinators & faculty have been informed about the same.
	Alumni Feedback	<ul style="list-style-type: none"> Revision of syllabus is required Need to particularly focus on practical application rather than teaching theories. Availability of Books in Library Department should have a regular industrial visits. 	<ul style="list-style-type: none"> Already discussed and changed in BoS accordingly All the faculty members have been instructed to discuss the theory with some practical

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			<p>respective courses.</p> <ul style="list-style-type: none">• The Library officer has been informed about the situation and also shared the list of Books.• Department is exploring opportunity related to conduction of industrial visit.
	Employer Feedback	<ul style="list-style-type: none">• The courses offered are only relevant up to a certain level there should be a proper commencement of newly technologies introduced in the industries• Need some courses on finance as well. Data science is an emerging field an exposure of that will be beneficial.	<ul style="list-style-type: none">• New Technology and Industry related course already offered in flexible curriculum.• Regarding this Provision is there in open category courses.


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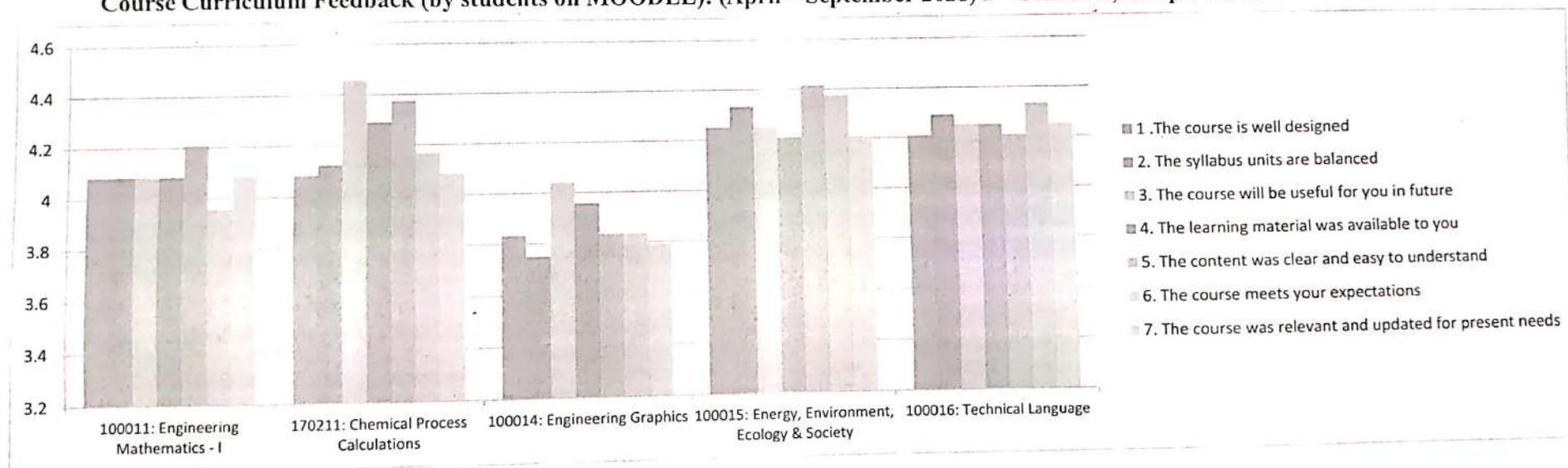
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Students Feedback on Course Curriculum

S. No.	Comments	Action Taken
1.	The curriculum is up to date	Scope of improvement is being explored

Course Curriculum Feedback (by students on MOODLE): (April – September 2021) 2nd Semester, Sample Size: 24



Swati
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SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 4th Semester, Sample Size: 22

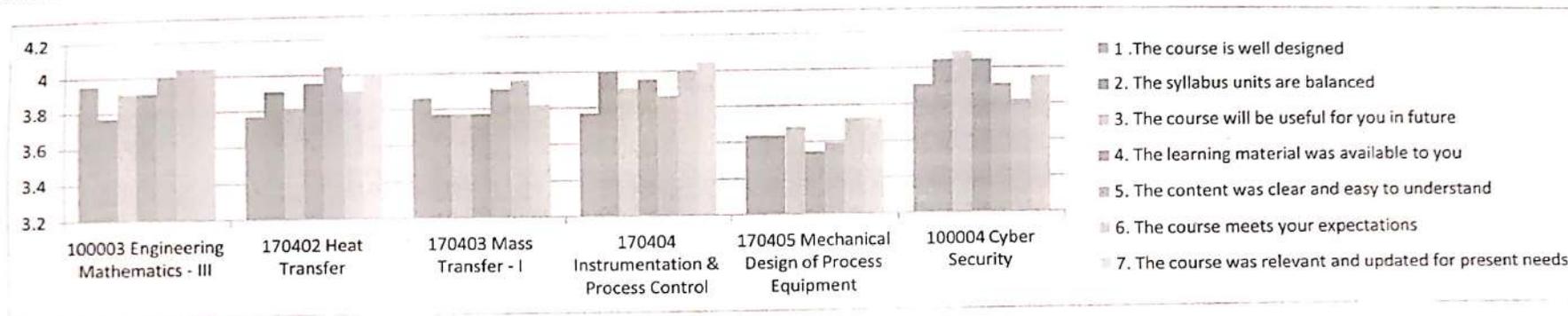
Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
100011: Engineering Mathematics - I	4.0833333	4.0833333	4.0833333	4.0833333	4.2083333	3.9583333	4.0833333	4.083333
170211: Chemical Process Calculations	4.083333	4.125	4.458333	4.291667	4.375	4.166667	4.083333	4.22619
100014: Engineering Graphics	3.833333	3.75	4.041667	3.958333	3.833333	3.833333	3.791667	3.863095
100015: Energy, Environment, Ecology & Society	4.25	4.333333	4.25	4.208333	4.416667	4.375	4.208333	4.291667
100016: Technical Language	4.208333	4.291667	4.25	4.25	4.208333	4.333333	4.25	4.255952
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								


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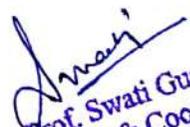
Course Curriculum Feedback (by students on MOODLE): (Jan – June 2021) 4th Semester, Sample Size: 22



SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 4th Semester, Sample Size: 22

Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
100003 Engineering Mathematics - III	3.954545455	3.772727273	3.909090909	3.909090909	4	4.045454545	4.045454545	3.95
170402 Heat Transfer	3.772727273	3.909090909	3.818181818	3.954545455	4.045454545	3.909090909	4	3.92
170403 Mass Transfer - I	3.863636364	3.772727273	3.772727273	3.772727273	3.909090909	3.954545455	3.818181818	3.84
170404 Instrumentation & Process Control	3.772727273	4	3.909090909	3.954545455	3.863636364	4	4.045454545	3.93
170405 Mechanical Design of Process Equipment	3.636363636	3.636363636	3.681818182	3.545454545	3.590909091	3.727272727	3.727272727	3.65
100004 Cyber Security	3.909090909	4.045454545	4.090909091	4.045454545	3.909090909	3.818181818	3.954545455	3.97

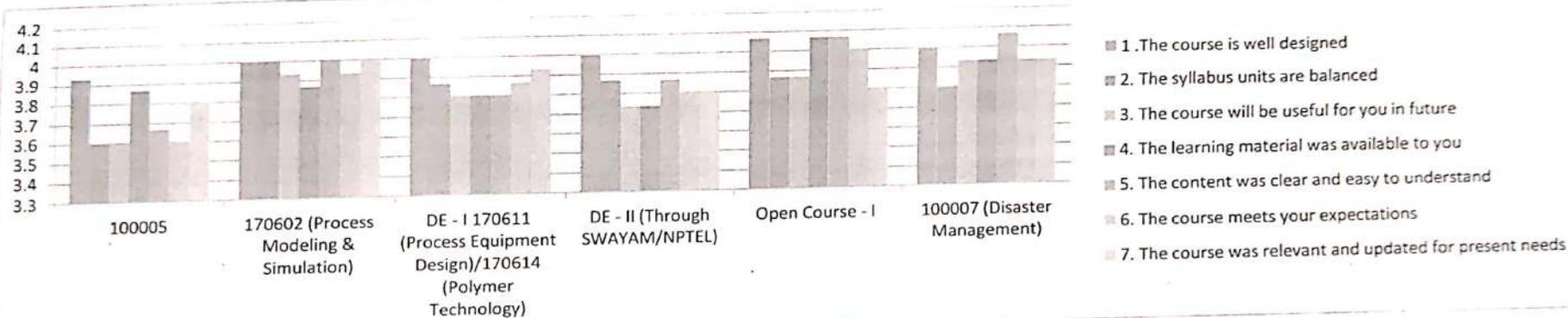
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)


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Course Curriculum Feedback (by students on MOODLE): (Jan – June 2021) 6th Semester, Sample Size: 15



SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 6th Semester, Sample Size: 15

Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
100005 (Ethics, Economics, Entrepreneurship & Management)	3.933333333	3.6	3.6	3.866666667	3.666666667	3.6	3.8	3.72
170602 (Process Modeling & Simulation)	4	4	3.933333333	3.866666667	4	3.933333333	4	3.96
DE - I 170611 (Process Equipment Design)/170614 (Polymer Technology)	4	3.866666667	3.8	3.8	3.8	3.866666667	3.933333333	3.87
DE - II (Through SWAYAM/NPTEL)	4	3.866666667	3.733333333	3.733333333	3.866666667	3.8	3.8	3.83
Open Course - I	4.066666667	3.866666667	3.866666667	4.066666667	4.066666667	4	3.8	3.96

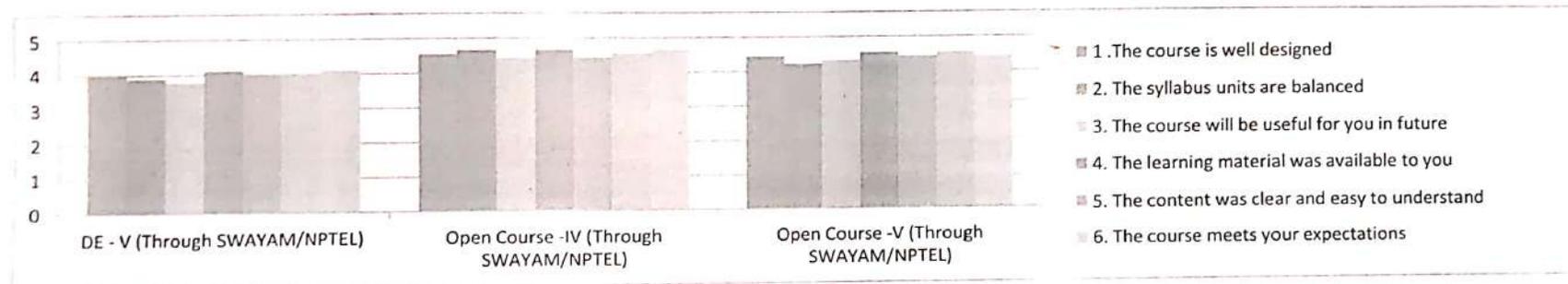

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100007 (Disaster Management)	4	3.8	3.933333333	3.933333333	4.066666667	3.933333333	3.933333333	3.94
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								

Course Curriculum Feedback (by students on MOODLE): (Jan – June 2021) 8th Semester, Sample Size: 09



SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 8th Semester, Sample Size: 09

Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
DE - V (Through SWAYAM/NPTEL)	4	3.88888889	3.77777778	4.11111111	4	4	4.11111111	3.98
Open Course -IV (Through SWAYAM/NPTEL)	4.55555556	4.66666667	4.44444444	4.66666667	4.44444444	4.55555556	4.66666667	4.57
Open Course -V (Through SWAYAM/NPTEL)	4.44444444	4.22222222	4.33333333	4.55555556	4.44444444	4.55555556	4.44444444	4.43
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								

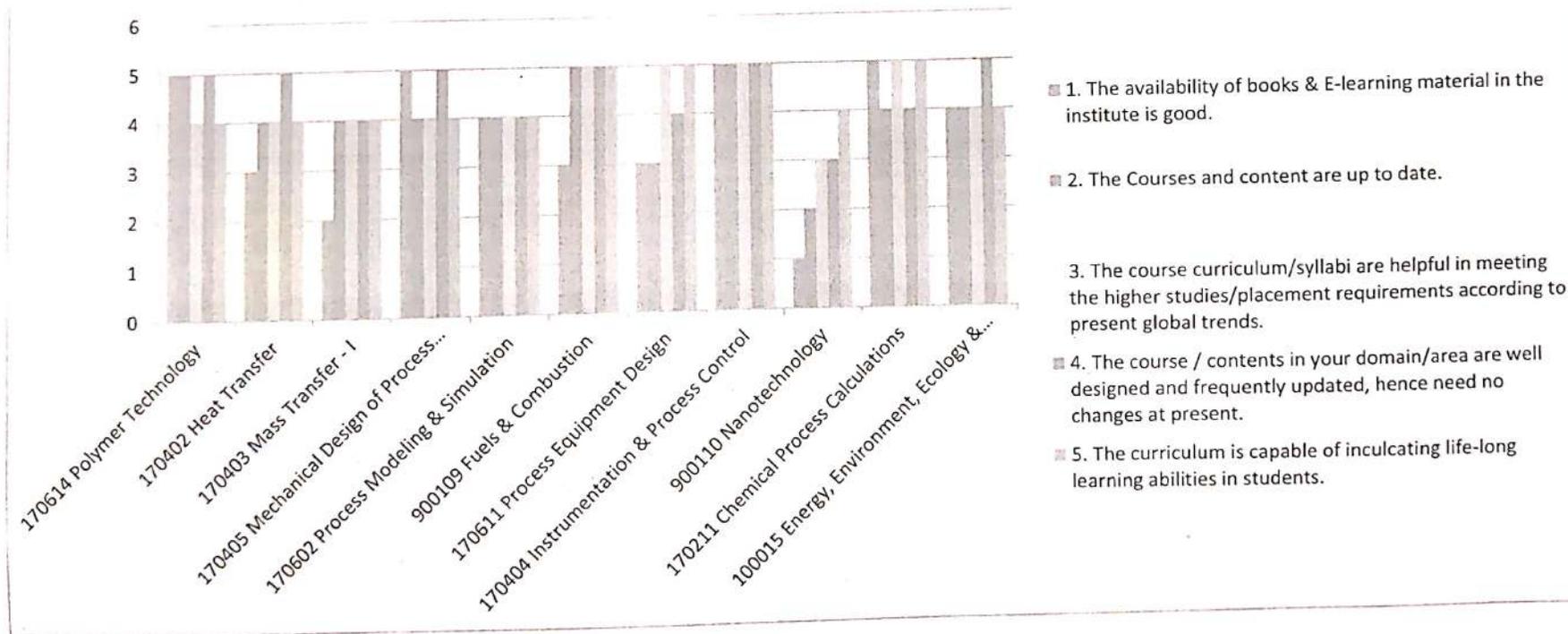
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Faculty Feedback on Course Curriculum

S. No.	Comments	Action Taken
1.	Adequate Books are not available in the Library	The Library officer has been informed about the situation and also shared the list of Books.
2.	Heat transfer should be taught in 2 parts, as syllabus is lengthy and difficult to teach in one semester time.	Informed the respective faculty about the situation like, very limited slots is available for DCs in the scheme so practically it is not possible.

TEACHERS' COURSE CURRICULUM FEEDBACK (by teacher on MOODLE): (Jan – June 2021)




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SUMMARY SHEET (Teachers Course Curriculum Feedback by Teacher on MOODLE)

Parameter (Average Grading)	1. The availability of books & E-learning material in the institute is good.	2. The Courses and content are up to date.	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	5. The curriculum is capable of inculcating life-long learning abilities in students.
170614 Polymer Technology	5	5	4	5	4
170402 Heat Transfer	3	4	4	5	4
170403 Mass Transfer - I	2	4	4	4	4
170405 Mechanical Design of Process Equipment	5	4	4	5	4
170602 Process Modeling & Simulation	4	4	4	4	4
900109 Fuels & Combustion	3	5	5	5	5
170611 Process Equipment Design	3	3	5	4	5
170404 Instrumentation & Process Control	5	5	5	5	5
900110 Nanotechnology	1	2	3	3	4
170211 Chemical Process Calculations	5	4	5	4	5
100015 Energy, Environment, Ecology & Society	4	4	4	5	4
TSI	3.636363636	4	4.272727273	4.454545455	4.363636364
Teacher Course Satisfaction Index (TSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)					


Prof. Swati Gupta
Asst. Prof. & Coordinator
M.I.T.S., Gwalior (M.P.)

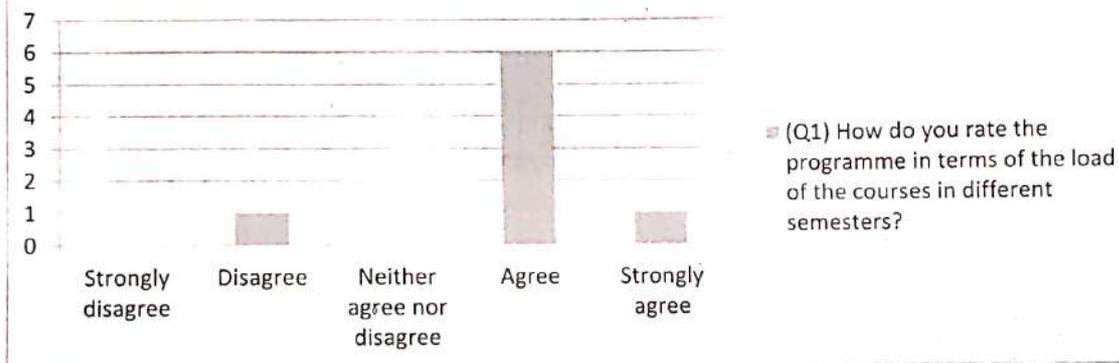


Parent Feedback

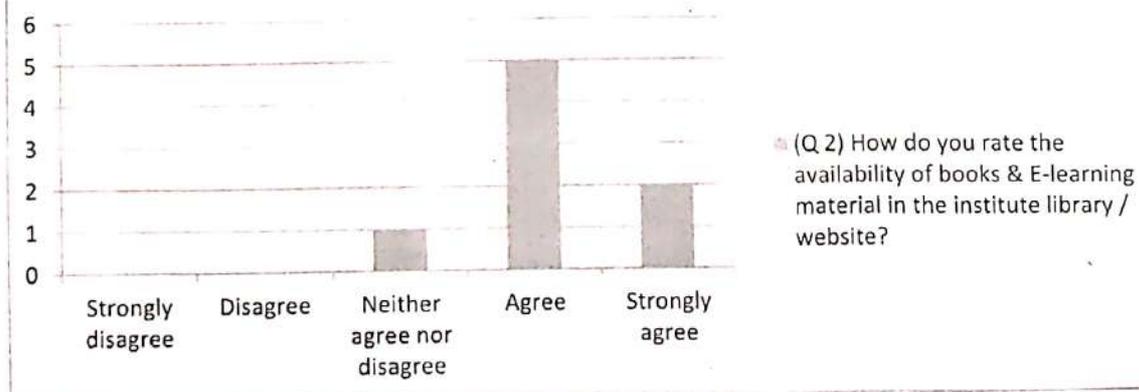
S. No.	Comments	Action Taken
1.	Please give option to choose some subject in additional to students.	There is provision in the higher semester.

Parent Satisfaction Survey 3rd Semester (2021 – 22) Sample Size: 08

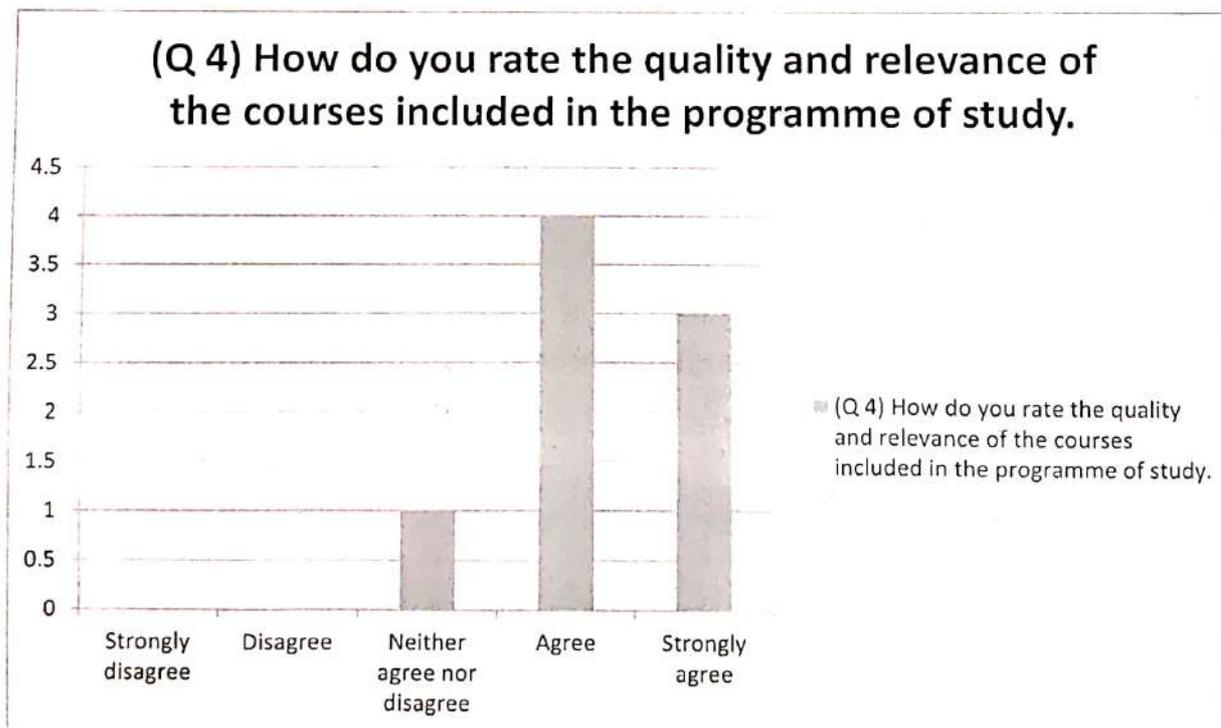
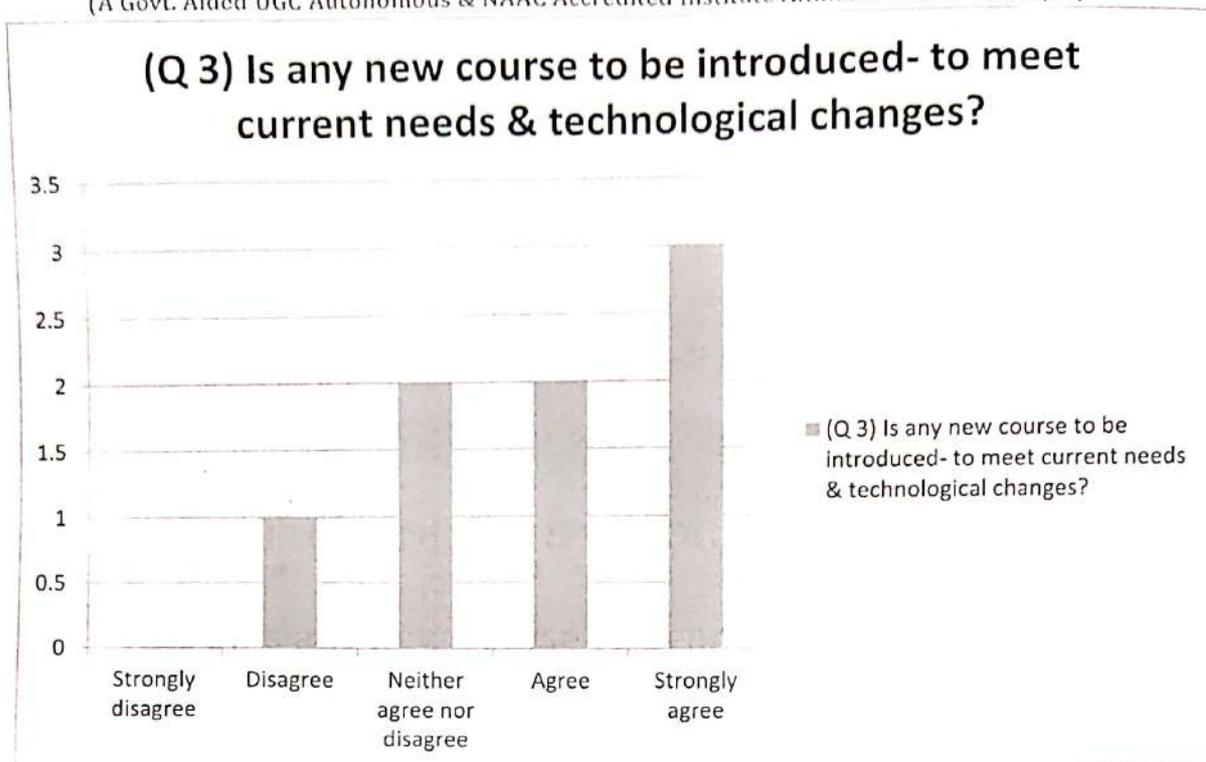
(Q1) How do you rate the programme in terms of the load of the courses in different semesters?



(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?

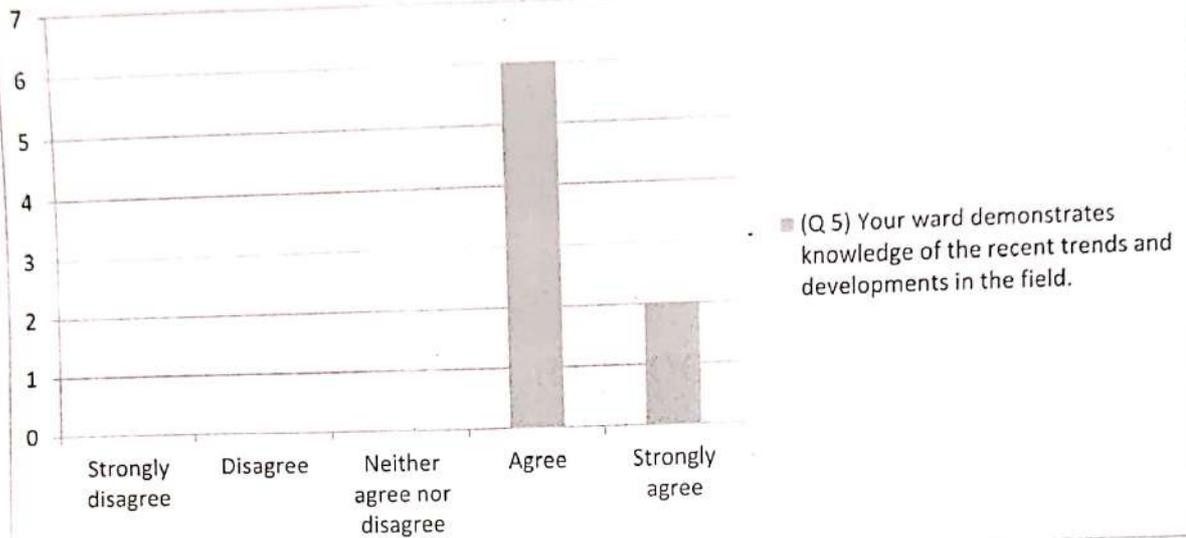


From: 
 Asst. Prof. & 
 Chemical Engg.
 M.I.T.S., Gwalior

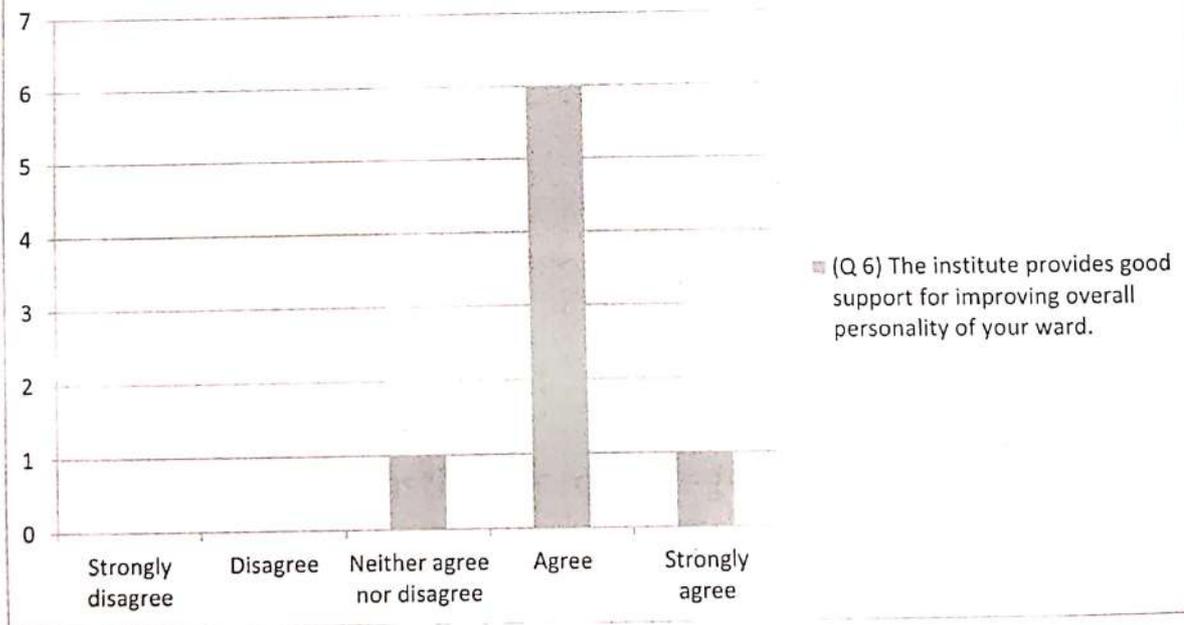


Anand
 Prof. Anand
 Asst. Prof. & Coordinator
 Chemical Engg.
 M.I.T.S., Gwalior (M.P.)

(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.

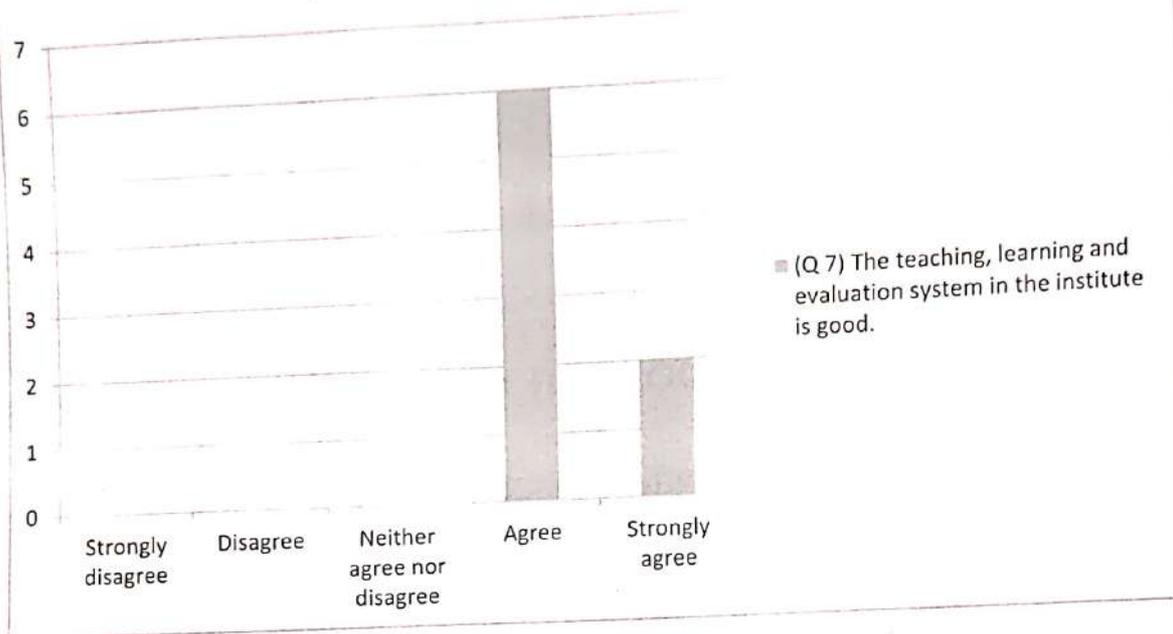


(Q 6) The institute provides good support for improving overall personality of your ward.

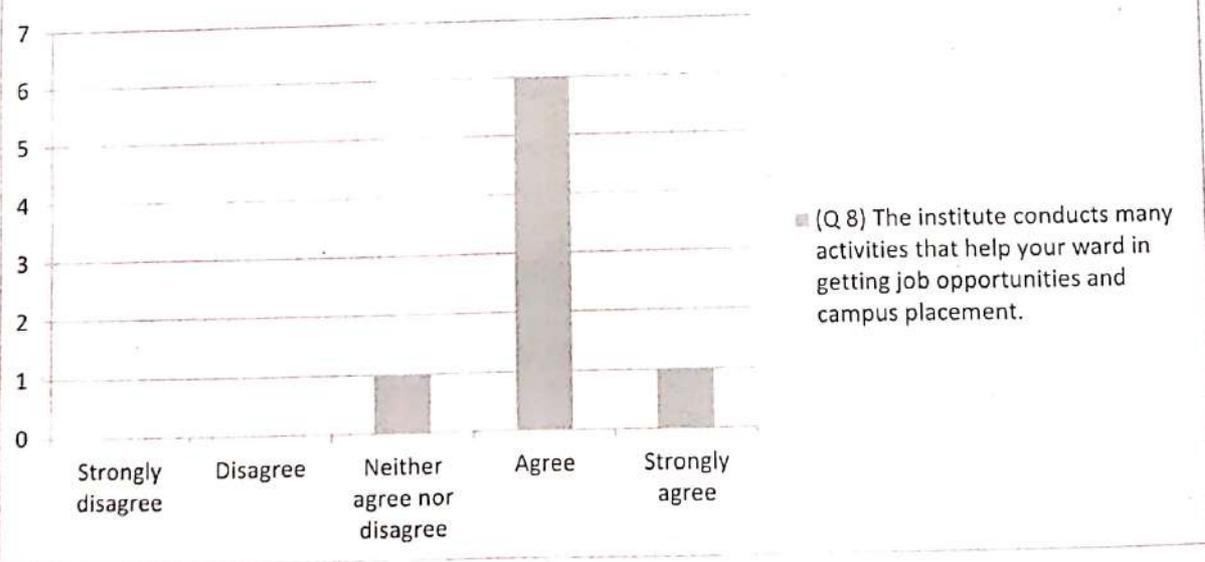


Swati
Prof. Swati Gupta
Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)

(Q 7) The teaching, learning and evaluation system in the institute is good.

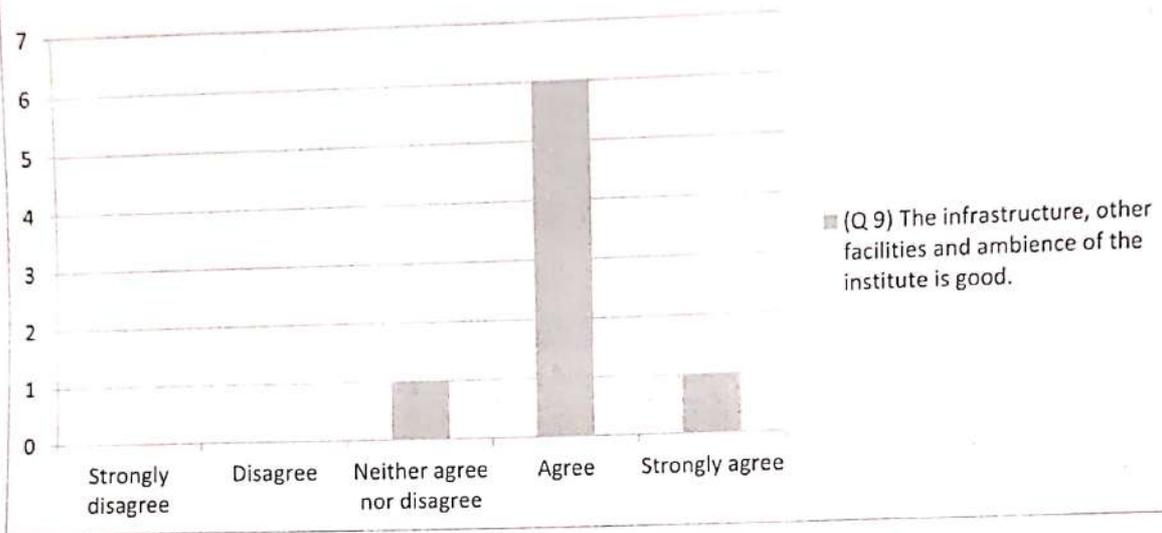


(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.

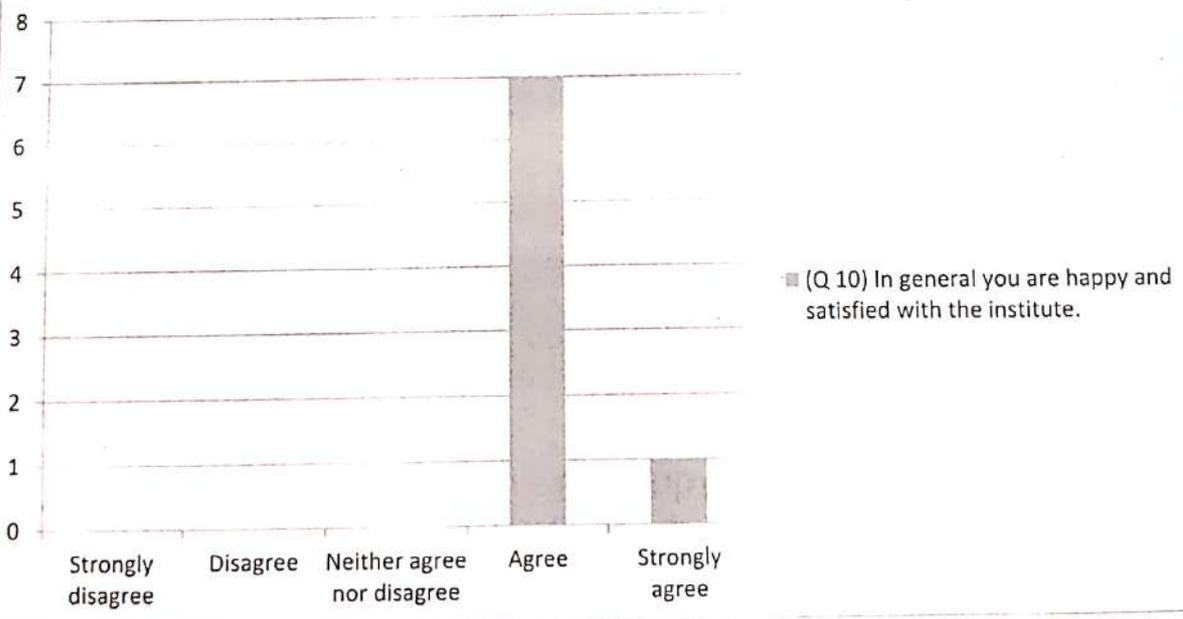


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 Pr.
 Asst. Prof. & Head
 Chemical Engg.
 M.I.T.S., Gwalior (M.P.)

(Q 9) The infrastructure, other facilities and ambience of the institute is good.



(Q 10) In general you are happy and satisfied with the institute.

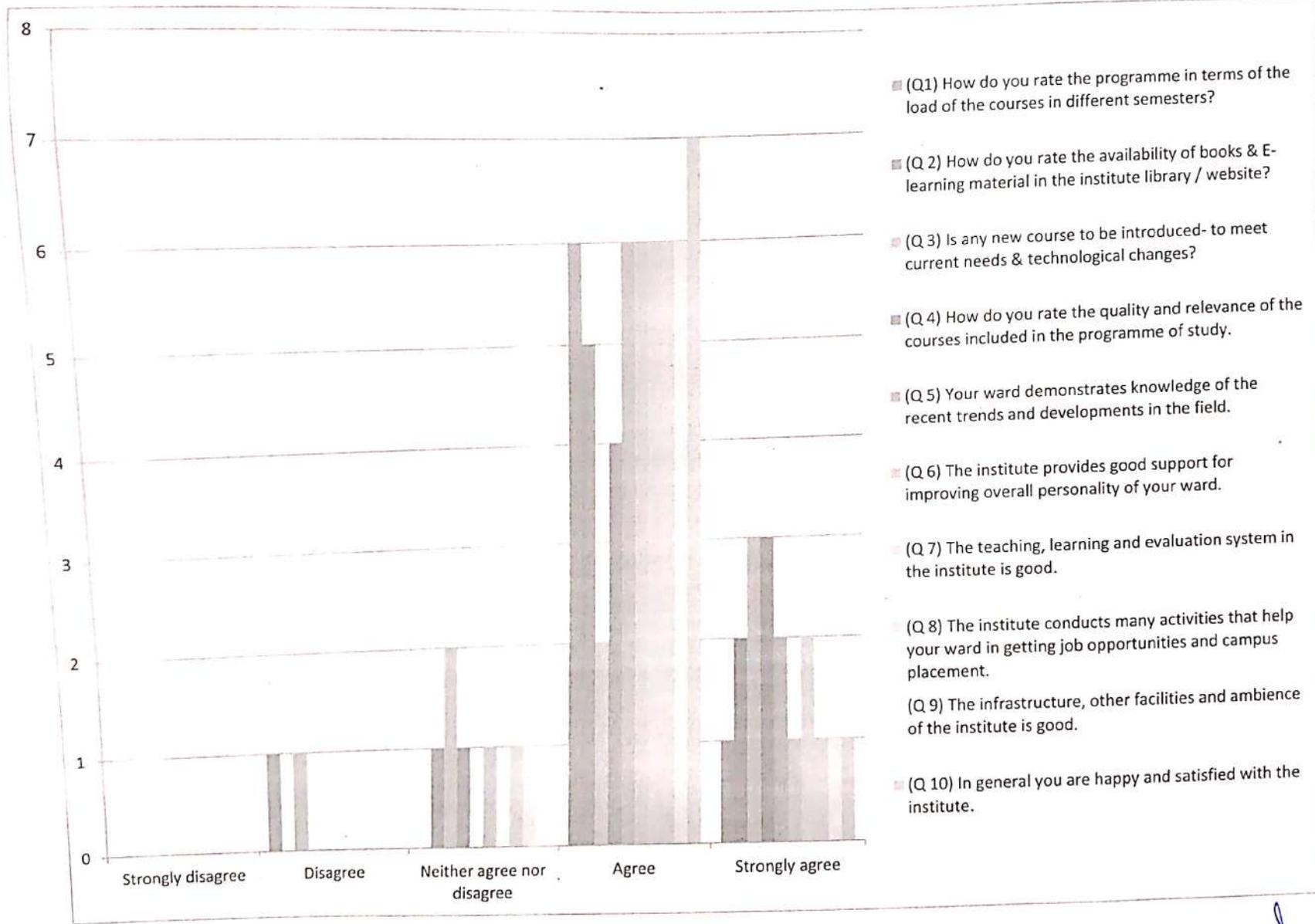


Swati

**Prof. Swati Gupta
Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)**

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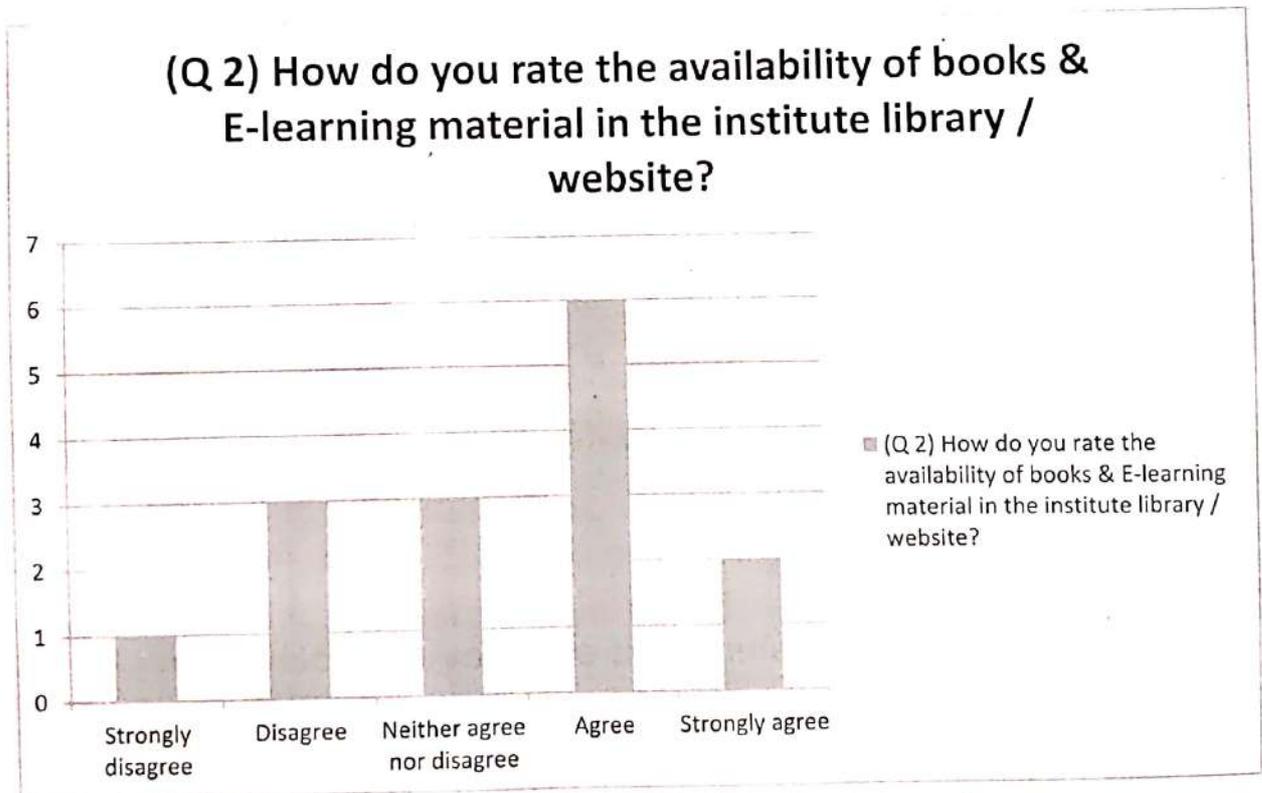
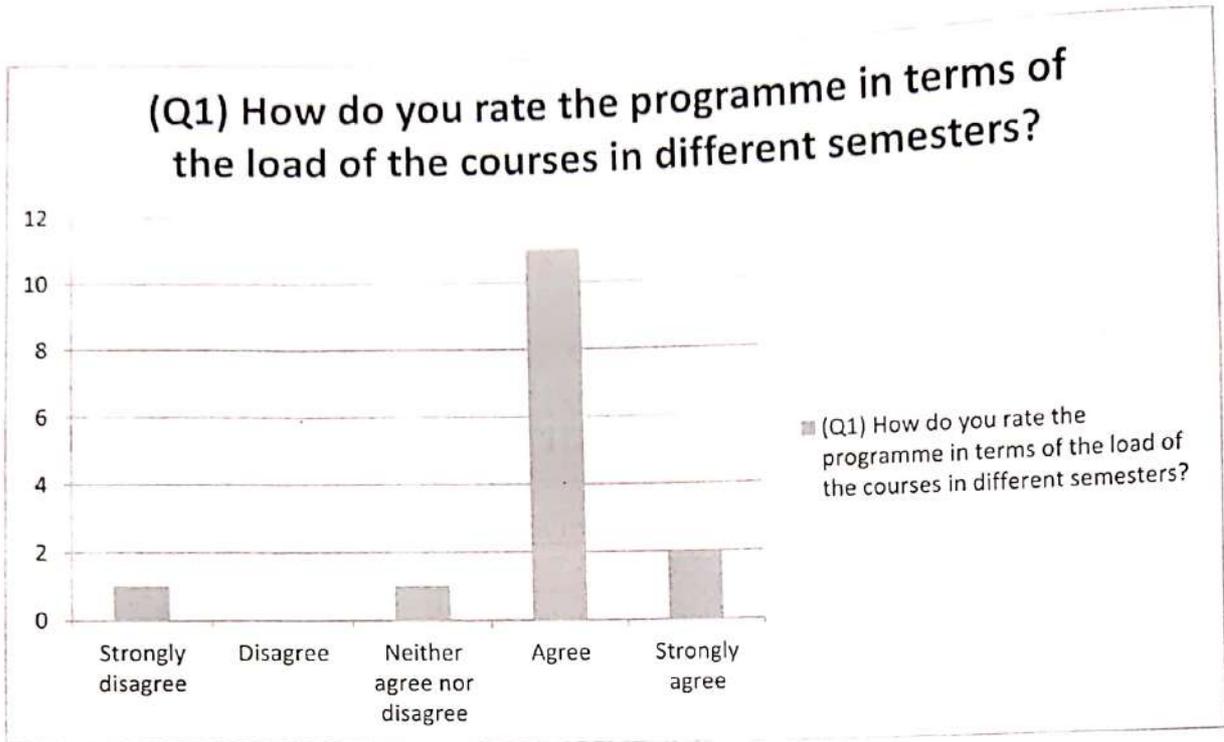


Shrey
 Chemical Engg.
 S. Gwalior (M.P.)

Summary Sheet Parent Satisfaction survey 3rd Semester (2021 – 22) Sample Size: 08

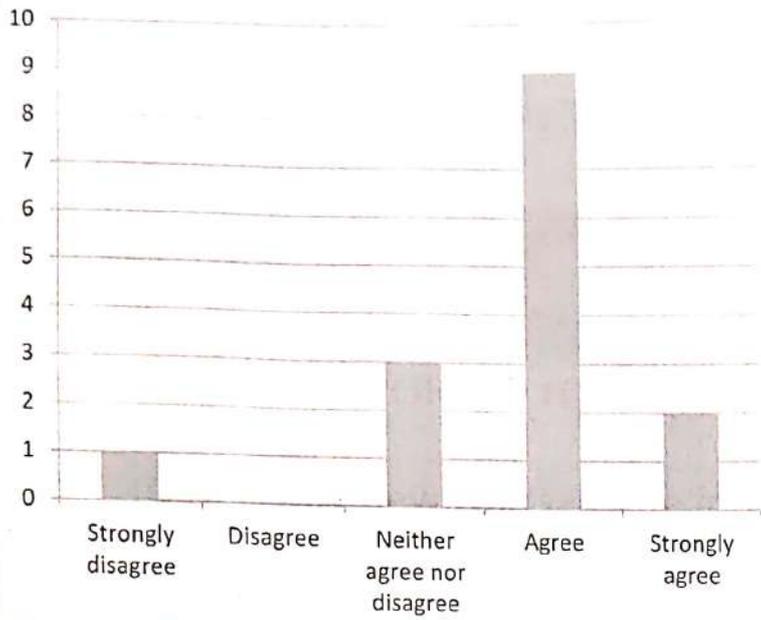
	(Q1) How do you rate the programme in terms of the load of the courses in different semesters?	(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?	(Q 3) Is any new course to be introduced- to meet current needs & technological changes?	(Q 4) How do you rate the quality and relevance of the courses included in the programme of study?	(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.	(Q 6) The institute provides good support for improving overall personality of your ward	(Q 7) The teaching, learning and evaluation system in the institute is good.	(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.	(Q 9) The infrastructure, other facilities and ambience of the institute is good.	(Q 10) In general you are happy and satisfied with the institute.
Strongly disagree	0	0	0	0	0	0	0	0	0	0
Disagree	1	0	1	0	0	0	0	0	0	0
Neither agree nor disagree	0	1	2	1	0	1	0	1	1	0
Agree	6	5	2	4	6	6	6	6	6	7
Strongly agree	1	2	3	3	2	1	2	1	1	1
Parent Satisfaction Index (PSI)	3.875	4.125	3.875	4.25	4.25	4	4.25	4	4	4.125
Parent Satisfaction Index (PSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)										


Prof. Sweta Gupta
Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)



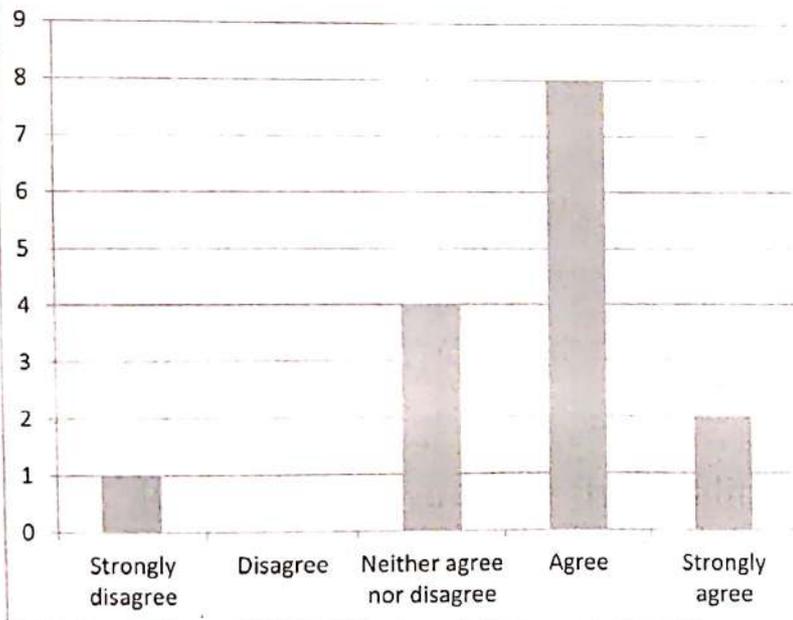
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 Chemical Engg.
 Gwalior (M.P.)

(Q 3) Is any new course to be introduced- to meet current needs & technological changes?



■ (Q 3) Is any new course to be introduced- to meet current needs & technological changes?

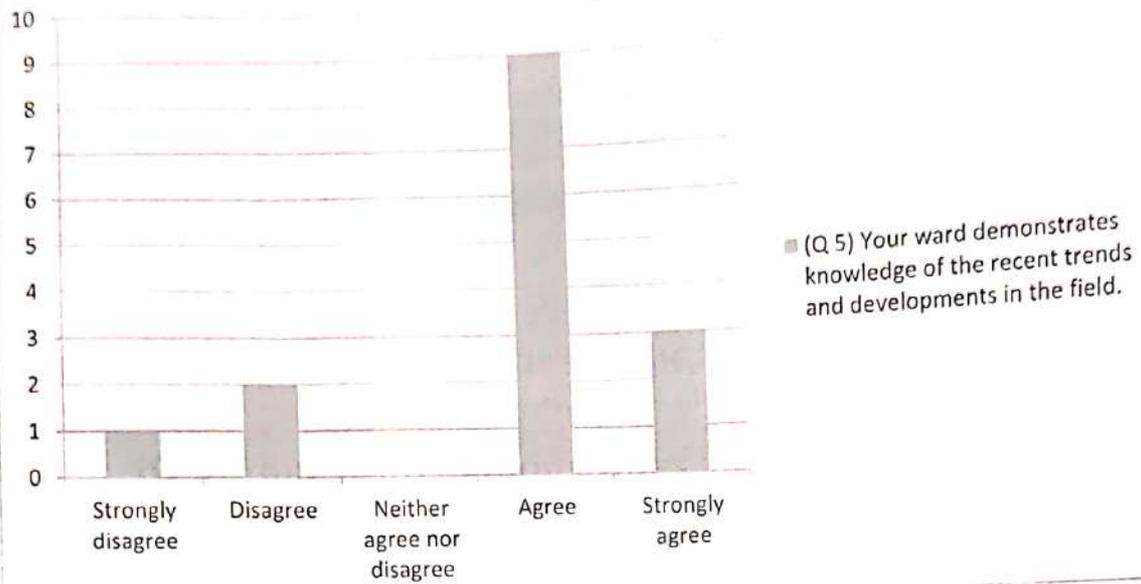
(Q 4) How do you rate the quality and relevance of the courses included in the programme of study.



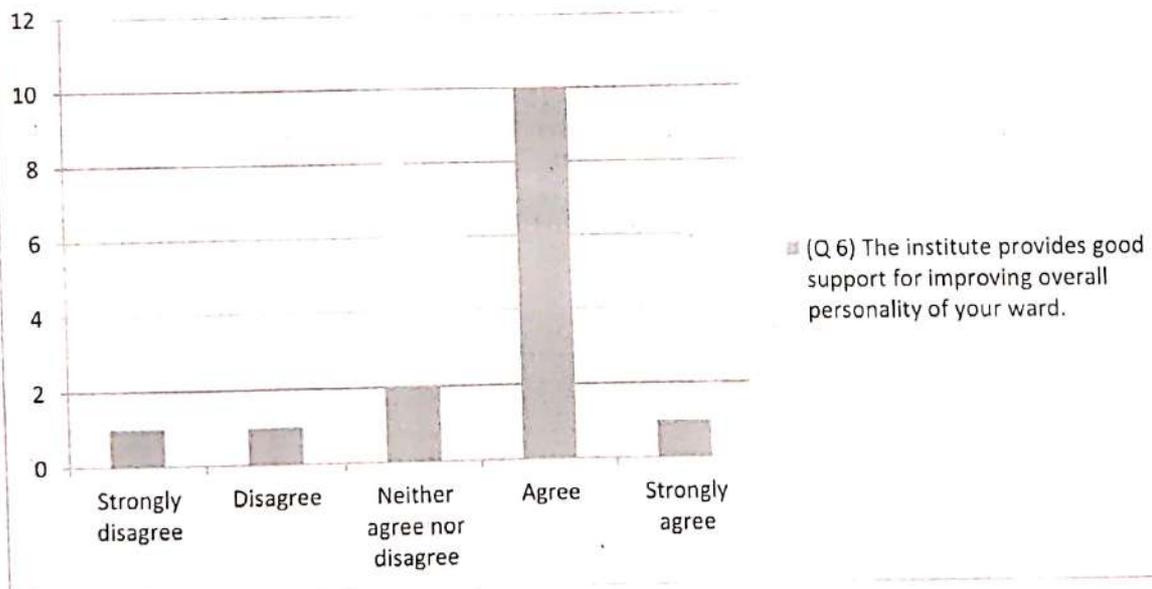
■ (Q 4) How do you rate the quality and relevance of the courses included in the programme of study.

Swati
Prof. Swati Gupta
Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)

(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.

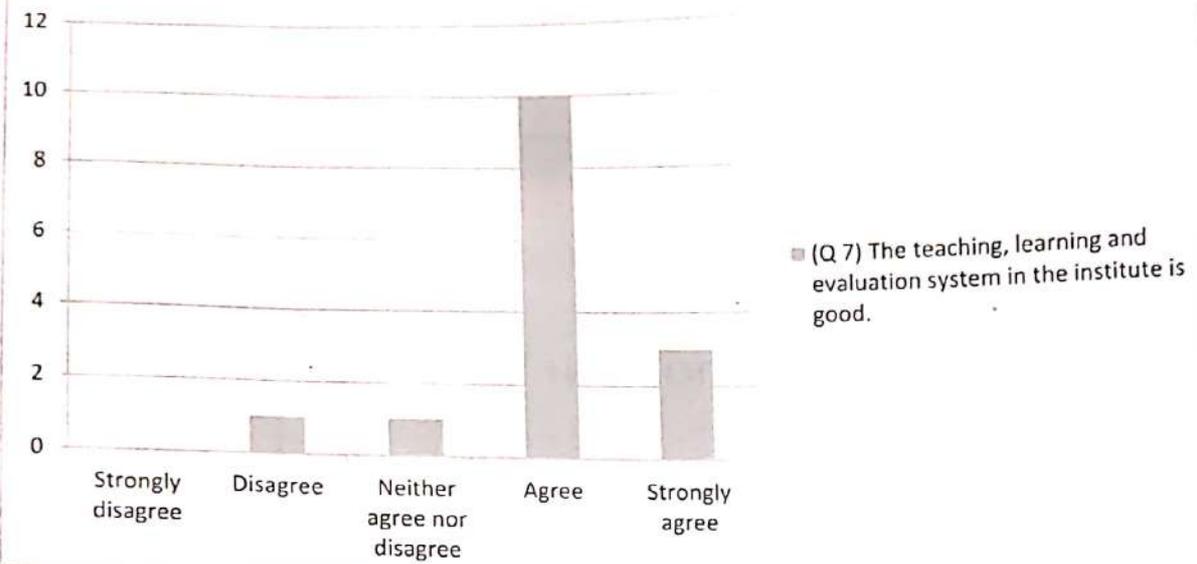


(Q 6) The institute provides good support for improving overall personality of your ward.

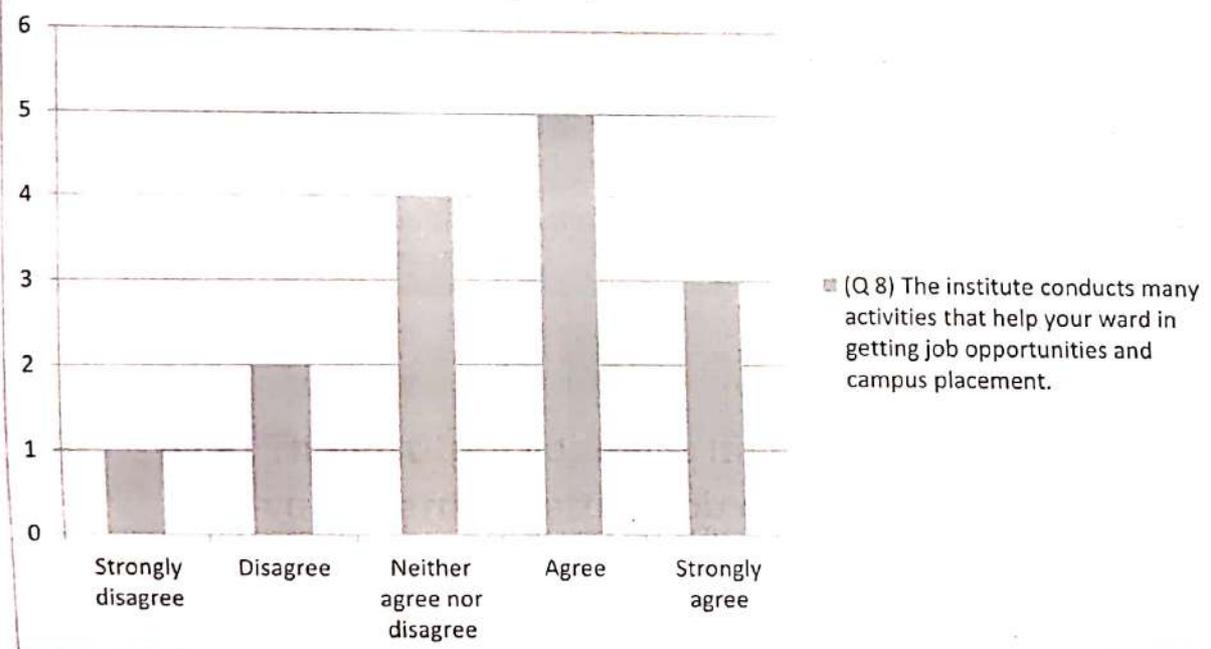


Dr. Arun
 Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)

(Q 7) The teaching, learning and evaluation system in the institute is good.

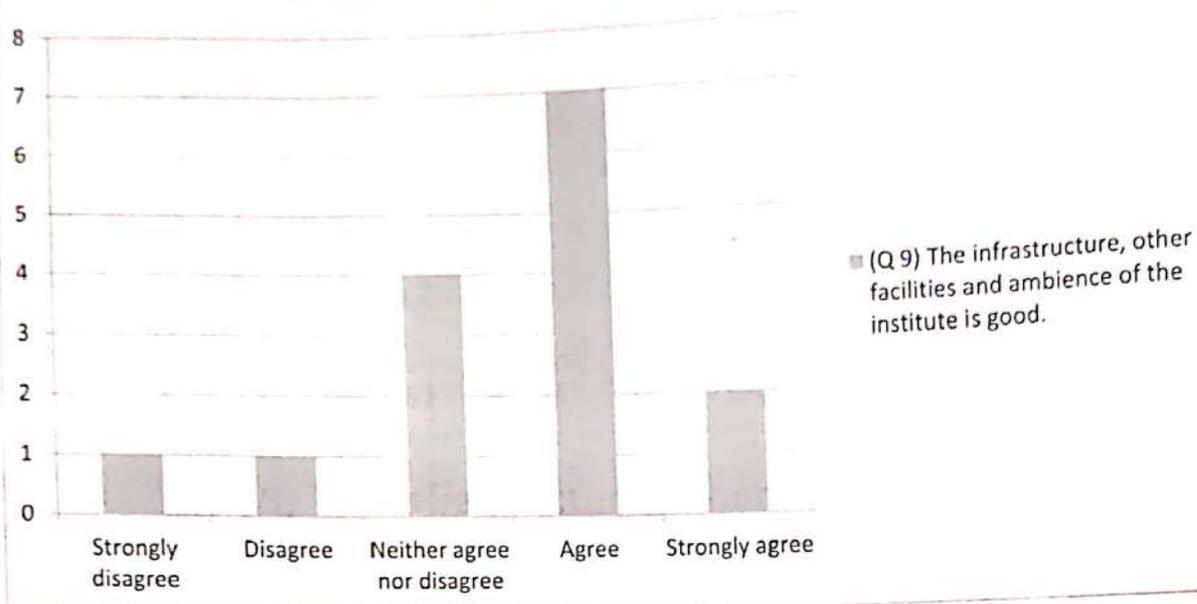


(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.

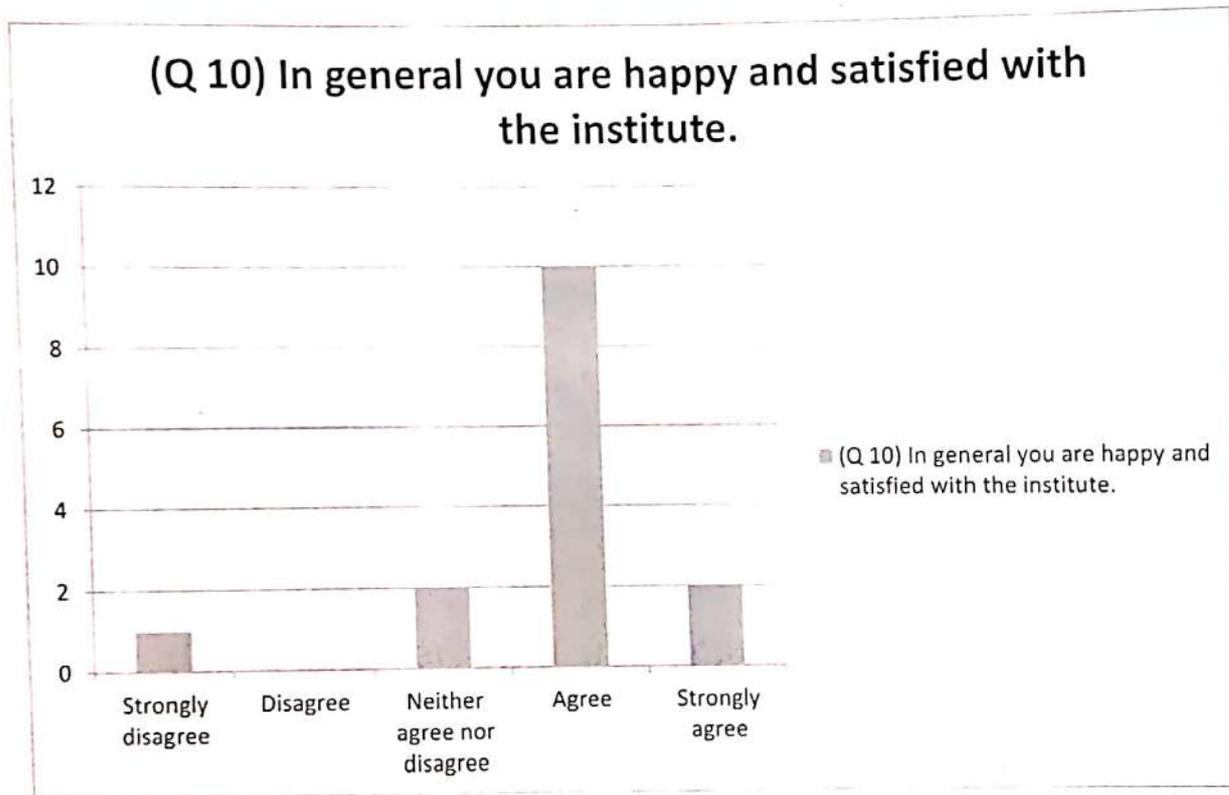


[Signature]
 Chairman
 Madhav Institute of Technology & Science
 Gwalior (M.P.)

(Q 9) The infrastructure, other facilities and ambience of the institute is good.



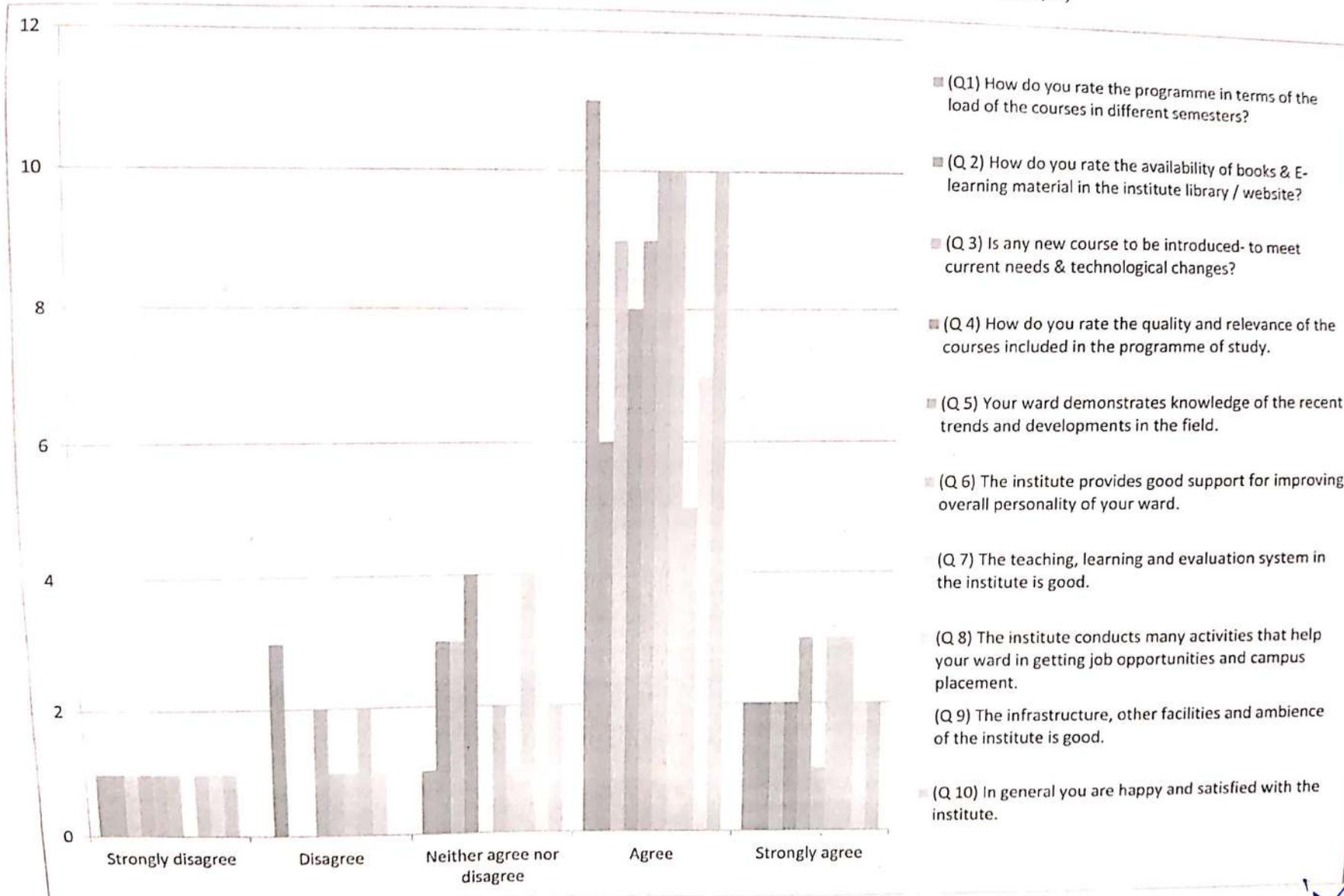
(Q 10) In general you are happy and satisfied with the institute.



Swati Gupta
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Summary Sheet Parent Satisfaction survey VII Semester (2021 – 2022) Sample Size: 15

	(Q1) How do you rate the programme in terms of the load of the courses in different semesters?	(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?	(Q 3) Is any new course to be introduced- to meet current needs & technological changes?	(Q 4) How do you rate the quality and relevance of the courses included in the programme of study?	(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.	(Q 6) The institute provides good support for improving overall personality of your ward	(Q 7) The teaching, learning and evaluation system in the institute is good.	(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.	(Q 9) The infrastructure, other facilities and ambience of the institute is good.	(Q 10) In general you are happy and satisfied with the institute.
Strongly disagree	1	1	1	1	1	1	0	1	1	1
Disagree	0	3	0	0	2	1	1	2	1	0
Neither agree nor disagree	1	3	3	4	0	2	1	4	4	2
Agree	11	6	9	8	9	10	10	5	7	10
Strongly agree	2	2	2	2	3	1	3	3	2	2
Parent Satisfaction Index (PSI)	3.866666667	3.333333333	3.733333333	3.666666667	3.733333333	3.6	4	3.466666667	3.533333333	3.8

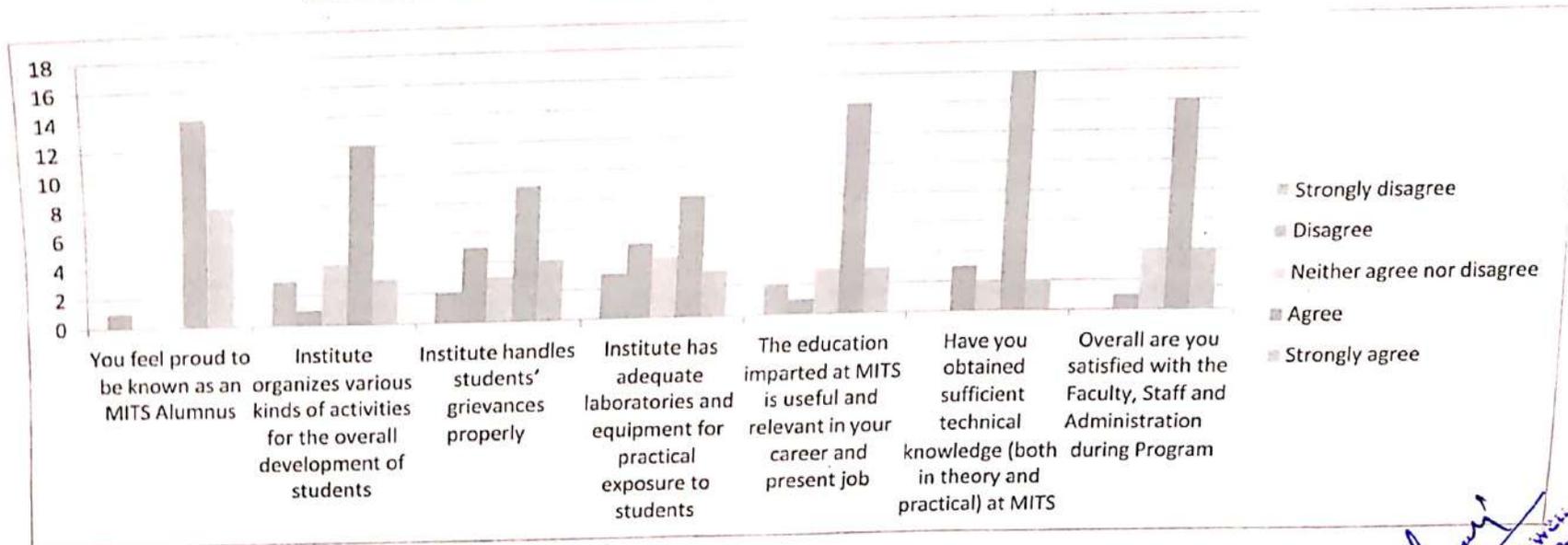
Parent Satisfaction Index (PSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)

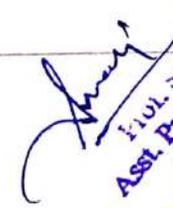
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Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)

Alumni Feedback

S. No.	Comments	Action Taken
1	Revision of syllabus is required	Already discussed and changed in BoS accordingly
2	Need to particularly focus on practical application rather than teaching theories.	All the faculty members have been instructed to discuss the theory with some practical applications in their respective courses.
3	Availability of Books in Library	The Library officer has been informed about the situation and also shared the list of Books.
4	Department should have a regular industrial visits.	Department is exploring opportunity related to conduction of industrial visit.

ALUMNI SATISFACTION SURVEY: (2020-2021): Sample Size: 23

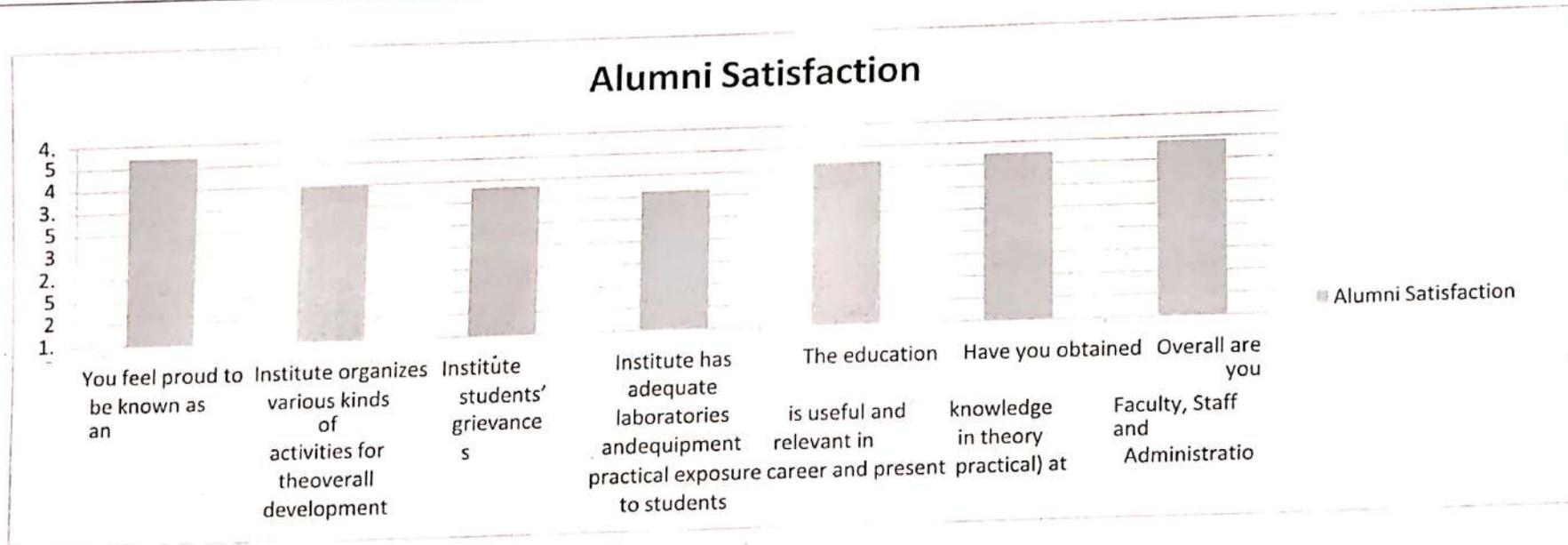



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SUMMARY SHEET (Alumni Satisfaction Survey) Sample Size: 23

Parameter (Average grading)	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Alumni Satisfaction Index
You feel proud to be known as an MITS Alumnus	1	0	0	14	8	4.22
Institute organizes various kinds of activities for the overall development of students	3	1	4	12	3	3.48
Institute handles students' grievances properly	2	5	3	9	4	3.35
Institute has adequate laboratories and equipment for practical exposure to students	3	5	4	8	3	3.13
The education imparted at MITS is useful and relevant in your career and present job	2	1	3	14	3	3.65
Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	3	2	16	2	3.74
Overall are you satisfied with the Faculty, Staff and Administration during Program	0	1	4	14	4	3.91

Alumni Satisfaction Index (ASI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)



Details of Alumni who gave Feedback

S. No.	Name	Organization	Mail id	Phone No.
1.	Udit Singh Rajput	Pulsus Healthcare Pvt. Ltd.	rajputudit25sep@gmail.com	7999886247
2.	Kakul Joshi	DCM Shriram Rayons	skakul374@gmail.com	8109860434
3.	Vivek Singh	Lupin Limited	Vivek.singh0797@gmail.com	8153043120
4.	Sourabh Kumar	GACL-NALCO Alkalies and Chemicals	subh.n.s88@gmail.com	-

(Signature)
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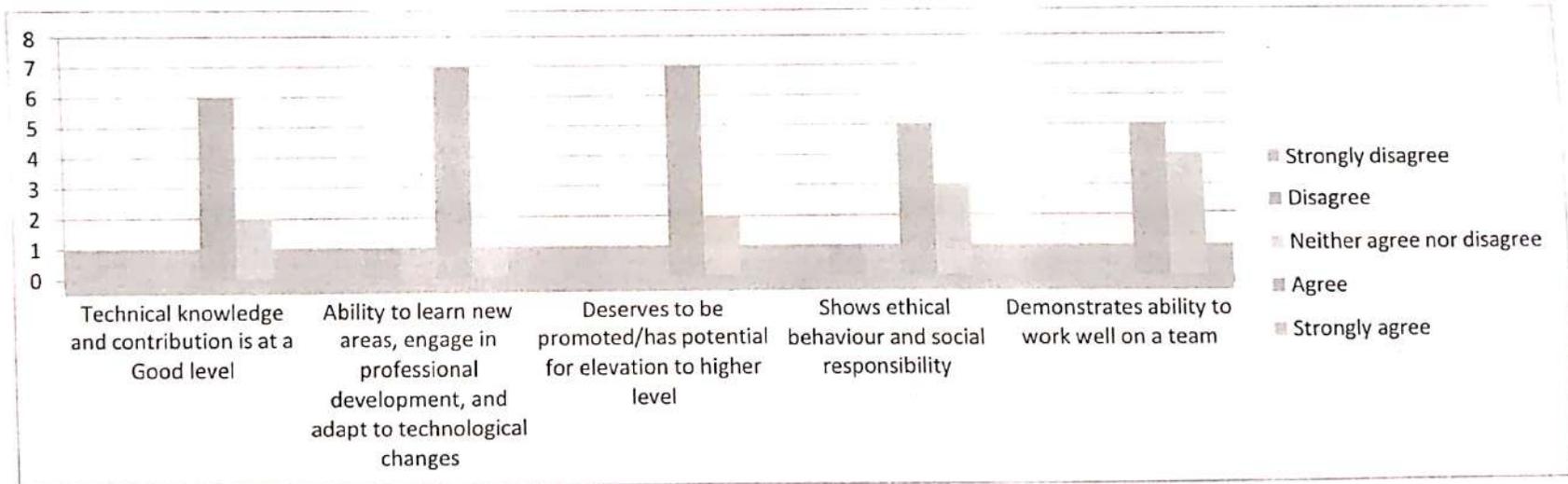
Shrivastava				
5.	Indraneel Nandi	KBR technology	indraneel.nandi@gmail.com	9911345984
6.	Radhika Paliwal	Streamingo.ai	paliwalradhika162@gmail.com	8963914208
7.	Soniya Markam	CSIR-NML jamshedpur	Soniyamarkam397@gmail.com	9425993239
8.	Akshar Pandey	SRF Ltd	aksharpandey88@gmail.com	7814687561
9.	Lokesh Singh kisroliya	Industry	Lokeshsinghkisroliya@gmail.com	7987484361
10.	Kunjbihari Katare	Orient cement limited	kunjkatare@yahoo.co.in	7000310430
11.	Hemang Mahajani	Accenture Solutions	Hemangmahajani09@gmail.com	9039633225
12.	Mukesh Sharma	Ginni International Limited	mukesh9867436784@gmail.com	9920750749
13.	Manish Gupta	Detox India Private Limited (Veolia Water)	Manishgptind@gmail.com	7047292846
14.	Shahid mansoori	Industry	shahidcool7786@gmail.com	7869266446
15.	Rahul Gosavi	Indian Oil Corporation Limited, Panipat Refinery	rahul_goswami5@rediffmail.com	9729397138
16.	Aditya Rao	Great Gallcon Ventures Ltd.	adityarao2575@gmail.com	8770262082
17.	Ritu Ranjan	Dishman carbogen amcis ltd	ritu.ranjan.che16@gmail.com	9304162778
18.	Gajendra Kushwah	National fertilizer limited	gd.kushwah03@gmail.com	7772954279
19.	Imrat bihuniya	-	noddy24@gmail.com	8839907713
20.	Abhishek Gupta	Ion Exchange	abhishek40122@gmail.com	9630882244
21.	Shivangi Sharma	Jiwaji university	shivangi887@gmail.com	8370039690
22.	Tushar Maheshwari	BORL	tshrmaheshwari@gmail.com	8109692396
23.	Himanshu Jain	LUPIN limited	himanshujain046@gmail.com	9770261004

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Employer Feedback

S. No.	Comments	Action Taken
1.	The courses offered are only relevant up to a certain level there should be a proper commencement of newly technologies introduced in the industries	New Technology and Industry related course already offered in flexible curriculum.
2.	Need some courses on finance as well. Data science is an emerging field an exposure of that will be beneficial.	Regarding this Provision is there in open category courses.

EMPLOYER SATISFACTION SURVEY: (2020-2021): Sample Size: 09

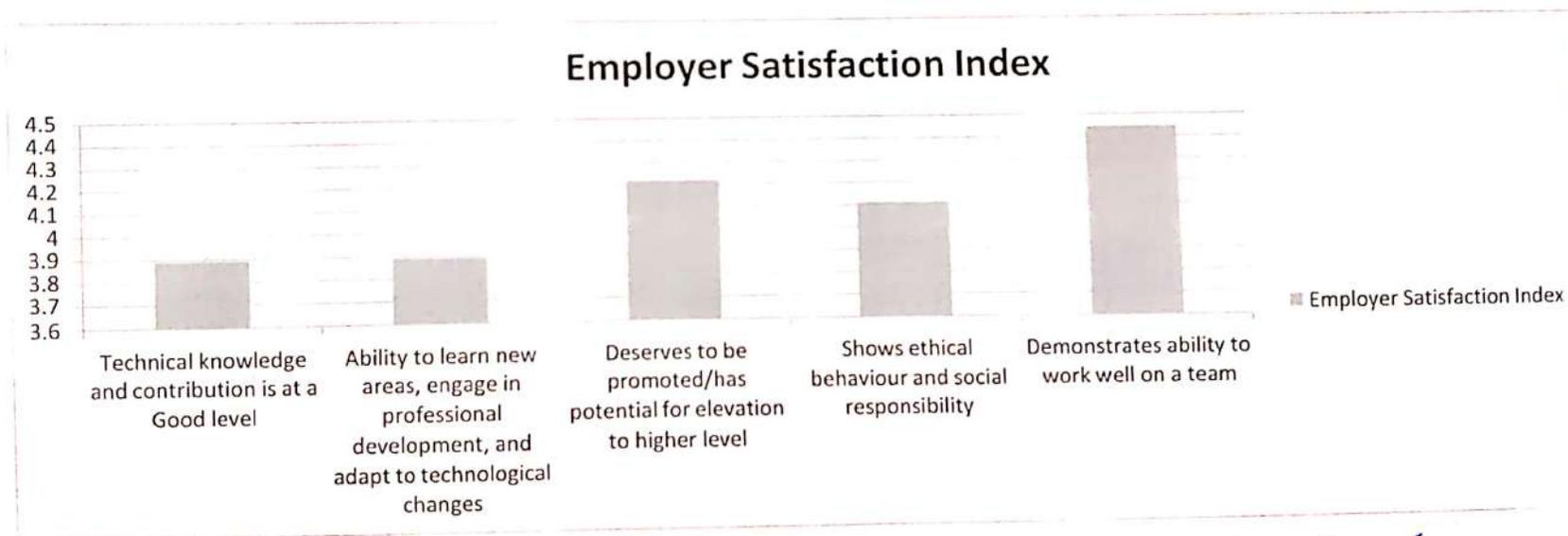


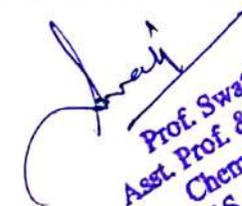

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SUMMARY SHEET (Employer Satisfaction Survey) Sample Size: 09

Parameter (Average grading)	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Employer Satisfaction Index
Technical knowledge and contribution is at a Good level	1	0	0	6	2	3.89
Ability to learn new areas, engage in professional development, and adapt to technological changes	0	1	0	7	1	3.89
Deserves to be promoted/has potential for elevation to higher level	0	0	0	7	2	4.22
Shows ethical behaviour and social responsibility	0	1	0	5	3	4.11
Demonstrates ability to work well on a team	0	0	0	5	4	4.44

Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)




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Department of Chemical Engineering Feedback Analysis & Action Taken Report

ITEM NO. 21	Feedback	Feedback Comments	Feedback Action Taken
To review curricula feedback from various stakeholders, its analysis and impact	Students Feedback	<ul style="list-style-type: none"> The curriculum is up to date The portion of petrochemical Industries in the course Organic Process Technology (170312) should be updated. Petroleum or petro based courses should be provided in Honours. Courses on Green energy & hydro power should be provided in Minor Specialization Course on Bio fuel should be available as option in the pool of Open Electives 	<ul style="list-style-type: none"> Scope of improvement is being explored Matter will be discussed with BoS experts. Availability of such courses will be explored in SWAYAM/NPTEL list of courses Same will be put up before concerned authorities Same will be put up before concerned authorities
	Faculty Feedback	<ul style="list-style-type: none"> Adequate Books are not available for the elective course on Petrochemical Technology (170714) 	<ul style="list-style-type: none"> The Library officer will be informed about the situation
	Parents Feedback	<ul style="list-style-type: none"> Practical is more important than theory so I request to college authorities make at least one industrial visit in a month 	<ul style="list-style-type: none"> It will be taken care off from the next semester
	Alumni Feedback	<ul style="list-style-type: none"> Revision of syllabus is required Need to particularly focus on practical application rather than teaching theories. Availability of Books in Library Department should have a regular industrial visits. 	<ul style="list-style-type: none"> Already discussed and changed in BoS accordingly All the faculty members have been instructed to discuss the theory with some practical applications in their respective courses.

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			<ul style="list-style-type: none">• The Library officer has been informed about the situation and also shared the list of Books.• Department is exploring opportunity related to conduction of industrial visit.
	Employer Feedback	<ul style="list-style-type: none">• The courses offered are only relevant up to a certain level there should be a proper commencement of newly technologies introduced in the industries• Need some courses on finance as well. Data science is an emerging field an exposure of that will be beneficial.	<ul style="list-style-type: none">• New Technology and Industry related course already offered in flexible curriculum.• Regarding this Provision is there in open category courses.


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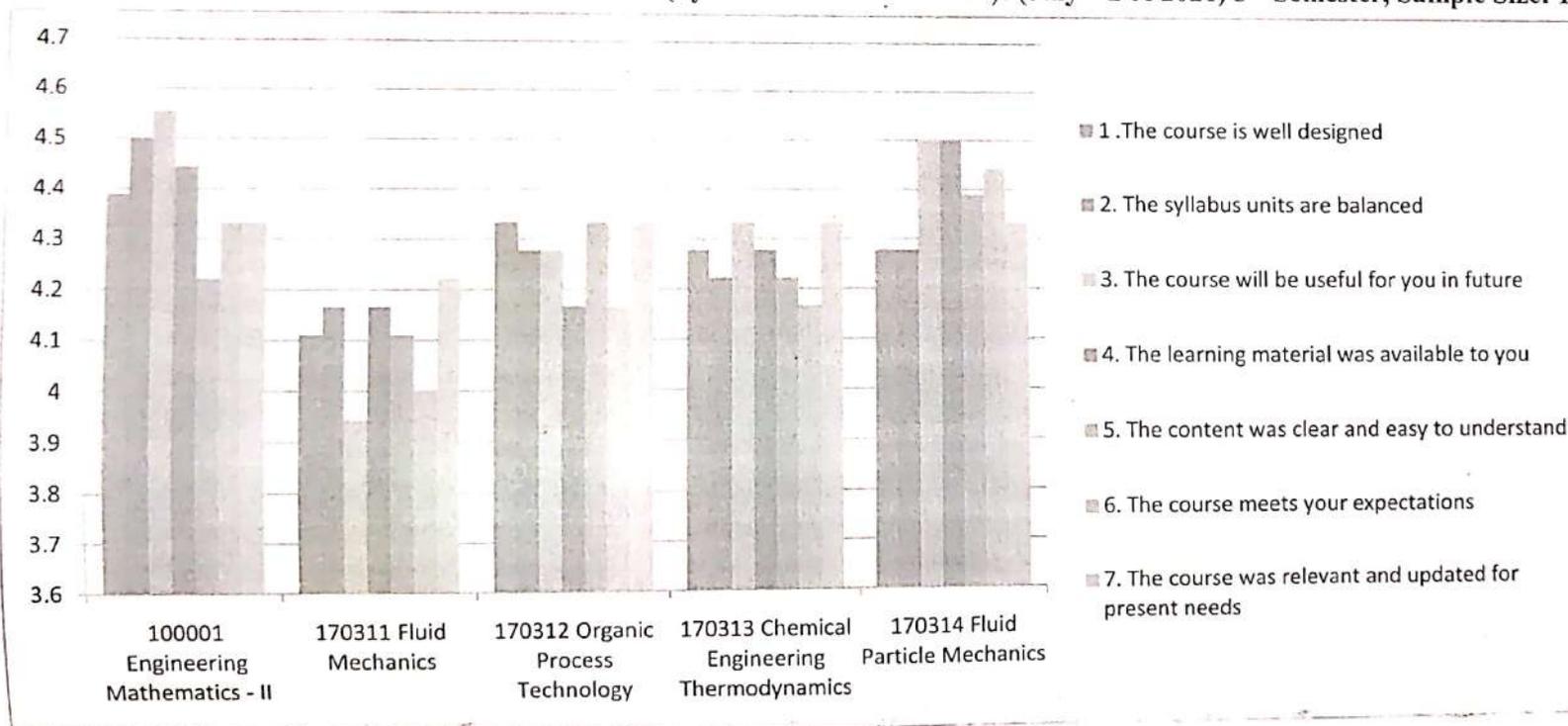
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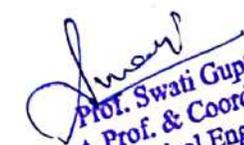
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Students Feedback on Course Curriculum

S. No.	Comments	Action Taken
1.	<ul style="list-style-type: none"> • The curriculum is up to date • The portion of petrochemical Industries in the course Organic Process Technology (170312) should be updated. • Petroleum or petro based courses should be provided in Honours. • Courses on Green energy & hydro power should be provided in Minor Specialization • Course on Bio fuel should be available as option in the pool of Open Electives 	<ul style="list-style-type: none"> • Scope of improvement is being explored • Matter will be discussed with BoS experts. • Availability of such courses will be explored in SWAYAM/NPTEL list of courses • Same will be put up before concerned authorities • Same will be put up before concerned authorities

Course Curriculum Feedback (by students on MOODLE): (July – Dec 2021) 3rd Semester, Sample Size: 18




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SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 3rd Semester, Sample Size: 18

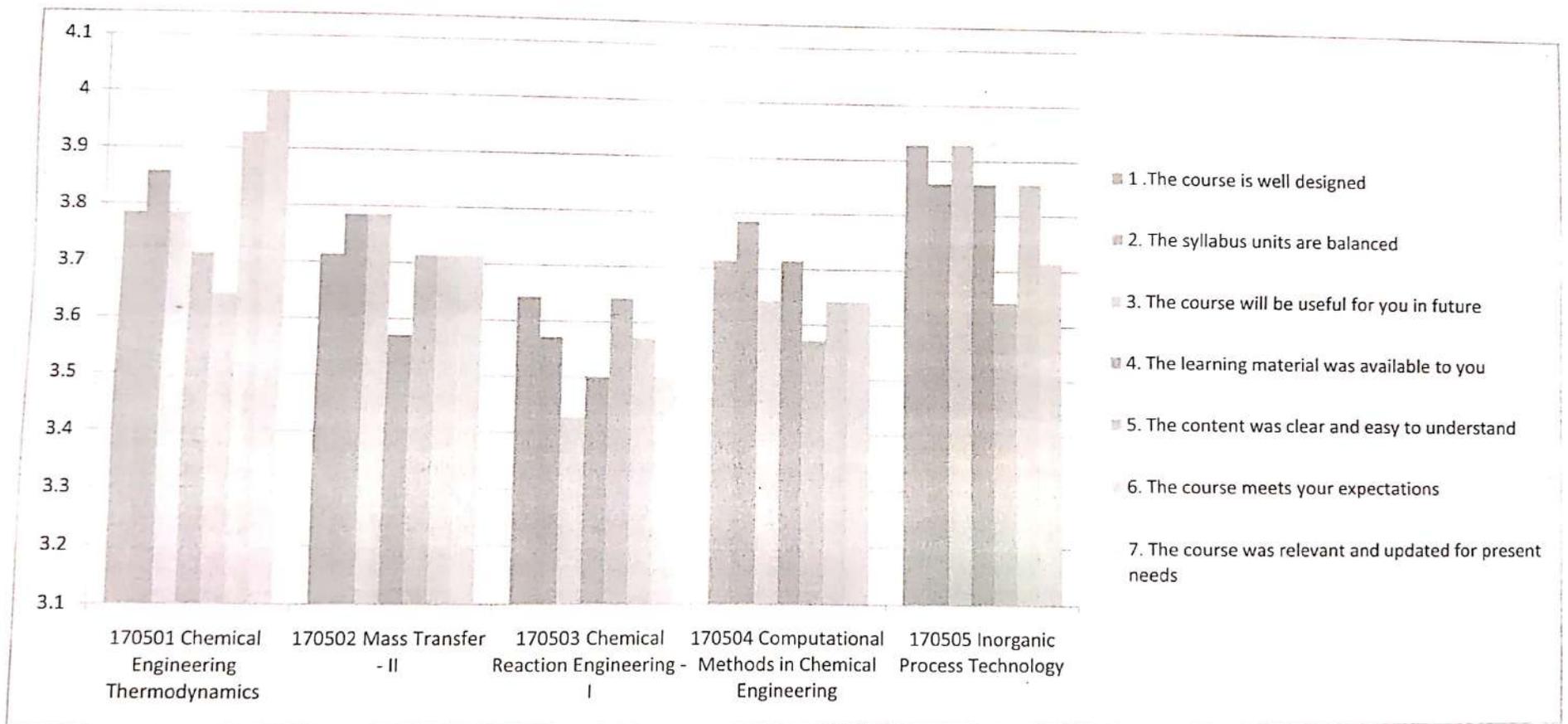
Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
100001 Engineering Mathematics - II	4.38888889	4.5	4.55555556	4.44444444	4.22222222	4.33333333	4.33333333	4.4
170311 Fluid Mechanics	4.11111111	4.16666667	3.94444444	4.16666667	4.11111111	4	4.22222222	4.1
170312 Organic Process Technology	4.33333333	4.27777778	4.27777778	4.16666667	4.33333333	4.16666667	4.33333333	4.27
170313 Chemical Engineering Thermodynamics	4.27777778	4.22222222	4.33333333	4.27777778	4.22222222	4.16666667	4.33333333	4.26
170314 Fluid Particle Mechanics	4.27777778	4.27777778	4.5	4.5	4.38888889	4.44444444	4.33333333	4.39
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								

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Course Curriculum Feedback (by students on MOODLE): (Jul – Dec 2021) 5th Semester, Sample Size: 14



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SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 5th Semester, Sample Size: 14

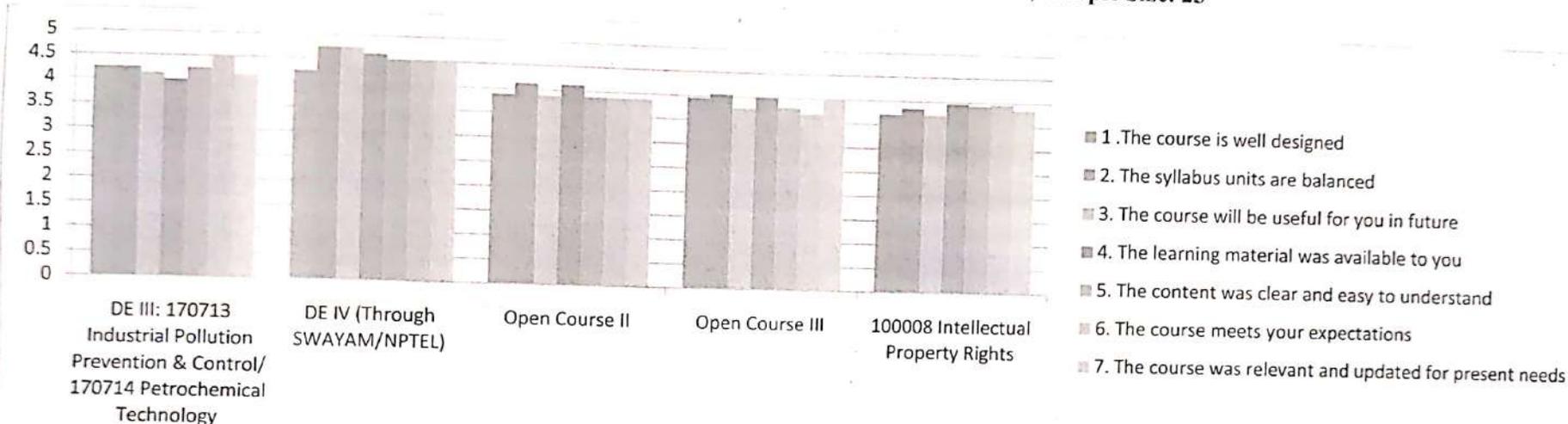
Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
170501 Chemical Engineering Thermodynamics	3.785714286	3.857142857	3.785714286	3.714285714	3.642857143	3.928571429	4	3.82
170502 Mass Transfer - II	3.714285714	3.785714286	3.785714286	3.571428571	3.714285714	3.714285714	3.714285714	3.71
170503 Chemical Reaction Engineering - I	3.642857143	3.571428571	3.428571429	3.5	3.642857143	3.571428571	3.5	3.55
170504 Computational Methods in Chemical Engineering	3.714285714	3.785714286	3.642857143	3.714285714	3.571428571	3.642857143	3.642857143	3.67
170505 Inorganic Process Technology	3.928571429	3.857142857	3.928571429	3.857142857	3.642857143	3.857142857	3.714285714	3.83
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								


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Course Curriculum Feedback (by students on MOODLE): (Jul – Dec 2021) 7th Semester, Sample Size: 25



SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 7th Semester, Sample Size: 25

Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
DE III: 170713 Industrial Pollution Prevention & Control/ 170714 Petrochemical Technology	4.25	4.25	4.125	4	4.25	4.5	4.125	4.21
DE IV (Through SWAYAM/NPTEL)	4.25	4.75	4.75	4.625	4.5	4.5	4.5	4.55
Open Course II	3.88	4.12	3.88	4.12	3.88	3.88	3.88	3.95
Open Course III	3.96	4.04	3.76	4	3.8	3.68	4	3.89
100008 Intellectual Property Rights	3.72	3.84	3.72	3.96	3.92	3.96	3.84	3.85

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)

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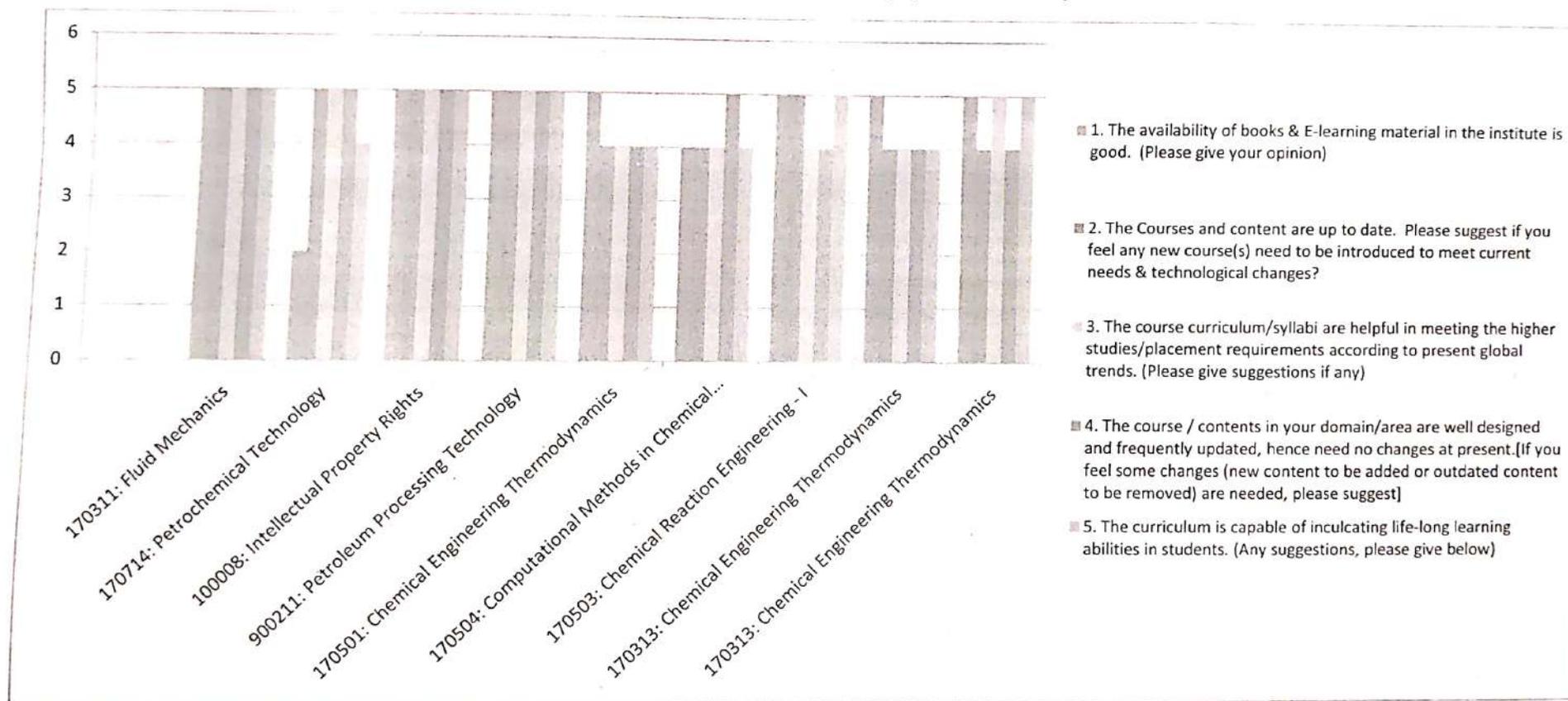
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Faculty Feedback on Course Curriculum

S. No.	Comments	Action Taken
1.	<ul style="list-style-type: none"> Adequate Books are not available for the elective course on Petrochemical Technology (170714) 	<ul style="list-style-type: none"> The Library officer will be informed about the situation

TEACHERS' COURSE CURRICULUM FEEDBACK (by teacher on MOODLE): (Jul – Dec 2021)




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SUMMARY SHEET (Teachers Course Curriculum Feedback by Teacher on MOODLE)

Parameter (Average Grading)	1. The availability of books & E-learning material in the institute is good.	2. The Courses and content are up to date.	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	5. The curriculum is capable of inculcating life-long learning abilities in students.
170311: Fluid Mechanics	5	5	5	5	5
170714: Petrochemical Technology	2	5	5	5	4
100008: Intellectual Property Rights	5	5	5	5	5
900211: Petroleum Processing Technology	5	5	5	5	5
170501: Chemical Engineering Thermodynamics	5	4	4	4	4
170504: Computational Methods in Chemical Engineering	4	4	4	5	4
170505: Chemical Reaction Engineering - I	5	5	4	4	5
170313: Chemical Engineering Thermodynamics	5	4	4	4	4
170313: Chemical Engineering Thermodynamics	5	4	5	4	5
TSI	4.555555556	4.555555556	4.555555556	4.555555556	4.555555556
Teacher Course Satisfaction Index (TSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)					

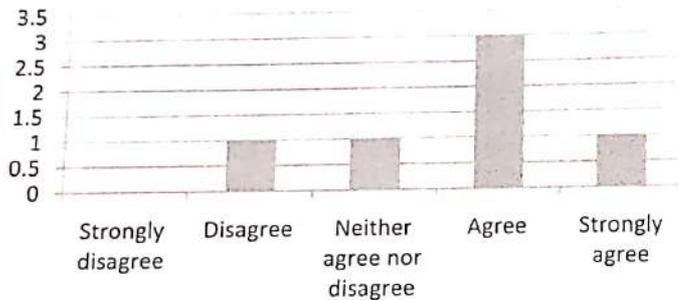

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Parent Feedback

S. No.	Comments	Action Taken
1.	<ul style="list-style-type: none"> Practical is more important than theory so I request to college authorities make at least one industrial visit in a month 	<ul style="list-style-type: none"> It will be taken care off from the next semester

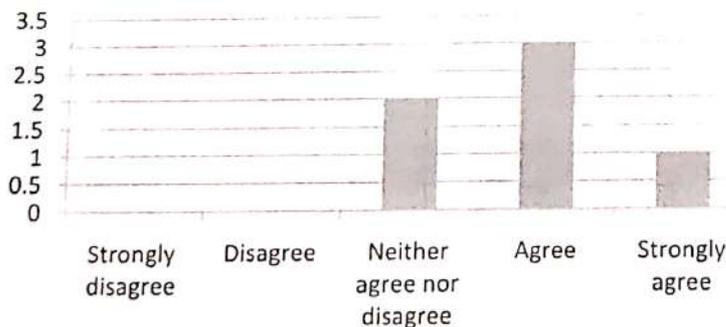
Parent Satisfaction Survey 2nd year 2021 – 22) Sample Size: 06

(Q1) How do you rate the programme in terms of the load of the courses in different semesters?



■ (Q1) How do you rate the programme in terms of the load of the courses in different semesters?

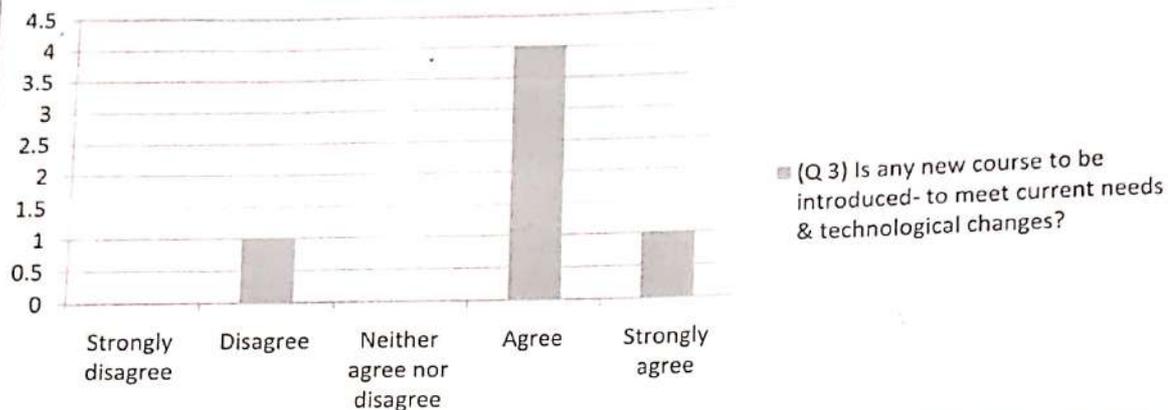
(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?



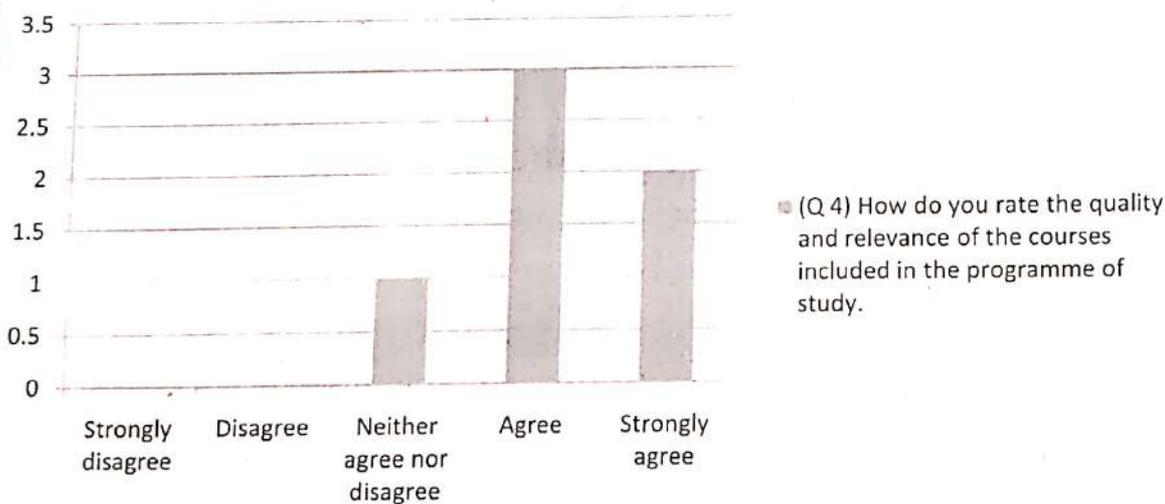
■ (Q 2) How do you rate the availability of books & E-learning material in the institute library / website?

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(Q 3) Is any new course to be introduced- to meet current needs & technological changes?



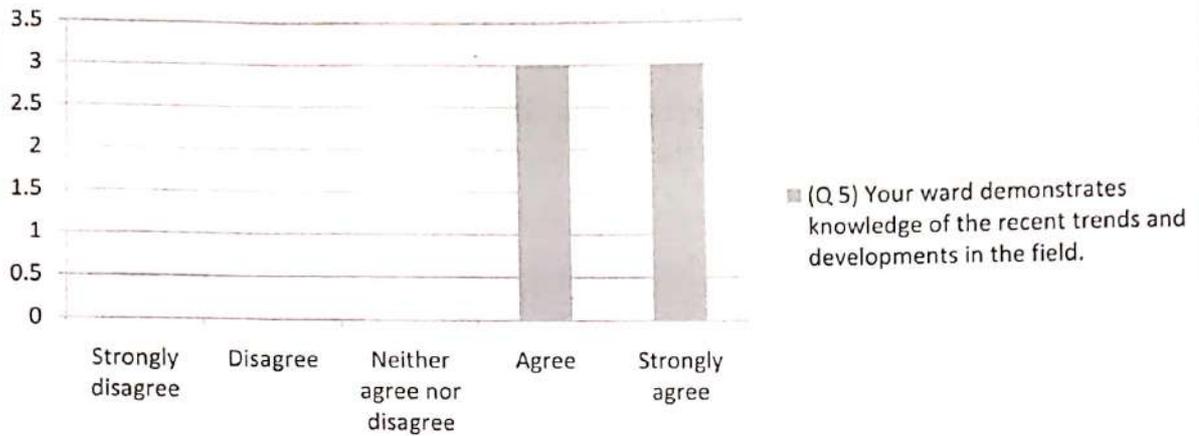
(Q 4) How do you rate the quality and relevance of the courses included in the programme of study.



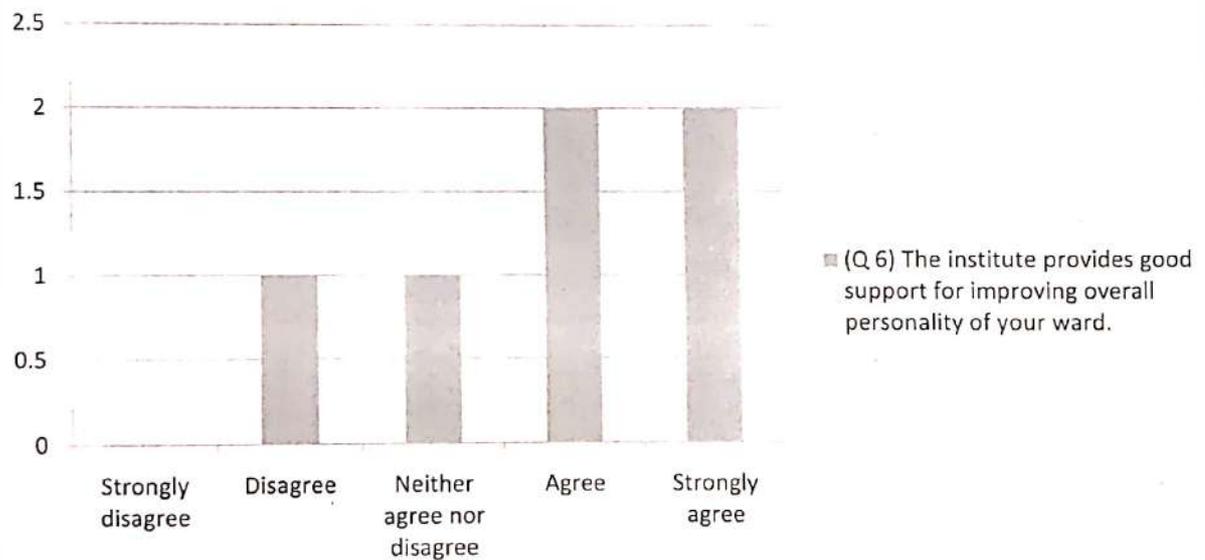
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(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.

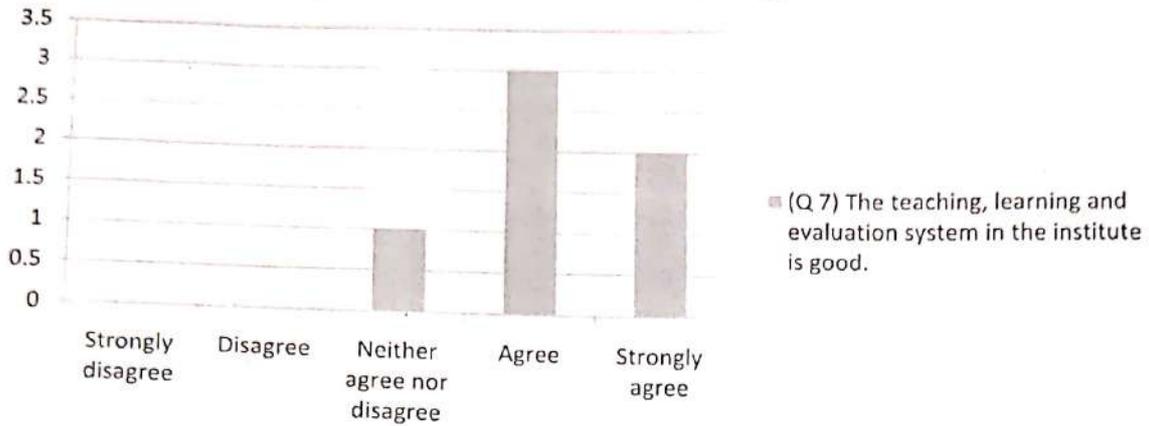


(Q 6) The institute provides good support for improving overall personality of your ward.

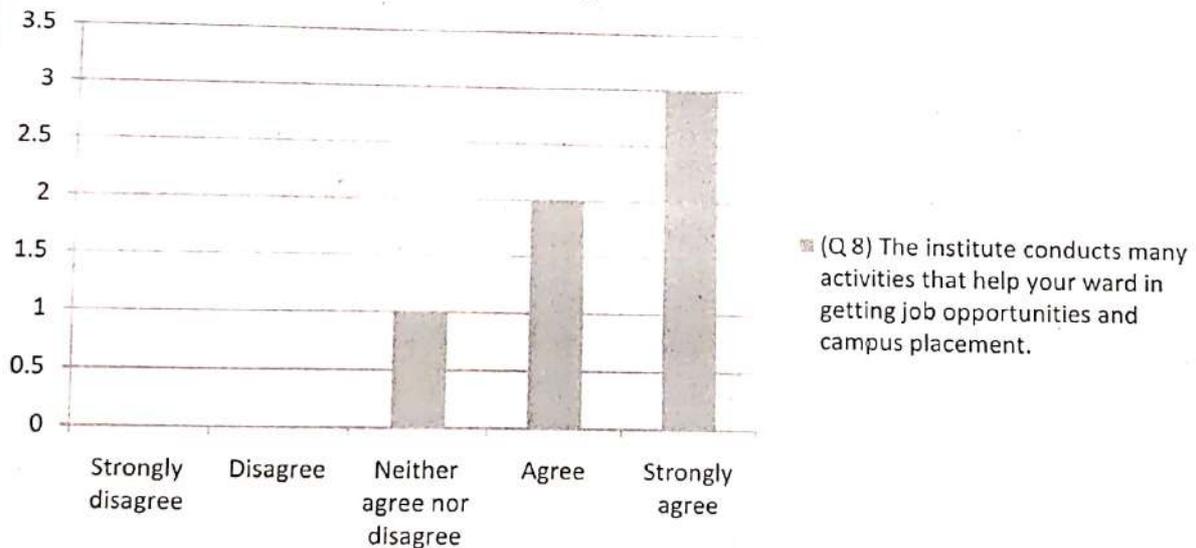


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(Q 7) The teaching, learning and evaluation system in the institute is good.

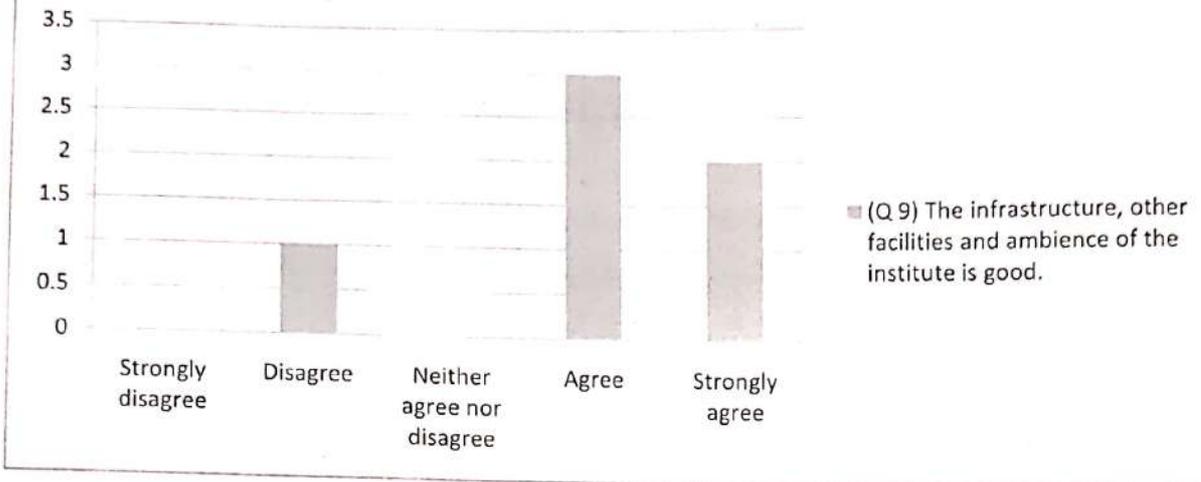


(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.

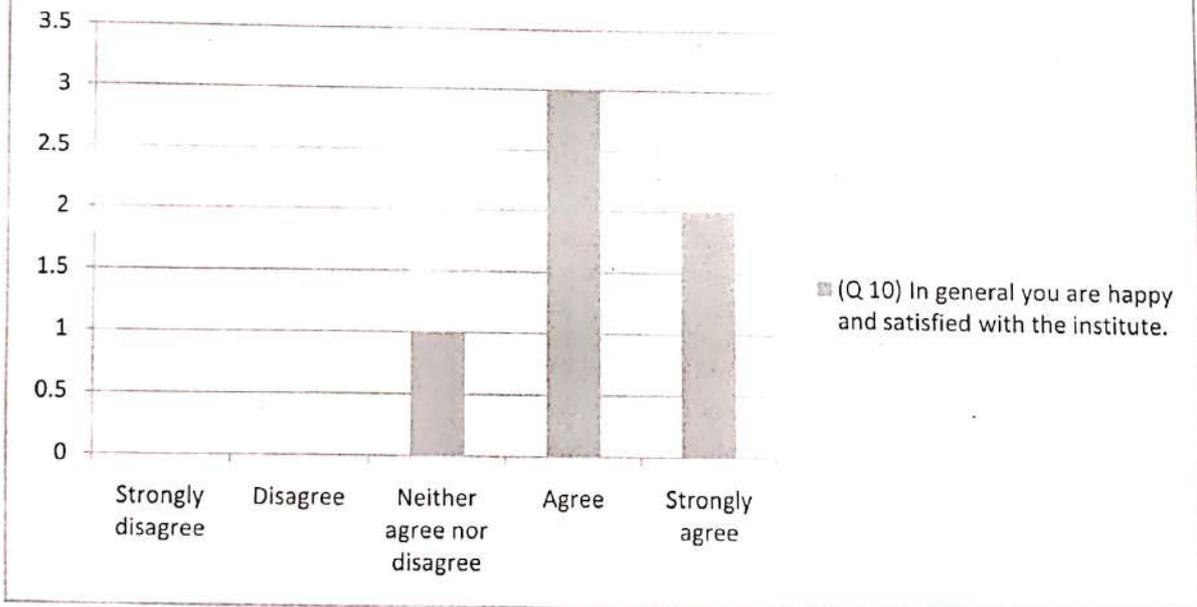



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**(Q 9) The infrastructure, other facilities and
ambience of the institute is good.**



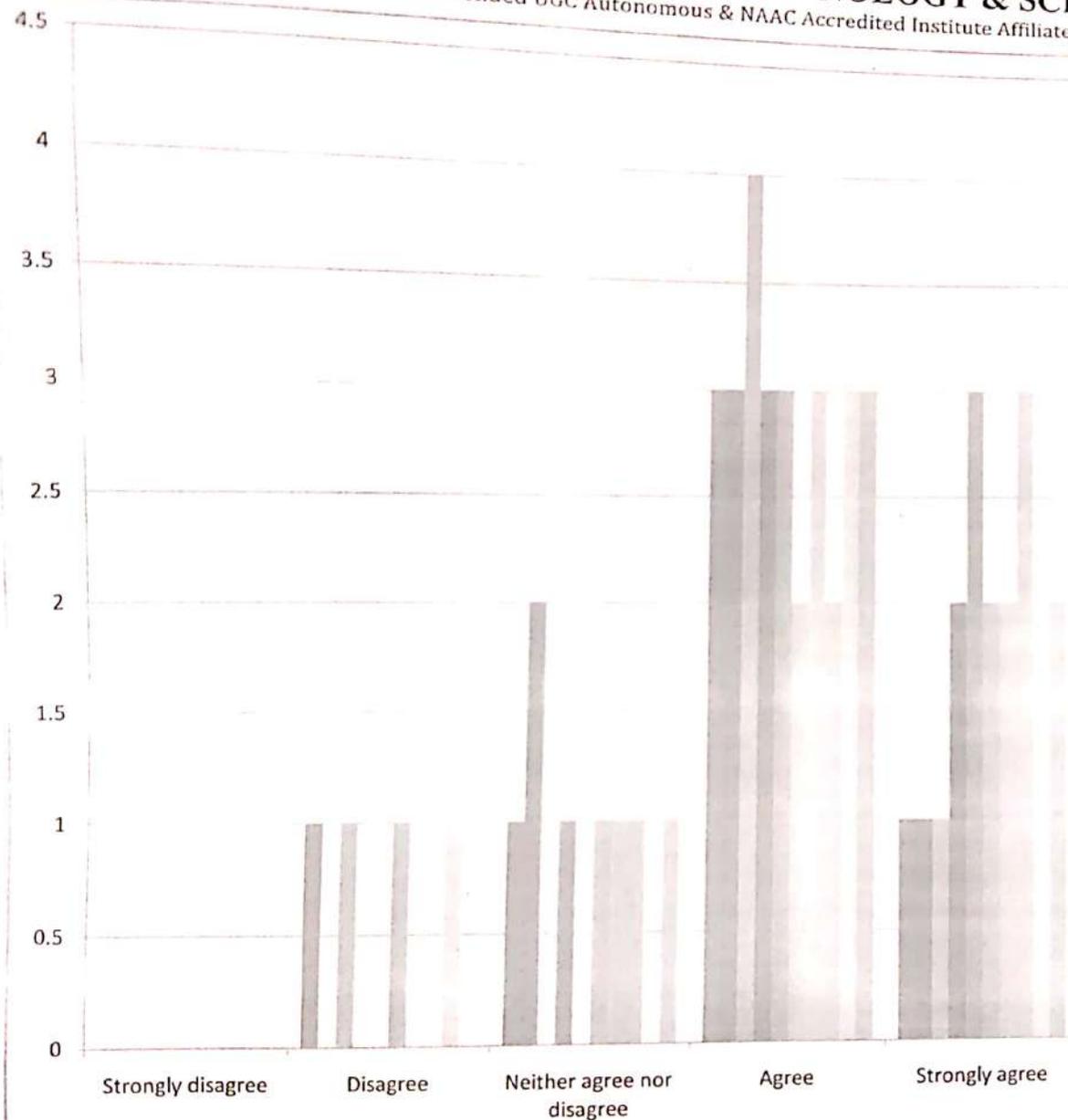
**(Q 10) In general you are happy and satisfied
with the institute.**



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■ (Q1) How do you rate the programme in terms of the load of the courses in different semesters?

■ (Q 2) How do you rate the availability of books & E-learning material in the institute library / website?

■ (Q 3) Is any new course to be introduced- to meet current needs & technological changes?

■ (Q 4) How do you rate the quality and relevance of the courses included in the programme of study.

■ (Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.

■ (Q 6) The institute provides good support for improving overall personality of your ward.

(Q 7) The teaching, learning and evaluation system in the institute is good.

■ (Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.

(Q 9) The infrastructure, other facilities and ambience of the institute is good.

■ (Q 10) In general you are happy and satisfied with the institute.

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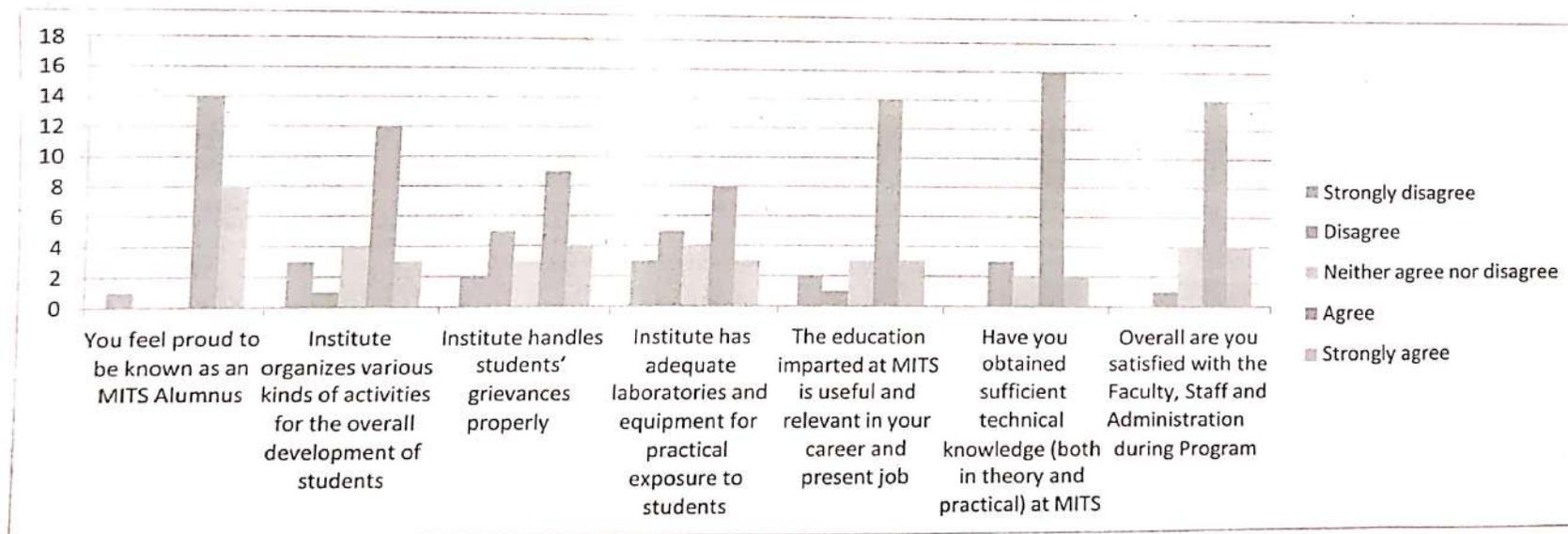
Summary Sheet Parent Satisfaction survey 2nd year (2021 – 22) Sample Size: 06

	(Q1) How do you rate the programme in terms of the load of the courses in different semesters?	(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?	(Q 3) Is any new course to be introduced- to meet current needs & technological changes?	(Q 4) How do you rate the quality and relevance of the courses included in the programme of study?	(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.	(Q 6) The institute provides good support for improving overall personality of your ward	(Q 7) The teaching, learning and evaluation system in the institute is good.	(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.	(Q 9) The infrastructure, other facilities and ambience of the institute is good.	(Q 10) In general you are happy and satisfied with the institute.
Strongly disagree	0	0	0	0	0	0	0	0	0	0
Disagree	1	0	1	0	0	1	0	0	1	0
Neither agree nor disagree	1	2	0	1	0	1	1	1	0	1
Agree	3	3	4	3	3	2	3	2	3	3
Strongly agree	1	1	1	2	3	2	2	3	2	2
Parent Satisfaction Index (PSI)	3.666666667	3.833333333	3.833333333	4.166666667	4.5	3.833333333	4.166666667	4.333333333	4	4.166666667
Parent Satisfaction Index (PSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)										


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Alumni Feedback		
S. No.	Comments	Action Taken
1	Revision of syllabus is required	Already discussed and changed in BoS accordingly
2	Need to particularly focus on practical application rather than teaching theories.	All the faculty members have been instructed to discuss the theory with some practical applications in their respective courses.
3	Availability of Books in Library	The Library officer has been informed about the situation and also shared the list of Books.
4	Department should have a regular industrial visits.	Department is exploring opportunity related to conduction of industrial visit.

ALUMNI SATISFACTION SURVEY: (2020-2021): Sample Size: 23

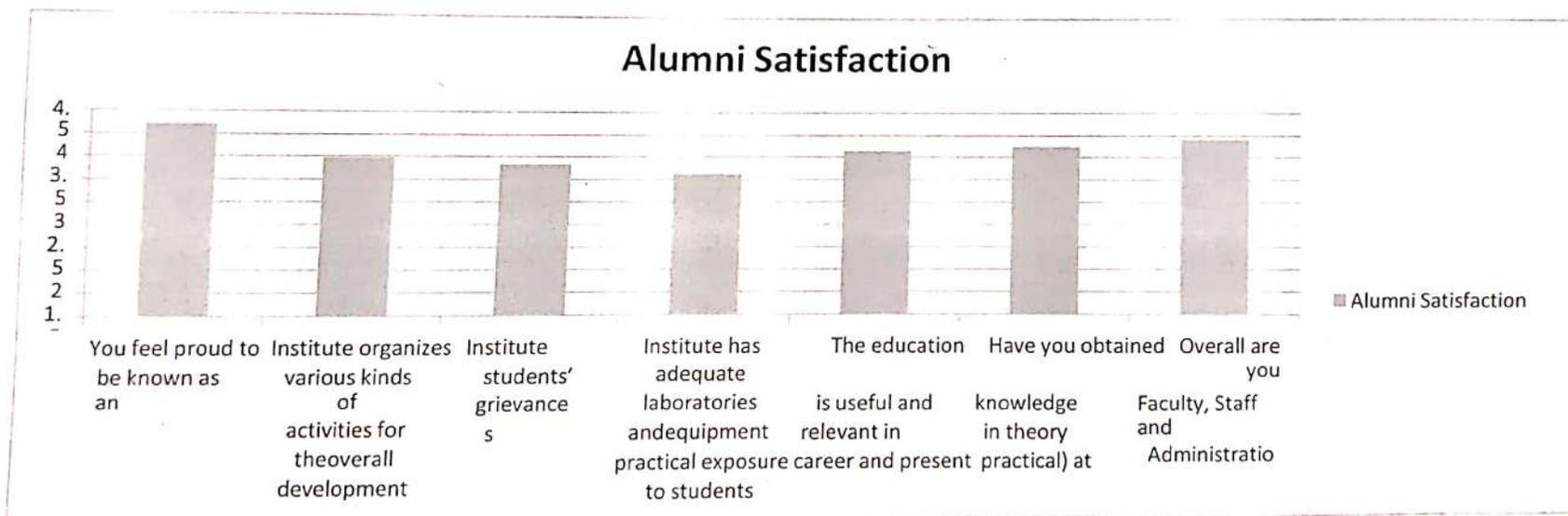



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SUMMARY SHEET (Alumni Satisfaction Survey) Sample Size: 23

Parameter (Average grading)	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Alumni Satisfaction Index
You feel proud to be known as an MITS Alumnus	1	0	0	14	8	4.22
Institute organizes various kinds of activities for the overall development of students	3	1	4	12	3	3.48
Institute handles students' grievances properly	2	5	3	9	4	3.35
Institute has adequate laboratories and equipment for practical exposure to students	3	5	4	8	3	3.13
The education imparted at MITS is useful and relevant in your career and present job	2	1	3	14	3	3.65
Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	3	2	16	2	3.74
Overall are you satisfied with the Faculty, Staff and Administration during Program	0	1	4	14	4	3.91

Alumni Satisfaction Index (ASI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)



Details of Alumni who gave Feedback

S. No.	Name	Organization	Mail id	Phone No.
1.	Udit Singh Rajput	Pulsus Healthcare Pvt. Ltd.	rajputudit25sep@gmail.com	7999886247
2.	Kakul Joshi	DCM Shriram Rayons	skakul374@gmail.com	8109860434
3.	Vivek Singh	Lupin Limited	Vivek.singh0797@gmail.com	8153043120
4.	Sourabh Kumar	GACL-NALCO Alkalies And Chemicals	subh.mits88@gmail.com	-


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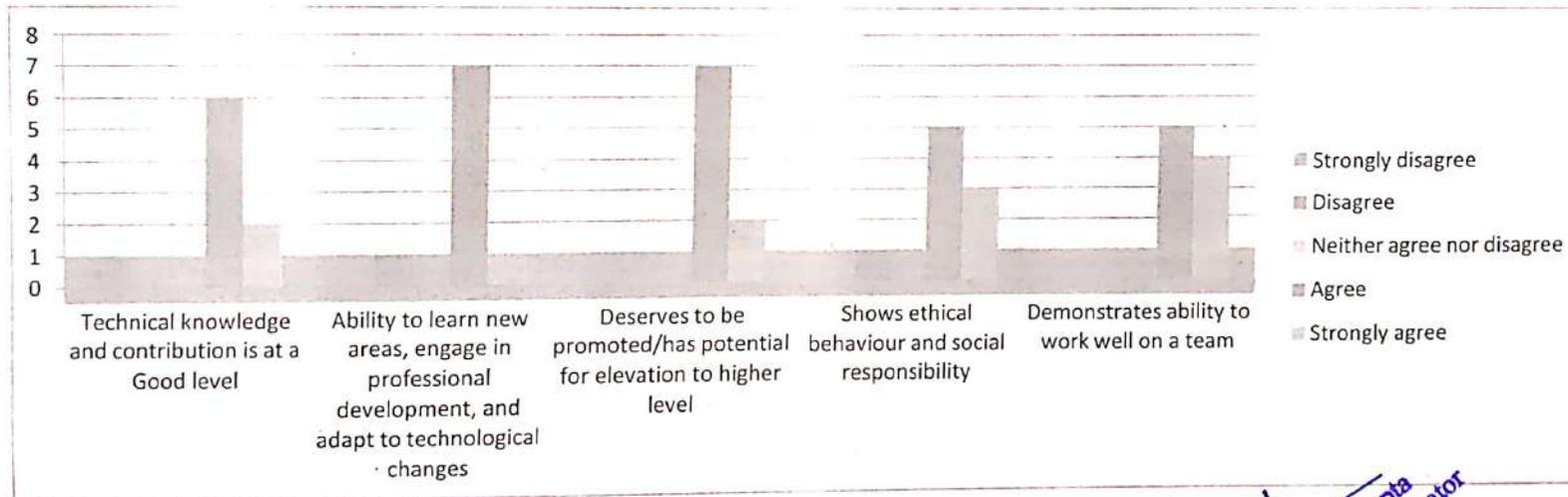
	Shrivastava			
5.	Indraneel Nandi	KBR technology	indraneel.nandi@gmail.com	9911345984
6.	Radhika Paliwal	Streamingo.ai	paliwalradhika162@gmail.com	8963914208
7.	Soniya Markam	CSIR-NML jamshedpur	Soniyamarkam397@gmail.com	9425993239
8.	Akshar Pandey	SRF Ltd	aksharpandey88@gmail.com	7814687561
9.	Lokesh Singh kisroliya	Industry	Lokeshsinghkisroliya@gmail.com	7987484361
10.	Kunjbihari Katare	Orient cement limited	kunjkatare@yahoo.co.in	7000310430
11.	Hemang Mahajani	Accenture Solutions	Hemangmahajani09@gmail.com	9039633225
12.	Mukesh Sharma	Ginni International Limited	mukesh9867436784@gmail.com	9920750749
13.	Manish Gupta	Detox India Private Limited (Veolia Water)	Manishgptind@gmail.com	7047292846
14.	Shahid mansoori	Industry	shahidcool7786@gmail.com	7869266446
15.	Rahul Gosavi	Indian Oil Corporation Limited, Panipat Refinery	rahul_goswami5@rediffmail.com	9729397138
16.	Aditya Rao	Great Gallcon Ventures Ltd.	adityarao2575@gmail.com	8770262082
17.	Ritu Ranjan	Dishman carbogen amcis Ltd	ritu.ranjan.che16@gmail.com	9304162778
18.	Gajendra Kushwah	National fertilizer limited	gd.kushwah03@gmail.com	7772954279
19.	Imrat bhuniya	-	noddy24@gmail.com	8839907713
20.	Abhishek Gupta	Ion Exchange	abhishek40122@gmail.com	9630882244
21.	Shivangi Sharma	Jiwaji university	shivangi887@gmail.com	8370039690
22.	Tushar Maheshwari	BORL	tshrmaheshwari@gmail.com	8109692396
23.	Himanshu Jain	LUPIN limited	himanshujain046@gmail.com	9770261004

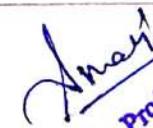

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Employer Feedback

S. No.	Comments	Action Taken
1.	The courses offered are only relevant up to a certain level there should be a proper commencement of newly technologies introduced in the industries	New Technology and Industry related course already offered in flexible curriculum.
2.	Need some courses on finance as well. Data science is an emerging field an exposure of that will be beneficial.	Regarding this Provision is there in open category courses.

EMPLOYER SATISFACTION SURVEY: (2020-2021): Sample Size: 09

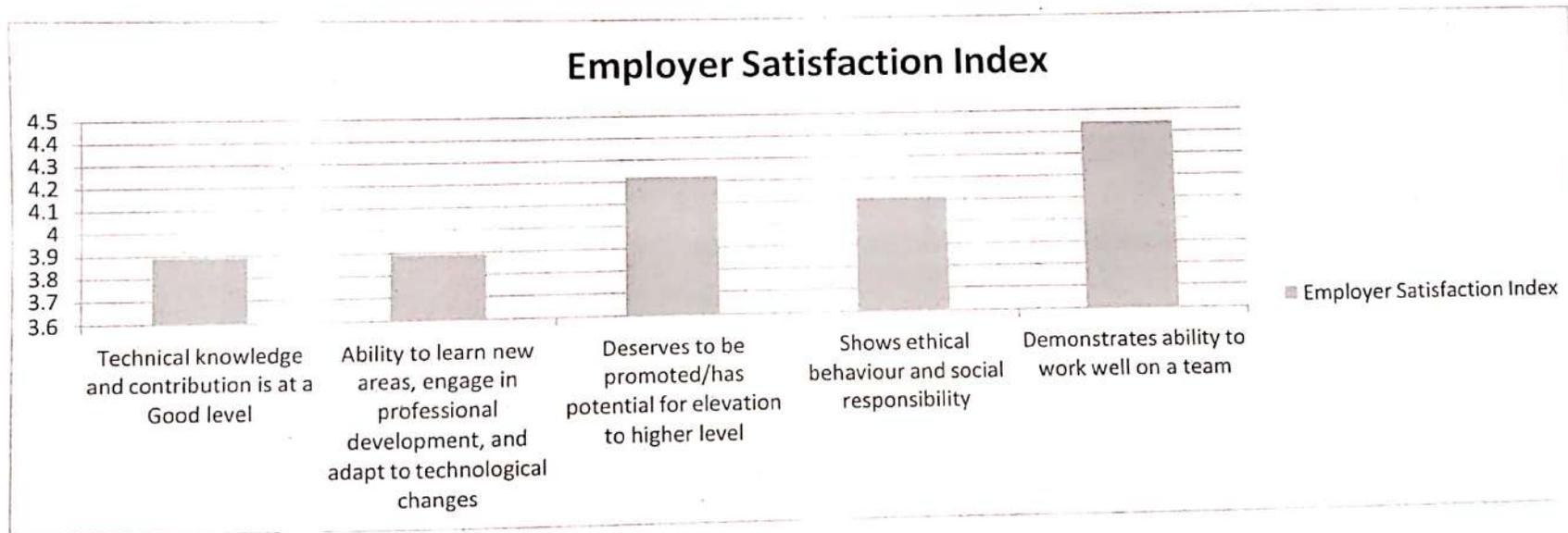



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SUMMARY SHEET (Employer Satisfaction Survey) Sample Size: 09

Parameter (Average grading)	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Employer Satisfaction Index
Technical knowledge and contribution is at a Good level	1	0	0	6	2	3.89
Ability to learn new areas, engage in professional development, and adapt to technological changes	0	1	0	7	1	3.89
Deserves to be promoted/has potential for elevation to higher level	0	0	0	7	2	4.22
Shows ethical behaviour and social responsibility	0	1	0	5	3	4.11
Demonstrates ability to work well on a team	0	0	0	5	4	4.44

Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)




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Department of Chemical Engineering

Feedback Analysis & Action Taken Report

ITEM NO. 21	Feedback	Feedback Comments	Feedback Action Taken
To review curricula feedback from various stakeholders, its analysis and impact	Students Feedback	<ul style="list-style-type: none"> The curriculum is up to date The syllabus of process equipment design (170611) is very complex, therefore, it should be revised. Petroleum or petro based courses should be provided in Honors. Courses on Green energy & hydro power should be provided in Minor Specialization Course on Bio fuel should be available as option in the pool of Open Electives 	<ul style="list-style-type: none"> Scope of improvement is being explored Matter will be discussed with BOS experts. Availability of such courses will be explored in SWAYAM/NPTEL list of courses Same will be put up before concerned authorities Same will be put up before concerned authorities
	Faculty Feedback	<ul style="list-style-type: none"> Adequate Books are not available for the open course on Fuel & Combustion (900109) 	<ul style="list-style-type: none"> The Library officer will be informed about the situation
	Parents Feedback	<ul style="list-style-type: none"> Practical is more important than theory so I request to college authorities make at least one industrial visit in a month. Include the job oriented course Create more Job opportunity after completion of degree 	<ul style="list-style-type: none"> It will be taken care off from the next semester Matter will be discussed with BOS experts. Training and placement officer is working on this matter.

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	<p>Alumni Feedback</p>	<ul style="list-style-type: none"> • Revision of syllabus is required time to time • More emphasis should be given on practical application than theory. • Availability of few books in Library • Industrial visit and project may be included in course curriculum. 	<ul style="list-style-type: none"> • Already discussed and changed in BoS accordingly • All the faculty members have been instructed to discuss the theory with some practical applications in their respective courses. • The Library officer has been informed about the situation and shared the list of Books. • Department is exploring opportunity related to conduction of industrial visit. Most of the Students are doing their major project in Industry.
	<p>Employer Feedback</p>	<ul style="list-style-type: none"> • The courses offered are only relevant up to a certain level there should be a proper commencement of newly technologies introduced in the industries • Need to knowledge of some courses on finance and project management as well. 	<ul style="list-style-type: none"> • New Technology and Industry related course already offered in flexible curriculum. • Regarding this Provision is there in open category courses and mandatory audit course.


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Students Feedback on Course Curriculum

S. No.	Comments	Action Taken
1.	<ul style="list-style-type: none">• The curriculum is up to date• The syllabus of process equipment design (170611) is very complex, therefore, it should be revised.• Petroleum or petro based courses should be provided in Honors.• Courses on Green energy & hydro power should be provided in Minor Specialization• Course on Bio fuel should be available as option in the pool of Open Electives	<ul style="list-style-type: none">• Scope of improvement is being explored• Matter will be discussed with BOS experts.• Availability of such courses will be explored in SWAYAM/NPTEL list of courses• Same will be put up before concerned authorities• Same will be put up before concerned authorities


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Department of Computer Science and Engineering

Feedback Analysis (Jan. - June 2022)

Overall Student Curriculum Feedback Analysis - CSE 4th Semester
Additional Suggestion by students and Action Taken Report

S. No.	Course name and code	Additional Comments by students							Action Taken
		Details of the course / contents which in the student's opinion are outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?	Suggestion for Honours:	Suggestion for Minor specialization:	Suggestion for Departmental electives:	Suggestion for Open electives:	
1	Computer Networks (150411)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Respective course instructor was requested to provide additional study material to the students.
2	Database Management System (150412)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	The syllabus will be discussed in the upcoming BoS meeting for creating a balanced course content. Respective course instructor was requested to take additional classes to clarify the course content and shared study material.
3	Software Engineering (150413)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	All the responses are Satisfactory.
4	Theory of Computation (150414)	Nil	Nil	Nil	Cloud computing; Big Data Computing	Artificial Intelligence: Search Methods for Problem solving	Data Science for Engineers	Computational Number Theory and Algebra	Respective course instructor was requested to share the study material prior to scheduled class. The course is referred for upcoming BoS meeting for updates.

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Department of Computer Science and Engineering

Feedback Analysis (Jan. - June 2022)

Overall Student Curriculum Feedback Analysis - CSE 6th Semester
Additional Suggestion by students and Action Taken Report

S. No.	Course name and code	Additional Comments by students							Action Taken
		Details of the course / contents which in the student's opinion are outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?	Suggestion for Honours:	Suggestion for Minor specialization:	Suggestion for Departmental electives:	Suggestion for Open electives:	
1	Compiler Design (150601)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Respective course instructor was requested to share the study material prior to scheduled class. The course is referred for upcoming BoS meeting for updates, as per the suggestions of students.
2	Computer Networks (150602)	Nil	WAP	Nil	IoT	Nil	Nil	Nil	All the responses are Satisfactory.
3	Network & Web Security (150611)	Nil	End to End Encryption	Yes, modern cryptographic algorithms in optional mode. Hacking and cyber security	Arts and humanities subjects like history; Blockchain; IoT	Finance; Electrical	Web 3.0	Data Analytics and SQL.	Syllabus will be discussed in the upcoming BoS meeting for the updates suggested by the students. The suggestive list of Honour, Minor and elective courses will be forwarded and presented in upcoming BoS for necessary actions.
4	Mobile Computing (150613)	Nil	Routing	Nil	Python related courses; Computer network and ip	Dbms courses	Nil	Nil	Syllabus will be discussed in the upcoming BoS meeting for the updates suggested by the students, and new routing techniques will be suggested to be incorporated in the updated syllabus.

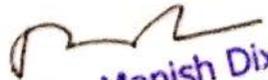
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Feedback Analysis (Jan. - June 2022)

					addressing				
5	Disaster Management (100007)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	All the responses are Satisfactory.
6	Data Structure (900106)	Nil	Nil	Nil	Nil	Software Testing, Theory of Computation, Cryptography And Network Security, Artificial Intelligence : Search Methods For Problem solving	Nil	Nil	All the responses are Satisfactory. The suggestive list for Minor specialization courses will be forwarded and presented in upcoming BoS for necessary actions.
7	Python Programming (900107)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	All the responses are Satisfactory.


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Department of Computer Science and Engineering

Feedback Analysis (Jan. - June 2022)

Action Taken Report for Faculty Curriculum Feedback

S. No.	Course Instructor with course name and code	Action Taken
1.	Dr. R.K. Gupta (Database Management System (150412))	All the responses are Satisfactory.
2.	Dr. Rajni Ranjan Singh (Computer Networks (150411))	All the responses are Satisfactory.
3.	Mr. Mir Shahnawaz Ahmad (Software Engineering (150413))	All the responses are Satisfactory.
4.	Ms. Jaimala Jha (Software Engineering (150413))	All the responses are Satisfactory.
5.	Dr. Anjula Mehto (Computer Networks (150411))	All the responses are Satisfactory.
6.	Dr. R.K. Gupta (Database Management System (150412))	All the responses are Satisfactory.
7.	Dr. Manish Dixit (Theory of Computation (150414))	All the responses are Satisfactory.
8.	Mr. Amit Manjhwari (Network & Web Security (150611))	The course content will be discussed in the upcoming BoS meeting for modifications suggested by the faculty.
9.	Dr. Ranjeet Singh (Data Structure (900106))	All the responses are Satisfactory.
10.	Mr. Mahesh Parmar (Compiler Design (150601))	All the responses are Satisfactory.
11.	Ms. Khushboo Agrawal (Computer Networks (150602))	All the responses are Satisfactory.
12.	Dr. Rajni Ranjan Singh (Computer Networks (150602))	All the responses are Satisfactory.
13.	Dr. Anjula Mehto (Mobile Computing (150613))	All the responses are Satisfactory.
14.	Ms. Khushboo Agrawal (Computer Networks (150602))	All the responses are Satisfactory.
15.	Dr. Anjula Mehto (Introduction To Internet of Things (150656))	All the responses are Satisfactory.
16.	Dr. Ranjeet Singh (Disaster Management (100007))	All the responses are Satisfactory.
17.	Dr. Kalka Dubey (Python Programming (900107))	All the responses are Satisfactory.
18.	Mr. Gautam Bhadoria (Basic Civil Engineering & Mechanics(100020))	All the responses are Satisfactory.
19.	Mr. Vishal Chaudhary(Basic Electrical and Electronics Engineering(100022))	All the responses are Satisfactory.
20.	Ms.Kratika Sharma (EEES(100005))	The course content will be discussed in the upcoming BoS meeting for modifications suggested by the faculty.
21.	Mir Shahnawaz Ahmad(Introduction to Computer Programming(230102))	All the responses are Satisfactory.
22.	Dr. Jyoti Vimal (Basic Mechanical Engineering(100021))	All the responses are Satisfactory.
23.	Ms.Jaimala Jha(Introduction to Computer Science and Design(290101))	All the responses are Satisfactory.
24.	Ms. Khushboo Agrawal(Introduction to Programming(290102))	All the responses are Satisfactory.
25.	Dr.Himmat Singh(BasicElectrical and Electronics Engineering(100022))	All the responses are Satisfactory.
26.	Dr. Divya Chaturvedi(Linear Algebra(250100))	All the responses are Satisfactory.
27.	Mr. Arun Kumar(Machine Learning using Python(620120))	All the responses are Satisfactory.
28.	Ms. Hemlata Arya(Network Security(620116))	All the responses are Satisfactory.


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Feedback Analysis (Jan. - June 2022)

29.	Mr. Mahesh Parmar(High speed Network(620113))	All the responses are Satisfactory.
30.	Mr. Amit Manjwar(Distributed Computing(620112))	The course content will be discussed in the upcoming BoS meeting for modifications suggested by the faculty.
31.	Ms. Ankita Sengar(Database system(620111))	The course content will be discussed in the upcoming BoS meeting for modifications suggested by the faculty.
Additional Comments by faculties: <ul style="list-style-type: none">• Lot of text books and e books are available.• A I and Machine learning must be emphasized.• In All competitive exams and public sector exams, TOC questions are always asked . For further studies through GATE, it is a very important subject. Students employability skills have been enhanced through flexi curriculum. NEC enhanced the confidence in the area of his interest.• There are a lot of research scholars working in the department. Some research scholars are getting fellowship under NDF scheme.• Regular workshops and training programs are organized• Yes, the institute gives all support for faculty.• Suggestions for (i) Honours, (ii) Minor specialization, (iii) Departmental electives, (iv) Open electives:• Deep Learning Robotics, Machine Learning, Image Processing		


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16/06/2022

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Feedback Analysis (Jan. - June 2022)

Suggestions given by parents for improvement

Suggestion for further improvement(if any)	Action Taken
What is the scheme related to oc i think if oc subject converted to oc student performance so much better .oc is already is a subject for other subject student how to manage other branch subject in final year its time to placement preparation or any higher study preparation so i think maximum time consumed in oc course.	It is mandatory for course curriculum scheme.
Placement training part must be focused more	Various training placement activity conducted in semester-wise
Every thing is fine	
Desire of Regular Communication to and from parents with faculty on Specified WhatsApp Group,As elsewhere	Already Whatsapp groups have been created for communication.
Account Section is not cooperative . The way they are talking is just rediculous	
Classes shall be started in the offline mode as soon as possible.	Already done
Please have colleges opened offline as soon as possible.. Corona is here to stay but the future of my child depends highly on these remaining 2 years and we want them to be as productive to him as they can be.. so sincere request for opening the college offline	
Make more competitive environment and awareness among students regarding their career needs in terms of guidance.	Various activities and workshops have been conducted in every semester.
Improving network connection and completing the syllabus on time.	Syllabus completed before teaching end

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DEPARTMENT OF CSE

Course Curriculum Feedback Analysis (July – Dec 2021)

ACTION TAKEN

Course Code	Course Name	Action taken
900209	Network Security	Syllabus New and updated topics (with higher applicability in current market/industry) should be added after thorough discussion in the BoS meeting.
150711	Networking with TCP/IP	Syllabus will be discussed in the upcoming BoS meeting for the updates suggested by the students, and new routing techniques will be suggested to be incorporated in the updated
900208	Soft Computing	The syllabus will be discussed in the upcoming BoS meeting for creating a balanced course content. Respective course instructor was requested to take additional classes to clarify the course content and shared study material.
150313	Computer Graphics	Respective course instructor was requested to provide additional study material to the students.
150504	Microprocessor Interfacing &	The syllabus will be discussed in the upcoming BoS meeting and incorporated RISC topic in the syllabus


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DEPARTMENT OF CSE

Course Curriculum Feedback Analysis (Jan – June 2021)

ACTION TAKEN

Course Code	Course Name	Action taken
230102	Intro. to computer programming	The courses like python programming and machine learning will be suggested to be incorporated in the curriculum after discussion in the BoS meeting.
150402	Database Management system	Instructed the concerned faculties to provide the learning material to the students timely and try to explain the contents in easily manner by taking real life examples.
150403	Operating System	Provided additional learning material and t-sheets to the students and instructed the faculties for timely sharing of lecture materials.
100007	Disaster management	Necessary changes in the course content, to meet the needs of CSE students, should be made after thorough discussion in the BoS meeting.
150601	Compiler Design	New and updated topics (with higher applicability in current market/industry) should be added after thorough discussion in the BoS meeting.

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DEPARTMENT OF CSE

Course Curriculum Feedback Analysis (Jan – June 2021)

ACTION TAKEN

Course Code	Course Name	Action Taken
150211	Data structures	As per the feedback from students, some of the topics like trees and graphs in the course will be discussed in the BoS meeting and necessary updation will be done (if needed).
150213	Digital electronics	Entire syllabus is referred to be analysed and discussed in the BoS meeting for necessary removal of outdated content/topics.
620213	Image processing & Retrieval Techniques	The syllabus is forwarded to the concerned course committee for necessary updations (if needed).

Parameters for the feedback: Poor: 1pts; Satisfactory: 2pts; Good: 3pts; Very good: 4pts; Excellent: 5pts. Feedback was taken on 5 point scale; Target set for each course = 4 (Very good)

Dr. Mahish Dixit
 Professor & HOD
 Department of CSE
 M.I.T.S. Gwalior

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Department of Electronics Engineering

Alumni Feedback

3 Summary of Curriculum Feedback from Alumni, It's Analysis and Impact is as follows:

Questionnaire to the Alumni as prescribed by Dean Office:

On a scale of 1-5 (Strongly Disagree to Strongly Agree)

1. You feel proud to be known as an MITS Alumnus
2. Institute organizes various kinds of activities for the overall development of students
3. Are you willing to contribute in the development of the Institute
4. Institute handles students' grievances properly
5. Institute has adequate laboratories and equipment for practical exposure to students
6. The education imparted at MITS is useful and relevant in your career and present job
7. Have you obtained sufficient technical knowledge (both in theory and practical) at MITS
8. Do you like to join the Institute Alumni Association
9. Would you like to receive regular updates from the Institute through Mails/Calls/SMS?
10. Overall are you satisfied with the Faculty, Staff and Administration during Program

On Courses & Curriculum

11. The course and curriculum at MITS caters to the recent trends and developments in the field.
(If no, please give below suggestions for improvement)
12. The syllabi were useful for meeting your higher studies/career goals.
(If no, please suggest from your experience, what changes are required)
13. In your opinion, the course / contents is up to date and no portion needs to be removed.

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(If no, please suggest courses/content which is obsolete and needs to be deleted)

14. The courses and contents are updated and no new course needs to be added right now.

(If no, please suggest content/new courses which need to be added)

15. The institution is capable of providing facilities and support to alumni (as and when desired) for acquiring state-of-the-art skills/knowledge in an area identified by them

(If yes, please provide details so that institute can take initiative for such support)


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List of Alumni Responded to the Questionnaire:

S. No.	Name	Email ID:	Mobile Number (For updation of Alumini Data Base)	Organization
1	Rohit Dohre	rohitdohre026@gmail.com	08839275327	IIT KANPUR
2	utkarsh badal	utkarsh.badal233@gmail.com	08839275327	Micron
3	Prashansa Sinha	prashansasinha22@gmail.com	8871625915	Byju's IAS
4	Ankita Bansal	ankita.bansal0095@gmail.com	9074359354	2A Digital solutions
5	Tanya Soni	tanyasoni60@gmail.com	9685477167	Preparing for UPSC CSE
6	Manoj Kumar	manoj05031996@gmail.com	8964023453	Accenture Plc
7	Pranjali Singh	pranjalisingh24@gmail.com	8989132064	Accenture
8	nalinashay keshrwani	nalinashay@gmail.com	8602816966	American Express
9	Radhika Awasthi	awasthiradhika11196@gmail.com	09713020472	ZF INDIA PVT LTD
10	Shraddha Kushaah	shraddha.kushwah1503@gmail.com	8878353922	ICICI Bank
11	Shubham kumar mahoria	shubhamkumarmahoria@gmail.com	9131081489	Infosys Ltd
12	Sarvottam Kumar Singh	sarvottamkum31@gmail.com	6263253441	Infosys
13	Nitish Rajoria	rajorianitish308@gmail.com	09644268777	Colour Beats Production
14	Sakshi Agrawal	agrawalsakshi087@gmail.com	9893283185	Accenture
15	Tithi Jaiswal	tithijaiswal21@gmail.com	+918966060891	PDPM IITDM Jabalpur M.P.
16	Shivangi Paharia	sona4paharia@gmail.com	9098216677	Qualcomm
17	Amrisha singh bhadoria	amrisha1907amrisha@gmail.com	+918962620636	Self
18	Shivangi Kushwah	shivangikshwh@gmail.com	08109963252	ABInBev
19	RAVI PRATAP SINGH	raviashutoshsingh@gmail.com	8989599514	Impetus
				Maulana Azad National Institute of

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20	Anuj Pahariya	anujpahariya36@gmail.com	7049232349	Technology
21	Deepak Kumar	imdeepak.mits@gmail.com	08139067830	Accenture Solutions Pvt Ltd
22	Prachi Jain	Jainprachi0004@gmail.com	9131773208	Epam
23	Ashish kawat	ashishkawat01@gmail.com	8305806410	JEC
24	Kardam Dangi	kardamdangi65382@gmail.com	8085325635	ZS Associates
25	Shivam Sharma	luckyshivamsharma@gmail.com	8839396084	Samsung R&D Bangalore
26	Shashwat Shrivastava	shashwatvsss@gmail.com	8982406982	Tata Consultancy Services
27	Ritesh Rawat	riteshrawat96@gmail.com	8225802387	Madhya pradesh Gramin bank
28	Abhishek Patel	patelabhishek330@gmail.com	9144418241	Global foundries
29	Vikas Kumar Sharma	svikaskumar349@gmail.com	8602780245	Infosys
30	Rajat Ojha	Rjtojha1554@gmail.com	08827010028	ICICI Bank
31	Neha shrivastava	shrivastavancha93@gmail.com	7000710187	Celebrity Anchor, DJ


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S. No.	Question	Feedback received (Percentage)				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	You feel proud to be known as an MITS Alumnus	84.375	0	15.625	0	0
2	Institute organizes various kinds of activities for the overall development of students	78.125	0	6.25	0	15.625
3	Are you willing to contribute in the development of the Institute	62.5	4	15.625	0	21.875
4	Institute handles students' grievances properly	68.75	0	6.25	0	25
5	Institute has adequate laboratories and equipment for practical exposure to students	68.75	0	12.5	0	18.75
6	The education imparted at MITS is useful and relevant in your career and present job	65.625	0	0	0	34.375
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	71.875	2	0	0	28.125
8	Do you like to join the Institute Alumni Association	59.375	0	6.25	0	34.375
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?	65.625	0	18.75	0	15.625

[Handwritten Signature]

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MITS, Gwalior
Date: _____

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10	Overall are you satisfied with the Faculty, Staff and Administration during Program	62.5	2	6.25	0	31.25
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Questionnaire on Course Curriculum:

S. No.	Question	Feedback received (Yes/No) with comments		Analysis	Action Taken
		Yes	No		
11	The course and curriculum at MITS caters to the recent trends and developments in the field. (If no, please give below suggestions for improvement)	78.12 %	21.85% Comments- <ul style="list-style-type: none"> • More focus on gate related topics • Some disciplines of basic medical courses should be included. • More application based pedagogical style rather than theory work will improve understanding about the subject. • More focus should be there on recent developments and trending technologies along with addition of multiple value added courses 	More than 70 % of alumni feel that MITS caters to the recent trends and developments in the field. However, 21% do not agree with that.	The revision in the syllabus has already been done in Dec BoS 2021. Wherein Gate related topics, recent technology and application based topics have been added.
12	The syllabi were useful for meeting your higher studies/career goals. (If no, please suggest from your experience, what changes are required)	65.62 %	34.32 % Comments- <ul style="list-style-type: none"> • Need to include Machine Learning based courses and languages • More objective approach to be studied 	More than 65 % of alumni feel that The syllabi were useful for meeting your higher studies/career goals. However,	Machine Learning and data science has now been included in the curriculum as core subjects so that the curriculum will now

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			<ul style="list-style-type: none"> • More practical knowledge is required • More hands on training is required. Theoretical knowledge is good at the initial level, but more focus should be on hands on learning and implementation • Course could have made a bit better to have a better opportunity for employment. • Some changes are required 	34.32% do not agree with that.	meet their goals for higher studies and career.	
13	In your opinion, the course / contents is up to date and no portion needs to be removed. (If no, please suggest courses/content which is obsolete and needs to be deleted)	62 %	<p style="text-align: center;">34.37 %</p> <p>Comments-</p> <table border="1" style="width: 100%;"> <tr> <td> <ul style="list-style-type: none"> • Old course are going please update new things as per market • The proportion of decadent subjects should be decreased to give way to newer subjects and innovation in current subjects. </td> </tr> </table>	<ul style="list-style-type: none"> • Old course are going please update new things as per market • The proportion of decadent subjects should be decreased to give way to newer subjects and innovation in current subjects. 	More than 62 % alumni thinks that course / contents is up to date and no portion needs to be removed. However, 34% thinks that course needs to be updated.	Appropriate updation in the course has been proposed in the BoS 2022.
<ul style="list-style-type: none"> • Old course are going please update new things as per market • The proportion of decadent subjects should be decreased to give way to newer subjects and innovation in current subjects. 						
14	The courses and contents are updated and no new course needs to be added right now. (If no, please suggest content/new courses which need to be added)	60%	<p style="text-align: center;">40%</p> <p>Comments-</p> <ul style="list-style-type: none"> • Machine Learning courses, data based study. • AI data science • More practical knowledge is required • Artificial Intelligence and cloud computing 	More than 60 % alumni thinks that courses and contents are updated and no new course needs to be added right now. However, 34% thinks that course needs to be updated.	Machine Learning, data science and Artificial Intelligence has now been included in the curriculum as core subjects so that the curriculum will now meet their goals for higher studies and career.	

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15	<p>The institution is capable of providing facilities and support to alumni (as and when desired) for acquiring state-of-the-art skills/knowledge in an area identified by them (If No, please provide details so that institute can take initiative for such support)</p>	68%	<p style="text-align: center;">31%</p> <p>Comments-</p> <ul style="list-style-type: none"> • More workshops and seminar to be done at college level. • You can provide some things like programing knowledge because ultimately all are going for that. • Everything is good please motivate the student for extra skill rather than only degree tell them set the goal and work hard from 2nd year Now days competition is so high Thank you. 	<p>More than 68 % alumni thinks that The institution is capable of providing facilities and support to alumni (as and when desired) for acquiring state-of-the-art skills/knowledge in an area identified by them. However, 31% do not agree with this..</p>	<p>More alumni related activities will now be planned by the department in the upcoming academic year.</p>
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Department of Electronics Engineering

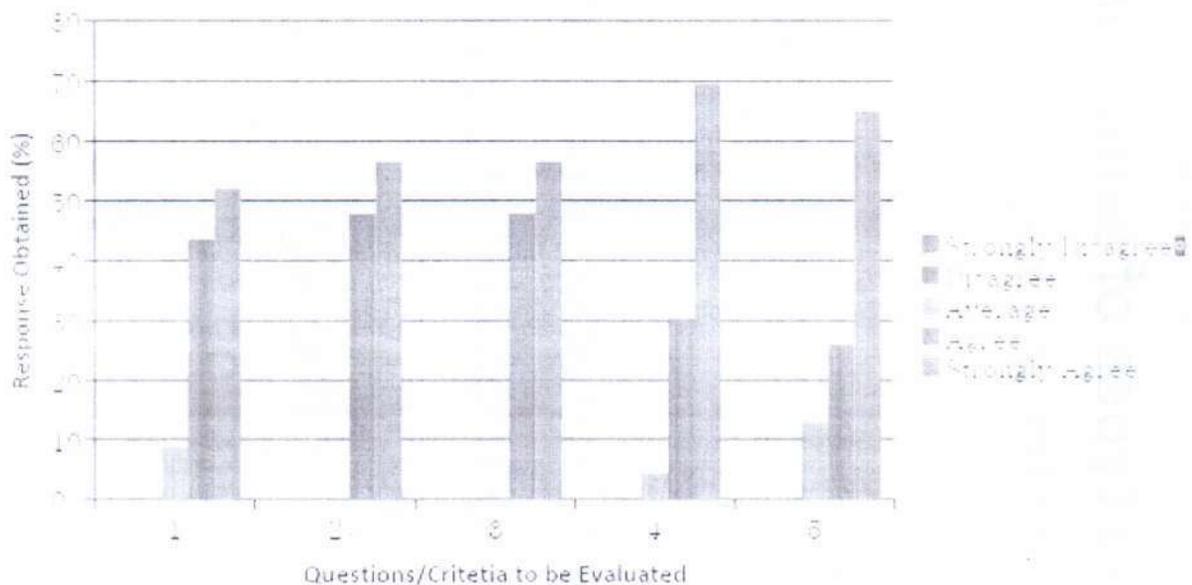
Jan-June 2022

Employment-Satisfaction Survey

Criteria/Questions

1. Technical knowledge and contribution are at a Good level.
2. Ability to learn new areas engages in professional development, and adapt to technological changes.
3. Deserves to be promoted/has potential for elevation to a higher level.
4. Shows ethical behavior and social responsibility.
5. Demonstrates ability to work well on a team.

Employment Satisfaction Survey (Jan-June 2022)



Feedback Comments/Suggestions

6. Your employee / Intern (our alumnus) demonstrates good knowledge of the recent industrial trends and developments in the field. (If no, please give comments below about areas/fields where our alumni might be lacking)	7. The courses being offered at MITS and the contents delivered here are up to date. (If no, please give comments below and please suggest course / contents which need to be updated for making our graduates industry ready)	8. All latest technological changes are included in the courses and syllabi are sufficient to meet the requirements of my organization.(If there is need of any new course to be introduced to meet current needs & technological changes, please comment and suggest)	9. The institute (MITS, Gwalior) is capable of extending support for conducting collaborative training programs for your employees in areas desired by you.(If yes, then please mention areas where above activity can be conducted in future as per mutually agreeable terms)	10. The institute (MITS, Gwalior) is capable of designing a course catering to specific requirements as desired by you and also in running it successfully with partial technical support from you. (If yes, please suggest an area/name catering to your specific requirement)
Yes, all the intern having great knowledge about to industries and development field.	Yes, definitely	Yes, the courses and the technological things are good and up to date	Yes, definitely and talking about to Area's so the most important technical, and manufacturing, marketing etc	Yes
Yes	No idea about the same	Yes	Yes it can be conducted, areas cannot be disclosed here, kindly drop us a separate email regarding the same, where we can escalate it to our concerned team for further mutual benefit if at all	No
		Focus on Salesforce Flow builder	Noida	Noida
Yes	Yes	No , All latest technological changes are included in the courses and syllabi are sufficient	Yes, in Computer vision as well as AI part	Yes.in Artificial intelligence, computer vision and blockchain
Yes	Yes	Yes	Yes	Yes
		Data science		
Yes	Yes	Yes	Yes, done	Yes, Angular
Yes	Yes	Yes	Yes	Yes
yes	yes	yes	yes	yes
He is learning how to develop a website and he is working front end part of the website.	No, MITS should add some programming languages in the academic courses.	We are currently working in Latest technologies like React js , Angular 11	Yes	YES
yes	yes	Team management and ability to work with	We already have training partners	hardware interlacing in electronics domain

		others should be encouraged		
Yes	Yes	Yes	Yes	Yes

Feedback Comments/Suggestions on following Criteria/Questions

1. Your employee / Intern (our alumnus) demonstrates good knowledge of the recent industrial trends and developments in the field. (If no. please give comments below about areas fields where our alumni might be lacking)
2. The courses being offered at MITS and the contents delivered here are up to date. (If no. please give comments below and please suggest course / contents which need to be updated for making our graduates industry ready)
3. All latest technological changes are included in the courses and syllabi are sufficient to meet the requirements of my organization.(If there is need of any new course to be introduced to meet current needs & technological changes, please comment and suggest)
4. The institute (MITS, Gwalior) is capable of extending support for conducting collaborative training programs for your employees in areas desired by you.(If yes, then please mention areas where above activity can be conducted in future as per mutually agreeable terms)
5. The institute (MITS, Gwalior) is capable of extending support for conducting collaborative training programs for your employees in areas desired by you.(If yes, then please mention areas where above activity can be conducted in future as per mutually agreeable terms)

S. No.	Suggestions/Comments	Action Taken
1	Focus on Sales force flow builder	
2	Hardware interfacing in electronics domain	
3	Artificial intelligence, computer vision and block chain related subjects should be included in the course.	In next Semester Institute as well as department is plan to add new Computer science related subjects such as Machine Learning, Deep Learning, Data Sciences.
4	We are currently working in Latest technologies like React JS, Angular II.	-
5	Team management and ability to work with others should be encouraged.	Mini Project in practical lab is added, in which few projects is assigned in a team/group of students. The team members can work together for completion of this task.
6	MITS should add some programming languages in the academic courses.	In next semester we add few programing subjects/labs

Dr. Deepak Batham
Assistant Professor


 Dr. Laxmi Shrivastava
 HOD

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 Gwalior, M.P. 471005

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Annexure-XVIII

Department of Electronics Engineering

Curriculum Feedbacks:

1. Student Curriculum Feedback Session July-December 2021:

Questions:

Q1.	The course is well designed
Q2.	The syllabus units are balanced
Q3.	The learning material was available to you
Q4.	The content was clear and easy to understand
Q5.	The course was relevant and updated for present needs
Q6.	The course meets your career expectations
Q7.	The course will be useful to meet your higher studies/future aspiration

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Student Curriculum Feedback EC IInd year Section A

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
140313 Signals and Systems	Q1	0	1	2	7	3	3.923	Very Good	13
	Q2	0	1	2	8	2	3.846	Very Good	
	Q3	0	2	2	3	6	4	Excellent	
	Q4	0	2	2	6	3	3.769	Very Good	
	Q5	0	1	1	5	6	4.230	Excellent	
	Q6	0	1	4	6	2	3.692	Very Good	
	Q7	0	1	5	5	2	3.615	Very Good	
140311 Electronic Circuit Design	Q1	0	2	4	11	7	3.958	Very Good	24
	Q2	0	2	4	8	10	4.083	Excellent	
	Q3	1	0	2	11	10	4.208	Excellent	
	Q4	0	2	4	6	12	4.166	Excellent	
	Q5	0	1	4	8	11	4.208	Excellent	
	Q6	1	1	3	9	10	4.083	Excellent	
	Q7	1	2	1	11	9	4.041	Excellent	
140314 Electronic measurement and Instrumentati on	Q1	0	0	10	10	8	3.928	Very Good	28
	Q2	0	1	7	11	9	4	Excellent	
	Q3	0	0	7	12	9	4.071	Excellent	
	Q4	0	0	6	11	11	4.178	Excellent	
	Q5	0	1	5	14	8	4.035	Excellent	
	Q6	0	1	6	12	9	4.035	Excellent	
	Q7	0	1	8	10	9	3.964	Very Good	
Q1	0	0	7	6	6	3.947	Very Good	19	

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140312 Network Theory	Q2	0	0	6	8	5	3.947	Very Good
	Q3	0	0	4	8	7	4.157	Excellent
	Q4	0	0	4	9	6	4.105	Excellent
	Q5	0	0	5	8	6	4.052	Excellent
	Q6	0	0	6	7	6	4	Excellent
	Q7	0	0	5	7	7	4.105	Excellent

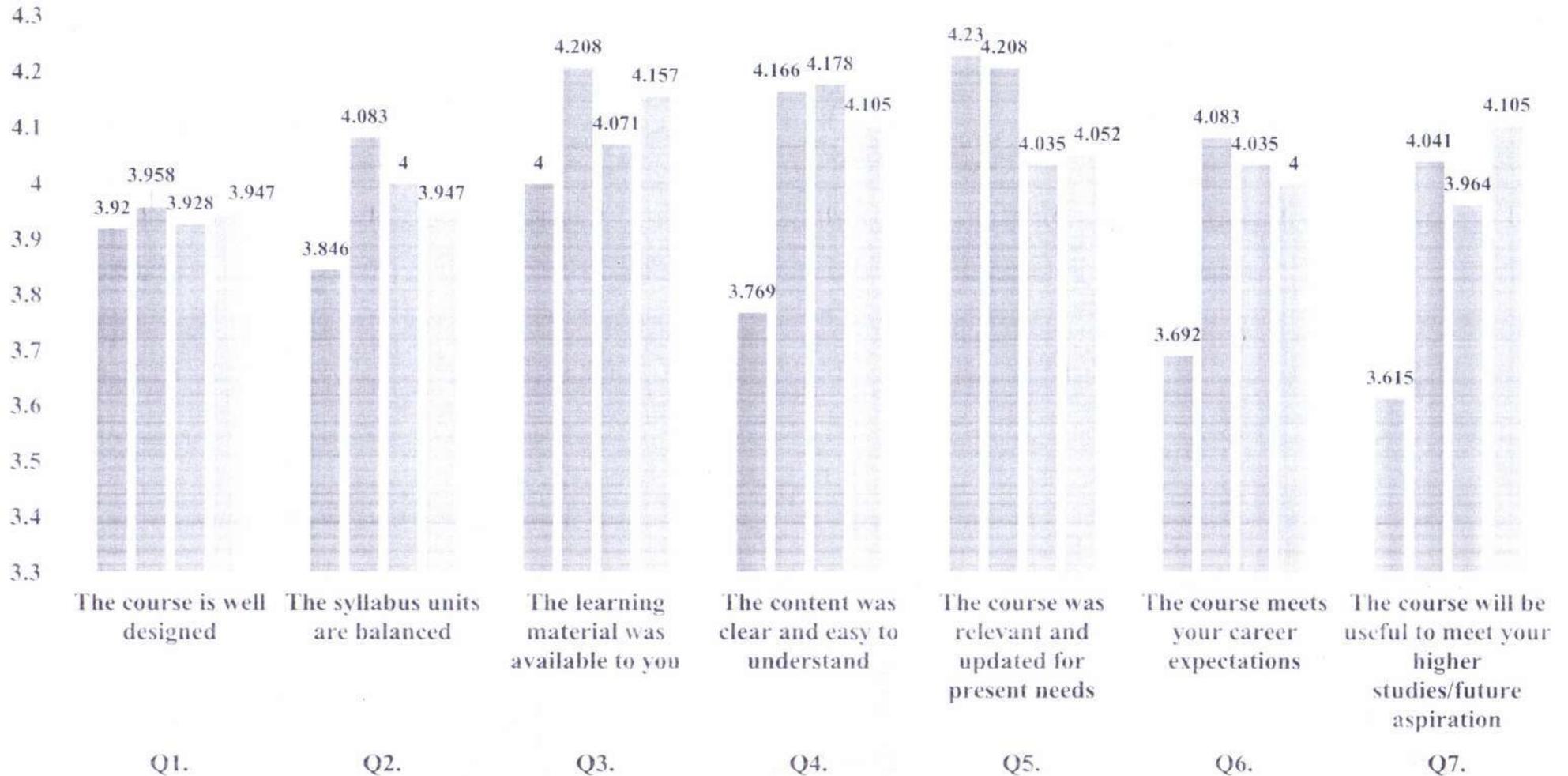
Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent


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Student Curriculum Feedback EC IInd year section A



The course is well designed

The syllabus units are balanced

The learning material was available to you

The content was clear and easy to understand

The course was relevant and updated for present needs

The course meets your career expectations

The course will be useful to meet your higher studies/future aspiration

Q1.

Q2.

Q3.

Q4.

Q5.

Q6.

Q7.

■ 140313 Signals and Systems

■ 140311 Electronic Circuit Design

■ 140314 Electronic measurement and Instrumentation

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Student Curriculum Feedback EC IIInd year Section B

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
140311 Electronic Circuit Design	Q1	0	0	13	8	7	3.785	Very Good	28
	Q2	0	1	9	10	8	3.892	Very Good	
	Q3	0	2	12	7	7	3.678	Very Good	
	Q4	0	0	11	9	8	3.892	Very Good	
	Q5	0	1	12	8	7	3.75	Very Good	
	Q6	0	0	3	12	8	3.55	Very Good	
	Q7	0	0	12	9	7	3.821	Very Good	
140312 Electronic measurement and Instrumentati on	Q1	0	2	8	15	7	3.843	Very Good	32
	Q2	0	0	11	12	9	3.937	Very Good	
	Q3	0	1	10	12	9	3.906	Very Good	
	Q4	0	1	11	10	10	3.906	Very Good	
	Q5	0	1	12	12	7	3.781	Very Good	
	Q6	0	1	10	14	7	3.843	Very Good	
	Q7	0	1	11	13	7	3.812	Very Good	

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140312 Network Theory	Q1	0	0	7	6	6	3.947	Very Good	19
	Q2	0	0	6	8	5	3.947	Very Good	
	Q3	0	0	4	8	7	4.157	Excellent	
	Q4	0	0	4	9	6	4.105	Excellent	
	Q5	0	0	5	8	6	4.052	Excellent	
	Q6	0	0	6	7	6	4	Excellent	
	Q7	0	0	5	7	7	4.105	Excellent	
140313 Signals and Systems	Q1	0	1	2	7	3	3.923	Very Good	13
	Q2	0	1	2	8	2	3.846	Very Good	
	Q3	0	2	2	3	6	4	Excellent	
	Q4	0	2	2	6	3	3.769	Very Good	
	Q5	0	1	1	5	6	4.230	Excellent	
	Q6	0	1	4	6	2	3.692	Very Good	
	Q7	0	1	5	5	2	3.615	Very Good	

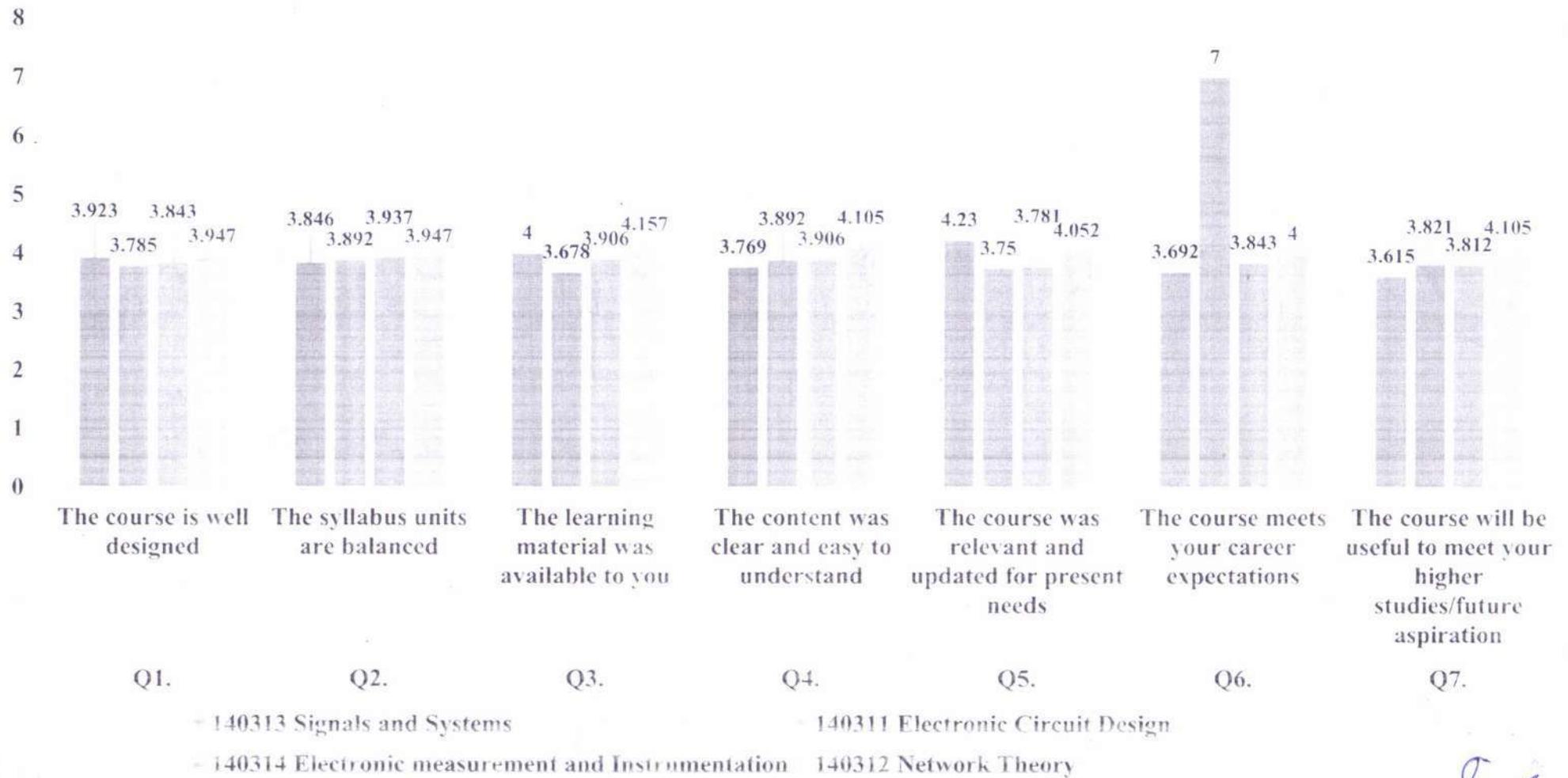
Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Student Curriculum Feedback EC IInd year section B




 Date: _____
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Student Curriculum Feedback EC IIIrd year

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
140502 Electromagnetic Theory	Q1	1	3	8	7	9	3.714	Very Good	28
	Q2	0	2	9	9	8	3.821	Very Good	
	Q3	0	3	8	6	11	3.892	Very Good	
	Q4	0	3	9	5	11	3.857	Very Good	
	Q5	0	2	8	9	9	3.892	Very Good	
	Q6	0	2	9	10	7	3.785	Very Good	
	Q7	0	2	9	10	7	3.785	Very Good	
140504 Linear Control Theory	Q1	0	3	7	4	5	3.578	Very Good	19
	Q2	0	3	5	6	5	3.684	Very Good	
	Q3	1	1	6	5	6	3.736	Very Good	
	Q4	0	2	5	8	4	3.736	Very Good	
	Q5	0	2	8	5	4	3.578	Very Good	
	Q6	0	3	5	7	4	3.631	Very Good	
	Q7	0	3	6	7	3	3.526	Very Good	
140505 Data Communication	Q1	0	4	18	6	7	3.457	Very Good	35
	Q2	0	2	20	5	8	3.542	Very Good	
	Q3	0	2	20	6	7	3.514	Very Good	
	Q4	0	4	17	6	8	3.514	Very Good	
	Q5	0	3	18	6	8	3.542	Very Good	
	Q6	0	2	18	5	10	3.657	Very Good	
	Q7	1	4	18	4	8	3.4	Very Good	
	Q1	0	0	12	8	7	3.814	Very Good	35
	Q2	0	1	12	5	9	3.814	Very Good	

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140503 Data Communication	Q3	0	0	10	8	9	3.962	Very Good
	Q4	0	1	7	11	8	3.962	Very Good
	Q5	0	0	11	7	9	3.925	Very Good
	Q6	0	1	10	9	7	3.814	Very Good
	Q7	0	1	10	7	9	3.888	Very Good

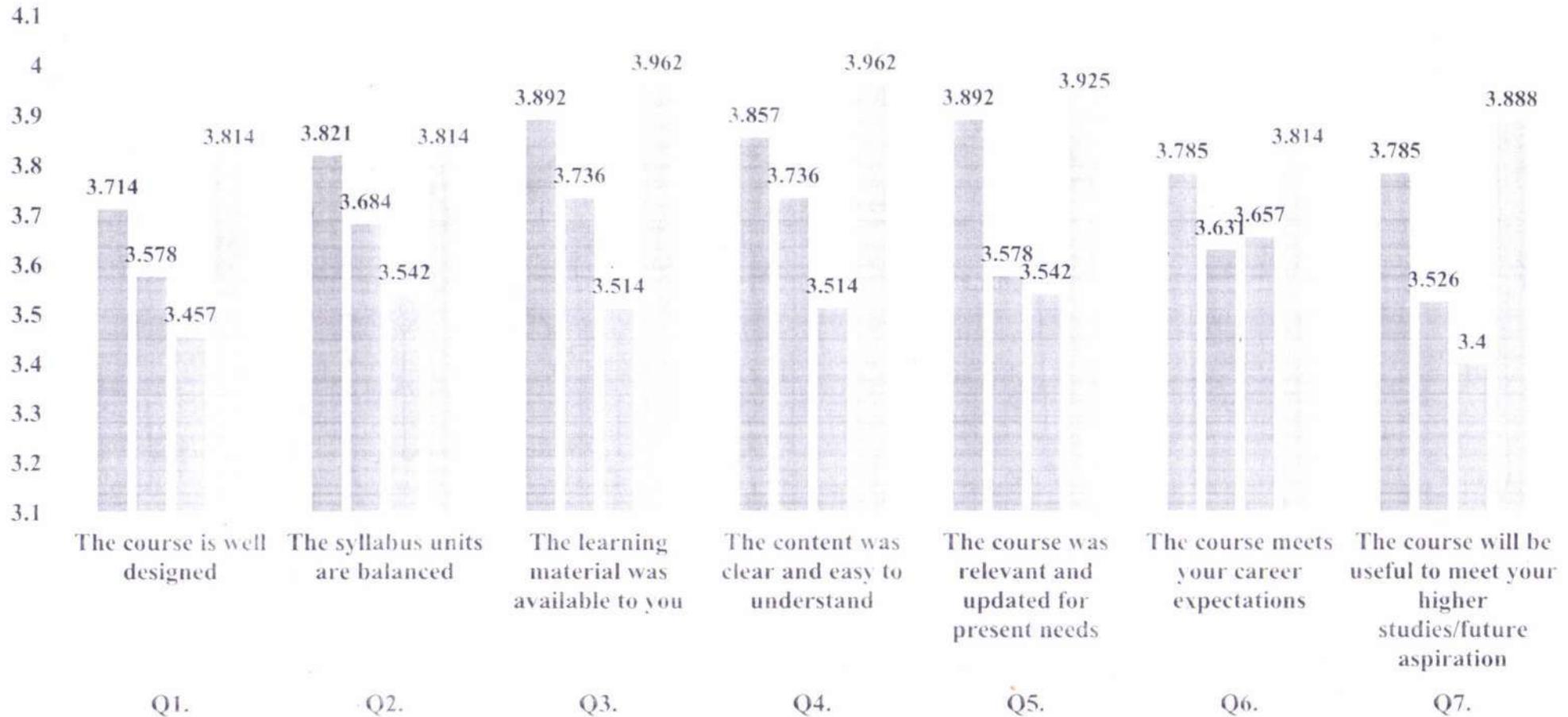
Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent


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Student Curriculum Feedback EC IIIrd year



□ 140502 Electromagnetic Theory □ 140504 Linear Control Theory □ 140505 Data Communication □ 140503 Data Communication

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Student Curriculum Feedback EC IVth year

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
900207 Consumer Electronics	Q1	0	4	6	10	13	3.969	Very good	28
	Q2	0	2	5	14	12	4.090	Excellent	
	Q3	0	2	6	13	12	4.060	Excellent	
	Q4	0	3	6	10	14	4.060	Excellent	
	Q5	0	3	6	9	15	4.090	Excellent	
	Q6	1	3	6	9	14	3.969	Very good	
	Q7	0	2	5	12	14	4.151	Excellent	
200601 Satellite Communication	Q1	0	1	14	14	6	3.714	Very good	19
	Q2	1	0	10	15	9	3.885	Very good	
	Q3	0	0	12	13	10	3.942	Very good	
	Q4	0	0	13	11	11	3.942	Very good	
	Q5	0	0	14	12	9	3.857	Very good	
	Q6	0	0	12	14	9	3.914	Very good	
	Q7	0	0	13	14	8	3.857	Very good	

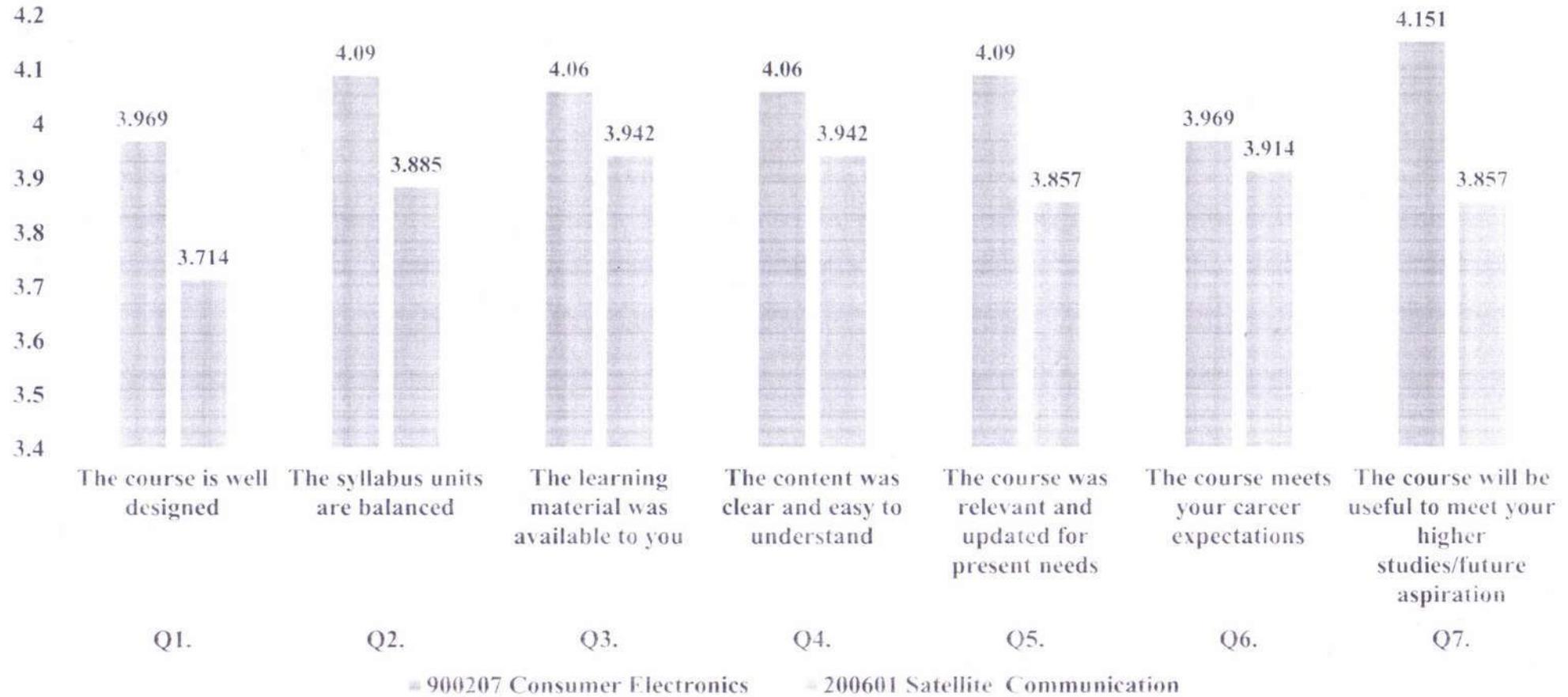
Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent


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Student Curriculum Feedback EC IVth year



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Teacher Course Feedback

- Q1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- Q2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- Q3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- Q4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]
- Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
- Q6. The environment of department/institute is conducive for innovative teaching and research
- Q7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment)
- Q8. The institute provides basic infrastructural facilities required for teaching learning. (Please comment)
- Q9. You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)
- Q10. In general you are satisfied with your work environment and institute culture..(Please comment)

(i) Honours:

(ii) Minor specialization:

(iii) Departmental electives:

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Strongly Agree: 5, Agree: 4, Average: 3, Disagree: 2, Strongly Disagree: 1

Select your course	Faculty	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
140312-Network Theory	Prof. Deep Kishore Parsediya	5	5	5	5	4	Yes	Yes	Yes	Yes	Yes
140505-Digital Communication	Dr. Karuna Markam	1	1	1	5	1	yes	yes	yes	yes	yes
140313-Signal and System	Dr. Karuna Markam	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
140502-Electromagnetic Theory	Dr. Laxmi Shrivastava	5	5	5	5	5	yes	yes	yes	yes	yes
200314-Electronics Measurement and Instrumentation (EMI)	Dr. Deepak Batham	5	4	4	4	4	Nice	Good			
2000311-Electronics Circuit Design	Dr. Sandeep Sharma	4	4	4	4	4	Yes	Yes	Yes	Yes	Yes
100008- Intellectual Property Rights	Dr. Rahul Dubey	5	5	5	5	5					
200312-Network Theory	Dr. Vikash Mahor	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
200503-Microprocessor and Interfacing	Dr. Vandana Vikas Thakare	5	5	5	5	4	YES	YES	YES	YES	YES
140312-Network Theory	Dr. R.P. Narwaria	5	5	5	5	5	yes	yes	yes	yes	yes


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Department of Electronics Engineering

Curriculum Feedbacks:

1. Student Curriculum Feedback Session July-December 2021:

Questions:

Q1.	The course is well designed
Q2.	The syllabus units are balanced
Q3.	The learning material was available to you
Q4.	The content was clear and easy to understand
Q5.	The course was relevant and updated for present needs
Q6.	The course meets your career expectations
Q7.	The course will be useful to meet your higher studies/future aspiration



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Student Curriculum Feedback ET IInd year

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
200311- Electronic Circuit Design	Q1	0	3	8	13	9	3.8	Very Good	33
	Q2	0	3	7	13	10	3.90	Very good	
	Q3	1	4	5	11	12	3.87	VeryGood	
	Q4	0	4	8	12	9	3.78	VeryGood	
	Q5	1	3	8	12	9	3.75	VeryGood	
	Q6	0	4	9	10	10	3.78	Very Good	
	Q7	0	5	6	13	9	3.78	Very Good	
200312- Network Theory	Q1	0	2	4	3	3	3.58	VeryGood	16
	Q2	0	0	5	4	3	3.83	VeryGood	
	Q3	0	1	6	2	3	3.583	VeryGood	
	Q4	1	1	4	3	3	3.5	Very Good	
	Q5	0	1	6	2	3	3.583	Very Good	
	Q6	1	0	6	2	3	3.50	VeryGood	
	Q7	0	1	5	2	4	3.75	VeryGood	
200314- Electronic Measuremnt and Instrumentation	Q1	0	3	12	6	3	3.375	VeryGood	24
	Q2	0	3	10	7	4	3.5	VeryGood	
	Q3	0	3	12	5	4	3.41	VeryGood	
	Q4	0	5	8	7	4	3.41	Very Good	
	Q5	0	5	9	6	4	3.37	Very Good	
	Q6	0	5	9	6	4	3.37	VeryGood	
	Q7	0	6	10	5	3	3.20	VeryGood	

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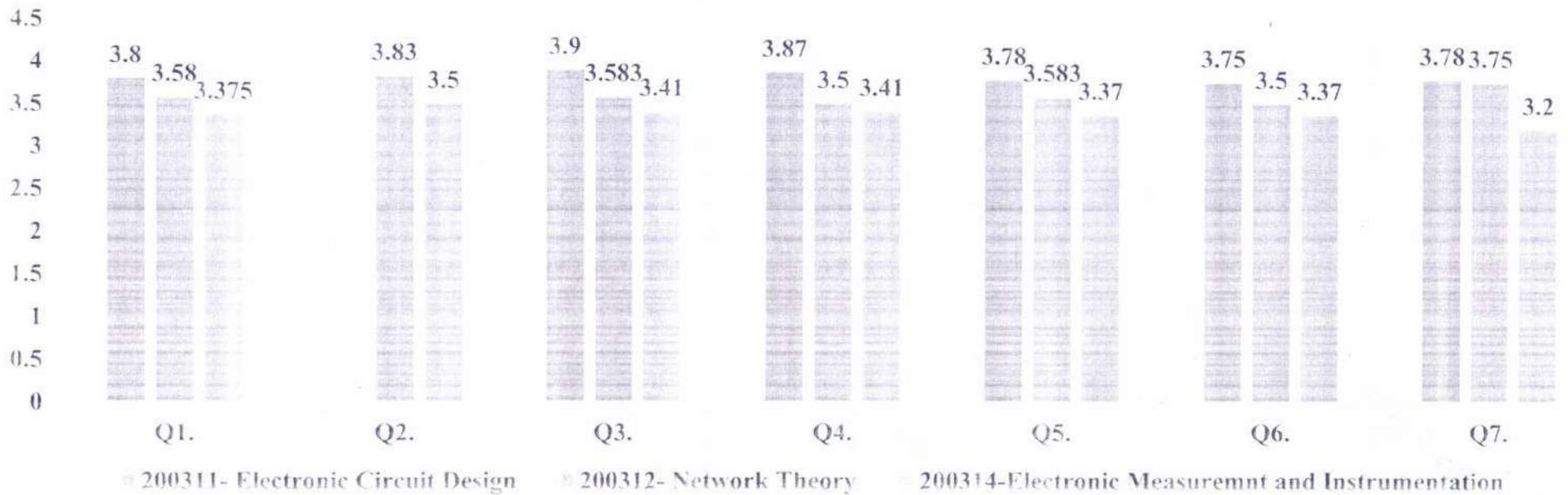
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Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Student Curriculum Feedback ET IInd year



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Student Curriculum Feedback ET IIIrd year

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
200503- Microprocessor and Interfacing	Q1	0	3	13	2	9	3.62	VeryGood	27
	Q2	0	0	15	3	9	3.77	VeryGood	
	Q3	1	1	12	4	9	3.70	VeryGood	
	Q4	0	3	12	3	9	3.66	Very Good	
	Q5	0	1	11	7	8	3.81	Very Good	
	Q6	0	4	11	4	8	3.59	VeryGood	
	Q7	0	1	14	2	10	3.77	VeryGood	
200504- Linear Control Theory	Q1	0	4	18	6	7	3.45	Very Good	35
	Q2	0	2	20	5	8	3.54	Good	
	Q3	0	2	20	6	7	3.51	Very Good	
	Q4	0	4	17	6	8	3.51	Very Good	
	Q5	0	3	18	6	8	3.54	Very Good	
	Q6	0	2	18	5	10	3.65	Very Good	
	Q7	1	4	18	4	8	3.40	Very Good	
200505 Digital Communication	Q1	0	3	8	2	7	3.65	Very Good	20
	Q2	0	2	9	3	6	3.65	Very Good	
	Q3	0	2	7	4	7	3.8	Very Good	
	Q4	0	3	6	6	5	3.65	Very Good	
	Q5	0	1	8	5	6	3.80	Very Good	
	Q6	1	2	6	4	7	3.70	Very Good	
	Q7	1	3	6	4	6	3.55	Very Good	

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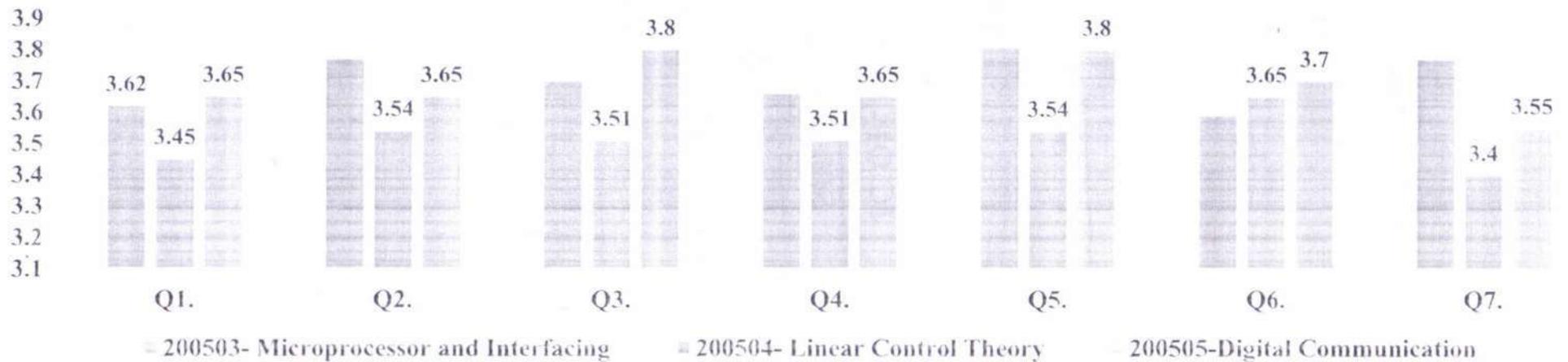
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Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Student Curriculum Feedback ET III rd year




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Student Suggestion and Action Taken- ET- 2nd Year

S. No.	Student Suggestion	Action Taken
1.	Labs sessions are not satisfactory . If it's going to be online	<ul style="list-style-type: none">• Labs are conducting in offline mode

Student Suggestion and Action Taken- ET- 3rd Year

S. No.	Student Suggestion	Action Taken
1.	Honours course : ESim - EDA tool for circuit design, PCB design, Electric Vehicles, Evolution of Air Interface Towards 5G, Spread Spectrum Communications and Jamming	<ul style="list-style-type: none">• PCB Design already running in IV Semester scheme• Spread Spectrum Communications and Jamming is offering for VI semester students
2.	Minor specialization: Artificial Intelligence, Data Base Management System, Compiler Design, Discrete Mathematics, Ethical Hacking, Software Testing	<ul style="list-style-type: none">• Students can select these subjects from other branches


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- Q1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- Q2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be in
- Q3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements a
- Q4. The course / contents in your domain/area are well designed and frequently updated, hence need
- Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, pl
- Q6. The environment of department/institute is conducive for innovative teaching and research
- Q7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving c
- Q8. The institute provides basic infrastructural facilities required for teaching learning. (Please comme
- Q9. You get academic freedom to implement your ideas and conduct your courses without interferenc
- Q10. In general you are satisfied with your work environment and institute culture..(Please comment)

(i) Honours:

(ii) Minor specialization:

(iii) Departmental electives:

Course Satisfaction Index (CSI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Average, 2: Agree, 1: Not

Select your course

Q.1

140312-Network Theory	Prof. Deep Kishore Parsediya	5 Strongly Agree
140505-Digital Communication	Dr. Karuna Markam	1 Strongly Disagree
140313-Signal and System	Dr. Karuna Markam	5 Strongly Agree
140502-Electromagnetic Theory	Dr. Laxmi Shrivastava	5 Strongly Agree
200314-Electronics Measurement and Instrumen	Dr. Deepak Batham	5 Strongly Agree
2000311-Electronics Circuit Design	Dr. Sandeep Sharma	4 Agree
100008- Intellectual Property Rights	Dr. Rahul Dubey	5 Strongly Agree
200312-Network Theory	Dr. Vikash Mahor	5 Strongly Agree
200503-Microprocessor and Interfacing	Dr. Vandana Vikas Thakare	5 Strongly Agree
140312-Network Theory	Dr. R.P. Narwaria	5 Strongly Agree

Courses Suggested by Teachers for :

(i) Honours: Data Science for Engineers, Microelectronics

(ii) Minor specialization: Python Programming, PLC & Ladder logic

(iii) Departmental electives: Data Communication, Broadband Communication

(iv) Open electives: Reliability Engineering

Department of Electronics Engineering

Teacher Course Feedback Session July -Dec 2021

Questions

introduced to meet current needs & technological changes?

According to present global trends. (Please give suggestions if any)

no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) please give below)

career growth. (Please comment)

ment)

from authorities. (Please comment)

Faculty Feedback

Q.2	Q.3	Q.4	Q.5	Q.6
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	4 Agree	Yes
1 Strongly Disagree	1 Strongly Disagree	5 Strongly Agree	1 Strongly Disagree	yes
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	Yes
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	yes
4 Agree	4 Agree	4 Agree	4 Agree	Nice
4 Agree	4 Agree	4 Agree	4 Agree	Yes the department
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	Yes
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	4 Agree	YES
5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	5 Strongly Agree	yes


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ed) are needed, please suggest]

Q.7	Q.8	Q.9	Q.10
Yes	Yes	Yes	Yes
yes	yes	yes	yes
Yes	Yes	Yes	Yes
yes	yes	yes	yes
Good			
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
YES	YES	YES	YES
yes	yes	yes	yes


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Department of Electronics Engineering**Item 24 Curriculum Feedbacks:**

1. Student's opinion on Feedback Session for June 2021:

Questions:

- Q.1 The course is well designed
- Q.2 The syllabus units are balanced
- Q.3 The learning material was available to you
- Q.4 The content was clear and easy to understand
- Q.5 The course was relevant and updated for present needs
- Q.6 The course meets your career expectations
- Q.7 The course will be useful to meet your higher studies/future aspirations.

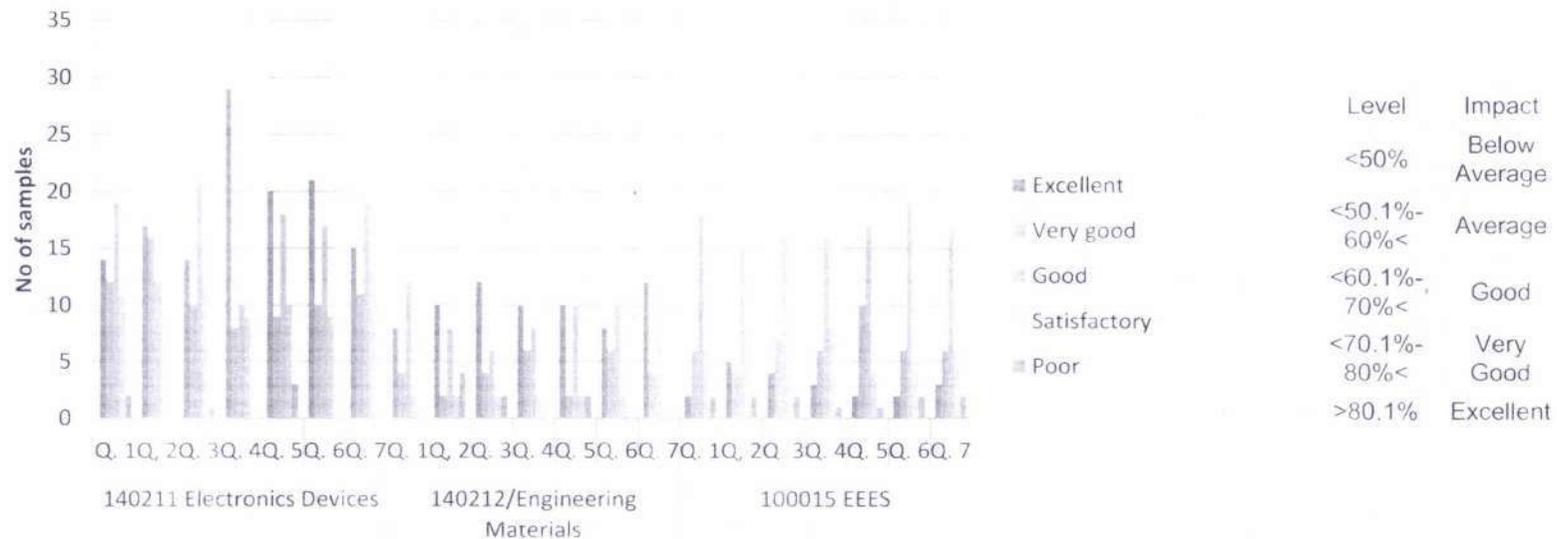

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Student Curriculum Feedback First year EC

S. No.	Subject	Suggestion	Action Taken
1	Energy Ecology Environment & Society	In Q.1 of curriculum feedback the Impact was average.	In the newly proposed course of EEES the syllabus has been updated accordingly.



Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact
140211 Electronics Devices	Q. 1	14	12	19	11	2	3.43	68.62	Good
	Q. 2	17	16	12	13	0	3.64	72.76	Very Good

Sample Size

58

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	Q. 3	14	10	21	12	1	3.41	68.28	Good	
	Q. 4	29	8	10	9	0	4.02	80.36	Excellent	
	Q. 5	20	9	18	10	3	3.55	71.00	Very Good	
	Q. 6	21	10	17	9	0	3.75	75.09	Very Good	
	Q. 7	15	11	19	13	0	3.48	69.66	Good	
140212/Engineering Materials	Q. 1	8	4	12	2	0	3.69	73.85	Very Good	26
	Q. 2	10	2	8	2	4	3.46	69.23	Good	
	Q. 3	12	4	6	2	2	3.85	76.92	Very Good	
	Q. 4	10	6	8	2	0	3.92	78.46	Very Good	
	Q. 5	10	2	10	2	2	3.62	72.31	Very Good	
	Q. 6	8	6	10	2	0	3.77	75.38	Very Good	
	Q. 7	12	4	8	2	0	4.00	80.00	Very Good	
100015 EEES	Q. 1	2	6	18	6	2	3.00	60.00	Average	63
	Q. 2	5	4	15	8	2	3.06	61.18	Good	
	Q. 3	4	7	16	5	2	3.18	63.53	Good	
	Q. 4	3	6	16	8	1	3.06	61.18	Good	
	Q. 5	2	10	17	4	1	3.24	64.71	Good	
	Q. 6	2	6	19	5	2	3.03	60.59	Good	
	Q. 7	3	6	17	6	2	3.06	61.18	Good	

Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

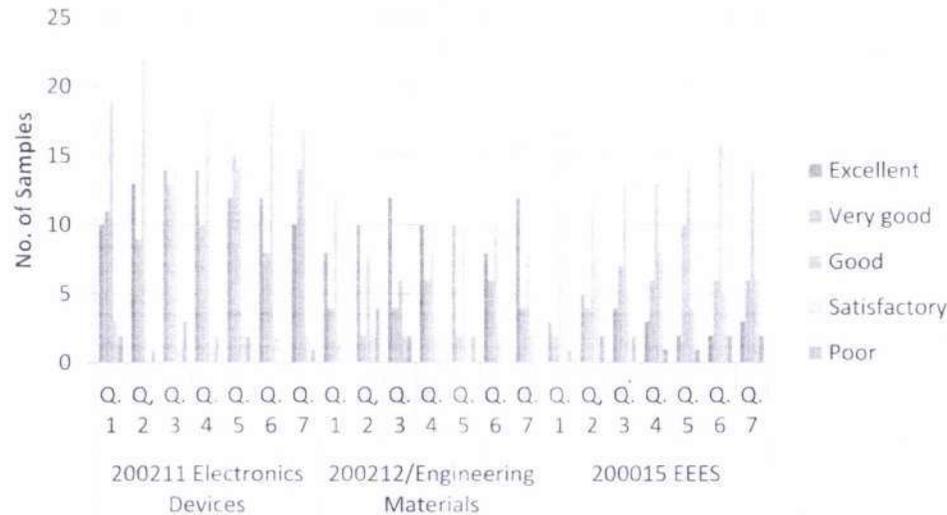
Analysis (%) = (Average/5)*100


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Student Curriculum Feedback First year ET



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis	Impact	Sample Size
200211 Electronics Devices	Q.1	10	11	19	3	2	3.53	70.67	Very Good	45
	Q.2	13	9	22	0	1	3.73	74.67	Very Good	
	Q.3	14	13	14	1	3	3.76	75.11	Very Good	
	Q.4	14	10	18	1	2	3.73	74.67	Very Good	
	Q.5	12	15	14	2	2	3.73	74.67	Very Good	
	Q.6	12	8	19	2	0	3.73	74.63	Very Good	

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	Q. 7	10	14	17	2	1	3.68	73.64	Very Good	
200212/Engineering Materials	Q. 1	8	4	12	2	0	3.69	73.85	Very Good	34
	Q. 2	10	2	8	2	4	3.46	69.23	Good	
	Q. 3	12	4	6	2	2	3.85	76.92	Very Good	
	Q. 4	10	6	8	2	0	3.92	78.46	Very Good	
	Q. 5	10	2	10	2	2	3.62	72.31	Very Good	
	Q. 6	8	6	10	2	0	3.77	75.38	Very Good	
	Q. 7	12	4	8	2	0	4.00	80.00	Very Good	
200015 EEES	Q. 1	7	2	12	10	0	3.19	63.87	Good	31
	Q. 2	5	4	12	8	2	3.06	61.29	Good	
	Q. 3	4	7	13	5	2	3.19	63.87	Good	
	Q. 4	3	6	13	8	1	3.06	61.29	Good	
	Q. 5	2	10	14	4	1	3.26	65.16	Good	
	Q. 6	2	6	16	5	2	3.03	60.65	Good	
	Q. 7	3	6	14	6	2	3.06	61.29	Good	

* Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100


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	Q. 4	13	7	21	5	0	3.61	72.17	Very Good	
	Q. 5	15	12	13	7	0	3.74	74.89	Very Good	
	Q. 6	8	12	11	16	2	3.16	63.27	Good	
	Q. 7	11	11	17	8	0	3.53	70.64	Very Good	
140402 Analog Communication	Q. 1	2	6	18	6	2	3.00	60.00	Average	34
	Q. 2	5	4	15	8	2	3.06	61.18	Good	
	Q. 3	4	7	16	5	2	3.18	63.53	Good	
	Q. 4	3	6	16	8	1	3.06	61.18	Good	
	Q. 5	2	10	17	4	1	3.24	64.71	Good	
	Q. 6	2	6	19	5	2	3.03	60.59	Good	
	Q. 7	3	6	17	6	2	3.06	61.18	Good	
140403 Communication Networks	Q. 1	2	2	10	2	0	3.25	65.00	Good	16
	Q. 2	6	2	8	0	1	3.71	74.12	Very Good	
	Q. 3	4	2	12	1	0	3.47	69.47	Good	
	Q. 4	3	1	11	0	1	3.31	66.25	Good	
	Q. 5	4	1	9	1	1	3.38	67.50	Good	
	Q. 6	2	3	7	3	0	3.27	65.33	Good	
	Q. 7	2	1	12	1	0	3.25	65.00	Good	
140404 Electronics Measurement & Instrumentation	Q. 1	3	2	14	6	2	2.93	58.52	Average	27
	Q. 2	3	3	11	8	2	2.89	57.78	Average	
	Q. 3	4	6	10	5	2	3.19	63.70	Good	
	Q. 4	3	6	20	8	0	3.11	62.16	Good	
	Q. 5	2	3	17	4	1	3.04	60.74	Good	

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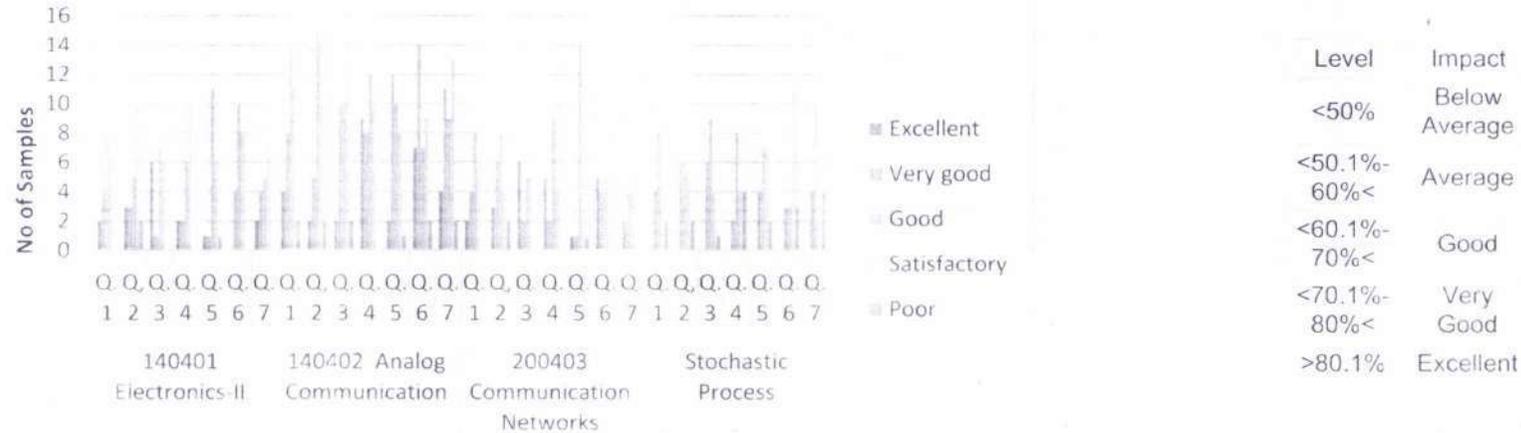
	Q. 6	1	5	14	5	2	2.93	58.52	Average
	Q. 7	3	3	18	2	1	3.19	63.70	Good

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

Student Curriculum Feedback Second year ET

S. No.	Subject	Suggestion	Action Taken
1	Stochastic Process	In Q.1-Q.7 of curriculum feedback the Impact was below average.	In the newly proposed flexible curriculum, this course has been updated and floated in higher semesters.



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Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140401 Electronics-II	Q. 1	2	4	8	6	0	3.10	62.00	Good	18
	Q. 2	3	3	5	10	2	3.78	65.65	Good	
	Q. 3	6	1	7	6	0	3.35	67.00	Good	
	Q. 4	2	2	6	10	0	3.80	66.00	Very Good	
	Q. 5	1	1	11	6	1	3.75	65.00	Good	
	Q. 6	0	4	10	8	0	3.82	66.36	Good	
	Q. 7	2	4	5	7	0	3.06	61.11	Good	
140402 Analog Communication	Q. 1	4	8	14	11	2	3.03	60.51	Good	39
	Q. 2	2	5	15	14	2	3.76	65.26	Good	
	Q. 3	2	10	10	15	2	3.87	67.44	Very Good	
	Q. 4	9	8	12	10	0	3.41	68.21	Good	
	Q. 5	2	12	10	8	1	3.18	63.64	Good	
	Q. 6	7	14	7	9	2	3.38	67.69	Good	
	Q. 7	4	11	9	13	2	3.05	61.03	Good	
200403 Communication Networks	Q. 1	2	4	8	6	0	3.10	62.00	Good	20
	Q. 2	3	6	8	4	2	3.17	63.48	Good	
	Q. 3	6	2	5	7	0	3.35	67.00	Good	
	Q. 4	5	2	9	4	0	3.40	68.00	Good	
	Q. 5	1	1	14	3	1	2.90	58.00	Average	
	Q. 6	5	4	5	8	0	3.27	65.45	Good	
	Q. 7	2	4	5	7	0	3.06	61.11	Good	
Stochastic Process	Q. 1	0	4	8	6	2	2.70	54.00	Average	20
	Q. 2	0	6	6	5	2	2.84	56.84	Average	
	Q. 3	0	6	9	4	1	3.00	60.00	Average	

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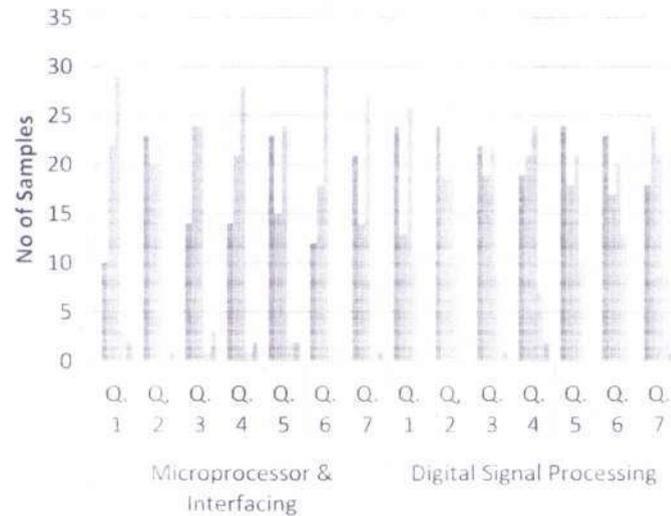
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Q. 4	0	2	8	4	4	2.44	48.89	Below Average
Q. 5	0	4	7	7	2	2.65	53.00	Average
Q. 6	0	3	3	11	3	2.30	46.00	Below Average
Q. 7	0	4	10	2	4	2.70	54.00	Average

*Average = $((1 \times \text{Poor} + 2 \times \text{Satisfactory} + 3 \times \text{Good} + 4 \times \text{Very Good} + 5 \times \text{Excellent}) / \text{Total})$

Analysis (%) = $(\text{Average} / 5) \times 100$

Student Curriculum Feedback Third year EC



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent


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Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Microprocessor & Interfacing	Q.1	10	22	29	3	2	3.53	70.61	Very Good	66
	Q.2	23	20	22	0	1	3.97	79.39	Very Good	
	Q.3	14	24	24	1	3	3.68	73.64	Very Good	
	Q.4	14	21	28	1	2	3.67	73.33	Very Good	
	Q.5	23	15	24	2	2	3.83	76.67	Very Good	
	Q.6	12	18	30	2	0	3.65	72.90	Very Good	
	Q.7	21	14	27	2	1	3.80	76.00	Very Good	
Digital Signal Processing	Q.1	24	13	26	10	0	3.70	73.97	Very Good	73
	Q.2	24	19	19	11	0	3.77	75.34	Very Good	
	Q.3	22	19	22	9	1	3.71	74.25	Very Good	
	Q.4	19	21	24	7	2	3.66	73.15	Very Good	
	Q.5	24	18	21	10	0	3.77	75.34	Very Good	
	Q.6	23	17	20	13	0	3.68	73.70	Very Good	
	Q.7	18	24	21	9	1	3.67	73.42	Very Good	

Average = $(1 \times \text{Poor} + 2 \times \text{Satisfactory} + 3 \times \text{Good} + 4 \times \text{Very Good} + 5 \times \text{Excellent}) / \text{Total}$

Analysis (%) = $(\text{Average} / 5) \times 100$

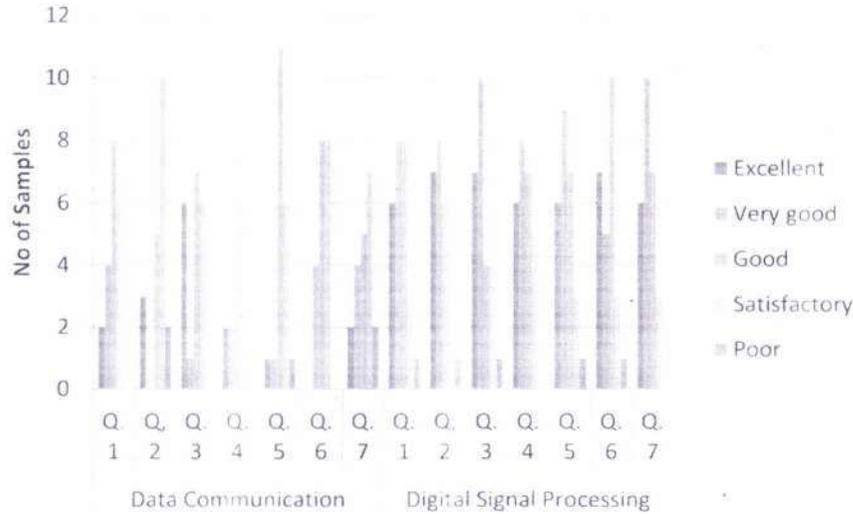
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Student Curriculum Feedback Third year ET



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Data Communication	Q. 1	2	4	8	6	0	3.10	62.00	Good	20
	Q. 2	3	0	5	10	2	3.60	62.00	Good	
	Q. 3	6	1	7	6	0	3.35	67.00	Good	
	Q. 4	2	2	6	10	0	3.80	66.00	Good	
	Q. 5	1	1	11	6	1	3.75	65.00	Good	
	Q. 6	0	4	8	8	0	3.80	66.00	Good	
	Q. 7	2	4	5	7	2	3.85	67.00	Good	


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Digital Signal Processing	Q.1	6	8	8	3	1	3.58	71.54	Very Good	26
	Q.2	7	8	6	4	1	3.62	72.31	Very Good	
	Q.3	7	10	4	4	1	3.69	73.85	Very Good	
	Q.4	6	8	7	5	0	3.58	71.54	Very Good	
	Q.5	6	9	7	3	1	3.62	72.31	Very Good	
	Q.6	7	5	10	3	1	3.54	70.77	Very Good	
	Q.7	6	10	7	3	0	3.73	74.62	Very Good	

* Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

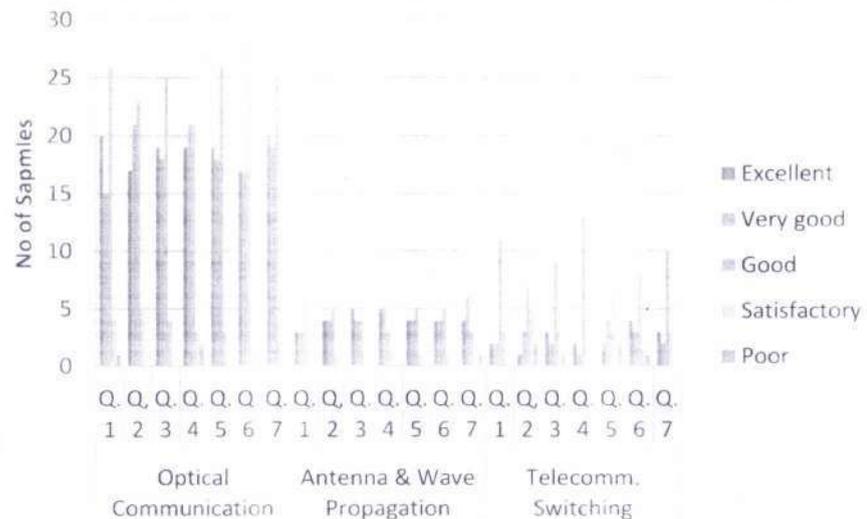
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Student Curriculum Feedback Third year EC & ET DE Subjects



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Optical Communication	Q. 1	20	15	26	4	1	4.55	90.91	Excellent	66
	Q. 2	17	21	23	5	0	3.86	77.27	Very Good	
	Q. 3	19	18	25	4	0	4.32	86.36	Excellent	
	Q. 4	19	21	21	3	2	4.32	86.36	Excellent	
	Q. 5	19	18	26	3	0	4.32	86.36	Excellent	

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(U.G.C.) Approved List, Accredited by U.S. & N.W.A. Accredited Instn. Affiliated to S.O.P., Bhopal

	Q. 6	17	17	28	3	1	3.86	77.27	Very Good	
	Q. 7	20	19	25	2	0	4.55	90.91	Excellent	
Antenna & Wave Propagation	Q. 1	3	3	6	2	0	3.50	70.00	Good	14
	Q. 2	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 3	5	4	4	1	0	3.93	78.57	Very Good	
	Q. 4	5	5	3	1	0	4.00	80.00	Very Good	
	Q. 5	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 6	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 7	4	6	3	0	1	3.86	77.14	Very Good	
Telecomm. Switching	Q. 1	2	2	11	3	0	3.17	63.33	Good	18
	Q. 2	1	3	7	5	2	2.78	55.56	Average	
	Q. 3	3	2	9	3	1	3.17	63.33	Good	
	Q. 4	2	1	13	2	0	3.17	63.33	Good	
	Q. 5	2	4	7	3	2	3.06	61.11	Good	
	Q. 6	4	3	8	2	1	3.39	67.78	Good	
	Q. 7	3	2	10	3	0	3.28	65.56	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Grade Aged Institute, Autonomous to NAAC, Approved by State Affiliation to RGPV, Bhopal)

Parents Satisfaction Survey Session Jan-June 2021

QUESTIONS

Q.1	How do you rate the availability of books & E-learning material in the institute library / website?
Q.2	Is any new course to be introduced- to meet current needs & technological changes?
Q.3	How do you rate the quality and relevance of the courses included in the programme of study.
Q.4	Your ward demonstrates knowledge of the recent trends and developments in the field.
Q.5	The institute provides good support for improving overall personality of your ward.
Q.6	The teaching, learning and evaluation system in the institute is good.

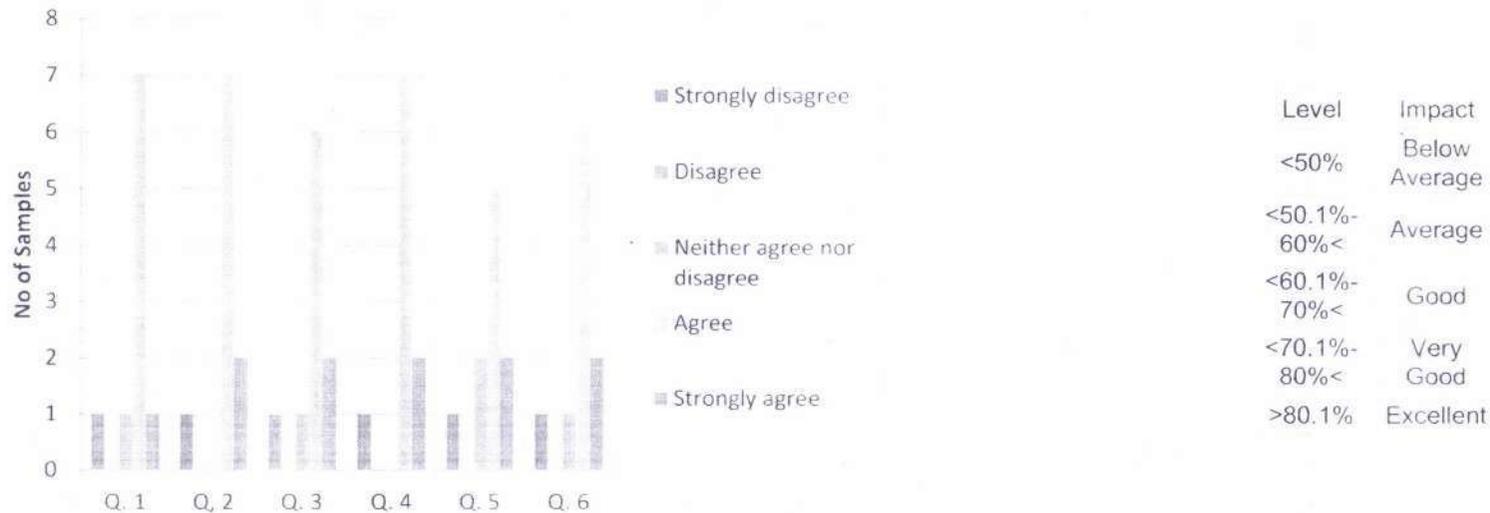
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Director, Electronics,
Madhav Institute of Technology & Science,
Gwalior, M.P.

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

[W.G.O.], [W.G.C.], Autonomous & NAAC Accredited Institute, [Gwalior], [M.P.], [Bhopal]

Parent Satisfaction Survey EC IIInd Year



Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	1	0	1	7	1	3.70	74.00	Very Good	10.00
Q.2	1	0	0	7	2	3.90	78.00	Very Good	
Q.3	1	0	1	6	2	3.80	76.00	Very Good	

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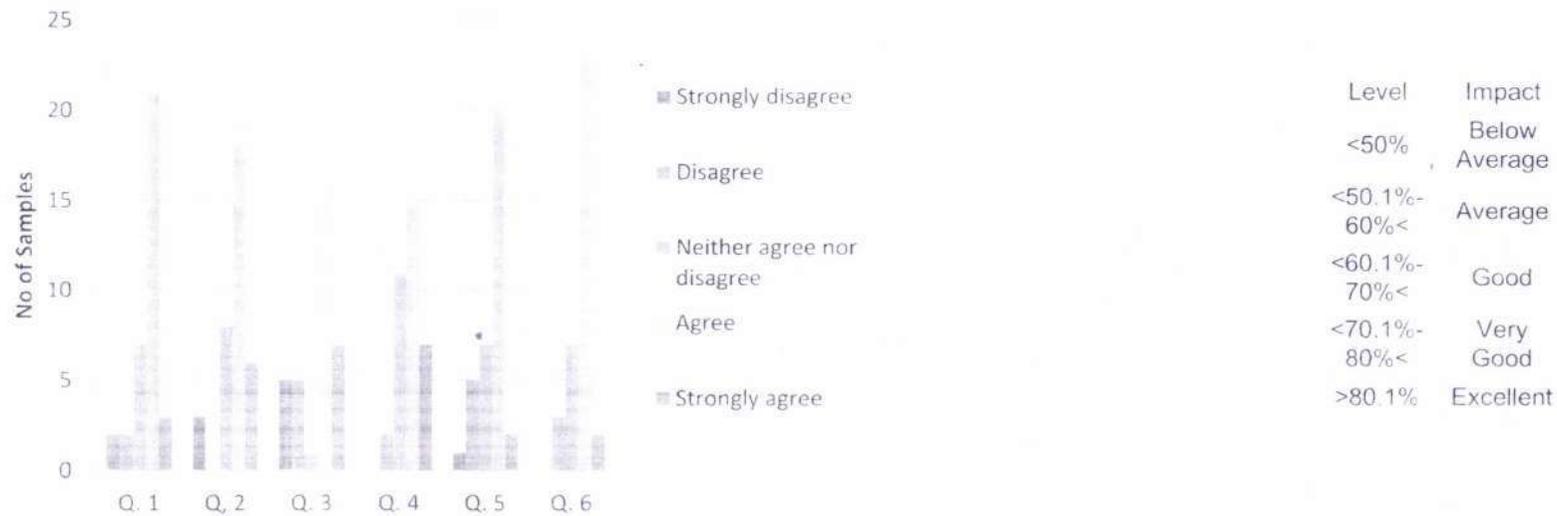
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Q.4	1	0	0	7	2	3.90	78.00	Very Good
Q.5	1	0	2	5	2	3.70	74.00	Very Good
Q.6	1	0	1	6	2	3.80	76.00	Very Good

Average = $(1 \times \text{Strongly Disagree} + 2 \times \text{Disagree} + 3 \times \text{Neutral} + 4 \times \text{Agree} + 5 \times \text{Completely Agree}) / \text{Total}$

Analysis (%) = $(\text{Average} / 5) \times 100$

Parents Satisfaction Survey ET Second Year



Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact
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Sample Size

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Department of Electronics

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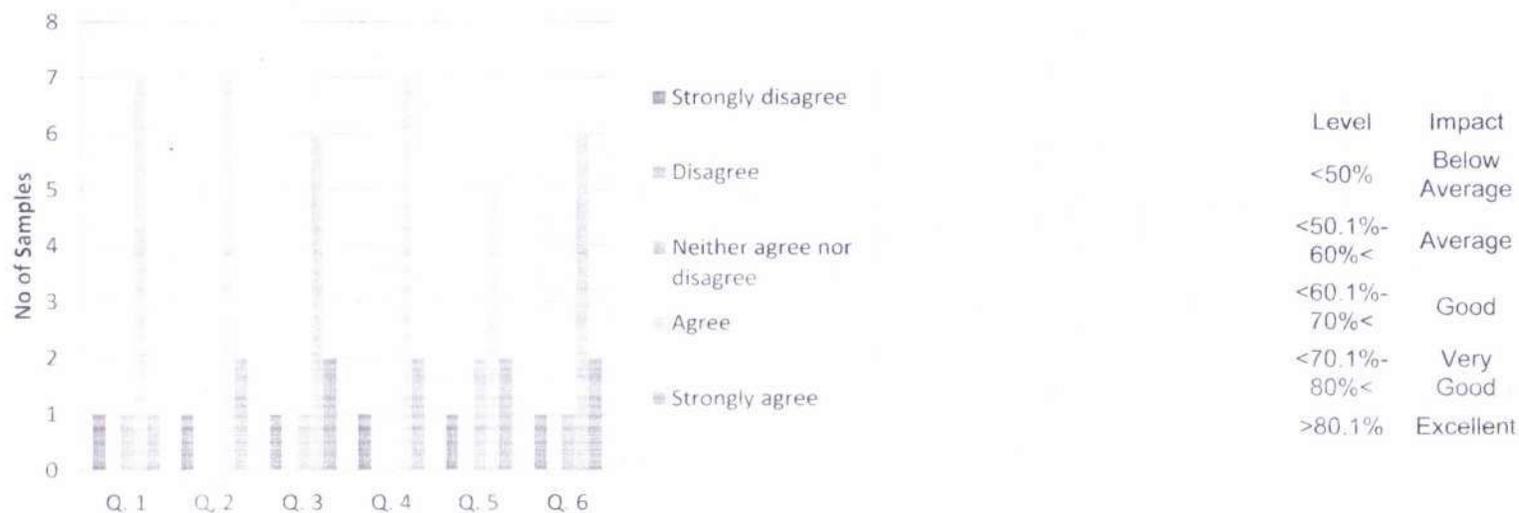
(Autonomous Institute) NAAC Accredited Institute Affiliated to RGPV, Bhopal

Q.1	2	2	7	21	3	3.6	72	Very Good	35.00
Q.2	3	0	8	18	6	3.685714	73.71429	Very Good	
Q.3	5	5	1	16	7	3.441176	68.82353	Good	
Q.4	0	2	11	15	7	3.771429	75.42857	Very Good	
Q.5	1	5	7	20	2	3.485714	69.71429	Good	
Q.6	0	3	7	23	2	3.685714	73.71429	Very Good	

* Average = $(1 \times \text{Strongly Disagree} + 2 \times \text{Disagree} + 3 \times \text{Neutral} + 4 \times \text{Agree} + 5 \times \text{Completely Agree}) / \text{Total}$

Analysis (%) = $(\text{Average} - 5) \times 100$

Parents Satisfaction Survey EC Second Year

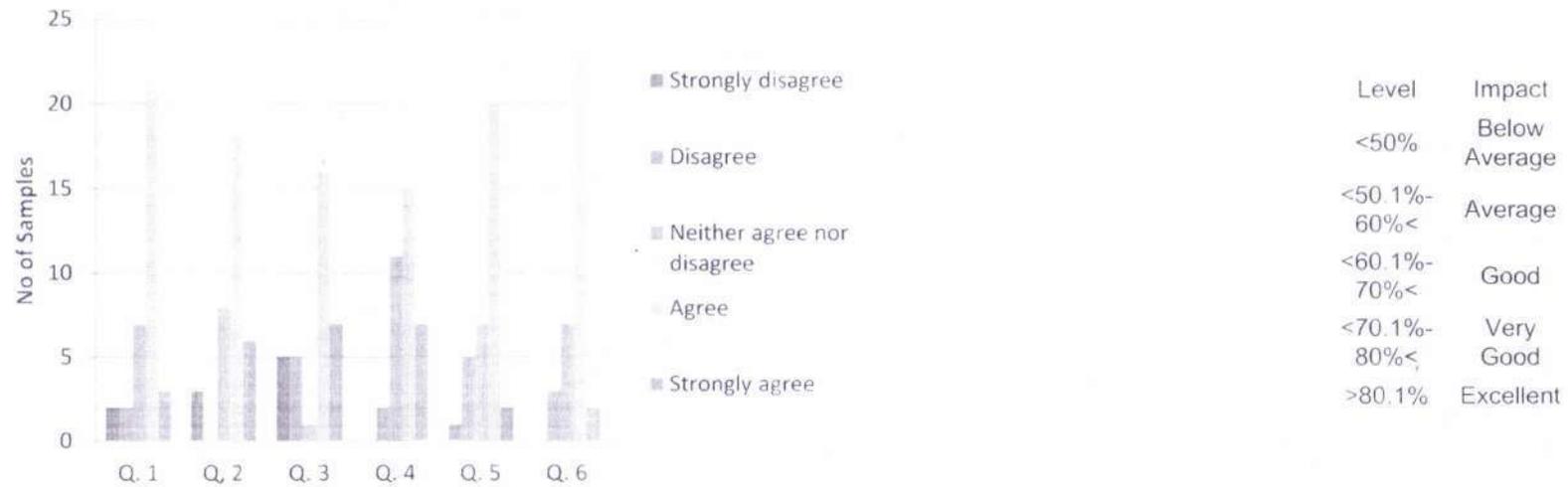


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Parents Satisfaction Survey EC 3rd Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	2	2	7	21	3	3.60	72.00	Very Good	
Q.2	3	0	8	18	6	3.69	73.71	Very Good	
Q.3	5	5	1	16	7	3.44	68.82	Good	
Q.4	0	2	11	15	7	3.77	75.43	Very Good	
Q.5	1	5	7	20	2	3.49	69.71	Good	

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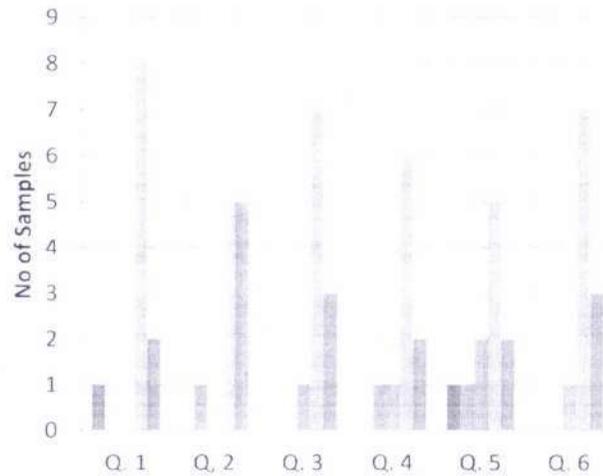
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Q. 6	0	3	7	23	2	3.69	73.71	Very Good
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Average = $(1 \times \text{Strongly Disagree} + 2 \times \text{Disagree} + 3 \times \text{Neutral} + 4 \times \text{Agree} + 5 \times \text{Completely Agree}) / \text{Total}$

Analysis (%) = $(\text{Average} / 5) \times 100$

Parents Satisfaction Survey ET 3rd Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	2	2	7	17	3	3.55	70.97	Very Good	31
Q.2	3	0	8	14	6	3.65	72.90	Very Good	
Q.3	5	5	1	12	7	3.37	67.33	Good	
Q.4	0	2	11	11	7	3.74	74.84	Very Good	
Q.5	1	5	7	16	2	3.42	68.39	Good	

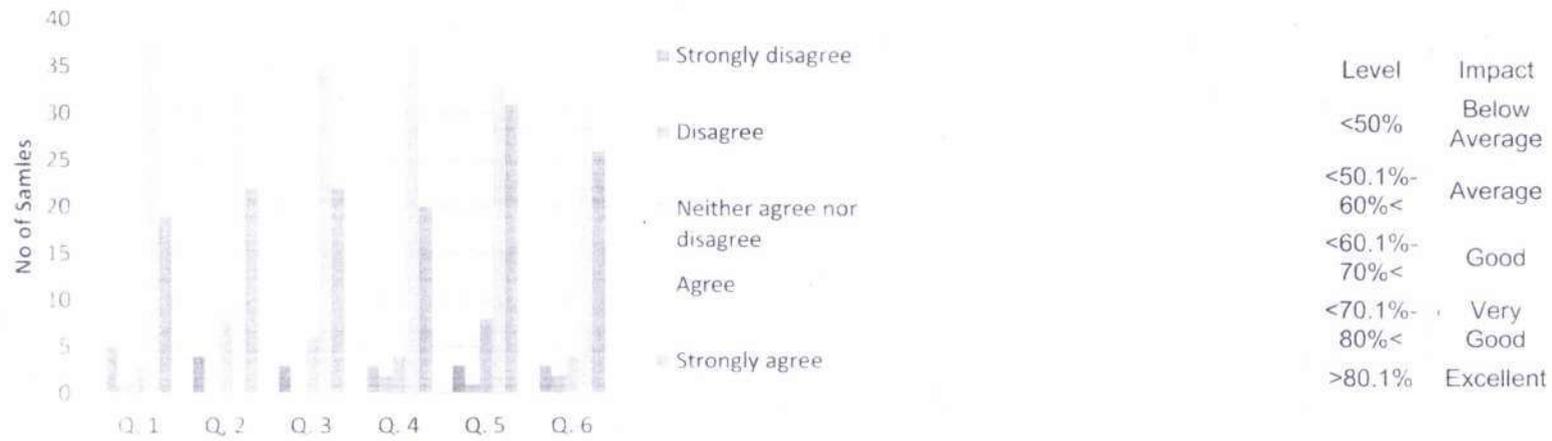
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Q. 6	0	3	7	19	2	3.65	72.90	Very Good
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Average = $(1 \times \text{Strongly Disagree} + 2 \times \text{Disagree} + 3 \times \text{Neutral} + 4 \times \text{Agree} + 5 \times \text{Completely Agree}) / \text{Total}$
 Analysis (%) = $(\text{Average} - 5) \times 100$

Parents Satisfaction Survey EC 4th Year



Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	5	1	3	38	19	3.98	79.70	Very Good	66.00
Q. 2	4	0	8	32	22	4.03	80.61	Excellent	
Q. 3	3	0	6	35	22	4.11	82.12	Excellent	
Q. 4	3	2	4	37	20	4.05	80.91	Excellent	

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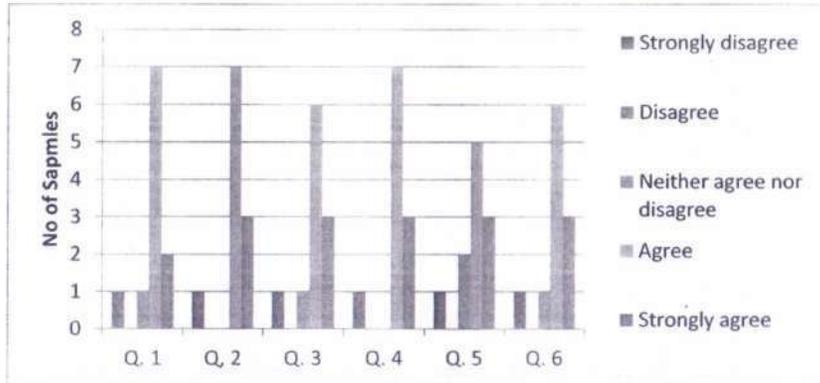
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Q. 5	3	1	8	33	31	4.16	83.16	Excellent
Q. 6	3	2	4	31	26	4.14	82.73	Excellent

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey ET 4th Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	1	0	1	7	2	3.82	76.36	Very Good	11.00
Q. 2	1	0	0	7	3	4.00	80.00	Very Good	
Q. 3	1	0	1	6	3	3.91	78.18	Very Good	
Q. 4	1	0	0	7	3	4.00	80.00	Very Good	
Q. 5	1	0	2	5	3	3.82	76.36	Very	

Q. 6	1	0	1	6	3	3.91	78.18	Good
								Very Good

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

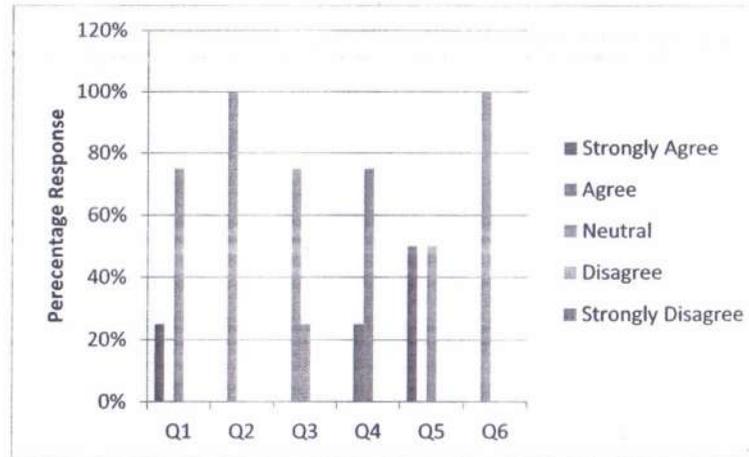
3 Employer Feedback on Course Content/Curriculum

Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall professional development of the student and enhance the demonstration ability to work well in a team.
Q. 5	The curriculum is capable of inculcating life-long learning abilities in students.
Q. 6	The curriculum is capable to transform the ethical values and social responsibility in students.

List of Employers who gave curriculum feedback:

S. No.	Name of the Employer	Name of the Organisation/ Industry:	Mobile/ Contact Number of the Employer:	Official/Personal Email Id of Employer:
1	Alahad Paranjape	3M India Ltd	8805004243	alahadparanjape@yahoo.co.in
2	Vitrava Technologies	Health Insurance Technology	8384030051	Manisha.gupta@vitratech.com
3	Vikash Jain	Pninfosys	70008 46823	vikasjain@pninfosys.co.in
4	Ashmita Agrawal	Self Employed	9899955806	Agrwl1007@gmail.com
5	Amitendra Shrivastava	Coral Business System	9425013160	coral.system@gmail.com
6	Khushboo Singh	Techzuke Software Services Pvt Ltd	09821791187	khushbootbsingh@gmail.com

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Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Mean	Analysis(%)	Sample Size
0.25	0	0.75	0	0	3.5	70	06
0	1	0	0	0	4	80	
0	0.75	0.25	0	0	3.75	75	
0	0.25	0.75	0	0	3.25	65	
0.5	0	0.5	0	0	4	80	
0	1	0	0	0	4	80	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

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Alumni Feedback

4 Summary of Curriculum Feedback from Alumni, It's Analysis and Impact is as follows:

Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall professional development of the student and enhance the demonstration ability to work well in a team.
Q. 5	The curriculum is capable of inculcating life-long learning abilities in students.

List of Alumni who gave curriculum feedback:

S. No.	Name	Email ID:	Mobile Number (For updation of Alumini Data Base)	Organization
1	Rohit Dohre	rohiddohre026@gmail.com	7247568043	IIT KANPUR
2	utkarsh badal	utkarsh.badal233@gmail.com	08839275327	Micron



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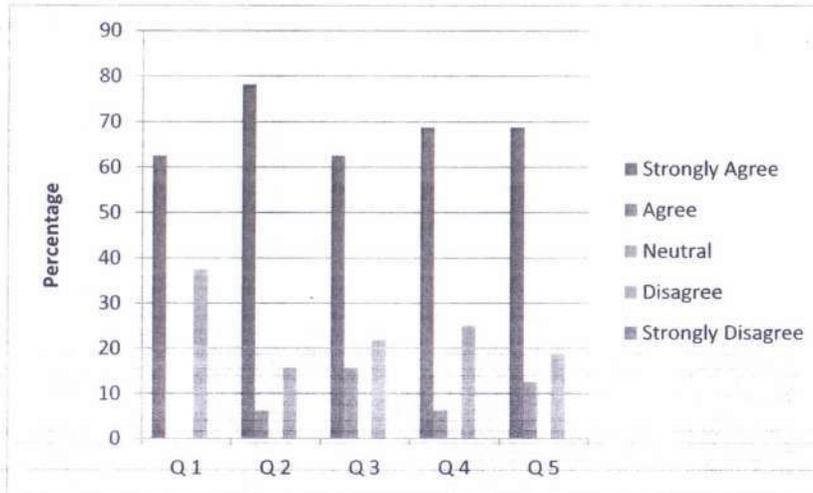
3	Prashansa Sinha	prashansasinha22@gmail.com	8871625915	Byju's IAS
4	Ankita Bansal	ankita.bansal0095@gmail.com	9074359354	2A Digital solutions
5	Tanya Soni	tanyasoni60@gmail.com	9685477167	Preparing for UPSC CSE
6	Manoj Kumar	manoj05031996@gmail.com	8964023453	Accenture Plc
7	Pranjali Singh	pranjalisingh24@gmail.com	8989132064	Accenture
8	nalinashay keshrwani	nalinashay@gmail.com	8602816966	American Express
9	Radhika Awasthi	awasthiradhika11196@gmail.com	09713020472	ZF INDIA PVT LTD
10	Shraddha Kushaah	shraddha.kushwah1503@gmail.com	8878353922	ICICI Bank
11	Shubham kumar mahoria	shubhamkumarmahoria@gmail.com	9131081489	Infosys Ltd
12	Sarvottam Kumar Singh	sarvottamkum31@gmail.com	6263253441	Infosys
13	Nitish Rajoria	rajorianitish308@gmail.com	09644268777	Colour Beats Production
14	Sakshi Agrawal	agrawalsakshi087@gmail.com	9893283185	Accenture
15	Tithi Jaiswal	tithijaiswal21@gmail.com	+918966060891	PDPM IIITDM Jabalpur M.P.
16	Shivangi Paharia	sona4paharia@gmail.com	9098216677	Qualcomm
17	Amrisha singh bhadoria	amrisha1907amrisha@gmail.com	+918962620636	Self
18	Shivangi Kushwah	shivangikshwh@gmail.com	08109963252	ABInBev
19	RAVI PRATAP SINGH	raviashutoshsingh@gmail.com	8989599514	Impetus
20	Anuj Pahariya	anujpahariya36@gmail.com	7049232349	Maulana Azad National Institute of Technology
21	Deepak Kumar	imdeepak.mits@gmail.com	08139067830	Accenture Solutions Pvt Ltd
22	Prachi Jain	Jainprachi0004@gmail.com	9131773208	Epam
23	Ashish kawat	ashishkawat01@gmail.com	8305806410	JEC
24	Kardam Dangi	kardamdangi65382@gmail.com	8085325635	ZS Associates
25	Shivam Sharma	luckyshivamsharma@gmail.com	8839396084	Samsung R&D Bangalore
26	Shashwat Shrivastava	shashwatvsss@gmail.com	8982406982	Tata Consultancy Services

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27	Ritesh Rawat	riteshrawat96@gmail.com	8225802387	Madhya pradesh Gramin bank
28	Abhishek Patel	patelabhishek330@gmail.com	9144418241	Global foundries
29	Vikas Kumar Sharma	svikaskumar349@gmail.com	8602780245	Infosys
30	Rajat Ojha	Rjtojha1554@gmail.com	08827010028	ICICI Bank
31	Neha shrivastava	shrivastavaneha93@gmail.com	7000710187	Celebrity Anchor, DJ



Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Mean	Analysis(%)	Sample
25%	0%	75%	0%	0%	3.5	70	33
0%	100%	0%	0%	0%	4	80	

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0%	75%	25%	0%	0%	3.75	75
0%	25%	75%	0%	0%	3.25	65
50%	0%	50%	0%	0%	4	80
0%	100%	0%	0%	0%	4	80

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Department of Electronics Engineering

Teacher Course feedback Session Jan-June 2021

Questions

- Q1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- Q2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- Q3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- Q4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed), please give below]
- Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
- Q6. The environment of department/institute is conducive for innovative teaching and research
- Q7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment)
- Q8. The institute provides basic infrastructural facilities required for teaching learning. (Please comment)
- Q9. You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)
- Q10. In general you are satisfied with your work environment and institute culture..(Please comment)

(i) Honours:

(ii) Minor specialization:

(iii) Departmental electives:

Course Satisfaction Index (CSI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Average, 2: Agree 1: Strongly disagree)

Select your course	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
Embedded Systems (900105)	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
Communication Networks (140403/200403)	5	5	5	4	5	Yes	Yes	Yes	Yes	Yes
Optical Communication (140611/ 200611)	5	5	5	5	4	yes	yes	yes	yes	yes
Analog Communication (140402 200402)	4	5	4	4	5	Yes	Yes	Yes	Yes	Yes
Intelligent Control (900104)	4	5	4	4	4	Good	Yes	Yes	Yes	Yes
Analog Communication (140402 200402)	5	5	5	5	5	Good	Yes	Yes	Yes	Yes
Electronics-II (140401 / 200401)	5	5	5	5	5	good	yes	yes	yes	satisfied
Electronics-II (140401 / 200401)	3	4	4	4	4	Good	Good	Good	Good	Satisfied
Data Communication (140503 / 200602)	5	5	5	5	5	Yes	Yes	Average	Yes	Yes
Stochastic Process in Communication (200404)	2	4	4	4	4					
Digital Signal Processing (140602/ 200601)	5	5	5	5	4	as it is really very helpf	Yes definitely	Yes	Yes	Yes
Microprocessor and Interfacing (140601/ 200503)	4	4	4	5	5	yes	yes	yes		yes

Courses Suggested by Teachers for :

(i) Honours: Nano Electronics, Semiconductor Device: Physics and Technology

(ii) Minor specialization: Nano Electronics

(iii) Departmental electives: Micro Electronics

(iv) Open electives: Micro Electronics

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								Good
Q. 6	1	0	1	6	3	3.91	78.18	Very Good

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

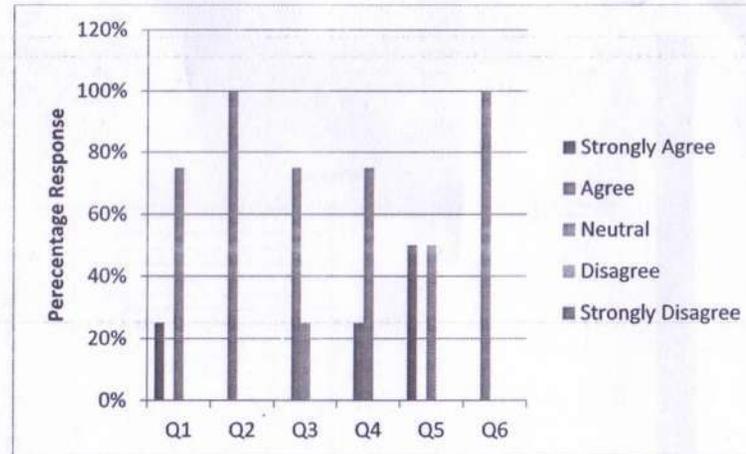
3 Employer Feedback on Course Content/Curriculum

Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall professional development of the student and enhance the demonstration ability to work well in a team.
Q. 5	The curriculum is capable of inculcating life-long learning abilities in students.
Q. 6	The curriculum is capable to transform the ethical values and social responsibility in students.

List of Employers who gave curriculum feedback:

S. No.	Name of the Employer	Name of the Organisation/ Industry:	Mobile/ Contact Number of the Employer:	Official/Personal Email Id of Employer:
1	Alahad Paranjape	3M India Ltd	8805004243	alahadparanjape@yahoo.co.in
2	Vitraya Technologies	Health Insurance Technology	8384030051	Manisha.gupta@vitrayatech.com
3	Vikash Jain	Pninfosys	70008 46823	vikasjain@pninfosys.co.in
4	Ashmita Agrawal	Self Employed	9899955806	Agrw11007@gmail.com
5	Amitendra Shrivastava	Coral Business System	9425013160	coral.system@gmail.com
6	Khushboo Singh	Techzuke Software Services Pvt Ltd	09821791187	khushbootbsingh@gmail.com





Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Mean	Analysis(%)	Sample Size
0.25	0	0.75	0	0	3.5	70	06
0	1	0	0	0	4	80	
0	0.75	0.25	0	0	3.75	75	
0	0.25	0.75	0	0	3.25	65	
0.5	0	0.5	0	0	4	80	
0	1	0	0	0	4	80	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

2. Parents Satisfaction Survey Session Jan-June 2021:

Questions:

Q.1	How do you rate the availability of books & E-learning material in the institute library / website?
Q.2	Is any new course to be introduced- to meet current needs & technological changes?
Q.3	How do you rate the quality and relevance of the courses included in the programme of study.
Q.4	Your ward demonstrates knowledge of the recent trends and developments in the field.
Q.5	The institute provides good support for improving overall personality of your ward.
Q.6	The teaching, learning and evaluation system in the institute is good.

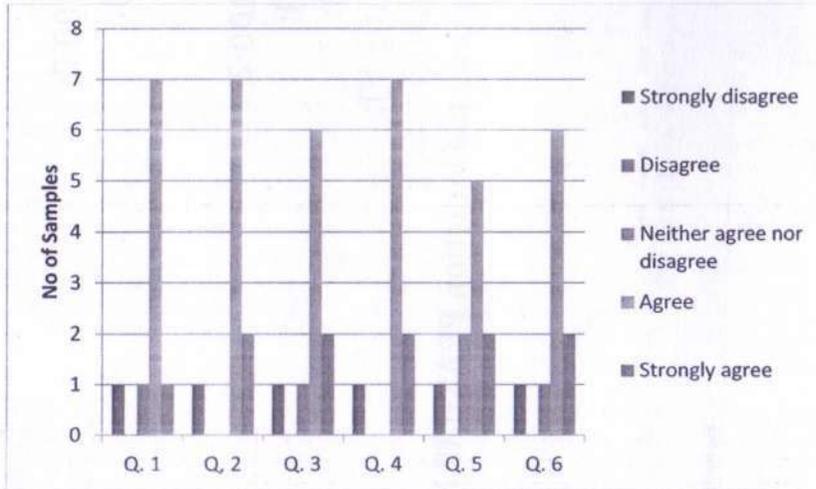


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Technology & Science

Parent Satisfaction Survey EC IInd Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

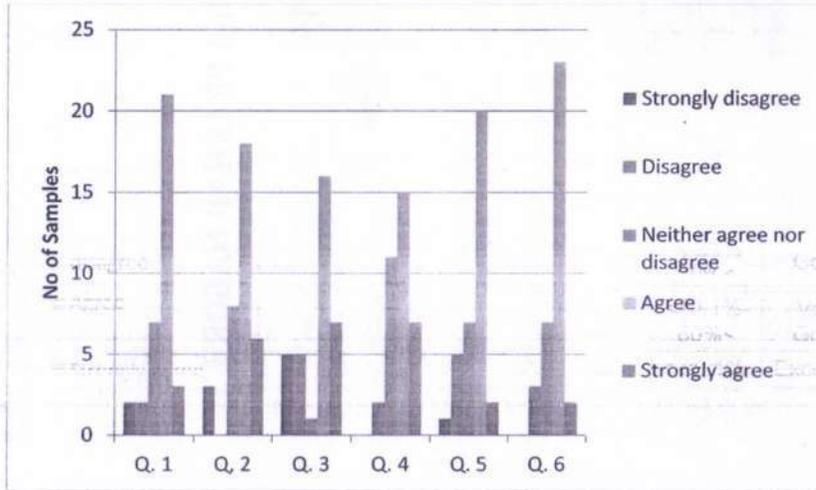
Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	1	0	1	7	1	3.70	74.00	Very Good	10.00
Q.2	1	0	0	7	2	3.90	78.00	Very Good	
Q.3	1	0	1	6	2	3.80	76.00	Very Good	

Q. 4	1	0	0	7	2	3.90	78.00	Very Good
Q. 5	1	0	2	5	2	3.70	74.00	Very Good
Q. 6	1	0	1	6	2	3.80	76.00	Very Good

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey ET Second Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	2	7	3	21	3	3.90	78.00	Very Good	36
Q. 2	3	8	6	18	5	3.70	74.00	Very Good	39
Q. 3	5	5	1	16	7	3.80	76.00	Very Good	36
Q. 4	2	11	7	15	7	3.90	78.00	Very Good	32
Q. 5	1	5	7	20	2	3.70	74.00	Very Good	35
Q. 6	3	7	2	23	2	3.80	76.00	Very Good	37

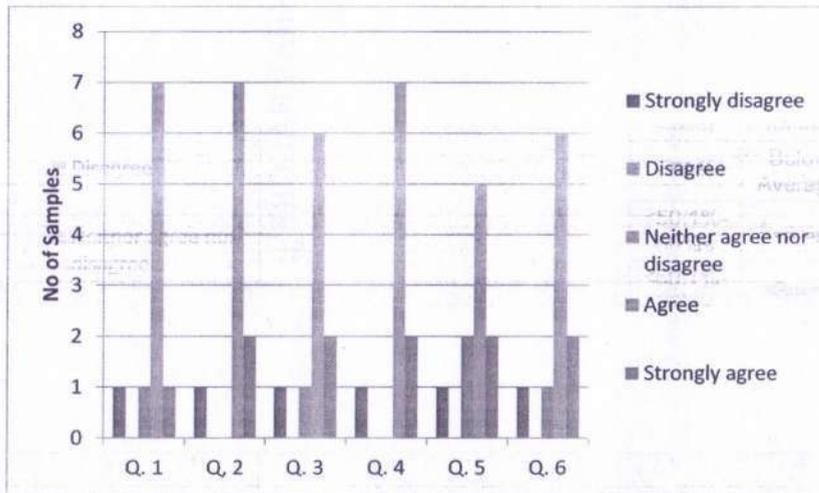
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Q. 1	2	2	7	21	3	3.6	72	Very Good	35.00
Q. 2	3	0	8	18	6	3.685714	73.71429	Very Good	
Q. 3	5	5	1	16	7	3.441176	68.82353	Good	
Q. 4	0	2	11	15	7	3.771429	75.42857	Very Good	
Q. 5	1	5	7	20	2	3.485714	69.71429	Good	
Q. 6	0	3	7	23	2	3.685714	73.71429	Very Good	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey EC Second Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	1	0	1	7	1	3.70	74.00	Very Good	10.00
Q.2	1	0	0	7	2	3.90	78.00	Very Good	
Q.3	1	0	1	6	2	3.80	76.00	Very Good	
Q.4	1	0	0	7	2	3.90	78.00	Very Good	
Q.5	1	0	2	5	2	3.70	74.00	Very Good	
Q.6	1	0	1	6	2	3.80	76.00	Very Good	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100


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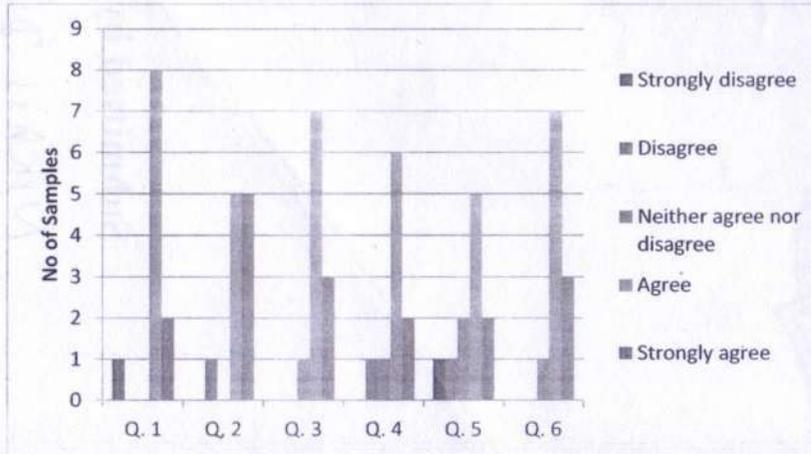
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Q. 6	0	3	7	23	2	3.69	73.71	Very Good
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*Average = $((1 \times \text{Strongly Disagree} + 2 \times \text{Disagree} + 3 \times \text{Neutral} + 4 \times \text{Agree} + 5 \times \text{Completely Agree}) / \text{Total})$

Analysis (%) = $(\text{Average} / 5) \times 100$

Parents Satisfaction Survey ET 3rd Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	2	2	7	17	3	3.55	70.97	Very Good	31
Q.2	3	0	8	14	6	3.65	72.90	Very Good	
Q.3	5	5	1	12	7	3.37	67.33	Good	
Q.4	0	2	11	11	7	3.74	74.84	Very Good	
Q.5	1	5	7	16	2	3.42	68.39	Good	

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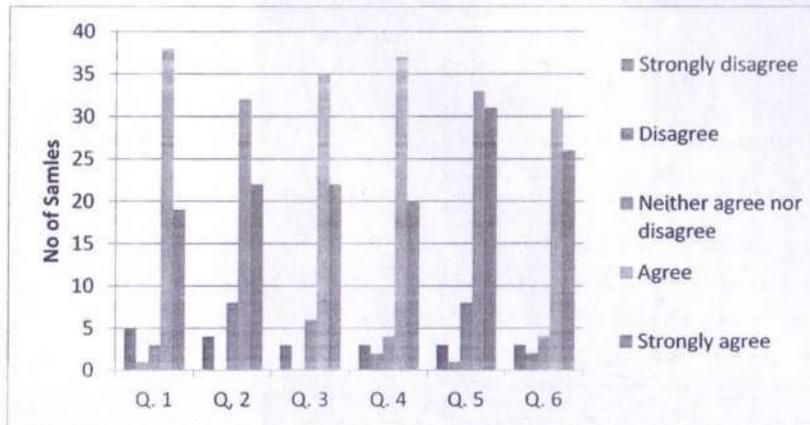
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Q. 6	0	3	7	19	2	3.65	72.90	Very Good
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*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey EC 4th Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	5	1	3	38	19	3.98	79.70	Very Good	66.00
Q. 2	4	0	8	32	22	4.03	80.61	Excellent	
Q. 3	3	0	6	35	22	4.11	82.12	Excellent	
Q. 4	3	2	4	37	20	4.05	80.91	Excellent	

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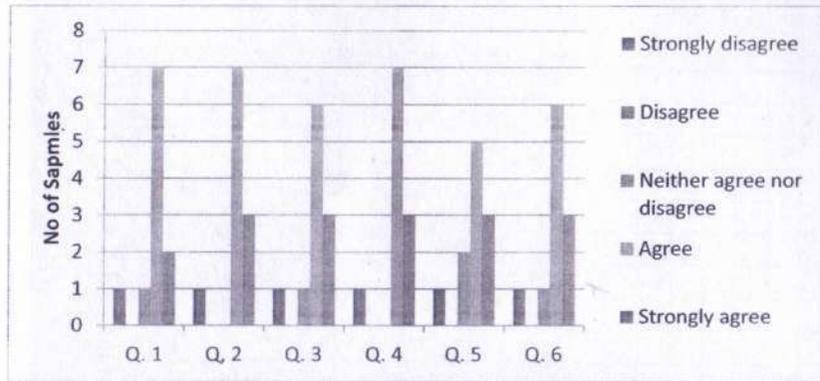
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Q. 5	3	1	8	33	31	4.16	83.16	Excellent
Q. 6	3	2	4	31	26	4.14	82.73	Excellent

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey ET 4th Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	1	0	1	7	2	3.82	76.36	Very Good	11.00
Q. 2	1	0	0	7	3	4.00	80.00	Very Good	
Q. 3	1	0	1	6	3	3.91	78.18	Very Good	
Q. 4	1	0	0	7	3	4.00	80.00	Very Good	
Q. 5	1	0	2	5	3	3.82	76.36	Very	

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Q.6	1	0	1	6	3	3.91	78.18	Good	
								Very Good	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

3 Employer Feedback on Course Content/Curriculum

Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall professional development of the student and enhance the demonstration ability to work well in a team.
Q. 5	The curriculum is capable of inculcating life-long learning abilities in students.
Q. 6	The curriculum is capable to transform the ethical values and social responsibility in students.

List of Employers who gave curriculum feedback:

S. No.	Name of the Employer	Name of the Organisation/ Industry:	Mobile/ Contact Number of the Employer:	Official/Personal Email Id of Employer:
1	Alahad Paranjape	3M India Ltd	8805004243	alahadparanjape@yahoo.co.in
2	Vitraya Technologies	Health Insurance Technology	8384030051	Manisha.gupta@vitrayatech.com
3	Vikash Jain	Pninfosys	70008 46823	vikasjain@pninfosys.co.in
4	Ashmita Agrawal	Self Employed	9899955806	Agrwl1007@gmail.com
5	Amitendra Shrivastava	Coral Business System	9425013160	coral.system@gmail.com
6	Khushboo Singh	Techzuke Software Services Pvt Ltd	09821791187	khushbootbsingh@gmail.com

Department of Electronics Engineering**Item 24 Curriculum Feedbacks:**

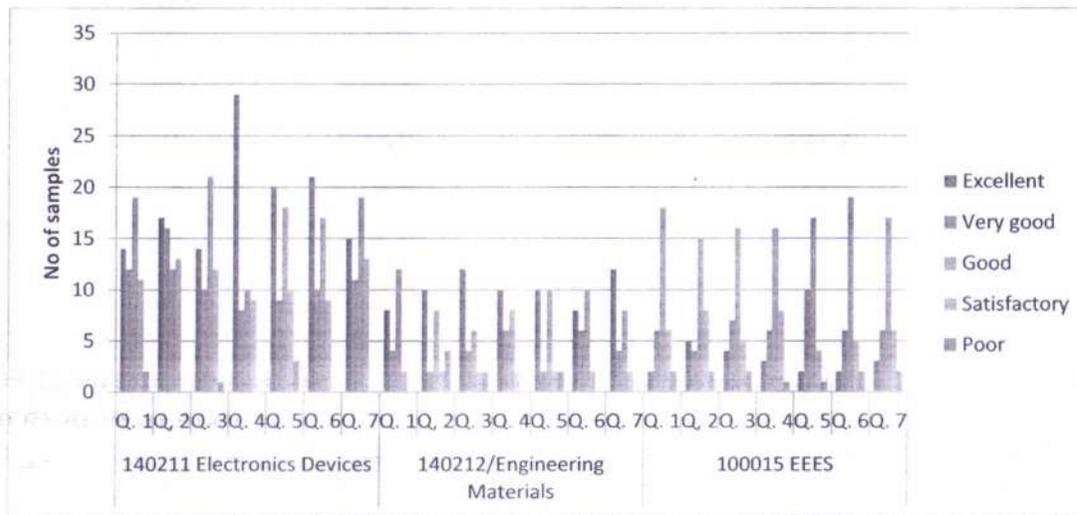
1. Student Curriculum Feedback Session Jan-June 2021:

Questions:

Q. 1	The course is well designed
Q. 2	The syllabus units are balanced
Q. 3	The learning material was available to you
Q. 4	The content was clear and easy to understand
Q. 5	The course was relevant and updated for present needs
Q. 6	The course meets your career expectations
Q. 7	The course will be useful to meet your higher studies/future aspirations.

Student Curriculum Feedback First year EC

S. No.	Subject	Suggestion	Action Taken
1	Energy Ecology Environment & Society	In Q.1 of curriculum feedback the Impact was average.	In the newly proposed course of EEES the syllabus has been updated accordingly.



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140211 Electronics Devices	Q. 1	14	12	19	11	2	3.43	68.62	Good	58
	Q. 2	17	16	12	13	0	3.64	72.76	Very Good	

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	Q.3	14	10	21	12	1	3.41	68.28	Good	26
	Q.4	29	8	10	9	0	4.02	80.36	Excellent	
	Q.5	20	9	18	10	3	3.55	71.00	Very Good	
	Q.6	21	10	17	9	0	3.75	75.09	Very Good	
	Q.7	15	11	19	13	0	3.48	69.66	Good	
140212/Engineering Materials	Q.1	8	4	12	2	0	3.69	73.85	Very Good	
	Q.2	10	2	8	2	4	3.46	69.23	Good	
	Q.3	12	4	6	2	2	3.85	76.92	Very Good	
	Q.4	10	6	8	2	0	3.92	78.46	Very Good	
	Q.5	10	2	10	2	2	3.62	72.31	Very Good	
	Q.6	8	6	10	2	0	3.77	75.38	Very Good	
	Q.7	12	4	8	2	0	4.00	80.00	Very Good	
100015 EEES	Q.1	2	6	18	6	2	3.00	60.00	Average	63
	Q.2	5	4	15	8	2	3.06	61.18	Good	
	Q.3	4	7	16	5	2	3.18	63.53	Good	
	Q.4	3	6	16	8	1	3.06	61.18	Good	
	Q.5	2	10	17	4	1	3.24	64.71	Good	
	Q.6	2	6	19	5	2	3.03	60.59	Good	
	Q.7	3	6	17	6	2	3.06	61.18	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

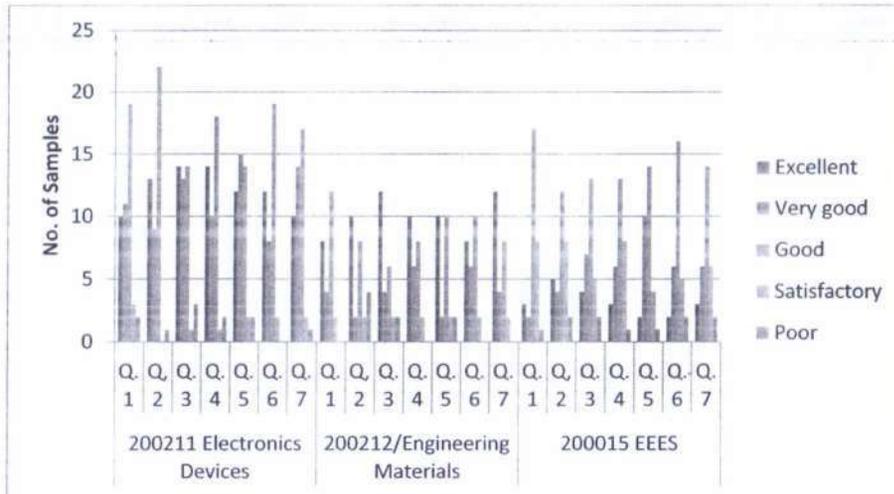

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Student Curriculum Feedback First year ET



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis	Impact	Sample Size
200211 Electronics Devices	Q. 1	10	11	19	3	2	3.53	70.67	Very Good	45
	Q. 2	13	9	22	0	1	3.73	74.67	Very Good	
	Q. 3	14	13	14	1	3	3.76	75.11	Very Good	
	Q. 4	14	10	18	1	2	3.73	74.67	Very Good	
	Q. 5	12	15	14	2	2	3.73	74.67	Very Good	
	Q. 6	12	8	19	2	0	3.73	74.63	Very Good	

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	Q. 7	10	14	17	2	1	3.68	73.64	Very Good	34
200212/Engineering Materials	Q. 1	8	4	12	2	0	3.69	73.85	Very Good	
	Q. 2	10	2	8	2	4	3.46	69.23	Good	
	Q. 3	12	4	6	2	2	3.85	76.92	Very Good	
	Q. 4	10	6	8	2	0	3.92	78.46	Very Good	
	Q. 5	10	2	10	2	2	3.62	72.31	Very Good	
	Q. 6	8	6	10	2	0	3.77	75.38	Very Good	
	Q. 7	12	4	8	2	0	4.00	80.00	Very Good	
200015 EEES	Q. 1	7	2	12	10	0	3.19	63.87	Good	31
	Q. 2	5	4	12	8	2	3.06	61.29	Good	
	Q. 3	4	7	13	5	2	3.19	63.87	Good	
	Q. 4	3	6	13	8	1	3.06	61.29	Good	
	Q. 5	2	10	14	4	1	3.26	65.16	Good	
	Q. 6	2	6	16	5	2	3.03	60.65	Good	
	Q. 7	3	6	14	6	2	3.06	61.29	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

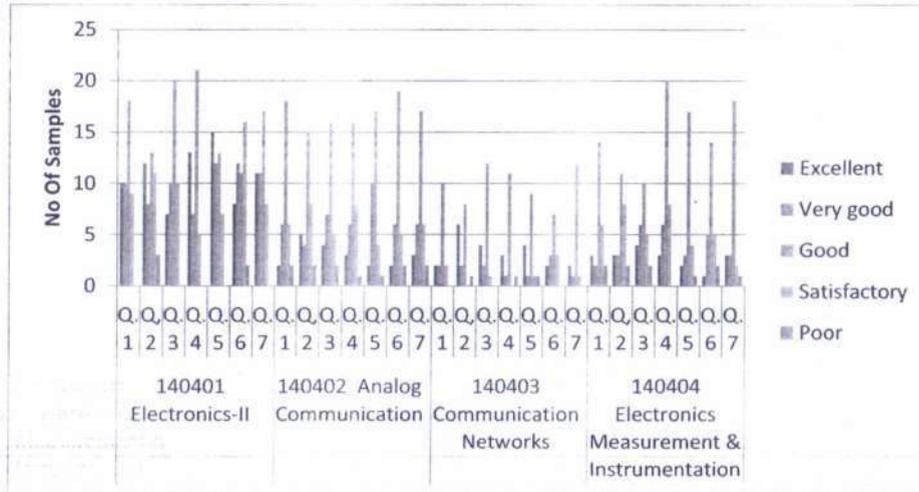
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Student Curriculum Feedback Second year EC

S. No.	Subject	Suggestion	Action Taken
1	Electronics Measurement & Instrumentation	In Q.1, 2 and 6 of curriculum feedback the Impact was average.	In the newly proposed Flexible curriculum the course has been updated accordingly.



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140401 Electronics-II	Q.1	10	10	18	9	0	3.45	68.94	Good	47
	Q.2	12	8	13	11	3	3.32	66.38	Good	
	Q.3	7	10	20	10	0	3.30	65.96	Good	

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	Q. 4	13	7	21	5	0	3.61	72.17	Very Good	
	Q. 5	15	12	13	7	0	3.74	74.89	Very Good	
	Q. 6	8	12	11	16	2	3.16	63.27	Good	
	Q. 7	11	11	17	8	0	3.53	70.64	Very Good	
140402 Analog Communication	Q. 1	2	6	18	6	2	3.00	60.00	Average	34
	Q. 2	5	4	15	8	2	3.06	61.18	Good	
	Q. 3	4	7	16	5	2	3.18	63.53	Good	
	Q. 4	3	6	16	8	1	3.06	61.18	Good	
	Q. 5	2	10	17	4	1	3.24	64.71	Good	
	Q. 6	2	6	19	5	2	3.03	60.59	Good	
	Q. 7	3	6	17	6	2	3.06	61.18	Good	
140403 Communication Networks	Q. 1	2	2	10	2	0	3.25	65.00	Good	16
	Q. 2	6	2	8	0	1	3.71	74.12	Very Good	
	Q. 3	4	2	12	1	0	3.47	69.47	Good	
	Q. 4	3	1	11	0	1	3.31	66.25	Good	
	Q. 5	4	1	9	1	1	3.38	67.50	Good	
	Q. 6	2	3	7	3	0	3.27	65.33	Good	
	Q. 7	2	1	12	1	0	3.25	65.00	Good	
140404 Electronics Measurement & Instrumentation	Q. 1	3	2	14	6	2	2.93	58.52	Average	27
	Q. 2	3	3	11	8	2	2.89	57.78	Average	
	Q. 3	4	6	10	5	2	3.19	63.70	Good	
	Q. 4	3	6	20	8	0	3.11	62.16	Good	
	Q. 5	2	3	17	4	1	3.04	60.74	Good	

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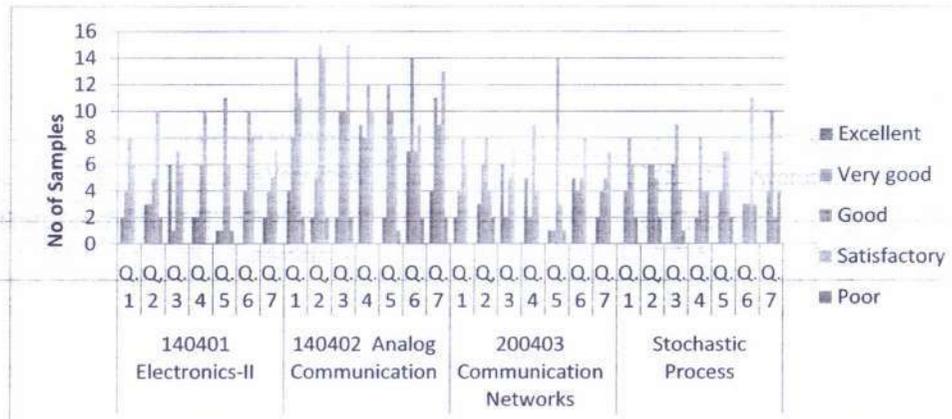
	Q. 6	1	5	14	5	2	2.93	58.52	Average
	Q. 7	3	3	18	2	1	3.19	63.70	Good

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

Student Curriculum Feedback Second year ET

S. No.	Subject	Suggestion	Action Taken
1	Stochastic Process	In Q.1-Q.7 of curriculum feedback the Impact was below average.	In the newly proposed flexible curriculum, this course has been updated and floated in higher semesters.



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140401 Electronics-II	Q.1	2	4	8	6	0	3.10	62.00	Good	18
	Q.2	3	3	5	10	2	3.78	65.65	Good	
	Q.3	6	1	7	6	0	3.35	67.00	Good	
	Q.4	2	2	6	10	0	3.80	66.00	Very Good	
	Q.5	1	1	11	6	1	3.75	65.00	Good	
	Q.6	0	4	10	8	0	3.82	66.36	Good	
	Q.7	2	4	5	7	0	3.06	61.11	Good	
140402 Analog Communication	Q.1	4	8	14	11	2	3.03	60.51	Good	39
	Q.2	2	5	15	14	2	3.76	65.26	Good	
	Q.3	2	10	10	15	2	3.87	67.44	Very Good	
	Q.4	9	8	12	10	0	3.41	68.21	Good	
	Q.5	2	12	10	8	1	3.18	63.64	Good	
	Q.6	7	14	7	9	2	3.38	67.69	Good	
	Q.7	4	11	9	13	2	3.05	61.03	Good	
200403 Communication Networks	Q.1	2	4	8	6	0	3.10	62.00	Good	20
	Q.2	3	6	8	4	2	3.17	63.48	Good	
	Q.3	6	2	5	7	0	3.35	67.00	Good	
	Q.4	5	2	9	4	0	3.40	68.00	Good	
	Q.5	1	1	14	3	1	2.90	58.00	Average	
	Q.6	5	4	5	8	0	3.27	65.45	Good	
	Q.7	2	4	5	7	0	3.06	61.11	Good	
Stochastic Process	Q.1	0	4	8	6	2	2.70	54.00	Average	20
	Q.2	0	6	6	5	2	2.84	56.84	Average	
	Q.3	0	6	9	4	1	3.00	60.00	Average	


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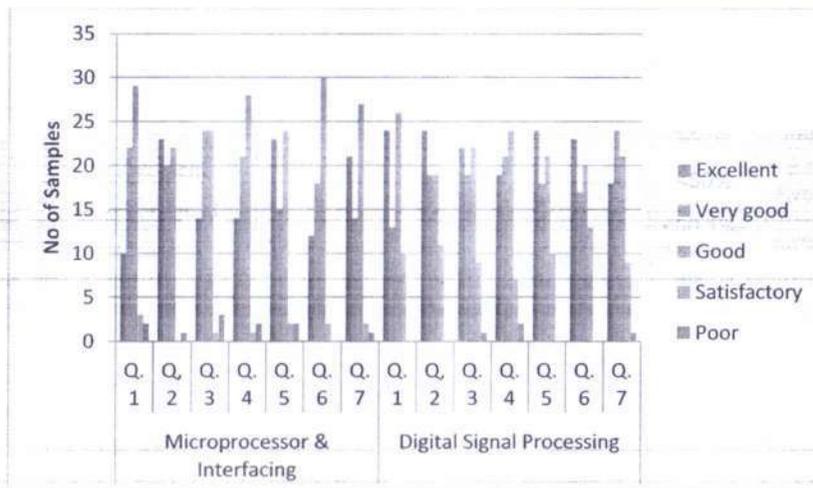
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	Q. 4	0	2	8	4	4	2.44	48.89	Below Average
	Q. 5	0	4	7	7	2	2.65	53.00	Average
	Q. 6	0	3	3	11	3	2.30	46.00	Below Average
	Q. 7	0	4	10	2	4	2.70	54.00	Average

*Average = $((1*Poor+2*Satisfactory+3*Good+4*Very\ Good+5*Excellent)/Total)$

Analysis (%) = $(Average/5)*100$

Student Curriculum Feedback Third year EC



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Microprocessor & Interfacing	Q. 1	10	22	29	3	2	3.53	70.61	Very Good	66
	Q. 2	23	20	22	0	1	3.97	79.39	Very Good	
	Q. 3	14	24	24	1	3	3.68	73.64	Very Good	
	Q. 4	14	21	28	1	2	3.67	73.33	Very Good	
	Q. 5	23	15	24	2	2	3.83	76.67	Very Good	
	Q. 6	12	18	30	2	0	3.65	72.90	Very Good	
	Q. 7	21	14	27	2	1	3.80	76.00	Very Good	
Digital Signal Processing	Q. 1	24	13	26	10	0	3.70	73.97	Very Good	73
	Q. 2	24	19	19	11	0	3.77	75.34	Very Good	
	Q. 3	22	19	22	9	1	3.71	74.25	Very Good	
	Q. 4	19	21	24	7	2	3.66	73.15	Very Good	
	Q. 5	24	18	21	10	0	3.77	75.34	Very Good	
	Q. 6	23	17	20	13	0	3.68	73.70	Very Good	
	Q. 7	18	24	21	9	1	3.67	73.42	Very Good	

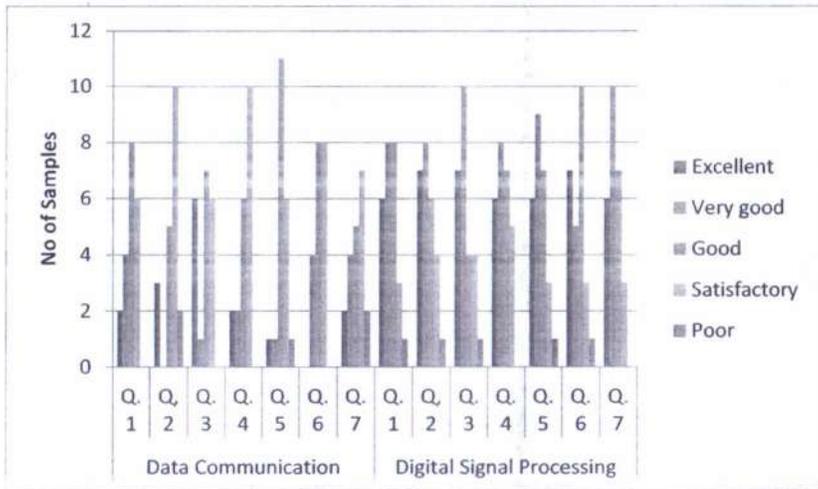
*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

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Student Curriculum Feedback Third year ET



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Data Communication	Q.1	2	4	8	6	0	3.10	62.00	Good	20
	Q.2	3	0	5	10	2	3.60	62.00	Good	
	Q.3	6	1	7	6	0	3.35	67.00	Good	
	Q.4	2	2	6	10	0	3.80	66.00	Good	
	Q.5	1	1	11	6	1	3.75	65.00	Good	
	Q.6	0	4	8	8	0	3.80	66.00	Good	
	Q.7	2	4	5	7	2	3.85	67.00	Good	

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Digital Signal Processing	Q.1	6	8	8	3	1	3.58	71.54	Very Good	26
	Q.2	7	8	6	4	1	3.62	72.31	Very Good	
	Q.3	7	10	4	4	1	3.69	73.85	Very Good	
	Q.4	6	8	7	5	0	3.58	71.54	Very Good	
	Q.5	6	9	7	3	1	3.62	72.31	Very Good	
	Q.6	7	5	10	3	1	3.54	70.77	Very Good	
	Q.7	6	10	7	3	0	3.73	74.62	Very Good	

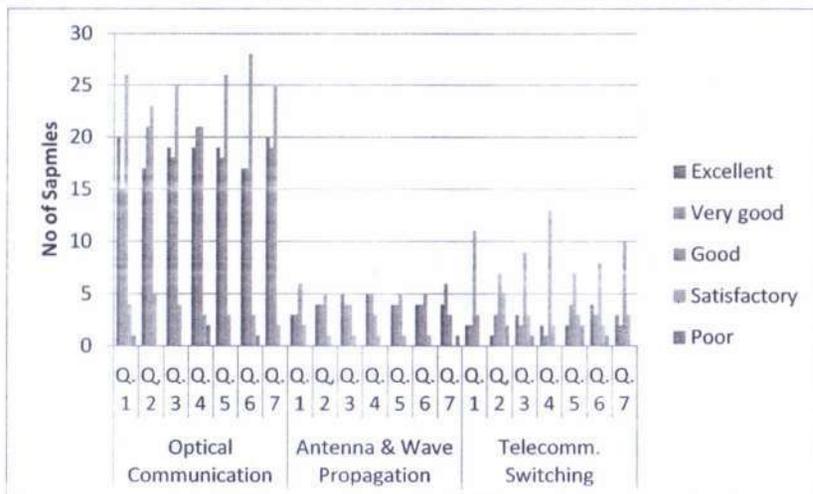
*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

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Student Curriculum Feedback Third year EC & ET DE Subjects



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Optical Communication	Q.1	20	15	26	4	1	4.55	90.91	Excellent	66
	Q.2	17	21	23	5	0	3.86	77.27	Very Good	
	Q.3	19	18	25	4	0	4.32	86.36	Excellent	
	Q.4	19	21	21	3	2	4.32	86.36	Excellent	
	Q.5	19	18	26	3	0	4.32	86.36	Excellent	

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	Q. 6	17	17	28	3	1	3.86	77.27	Very Good	
	Q. 7	20	19	25	2	0	4.55	90.91	Excellent	
Antenna & Wave Propagation	Q. 1	3	3	6	2	0	3.50	70.00	Good	14
	Q. 2	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 3	5	4	4	1	0	3.93	78.57	Very Good	
	Q. 4	5	5	3	1	0	4.00	80.00	Very Good	
	Q. 5	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 6	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 7	4	6	3	0	1	3.86	77.14	Very Good	
Telecomm. Switching	Q. 1	2	2	11	3	0	3.17	63.33	Good	18
	Q. 2	1	3	7	5	2	2.78	55.56	Average	
	Q. 3	3	2	9	3	1	3.17	63.33	Good	
	Q. 4	2	1	13	2	0	3.17	63.33	Good	
	Q. 5	2	4	7	3	2	3.06	61.11	Good	
	Q. 6	4	3	8	2	1	3.39	67.78	Good	
	Q. 7	3	2	10	3	0	3.28	65.56	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

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Department of Electronics Engineering

Teacher Course feedback Session Jan-June 2021

Questions

- Q1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- Q2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- Q3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- Q4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. (If you feel some changes (new content to be added or outdated content to be removed) please give below)
- Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
- Q6. The environment of department/institute is conducive for innovative teaching and research
- Q7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment)
- Q8. The institute provides basic infrastructural facilities required for teaching learning. (Please comment)
- Q9. You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)
- Q10. In general you are satisfied with your work environment and institute culture. (Please comment)

(i) Honours:

(ii) Minor specialization:

(iii) Departmental electives:

Course Satisfaction Index (CSI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Average, 2: Disagree, 1: Strongly disagree)

Select your course	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
Embedded Systems (900105)	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
Communication Networks (140403/200403)	5	5	5	4	5	Yes	Yes	Yes	Yes	Yes
Optical Communication (140611/ 200611)	5	5	5	5	4	yes	yes	yes	yes	yes
Analog Communication (140402 200402)	4	5	4	4	5	Yes	Yes	Yes	Yes	Yes
Intelligent Control (900104)	4	5	4	4	4	Good	Yes	Yes	Yes	Yes
Analog Communication (140402 200402)	5	5	5	5	5	Good	Yes	Yes	Yes	Yes
Electronics-II (140401 / 200401)	5	5	5	5	5	good	yes	yes	yes	satisfied
Electronics-II (140401 / 200401)	3	4	4	4	4	Good	Good	Good	Good	Satisfied
Data Communication (140503 / 200602)	5	5	5	5	5	Yes	Yes	Average	Yes	Yes
Stochastic Process in Communication (200404)	2	4	4	4	4					
Digital Signal Processing (140602/ 200601)	5	5	5	5	4	as it is really very helpf	Yes definitely	Yes	Yes	Yes
Microprocessor and Interfacing (140601/ 200503)	4	4	4	5	5	yes	yes	yes		yes

Courses Suggested by Teachers for :

(i) Honours: Nano Electronics, Semiconductor Device: Physics and Technology

(ii) Minor specialization: Nano Electronics

(iii) Departmental electives: Micro Electronics

(iv) Open electives: Micro Electronics

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

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Department of Electronics Engineering

(Level 1 = less than or equals to 50%)

(Level 2 = less than or equals to 60%)

(Level 3 = less than or equals to 70%)

CO Attainment (Direct & Indirect) for the session Jan - June 2021

Semester	Course	CO	Direct CO Attainment	Indirect CO Attainment (using feedback)	Total CO Attainment (in %)	CO Attainments in terms of levels	Action taken
Semester - II	140211/ 200211 Electronics Devices	CO1	81.53	85.37	82.30	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	88.21	79.67	86.50	3	Higher order thinking questions can be included in the assignments
		CO3	75.8	81.3	76.90	3	More numericals can be added in assignments
		CO4	74.51	75.61	74.73	3	More tutorials can be given
		CO5	73.58	74.8	73.82	3	More tutorials can be given
	140212/ 200212 Engineering Materials	CO1	81.16	88.33	82.59	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	89.49	81.67	87.93	3	Higher order thinking questions can be included in the assignments
		CO3	87.35	86.67	87.21	3	Higher order thinking questions can be included in the assignments
		CO4	90.04	81.67	88.37	3	Higher order thinking questions can be included in the assignments
		CO5	81	80	80.80	3	Level of Quiz. Assignment, midsem and endsem should be improved
	100015/ 20015 EEES	CO1	82.13	81.2	81.94	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	67.91	76.8	69.69	2	More assignments should be given and solutions should be discussed
		CO3	78.27	79.7	78.56	3	More numericals can be added in assignments
		CO4	76.78	78.26	77.08	3	More numericals can be added in assignments
		CO5	83.26	73.91	81.39	3	Level of Quiz. Assignment, midsem and endsem should be improved
Semester - IV	140401/200401 Electronics-II	CO1	75.35	74.81	75.24	3	More numericals can be added in assignments
		CO2	79.2	70.16	77.39	3	More numericals can be added in assignments
		CO3	75.37	76.36	75.57	3	More numericals can be added in assignments
		CO4	78.67	70.54	77.04	3	More numericals can be added in assignments
		CO5	68.94	72.48	69.65	2	More assignments should be given and solutions should be discussed
	140402/200402 Analog Communication	CO1	85.02	71.32	82.28	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	87.47	70.54	84.08	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO3	86.35	69.77	83.03	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO4	91.04	68.99	86.63	3	Higher order thinking questions can be included in the assignments
		CO5	65.26	67.44	65.70	2	More assignments should be given and solutions should be discussed
	140403/200403 Communication Networks	CO1	75.55	71.43	74.73	3	More tutorials can be given
		CO2	87.06	70.95	83.84	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO3	84.41	67.62	81.05	3	Level of Quiz. Assignment, midsem and endsem should be improved



Semester - VI	140404/ 200404 Electronics Measurement & Instrumentation	CO4	84.23	69.05	81.19	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO5	72.27	70.95	72.01	3	More tutorials can be given
		CO1	93.59	71.26	89.12	3	Higher order thinking questions can be included in the assignments
		CO2	90.86	70.5	86.79	3	Higher order thinking questions can be included in the assignments
		CO3	88.14	69.73	84.46	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO4	87.72	70.15	84.21	3	Level of Quiz. Assignment, midsem and endsem should be improved
	140601/200601 Microprocessor Interfacing	CO5	82.04	70.12	79.66	3	Higher order thinking questions can be included in the assignments
		CO6	80.77	67.82	78.18	3	More numericals can be added in assignments
		CO1	94.292	80.23	91.48	3	Higher order thinking questions can be included in the assignments
		CO2	96.314	77.4	92.53	3	Higher order thinking questions can be included in the assignments
		CO3	91.81	79.66	89.38	3	Higher order thinking questions can be included in the assignments
		CO4	97.436	74.58	92.86	3	Higher order thinking questions can be included in the assignments
	140602/200602 DSP	CO5	93.234	77.97	90.18	3	Higher order thinking questions can be included in the assignments
		CO6	94.292	75.71	90.58	3	Higher order thinking questions can be included in the assignments
		CO1	76.96	76.13	76.79	3	More numericals can be added in assignments
		CO2	70.4	74.32	71.18	3	More tutorials can be given
		CO3	75.22	74.32	75.04	3	More numericals can be added in assignments
	DE-1 Optical Communication	CO4	77.98	72.52	76.89	3	More numericals can be added in assignments
		CO5	90.12	72.97	86.69	3	Higher order thinking questions can be included in the assignments
		CO1	86.68	76.32	84.61	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	86.72	75.36	84.45	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO3	93.02	73.91	89.20	3	Higher order thinking questions can be included in the assignments
	DE-1 Antenna	CO4	88.54	74.39	85.71	3	Higher order thinking questions can be included in the assignments
		CO5	82.04	78.26	81.28	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO1	79.54	80.55	79.74	3	More numericals can be added in assignments
		CO2	92.3	77.77	89.39	3	Higher order thinking questions can be included in the assignments
		CO3	85.704	69.44	82.45	3	Level of Quiz. Assignment, midsem and endsem should be improved
	DE-1 Telecommunication Switching Network	CO4	81.774	69.44	79.31	3	More numericals can be added in assignments
		CO5	68.67	72.22	69.38	2	More assignments should be given and solutions should be discussed
		CO1	84.92	78.79	83.69	3	Level of Quiz. Assignment, midsem and endsem should be improved
CO2		87.02	81.82	85.98	3	Higher order thinking questions can be included in the assignments	
CO3		86.35	80.3	85.14	3	Higher order thinking questions can be included in the assignments	
		CO4	91.04	78.79	88.59	3	Higher order thinking questions can be included in the assignments
		CO5	82.12	77.27	81.15	3	Level of Quiz. Assignment, midsem and endsem should be improved

Total No of courses	Total number of COs	Number of COs NOT attained level	Percentage of COs not attained
12	62	4	7%

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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Department of Electronics Engineering

CO Feedback Analysis & Impact for the session January - June 2021

S. No.	Name of subject	CO	CO Indirect attainment	% Students choose Strongly Agree (3)	% Students choose Agree (2)	% Students choose Average (1)	CO Feedback Analysis	Impact
1	140211/ 200211 Electronic s Devices	1	81.53	56	44	0	2.56	Very Good
		2	88.21	39	61	0	2.39	Good
		3	75.8	43	57	0	2.43	Good
		4	74.51	27	63	0	2.27	Good
		5	73.58	25	75	0	2.25	Good
2	140212/ 200212 Engineeri ng Materials	1	88.33	65	35	0	2.65	Very Good
		2	81.67	45	55	0	2.45	Good
		3	86.67	65	30	5	2.60	Very Good
		4	81.67	45	55	0	2.45	Good
		5	80	40	60	0	2.40	Good
3	100015/ 20015 FEES	1	81.2	47.8	47.8	4.3	2.43	Good
		2	76.8	39.13	52.17	8.69	2.30	Good
		3	79.7	43.47	52.17	4.34	2.39	Good
		4	78.26	39.13	56.52	4.34	2.34	Good

		5	73.91	30.43	60.86	8.69	2.21	Good
4.	140401/2 00401 Electronic s-II	1	74.81	34.88	54.65	10.47	2.24	Good
		2	70.16	25.58	59.30	15.12	2.11	Good
		3	76.36	39.53	50	10.47	2.29	Good
		4	70.54	29.07	53.49	17.44	2.12	Good
		5	72.48	31.40	54.65	13.95	2.18	Good
5.	140402/2 00402 Analog Communi cation	1	71.31	30.23	53.49	16.28	2.14	Good
		2	70.54	31.40	48.84	19.77	2.12	Good
		3	69.77	29.07	51.16	19.77	2.09	Good
		4	68.99	30.23	46.51	23.26	2.07	Good
		5	67.44	23.26	55.81	20.93	2.02	Good
		6	68.22	25.58	53.49	20.93	2.05	Good
6.	140403/2 00403 Communi cation Networks	1	71.43	24.29	65.71	10.00	2.14	Good
		2	70.95	27.14	58.57	14.29	2.13	Good
		3	67.62	25.71	51.43	22.86	2.03	Good
		4	69.05	22.86	61.43	15.71	2.07	Good
		5	70.95	30.00	52.86	17.14	2.13	Good
		6	68.10	22.86	58.57	18.57	2.04	Good



7.	140404/ 200404 Electronic s Measure ment & Instrumen tation	1	71.26	26.44	60.92	12.64	1.86	Satisfactory
		2	70.5	25.29	60.92	13.79	1.84	Satisfactory
		3	69.73	25.29	58.62	16.09	1.82	Satisfactory
		4	70.15	27.59	55.17	17.24	1.83	Satisfactory
		5	70.12	27.59	55.17	17.24	1.84	Satisfactory
		6	67.82	20.69	52.07	17.24	1.77	Satisfactory
8.	140601/2 00601 Micropro cessor Interfacin g	1	80.23	45.76	49.15	5.08	2.41	Good
		2	77.4	45.76	40.68	13.56	2.32	Good
		3	79.66	47.46	44.07	8.47	2.39	Good
		4	74.58	35.59	52.54	11.86	2.24	Good
		5	77.97	42.37	49.15	8.47	2.34	Good
		6	75.71	38.98	49.15	11.86	2.27	Good
9.	140602/2 00602 DSP	1	76.13	36.49	55.41	8.41	2.29	Good
		2	74.32	33.78	55.41	10.81	2.23	Good
		3	74.32	36.49	50	13.51	2.23	Good
		4	72.53	33.78	50	16.22	2.18	Good
		5	72.97	33.78	51.35	14.86	2.19	Good
10.	DE-1 Optical Communi cation	1	76.32	36.23	56.23	7.25	2.29	Good
		2	75.36	39.13	47.83	13.04	2.26	Good
		3	73.91	34.78	52.17	13.04	2.21	Good



		4	74.39	34.78	53.62	11.59	2.23	Good
		5	78.26	42.03	50.72	7.25	2.34	Good
11.	DE-1 Antenna	1	80.55	33	67	0	2.33	Good
		2	77.77	33	46.6	6.66	1.99	Satisfactory
		3	69.44	20	46	13.33	1.65	Satisfactory
		4	69.44	20	73.33	6.67	2.13	Good
		5	72.22	20	73.33	6.67	2.13	Good
		12.	DE-1 Telecom municatio n Switching Network	1	78.79	36.36	63.64	0
2	81.82	45.45		54.55	0	2.45	Good	
3	80.30	40.91		59.09	0	2.41	Good	
4	78.79	36.36		63.64	0	2.36	Good	
5	77.27	31.82		68.18	0	2.32	Good	

$$\text{CO feedback analysis} = \left[\left\{ (\% \text{ Students choose Strongly Agree}) \times 0.03 \right\} + \left\{ (\% \text{ Students choose Agree}) \times 0.02 \right\} + \left\{ (\% \text{ Students choose Average}) \times 0.01 \right\} \right]$$

Impact -----	3	--Excellent	(Students can apply the CO)
	2.5 - 3	--Very Good	(Students have very well understood the CO)
	2 - 2.5	--Good	(Students have understood the CO)
	<2	--Satisfactory	(Students have partially understood the CO)

[Signature]
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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
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DEPARTMENT OF ELECTRICAL ENGINEERING

ACTION TAKEN REPORT ON STUDENT'S FEEDBACK
(MAY 2022)

Based on the student's feedback, appropriate changes were made as is notified in the following table.

FEEDBACK	ACTION TAKEN
<ul style="list-style-type: none">• Need for skill-oriented courses.• More courses inclined towards programming languages & data structures should be introduced• Courses covering the industry-academy gap must be included in curriculum• Syllabus may be framed as per requirement of the industry.	<ul style="list-style-type: none">• Summer Internship Program/Skill Enhancement Program is designed for skill development and conducted in summer for every batch.• A course on Data Science is introduced in V Semester to fill the industry-academy gap.• Electric Vehicles is introduced in VII Semester as department Elective Course.

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ACTION TAKEN REPORT ON FACULTY FEEDBACK
(May 2022)

The feedback response from faculty and action taken is illustrated in the following table.

FEEDBACK	ACTION TAKEN
Courses for promotion on startup policy, innovation and entrepreneurship should be included.	Four subjects are offered under Novel Engaging Courses (NEC).

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ACTION TAKEN REPORT ON ALUMNI FEEDBACK
 (May 2022)

The feedback response from alumni and action taken is illustrated in the following table.

FEEDBACK	ACTION TAKEN
<ul style="list-style-type: none"> • More Hands on training activities will be organized as per Electrical industry perspective. • As per the new national education policy more CSE/IT oriented courses will be incorporated in the Electrical Engineering. • More courses to be added such as 1.Electrical Safety Engineer. 2. Industrial Safety, Codes and Standards 3.Programmable Logic Controllers/ Automation. • Some Respected teachers are needed to upgrade their knowledge as per national level standards examination like GATE/MPPSC/ UPSC (IES) so that students will get a glimpse of the subjects. • As per my understand recent syllabus are skill oriented based rather than theoretical aspects. • More designing subjects are required like. Electrical Wiring design using AutoCAD • Suggested to add Data structure and Algorithm and JAVA (with Python) in Electrical Engineering curriculum because these languages are the backbone to get placed in IT industry • Analog communication and digital communication need to be added • I would suggest to add AutoCAD and PCB designing • Training must be given to students for closed loop control application in drives 	<ul style="list-style-type: none"> • Lab on programming with Python is already included for 2020 admitted batch. • From 2020 admitted batch onwards CSE/IT oriented courses such as : (i) Data Science & (ii) AI & ML are incorporated in V & VI Semester respectively. • Designing subjects such as (i) Electrical Wiring design using AutoCAD & (ii) PCB designing will be added in Electrical Workshop. • The syllabi are revised in each BOS meeting as per standards examination like GATE/UPSC (IES).

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ACTION TAKEN REPORT ON EMPLOYER FEEDBACK
 (May 2022)

The feedback response from employer and action taken is illustrated in the following table.

FEEDBACK	ACTION TAKEN
<ul style="list-style-type: none"> • Students need to be aware of industry exposure. • To make the student industry ready • Mini-Project models will help them to face real life presentations • Gender awareness programs to be organized • Demonstrates good knowledge, but they should make the student capable with leadership quality to lead a group of people. • Arrange the seminars regarding trending frameworks (like react, angular, MERN, MEAN etc.) in the market more. • Raspberry pi should be included in the existing course. • Biomass course is required • More of cloud related topics and IT automation related topics will be helpful • Institute should not only focus to the New Technology as fundamentals (Basic Languages like C.C++) should be given equal importance. 	<p>All the valuable suggestion are already implemented however seminars regarding trending frameworks (like react, angular, MERN, MEAN etc.) will be organized.</p>

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Department of Electrical Engineering

Action Taken Report for Course Curriculum Feedback by students
(July-December 2022)

S.N.	FEEDBACK	ACTION TAKEN
1	Equipment/software for simulation of smartgrid / microgrid operation must be included in the power system lab	<ul style="list-style-type: none">Two new labs (1. IoT Architecture & protocols, 2. Embedded control of electrical machine) are introduced this semester which have all the latest IoT enabled components
2	IoT components are needed for practical labs	<ul style="list-style-type: none">Data Science subject is included in the Fifth semester
3	Try to add some software-related subjects	<ul style="list-style-type: none">Artificial Intelligence & Machine Learning is offered in VI Semester from 2020 admitted batch.
4	Class lectures should be held on the whiteboard as well as projector	<ul style="list-style-type: none">New Opal-RT kit for experiment & practical analysis and HOMER simulation software are add in the research lab.Most of the faculties are using both whiteboard and projector.

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Department of Electrical Engineering

Action Taken Report Based on Faculty Curriculum Feedback

(July-December 2022)

S.N.	FEEDBACK	ACTION TAKEN
1	New Lab needs to be set up for the EE-IoT branch	Two new labs have recently been set up and Four new labs proposals Industrial Internet of Things, Sensor and Control, Microprocessor and Embedded System based IoT Lab, Project Lab is in the process of approval.
2	Need to Upgrade research lab	New Opal-RT kit for experiment & practical analysis and HOMER simulation software are add in the research lab.

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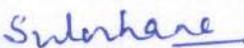
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Department of Electrical Engineering

Action Taken Report Based on Parent Feedback (July-December 2022)

S.N.	FEEDBACK	ACTION TAKEN
1	In my opinion there should be more books available in the library..	<ul style="list-style-type: none">• The Central Library is equipped with the latest books along with e-books.
2	I am really satisfied with the faculty of the ward and the new courses and also happy with the other activities of the campus	<ul style="list-style-type: none">• Other students' classes were going on in the seminar hall. Also, the New academic building is ready to move for student classes.
3	Classrooms need to be improved.	<ul style="list-style-type: none">• Programming in C++, Python, Data Science and Machine learning subjects are added to Syllabus courses at various levels.
4	More courses on programming must be included.	<ul style="list-style-type: none">• Subject through NPTEL is already being offered in self-study for programming.• Software Lab course already offered in the Third Year.• From the 2022 admitted batch onwards, Python programming is included in II Semester.


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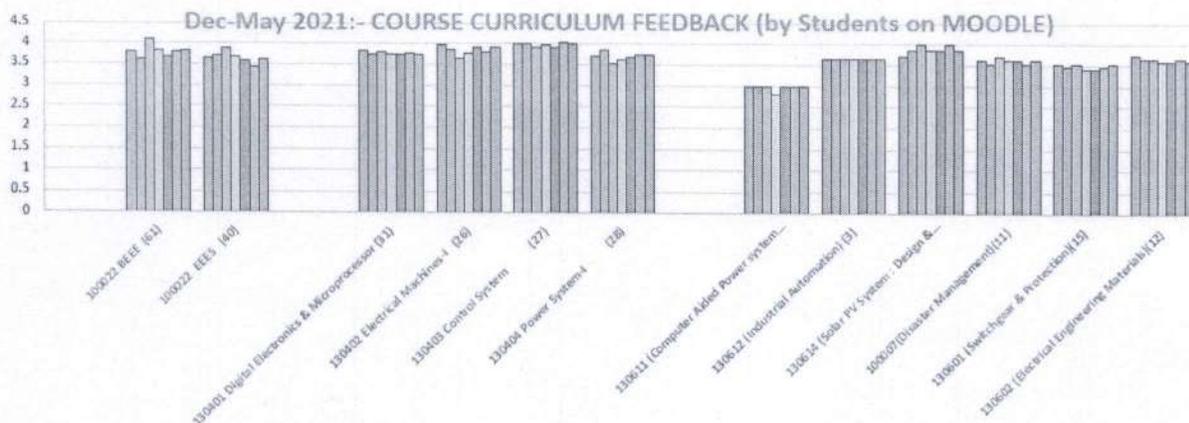
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Electrical Engineering Department

1. Jan -May 2021: - COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

Parameter(Average Grading)	1.The course is well designed	2.The syllabus units are balanced	3.The course will be useful for you in future	4.The learning material was available to you	5.The content was clear and easy to understand	6.The course meets your expectations	7.The course was relevant and updated for present needs	AVERAGE	Comment
Subject Name									
100022 BEEE (61)	3.79	3.62	4.1	3.82	3.68	3.79	3.82	3.80	good
100022 EEES (40)	3.65	3.7	3.9	3.675	3.575	3.45	3.625	3.65	good
130401 Digital Electronics & Microprocessor (31)	3.84	3.74	3.81	3.74	3.74	3.77	3.74	3.77	good
130402 Electrical Machines-I (26)	3.96	3.85	3.65	3.77	3.92	3.81	3.92	3.84	good
130403 Control System (27)	4.00	4.00	3.93	3.96	3.93	4.04	4.00	3.98	good
130404 Power System-I (28)	3.71	3.86	3.54	3.61	3.68	3.75	3.75	3.70	good
130611 (Computer Aided Power system Analysis) (5)	3.00	3.00	3.00	2.80	3.00	3.00	3.00	2.97	good
130612 (Industrial Automation) (3)	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	good
130614 (Solar PV System : Design & Economics)(7)	3.71	3.85	4.00	3.85	3.85	4.00	3.85	3.87	good
100007(Disaster Management)(11)	3.63	3.54	3.72	3.63	3.63	3.54	3.63	3.62	good
130601 (Switchgear & Protection)(15)	3.53	3.46	3.53	3.40	3.40	3.46	3.53	3.47	good
130602 (Electrical Engineering Materials)(12)	3.75	3.66	3.66	3.58	3.58	3.66	3.58	3.64	good



Action Taken:

Based on the above feedback, the syllabus of the subject Computer Aided Power System Analysis, Code, 130611 was reviewed. The committee has recommended some modification and restructuring of the course.

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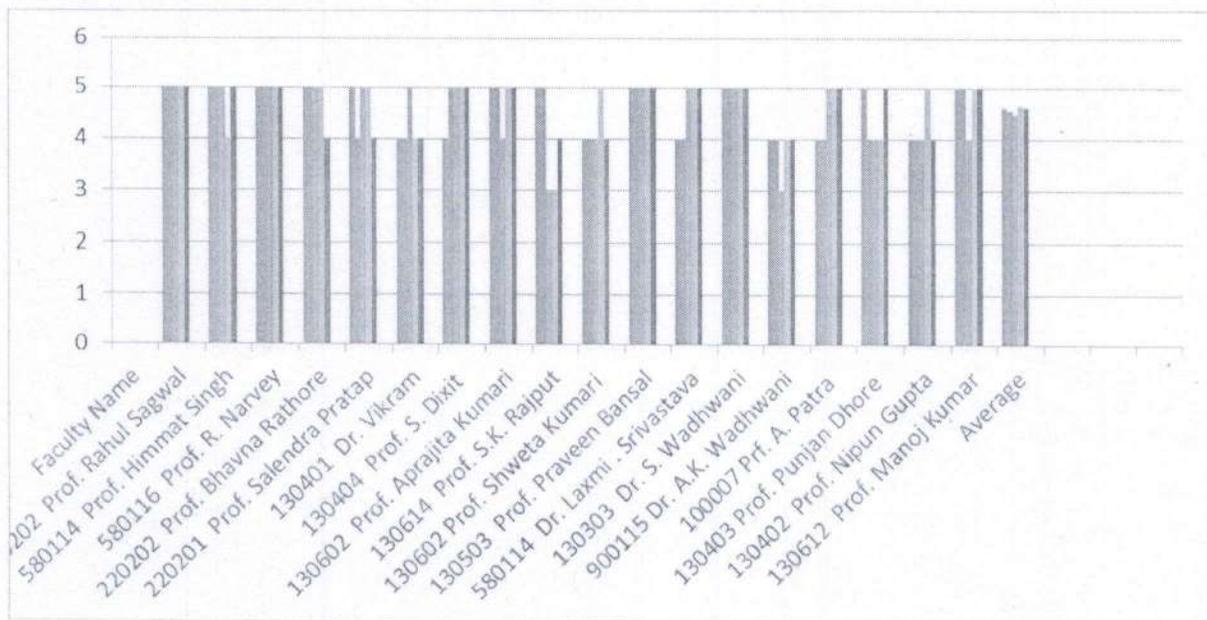
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Electrical Engineering Department

2. Jan-May 2021: - EE COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Parameter(Average Grading)	1. The availability of books & E-learning material in the institute is good. (Please	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes	5. The curriculum is capable of inculcating life-long learning abilities in	6. The environment of department/institute is conducive for innovative teaching and research. (Please comment)	7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth	8. The institute provides basic infrastructural facilities required for teaching learning. (Please	9. You get academic freedom to implement your ideas and conduct your courses without	10. In general you are satisfied with your work environment and institute culture. (Please comment)
Faculty Name										
220202 Prof. Rahul Sagwal	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
580114 Prof. Himmat Singh	5	5	5	4	5	yes	Yes	yes	Very Good	Very Good
580116 Prof. R. Narvey	5	5	5	5	5	yes	supportive	yes	yes	yes
220202 Prof. Bhavna Rathore	5	5	5	5	4	yes	yes	yes	yes	yes
220201 Prof. Salendra Pratap	5	4	5	5	4	Yes	Yes	Yes	Yes	Yes
130401 Dr. Vikram	4	4	5	4	4	yes	supportive	Best infrastruc	No interference	Good
130404 Prof. S. Dixit	4	5	5	5	5	Yes	Yes	Yes	Yes	Yes
130602 Prof. Aprajita Kumari	5	5	4	5	5	Good	Yes	yes	yes	yes
130614 Prof. S.K. Rajput	5	5	3	3	4	Good	Yes	yes	Good	yes
130602 Prof. Shweta Kumari	4	4	4	5	4	Yes	yes	yes	yes	yes
130503 Prof. Praveen Bansal	5	5	5	5	5	Very good	supportive	yes	yes	Good
580114 Dr. Laxmi . Srivastava	4	4	5	5	5	Very good	Yes	Yes	Yes	Good
130303 Dr. S. Wadhvani	5	5	5	5	5	yes	yes	yes	Good	yes
900115 Dr. A.K. Wadhvani	4	4	3	4	4	Yes	Yes	Yes	Yes	Good
100007 Prf. A. Patra	4	4	5	5	5	Very good	supportive	Yes	Yes	Yes
130403 Prof. Punjan Dhore	5	4	4	4	5	Yes	Yes	Yes	Good	Yes
130402 Prof. Nipun Gupta	4	4	4	5	4	Yes	yes	yes	yes	yes
130612 Prof. Manoj Kumar	5	5	4	5	5	Yes	Good	yes	yes	yes
Average	4.61	4.56	4.5	4.67	4.61					
	Very Good	Very Good	Very Good	Very Good	Very Good					



Action Taken:

Based on the above feedback, the has recommended no major modification and restructuring in the courses.

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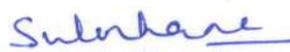
Electrical Engineering Department

3. Alumni Feedback on Course Curriculum

Responses	Institute has adequate laboratories and equipments for practical exposure to students	The education imparted at MITS is useful and relevant in your career and present job	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	Overall are you satisfied with the Faculty, Staff and Administration during Program	The course and curriculum at MITS caters to the recent trends and developments in the field. (If no, please give below suggestions for improvement)	The syllabi were useful for meeting your higher studies/career goals. (If no, please suggest from your experience, what changes are required)	In your opinion, the course/contents is up to date and no portion needs to be removed. (If no, please suggest courses/content which is obsolete and needs to be deleted)	The courses and contents are updated and no new course needs to be added right now. (If no, please suggest content/new courses which need to be added)
	P1	P2	P3	P4	P5	P6	P7	P8
Strongly Agree	12	14	14	4	18	18	14	15
Agree	19	19	18	17	17	17	16	17
Neutral	11	7	9	18	4	9	13	9
Disagree	6	5	4	9	6	3	2	4
Strongly Disagree		3	3		3	1	2	3
Feedback Indicator	3.77	3.75	3.75	3.33	3.85	4.00	3.81	3.77

Action Taken:

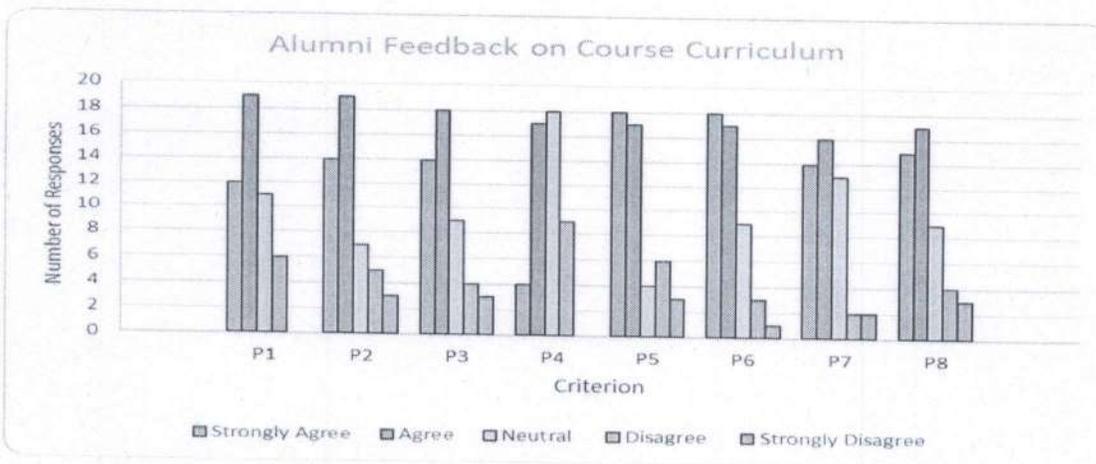
Based on the above feedback, addition of new courses , mostly computer science based, is recommended.


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Electrical Engineering Department



- P1 Institute has adequate laboratories and equipment for practical exposure to students
- P2 The education imparted at MITS is useful and relevant in your career and present job
- P3 Have you obtained sufficient technical knowledge (both in theory and practical) at MITS
- P4 Overall are you satisfied with the Faculty, Staff and Administration during Program
- P5 The course and curriculum at MITS caters to the recent trends and developments in the field.(If no, please give below suggestions for improvement)
- P6 The syllabi were useful for meeting your higher studies/career goals.(If no, please suggest from your experience, what changes are required)
- P7 In your opinion, the course / contents is up to date and no portion needs to be removed.(If no, please suggest courses/content which is obsolete and needs to be deleted)
- P8 The courses and contents are updated and no new course needs to be added right now.(If no, please suggest content/new courses which need to be added)


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(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to RGPV, Bhopal)
DEPARTMENT OF ELECTRICAL ENGINEERING

ACTION TAKEN REPORT ON STUDENT FEEDBACK
(June 2021 - December 2021)

Student's Feedback and action taken report

Based on the student's feedback, appropriate changes were made as is notified in the following table.

S.No	FEEDBACK	ACTION TAKEN
1.	Need for skill-oriented courses.Syllabus may be framed as per requirement of the industry.	<ul style="list-style-type: none">• An industry collaborated course on "Industrial Automation" is introduced in VI semester.• A new lab entitled "Industrial Automation & Controls Lab" is developed and introduced in VII semester.• Programming with Python & Renewable Energy Lab is introduced in IV semester.


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DEPARTMENT OF ELECTRICAL ENGINEERING

ACTION TAKEN REPORT ON FACULTY FEEDBACK
(June 2021 - December 2021)

Faculty Feedback and action taken report

The feedback response from faculty and action taken is illustrated in the following table.

S. No	FEEDBACK	ACTION TAKEN
1.	The feedback index for the Computer Aided Power System Analysis is below the set target .	<ul style="list-style-type: none">• The syllabus of the subject Computer Aided Power System Analysis, Code, 130611 was reviewed. The committee has recommended some modification and restructuring of the course


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DEPARTMENT OF ELECTRICAL ENGINEERING

ACTION TAKEN REPORT ON EMPLOYER FEEDBACK
(June 2021-December 2021)

Employer feedback and action taken report

The feedback response from employer and action taken is illustrated in the following table.

S. No	FEEDBACK	ACTION TAKEN
1.	They are good but instrumentation and measurement should be more focused at...	<ul style="list-style-type: none">• Course on Sensor and Transducer in introduced in 6th semester.• The Syllabus of Electrical and Electronic Measurement is revised to make it industry oriented.• Course on Introduction to Internet of Things is being offered from NPTEL.

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ACTION TAKEN REPORT ON ALUMNI FEEDBACK
(June- December 2021)

Alumni Feedback and action taken report

The feedback response from faculty and action taken is illustrated in the following table.

S.No	FEEDBACK	ACTION TAKEN
1.	Skill based mini-project approach may be introduced to enhance problem solving skills.	• Implemented with effect from July-December 2021 onwards.

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FEEDBACK ANALYSIS OF STAKEHOLDERS AND ACTION TAKEN REPORT

(July –December 2020)

The Department feedback on curriculum aspects and courses is taken from different stakeholders such as students, alumni, faculty, parent and employers. Once the feedback is analysed and valuable suggestions given were considered, the necessary actions were executed.

Table 1: Student's feedback and action taken report

Based on the student's feedback, appropriate changes were made as is notified in the following table.

S.No	FEEDBACK	ACTION TAKEN
1.	Need for skill-oriented courses.	<ul style="list-style-type: none"> • An industry collaborated course on "Industrial Automation" is introduced in VI semester. • A new lab entitled "Industrial Automation & Controls Lab" is developed and introduced in VII semester. • Summer Internship Program/Finishing School is designed for skill development and conducted in summer for every batch. • Skill based mini-project are introduced in each lab course.
	Syllabus may be framed as per requirement of the industry.	<ul style="list-style-type: none"> • Electrical workshop is re-introduced in first year. • Embedded systems lab is introduced in IV semester.

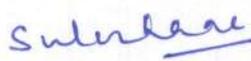
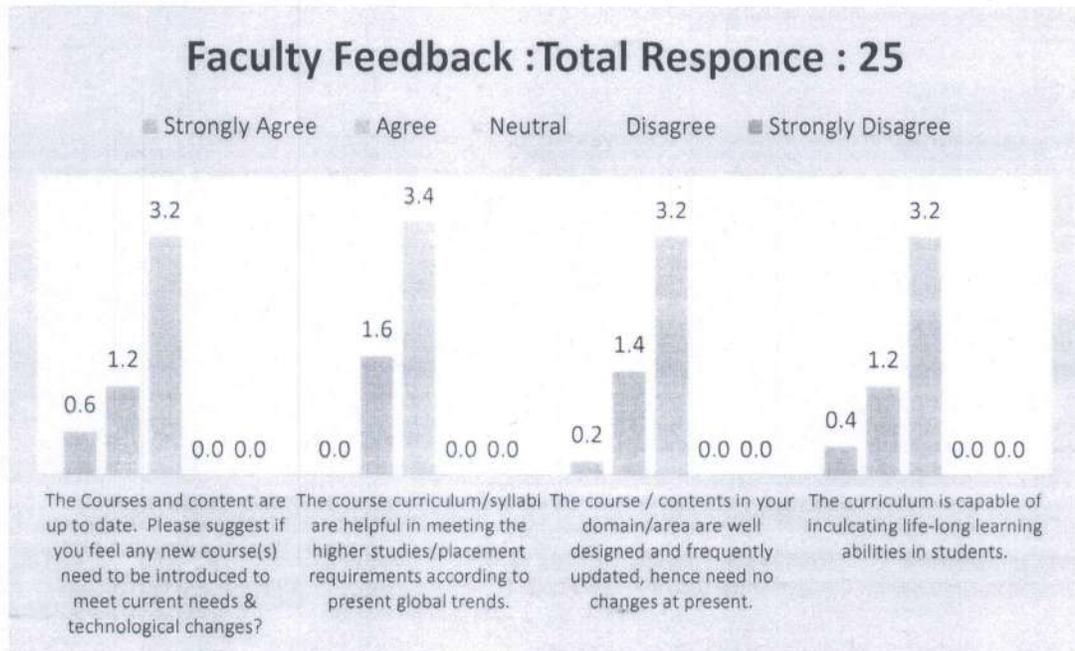

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Table 2: Faculty feedback on curriculum and action taken report

(July - Dec 2020)

The feedback response from faculty and action taken is illustrated in the following table.

S.No	FEEDBACK	ACTION TAKEN
1.	Skill based mini-project approach may be introduced to enhance problem solving skills.	<ul style="list-style-type: none"> Implemented with effect from July-December 2021 onwards.



	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	0.6	1.2	3.2	0.0	0.0
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0.0	1.6	3.4	0.0	0.0
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0.2	1.4	3.2	0.0	0.0
The curriculum is capable of inculcating life-long learning abilities in students.	0.4	1.2	3.2	0.0	0.0

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Table 3: Parents feedback action taken report

(July - Dec 2020

The feedback response from parents and action taken is illustrated in the following table.

S.No	FEEDBACK	ACTION TAKEN
1.	Library facilities must be augmented to meet the current requirement of the students to enable efficient learning.	<ul style="list-style-type: none">• The Central Library is equipped with latest books along with e-books.
2.	Apart from regular teaching, awareness and human values to be imparted to students.	<ul style="list-style-type: none">• Implemented by various clubs functional in the institute such as NSS, Personality Development Club, Career Counseling Club, Holistic Health Club, Naatya Munch, Disaster Management Awareness Club, Yoga clubs etc.
3.	Computer based subject in the course curriculum.	<ul style="list-style-type: none">• Subject Through NPTEL are already offered in self study and seminar (III & V semester) component of the syllabus (e.g. Programming in C++, Object Oriented Analysis and Design, Cloud computing, Data Science for Engineers, Big Data Computing)• Subject through NPTEL are already offered in Honors (V semester onward) component of the syllabus (e.g. Introduction to internet of things, Design for internet of things.• Software Lab course already offered in Second Year

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Analysis Report of Feedback on Course Curriculum Collected from various Stakeholders

S.No.	Feedback Report	Page No.
1.	COURSE CURRICULUM FEEDBACK (July – December 2021) (V & VII Sem)	1-5
2	COURSE CURRICULUM FEEDBACK (September 2021 to January 2022) (III Sem)	6-11
3	COURSE CURRICULUM FEEDBACK (October 2021 – March 2022) (II Sem)	12-18
4	COURSE CURRICULUM FEEDBACK (January 2021 – April 2022) (IV)	19-24
5	COURSE CURRICULUM FEEDBACK (January 2021 – April 2022) (VI Sem)	24-28

Session wise analysis and impact report: July – December 2021

- Based on the feedback data received from total 127 students and 10 faculty members (Fifth & Seventh semester- IT, for the academic session July - December 2021 following points have been analyzed.
- It has been observed that, in fifth semester 23.42% of students are strongly agreed, 34.58% of students are agreed, 33.04% of students are neutral, 7.766% of students are disagreed and only 1.155% of students are strongly disagreed with the syllabus/ content that they have studied in the fifth semester.
- It has been noticed that, in fifth semester 26.11% of students are strongly agreed, 32.22% of students are agreed, 32.5625% of students are neutral, 8.6% of students are disagreed and only 0.475% of students are strongly disagreed with the syllabus/ content that they have studied in the seventh semester.
- One of the Students of fifth semester has suggested updating the syllabus of Software Engineering.
- Students have suggested to add Data Science in one of the semesters.
- It has been observed that, in this session 50% of faculty members are strongly agreed, 40% of faculty members are agreed, and 10% of faculty members are disagree with the syllabus/ content that they have taught in the first semester.

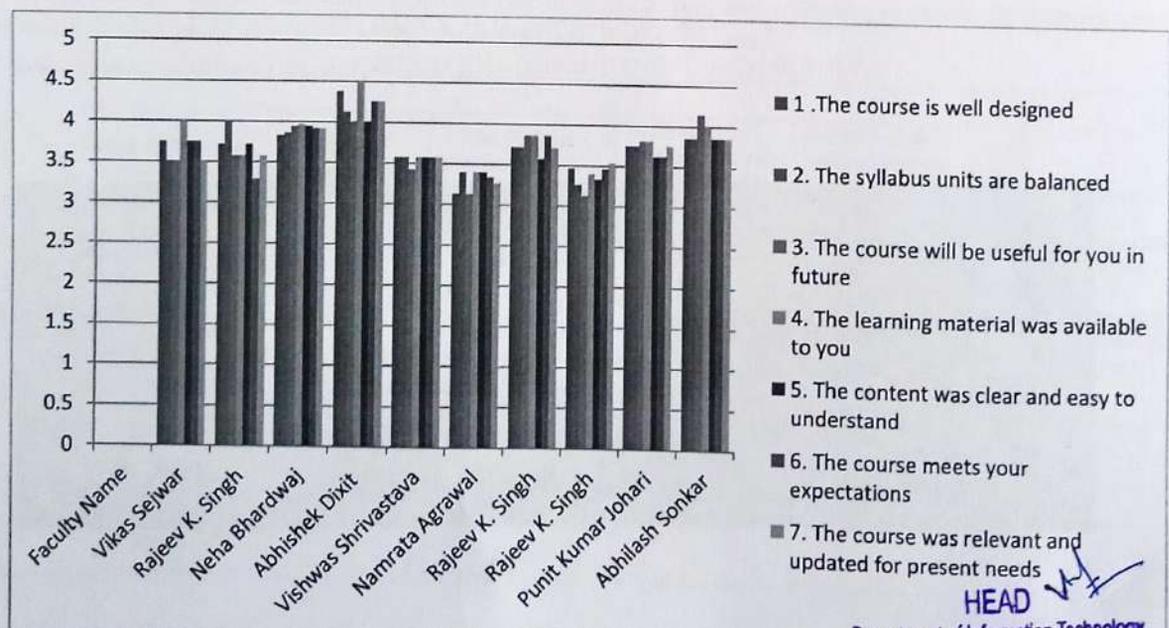
COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 18 (Avg.)

Link of feedbacks	https://drive.google.com/drive/u/0/folders/19Cy8zC2a-QEPFs_SY_N6TdtL2VL1k_dr
Action Taken	After discussion with the subject faculty members, syllabus have been updated
	Data Science is one of the subject run from NPTEL and with this session it will run for all branches.

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Parameter(Average Grading)		Subjects	Faculty Name	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
Subject Code	Subject Name									
160716	Mobile Computing (DE-3) (4)	7	Vikas Sejwar	3.75	3.5	3.5	4	3.75	3.75	3
900208	Soft Computing (OC-2) (6)	7	Rajeev K. Singh	3.714285	4	3.5714285	3.571428571	3.7142857	3.285714	3.57
900209	Network Security (OC-2) (35)	7	Neha Bhardwaj	3.828571	3.8571428	3.94285714	3.97142857	3.9428571	3.914285	3.91
900220	R Programming (OC-3) (8)	7	Abhishek Dixit	4.375	4.125	4	4.5	4	4.25	4.
900222	Computer Networks (OC-3) (7)	7	Vishwas Shrivastava	3.5714285	3.571428	3.428571429	3.571428571	3.571428571	3.571428	3.57
100008	Intellectual Property Rights (15)	7	Namrata Agrawal	3.133333333	3.4	3.133333333	3.4	3.4	3.333333	3.26
100005	EEEM (14)	5	Rajeev K. Singh	3.714286	3.714286	3.857143	3.857143	3.571429	3.857143	3.71
160502	Software Engineering (15)	5	Rajeev K. Singh	3.47	3.27	3.13	3.4	3.33	3.46	3.
160504	Microprocessor & Interfacing (16)	5	Punit Kumar Johari	3.75	3.75	3.8125	3.8125	3.625	3.625	3.
160503	Theory of Computation (7)	5	Abhilash Sonkar	3.857	3.857	4.14	4	3.857	3.857	3.8

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160716	Mobile Computing (DE-3)	7	Vikas Sejwar	25	28.5	35.7	10.7	0
900208	Soft Computing (OC-2)	7	Rajeev K. Singh	6.12	67.34	14.28	8.16	4.08
900209	Network Security (OC-2)	7	Neha Bhardwaj	29.79	34.28	33.06	2.85	0
900220	R Programming (OC-3)	7	Abhishek Dixit	33.92	53.57	12.5	0	0
900222	Computer Networks (OC-3)	7	Vishwas Shrivastava	28.57	14.28	40.81	16.32	0
100008	Intellectual Property Rights	7	Namrata Agrawal	17.14	9.52	61.9	8.57	2.85
			Average in %	23.423333	34.581667	33.041667	7.766667	1.11
100005	EEEM	5	Rajeev K. Singh	21.47	33.67	43.88	1.02	0
160502	Software Engineering	5	Rajeev K. Singh	23.8	20.95	47.6	5.71	1.9
160504	Microprocessor & Interfacing	5	Punit Kumar Johari	28.57	29.46	28.57	13.39	0
160503	Theory of Computation	5	Abhilash Sonkar	30.6	44.8	10.2	14.28	0
			Average in %	26.11	32.22	32.5625	8.6	0.4

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)

New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed.

As per the scenario, people refer online materials. Our Institute has provided e-learning materials. Recommendation has sent to library to add new books as per new courses and strength of books.

Parameter(Average Grading)	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
Subject name and faculty name					
1	900222 Computer Networks (OC-3) Vishwas Shrivastava	5	5	5	5
2	900208 Soft Computing (OC-2) Rajeev K. Singh	5	5	5	5

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	160503 Theory of Computation Abhilash Sonker	2	2	2	2	2
4	900209 Network Security (OC-2) Neha Bhardwaj	5	4	4	4	4
5	160716 Mobile Computing (DE-3) Vikas Sejwar	5	4	4	4	4
6	900220 R Programming (OC-3) Abhishek Dixit	4	5	5	4	5
7	160504 Microprocessor & Interfacing Punit Kumar Johari	5	5	5	5	5
8	160502 Software Engineering Rajeev K. Singh	5	5	4	4	4
9	160501 Discrete Structure Namrata Agrawal	5	5	4	5	4
10	100008 Intellectual Property Rights Namrata Agrawal	4	4	4	4	4

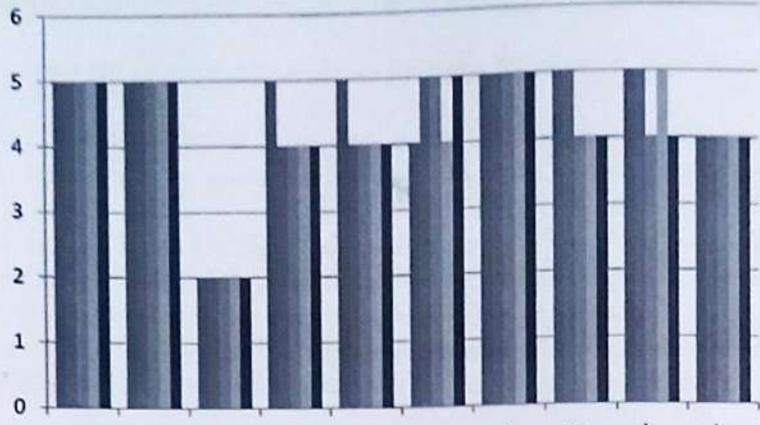
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)

Q.No	Curriculum Evaluation Point	Strongly Agree	Agree	Neutral	disagree	Strongly disagree
1	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	70	20	0	10	0
2	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	60	30	0	10	0
3	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	40	50	0	10	0
4	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	40	50	0	10	0
5	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	40	50	0	10	0
	Average in %	50	40	0	10	0


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- 900222 Computer Networks (OC-3) Vishwas Shrivastava
- 900208 Soft Computing (OC-2) Rajeev K. Singh
- 160503 Theory of Computation Abhilash Sonker
- 900209 Network Security (OC-2) Neha Bhardwaj
- 160716 Mobile Computing (DE-3) Vikas Sejwar
- 900220 R Programming (OC-3) Abhishek Dixit
- 160504 Microprocessor & Interfacing Punit Kumar Johari
- 160502 Software Engineering Rajeev K. Singh
- 160501 Discrete Structure Namrata Agrawal
- 100008 Intellectual Property Rights Namrata Agrawal

- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- 4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]
- 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

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Session wise analysis and impact report: September 2021 – January 2022

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 30 (Avg.)

- Based on the feedback data received from total 143 students and 11 faculty members (Second semester- IT, IT (AIR), IT (IoT)) for the academic session Sept. 2021 to Jan. 2022, following points have been analysed.
- It has been observed that, in 3rd semester 35.72% of students are strongly agreed, 40.03% of students are agreed, 22.39% of students are neutral, 1.86% of students are disagreed and only 0% of students are strongly disagreed with the syllabus/ content that they have studied in the 3rd semester.
- It has been observed that, in first semester 83.6% of faculty members are strongly agreed and 16.4% of faculty members are agreed with the syllabus/ content that they have taught in the 3rd semester.

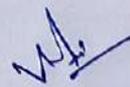
Sept. 2021 to Jan 2022 (3 rd Sem)	Student Feedback (Comments)		Response to student comments / Analysis	Remarks
(160311) computer System and Organization (IT)	Mention the course / contents which in your opinion is outdated & needs to be removed.	No	These topics are already a part of higher semester subjects.	Scheme has designed on the basis of branch and semester requirement
	Is any new course required to meet current needs?	Python and data analytics		
(230302) Design and Analysis of Algorithms (IOT)	Is any new course required to meet current needs?	blockchain technology should add as a subject	These topics are already a part of higher semester subjects.	Run through SWAYAM/NPTEL
(240303) DBMS (AIR)	Mention the course / contents which in your opinion is outdated & needs to be removed.	Machine Learning	These contents are already part of next semester	Subject name Machine Learning & optimization
Link	https://drive.google.com/drive/folders/1ZAGuLDpPRA8Qxy5Pt-dV0sOOtvza14Az?usp=sharing			
Action/ Taken (threshold value 3.5)	Along with technical subjects, a student must want some more trending subjects in their upcoming semester.			

Parameter(Average Grading)		1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
160311	Computer System Organization	3.79	3.83	3.76	3.86	3.86	3.88	3.79
160312	Design & Analysis of Algorithms	4.21	4.10	4.31	4.17	4.26	4.38	4.33

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0313	Database Management System	4.05	3.85	4.00	3.98	4.02	4.05	4.05
160314	Operating System	4.31	4.38	4.31	4.15	4.31	4.23	4.31
230301	Design & Analysis of Algorithms	3.83	4.00	4.22	3.94	4.22	4.11	4.28
230302	Operating System	4.31	4.38	4.31	4.15	4.31	4.23	4.31
230303	Computer Networks and Protocols	3.83	4.08	3.83	3.92	3.92	4.08	3.83
230304	Database Management System	3.75	4.00	4.25	4.50	4.25	4.25	4.25
240301	Design & Analysis of Algorithms	3.83	4.00	4.22	3.94	4.22	4.11	4.28
240302	Operating System	3.00	3.00	2.50	2.50	3.00	3.00	2.00
240303	Computer Networks and Protocols	3.83	4.08	3.83	3.92	3.92	4.08	3.83
240304	Database Management System	4.05	4.13	4	4.18	4.1	4.13	4.08

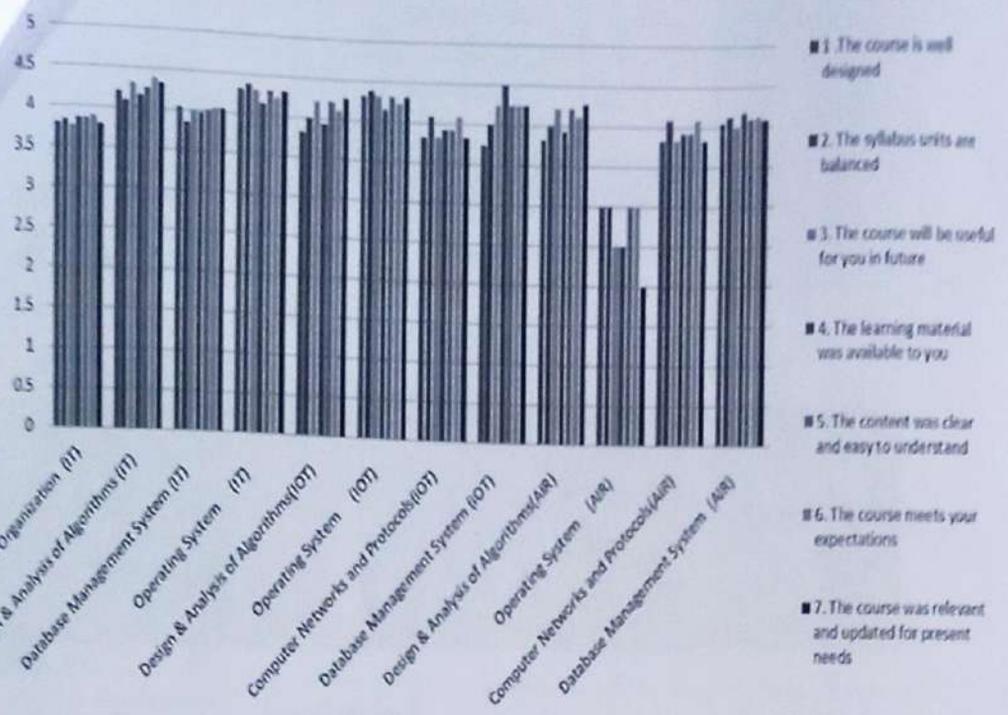
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



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Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160311	Computer System Organization	3	Prof. Neha Bhardwaj	22.11	43.88	28.23	5.78	0.00
160312	Design & Analysis of Algorithms	3	Prof. Abhishek Dixit	41.16	44.22	13.27	1.36	0.00
160313	Database Management System	3	Prof. Punit Kumar Johari	29.30	44.79	22.52	3.39	0.00
160314	Operating System	3	Dr. Sanjiv Sharma	40.66	47.25	12.09	0.00	0.00
230301	Design & Analysis of Algorithms	3	Prof. Vishwas Shrivastava	38.10	32.54	29.37	0.00	0.00
230302	Operating System	3	Prof. Vikash Sejwar	40.66	47.25	12.09	0.00	0.00
230303	Computer Networks and Protocols	3	Prof. Abhilash Sonkar	29.76	38.1	27.38	4.76	0
230304	Database Management System	3	Dr. Saumil Maheshwari	39.19	32.23	27.47	1.1	0
240301	Design & Analysis of Algorithms	3	Prof. Vishwas Shrivastava	38.10	32.54	29.37	0.00	0.00

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2302	Operating System	3	Dr. Sanjiv Sharma	40.66	47.25	12.09	0.00	0.00
240303	Computer Networks and Protocols	3	Prof. Abhilash Sonkar	29.76	38.1	27.38	4.76	0
240304	Database Management System	3	Dr. Saumil Maheshwari	39.19	32.23	27.47	1.1	0
			Average	35.72	40.03	22.39	1.86	0

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)

As per strength enough books are not available in library but it is already conveyed. As per the scenario, people refer onlin materials. Our Institute has provided e-learning materials.

Parameter(Average Grading)	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum capable o inculcating life-long learning abilities in students. (Any suggestion please give below)
160311 Computer System Organization Prof. Neha Bharadwaj	4	5	5	4	4
160312 Design & Analysis of Algorithms Prof. Abhishek Dixit	4	5	5	5	5
160313 Database Management System Prof. Punit Kumar Johari	5	5	5	5	5
160314 Operating System Dr. Sanjiv Sharma	5	5	5	5	4
230301 Design & Analysis of Algorithms Prof. Vishwas Shrivastava	4	5	5	5	5
230302 Operating System Prof. Vikash Sejwar	4	5	5	5	5
230303 Computer Networks and Protocols Prof. Abhilash Sonkar	5	5	5	5	5

Course Name & Faculty	5	5	5	5	5
240301 Design & Analysis of Algorithms Prof. Vishwas Shrivastava	5	5	5	5	4
240302 Operating System Dr. Sanjiv Sharma	4	5	5	5	5
240303 Computer Networks and Protocols Prof. Abhilash Sonkar	4	5	5	5	5
240304 Database Management System Dr. Saumil Maheshwari	5	5	5	5	5



■ 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)

■ 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?

■ 3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)

■ 4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. (If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest)

■ 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

240301 Computer System Organization Prof. Neha Bhardwaj
 240302 Design & Analysis of Algorithms Prof. Abhilash Sonkar
 240303 Database Management System Prof. Purat Kumar (phari)
 240304 Operating System Dr. Sanjiv Sharma
 240305 Design & Analysis of Algorithms Prof. Vishwas Shrivastava
 240306 Computer Networks and Protocols Prof. Abhilash Sonkar
 240307 Database Management System Dr. Saumil Maheshwari
 240308 Design & Analysis of Algorithms Prof. Vishwas Shrivastava
 240309 Operating System Dr. Sanjiv Sharma
 240310 Computer Networks and Protocols Prof. Abhilash Sonkar
 240311 Database Management System Dr. Saumil Maheshwari

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	0	0	50	50
The Courses and content are up to date.	0	0	0	100	0

<p>03</p> <p>The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.</p>	0	0	0	0	100
<p>The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.</p>	0	0	0	8	92
<p>The curriculum is capable of inculcating life-long learning abilities in students.</p>	0	0	0	25	75
<p>Average</p>	0.00	0	0	16.6	83.4



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Session wise analysis and impact report: October 2021 to March 2022

- Based on the feedback data received from total 405 students and 06 faculty members (First semester- IT, IT (AIR), IT (IoT), IT (AIML), IT (AIDS) for the academic session October 2021 to March 2022, following points have been analysed.
- It has been observed that, in first semester 39.01% of students are strongly agreed, 33.24% of students are agreed, 20.80% of students are neutral, 4.94% of students are disagreed and only 2.01% of students are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add soil management, Ecology, security in IoT, web development, Bootstrap, app development, Data science, CPP, Machine learning, Ethical Hacking and Python under new course, Minor specialization and departmental electives. (These subjects are already the part of curriculum in higher semesters).
- Some students has suggested to add Energy and its types, About soil management, Ecology in EEES, linear algebra in mathematics (These topics are already the part of syllabus).
- It has been observed that, in first semester 75.71% of faculty members are strongly agreed, 12.86% of faculty members are agreed, and 7.14% of faculty members are neutral with the syllabus/ content that they have taught in the first semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 30 (Avg.)

Oct. to March 2022 (1 st sem)	Student Feedback (Comments)		Response to student comments / Analysis	Remarks
(100015) Energy Environment, Ecology & Society (AIML)	Mention the course / contents which in your opinion is outdated & needs to be removed.	Energy and its types.	These topics are required to meet the course objective of the subject	Suggested and discussed in BoS meeting
	Is any new course required to meet current needs?	About soil management, Ecology	As per request of students, subject related to web development and app development can be offered in DLC.	
	Honours	website making	Minor specialization subjects are offered by other departments.	
	Minor specialization	web development		
	Departmental electives	app development		
(230101) Introduction to Internet of Things (IOT)	Is any new course required to meet current needs?	security in IoT,	These topics are already a part of higher semester subjects.	
	Honours	Web development, CPP language	As per request of students, subject related to web development and app development can be offered in DLC.	
	Minor specialization	Web development,		
	Departmental electives	IT, Bootstrap		
	Open electives	Skill development, Real programs	CPP is in second semester in all programmes	
(270101) Introduction to AI and DS (AIDS)	Mention the course / contents which in your opinion is outdated & needs to be removed.	AI methodology, I guess this course needs to be more structured.	These topics are already a part of higher semester subjects. Only introductory part it is running in 1 st sem.	Run through NPTEL

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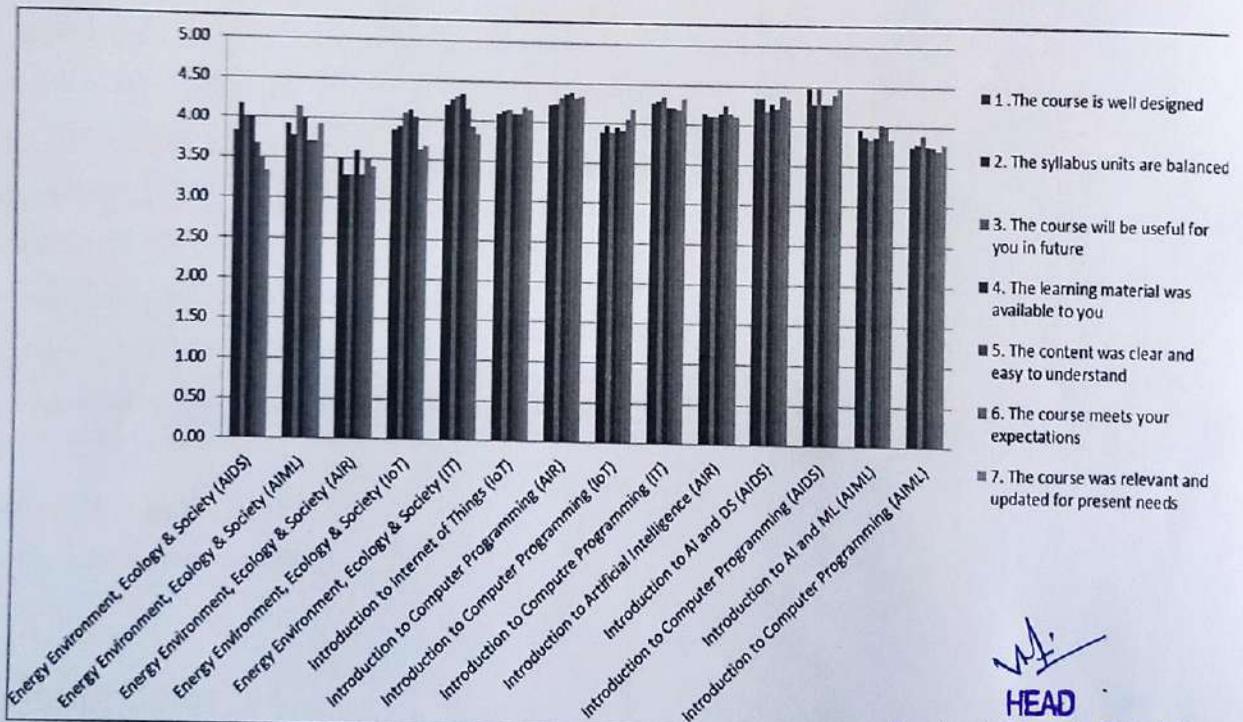
	Is any new course required to meet current needs?	Data science	This subject is already a part of higher semester.
(270102, 280102, 230102) Introduction to Computer Programming (AIDS, AIML, IoT)	Mention the course / contents which in your opinion is outdated & needs to be removed.	linear algebra	linear algebra is essential as mathematical foundation for AI based programmes
	Name course / contents which needs to be updated.	more practical problems	
	Is any new course required to meet current needs?	C++ must be included, I think we should start from Python language, About Ethical Hacking, Python, Training AI	The subjects (CPP, Python, Networking, and Ethical hacking) are already a part of curriculum and offered in higher semesters under Open category.
	Honours	Python Programming	
	Minor specialization	Mathematics, Economics	
	Departmental electives	Machine learning, Ethical Hacking, Economics	For practice, more programmes will be added.
	Open electives	Networking, Economics	
Link	https://drive.google.com/drive/folders/1tX3Ughu6bABhGfCpbTTk3fzlvghMpZV?usp=sharing		
Action/ Taken (threshold value 3.5)	<p>Along with technical subjects, a student must aware of the environment & society so EEES is the part of curriculum.</p> <p>After discussion with the subject faculty members, syllabus has updated</p> <p>After discussion with HOD and faculty members subject such as web and app development, Bootstrap will include in curriculum.</p>		

Parameter(Average Grading)		1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course relevant and updated for pr needs
Subject Name and code								
100015	Energy Environment, Ecology & Society (AIDS) (6)	3.83	4.17	4.00	4.00	3.67	3.50	3.33
100015	Energy Environment, Ecology & Society (AIML) (14)	3.93	3.79	4.14	4.00	3.71	3.71	3.93
100015	Energy Environment, Ecology & Society (AIR) (10)	3.50	3.30	3.30	3.60	3.30	3.50	3.40
100015	Energy Environment, Ecology & Society (IoT) (24)	3.88	3.92	4.08	4.13	4.04	3.63	3.67
100015	Energy Environment, Ecology & Society (IT) (45)	4.20	4.27	4.31	4.33	4.16	3.93	3.84
230101	Introduction to Internet of Things (IoT) (32)	4.09	4.13	4.16	4.09	4.09	4.19	4.16

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	Introduction to Computer Programming (AIR) (51)	4.22	4.24	4.31	4.35	4.37	4.31	4.33
230102	Introduction to Computer Programming (IoT) (42)	3.88	3.98	3.88	3.95	3.90	4.05	4.19
230102	Introduction to Computer Programming (IT) (49)	4.27	4.29	4.35	4.20	4.20	4.18	4.33
240101	Introduction to Artificial Intelligence (AIR) (29)	4.14	4.10	4.10	4.14	4.24	4.14	4.10
270101	Introduction to AI and DS (AIDS) (32)	4.34	4.34	4.19	4.28	4.22	4.38	4.34
270102	Introduction to Computer Programming (AIDS) (25)	4.48	4.28	4.48	4.28	4.28	4.40	4.48
280101	Introduction to AI and ML (AIML) (31)	3.97	3.87	3.84	3.87	4.03	4.00	3.84
280102	Introduction to Computer Programming (AIML) (47)	3.74	3.79	3.89	3.77	3.74	3.70	3.79

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



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Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly Disagree in %
100015	Energy Environment, Ecology & Society (AIDS)	1	Prof. Namrata Agrawal	28.57	35.71	26.19	4.76	4.76
100015	Energy Environment, Ecology & Society (AIML)	1	Dr. Vikram Rajpoot	26.53	40.82	28.57	3.06	1.02
100015	Energy Environment, Ecology & Society (AIR)	1	Dr. Vikram Rajpoot	18.57	21.43	42.86	17.14	0.00
100015	Energy Environment, Ecology & Society (IoT)	1	Prof. Namrata Agrawal	30.95	36.31	26.19	5.36	1.19
100015	Energy Environment, Ecology & Society (IT)	1	Dr. Vikram Rajpoot	44.44	31.43	20.00	2.86	1.27
230101	Introduction to Internet of Things (IoT)	1	Dr. Dhananjay Bisen	43.30	29.46	24.55	2.23	0.45
230102	Introduction to Computer Programming (AIR)	1	Dr. Vikram Rajpoot	53.22	28.85	13.45	4.20	0.28
230102	Introduction to Computer Programming (IoT)	1	Dr. Vikram Rajpoot	31.63	37.41	27.89	3.06	0.00
230102	Introduction to Computer Programming (IT)	1	Dr. Dhananjay Bisen	45.77	37.90	13.99	1.17	1.17
240101	Introduction to Artificial Intelligence (AIR)	1	Dr. Tej Singh	46.31	35.47	8.87	4.43	4.93
270101	Introduction to AI and DS (AIDS)	1	Dr. Pawan Dubey	51.34	29.91	16.07	2.68	0.00
270102	Introduction to Computer Programming (AIDS)	1	Dr. Dhananjay Bisen	56.57	26.86	14.86	1.71	0.00
280101	Introduction to AI and ML (AIML)	1	Dr. Tej Singh	40.09	35.48	9.22	6.45	8.76
280102	Introduction to Computer Programming (AIML)	1	Dr. Vikram Rajpoot	28.88	38.30	18.54	10.03	4.26
			Average	39.01	33.24	20.80	4.94	2.01

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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

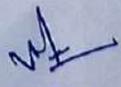
Action / taken (threshold value 3.5)

New programmes (AIML, AIR) have been started from Dec 2020, so as per strength enough books are not available in library but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.

Introduction to Artificial Intelligence & Machine Learning and Introduction to Artificial Intelligence are the fundamental subject of AIML and AIR respectively, basic and core subjects knowledge are covered here. Gradually the level and new concepts of programming has incorporated in higher semesters and accordingly syllabus, course content will be updated.

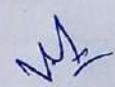
Link: https://drive.google.com/drive/folders/1B9E0FZa56p8gmDmX8RK0WQ0C3vh_hLSx?usp=sharing

Parameter (Average Grading)	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life long learning abilities in students. (An suggestions, please give below)
280101 Introduction to Artificial Intelligence & Machine Learning, AI & ML, Dr. Tej Singh	2	3	3	3	4
100015 Energy Environment, Ecology & Society, AI & DS, Prof. Namrata Agrawal	5	5	5	5	5
100015 Energy Environment, Ecology & Society, AIR, Prof. Namrata Agrawal	5	5	5	5	5
270102 Introduction to Computer Programming, AI & DS, Dr. Dhananjay Bisen	5	5	5	5	4
230101 Introduction to Internet of Things, IoT, Dr. Dhananjay Bisen	4	5	5	5	4


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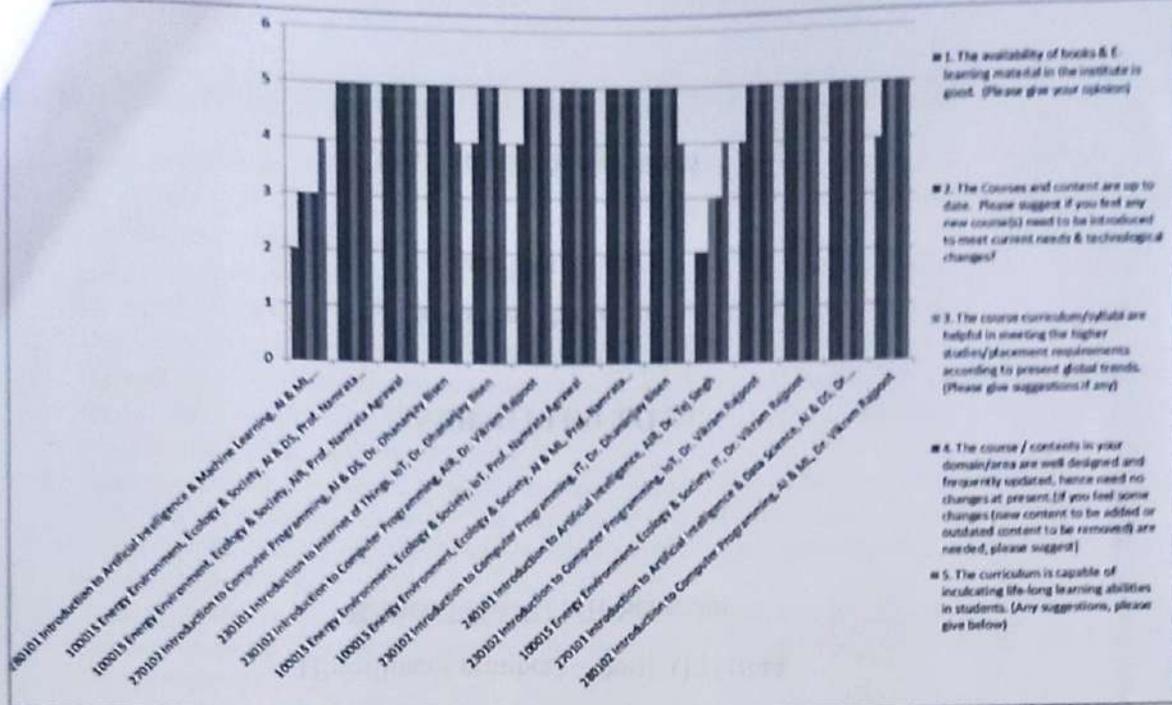
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10102 Introduction to Computer Programming, AIR, Dr. Vikram Rajpoot	4	5	5	5	5
100015 Energy Environment, Ecology & Society, IoT, Prof. Namrata Agrawal	5	5	5	5	5
100015 Energy Environment, Ecology & Society, AI & ML, Prof. Namrata Agrawal	5	5	5	5	5
230102 Introduction to Computer Programming, IT, Dr. Dhananjay Bisen	5	5	5	5	4
240101 Introduction to Artificial Intelligence, AIR, Dr. Tej Singh	2	2	3	3	4
230102 Introduction to Computer Programming, IoT, Dr. Vikram Rajpoot	4	5	5	5	5
100015 Energy Environment, Ecology & Society, IT, Dr. Vikram Rajpoot	5	5	5	5	5
270101 Introduction to Artificial Intelligence & Data Science, AI & DS, Dr. Pawan Dudey	5	5	5	5	5
280102 Introduction to Computer Programming, AI & ML, Dr. Vikram Rajpoot	4	5	5	5	5



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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	14.29	0	28.57	57.14
The Courses and content are up to date.	0	7.14	7.14	0	85.71
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	14.29	0	85.71
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	0	14.29	0	85.71
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	0	35.71	64.29
	0.00	4.29	7.14	12.86	75.71

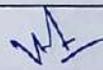

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Session wise analysis and impact report: January to April 2022

- Based on the feedback data received from total 305 students and 12 faculty members (fourth semester- IT, IT (AIR), IT (IoT), IT (MAC), IT (EE-IoT) for the academic session January to April 2022, following points have been analysed.
- It has been observed that, in fourth semester 41.09% of students are strongly agreed, 33.16% of students are agreed, 20.12% of students are neutral, 4.76% of students are disagreed and only 0.87% of students are strongly disagreed with the syllabus/ content that they have studied in semester.
- Students have suggested to add new courses such as IoT communication and connections, Database design, SQL, NoSql, Web Development, Design for internet of things, Practical of cloud computing under to meet current needs and Honours.
- Some students have suggested to add some topics such as agile model, Access Controls, Remote Access VPN, Zero Trust Network Access (ZTNA), Data Loss Prevention (DLP), Intrusion Prevention Systems (IPS), Hyperscale Network Security, Cloud Network Security under update course/contents. (Students cover these topics are higher semesters).
- It has been observed that, in fourth semester 42.22% of faculty members are strongly agreed, 37.78% of faculty members are agreed, and 15.55% of faculty members are neutral with the syllabus/ content that they have taught in the fourth semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 23 (Avg.)

January to April 2022 (IV sem)	Student Feedback (Comments)		Response to student comments / Analysis	Remarks
(230402) Cloud Computing (IoT)	Name course / contents which needs to be updated.	Practical of cloud computing	That matter will put into departmental meeting (consisting of HOD and faculty members) and committee will check the importance of subject and decide. We will do the needful.	Suggestio
(230404) IoT Architectures and Protocols (IoT)	Is any new course required to meet current needs?	IoT communication and connections	This topic is the part of Introduction to IoT, has discussed in brief and in detail will be discussed higher semesters.	
(230403) Software Engineering (IoT)	Name course / contents which needs to be updated.	agile model in 1st unit	This matter was put into BoS meeting and the same will be updated in the subject.	
(230405) Network & Web Security (IoT)	Name course / contents which needs to be updated	Access Controls, Remote Access VPN, Zero Trust Network Access (ZTNA), Data Loss Prevention (DLP), Intrusion Prevention Systems (IPS), Hyperscale Network Security, Cloud Network Security	This matter was put into BoS meeting and the essential topics will be updated in the subject	Suggestio


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(220401) Database Management System (EE-IoT)	Mention the course / contents which in your opinion is out dated & needs to be removed.	-As of now mysql isn't much used in industry , oracle is used so instead of mysql , oracle should've been the in the syllabus -More labs are required	Students are free to use any technology (backend end/ database) while designing projects. Faculty members as mentors help them to learn. As per curriculum, mentioned labs are sufficient for that subject but if students need they can use labs to perform experiments related to DBMS in free slots. Faculty members as mentors help them to learn.
	Name course / contents which needs to be updated	Database design Sql should be taught more	The subject is already a part of syllabus.
	Is any new course required to meet current needs?	NoSql Web Development	Mini skill project associated with practical subjects enhance think & design capability. Student can use NoSql as backend technology in web development
	Honours	Design for internet of things	The subject is already a part of syllabus and offered in higher semesters through NPTEL.
Link	https://drive.google.com/drive/folders/1s7wlKfGzVFE_Z2mQoIn1PKJ2yavUPw5D?usp=sharing		
Action/ Taken (threshold value 3.5)	MYSQL is open source software required to implement concept of DBMS. Most of the IT companies are working on that technology so it is important for students as well as many applications of higher learning require this technology as prerequisite.		

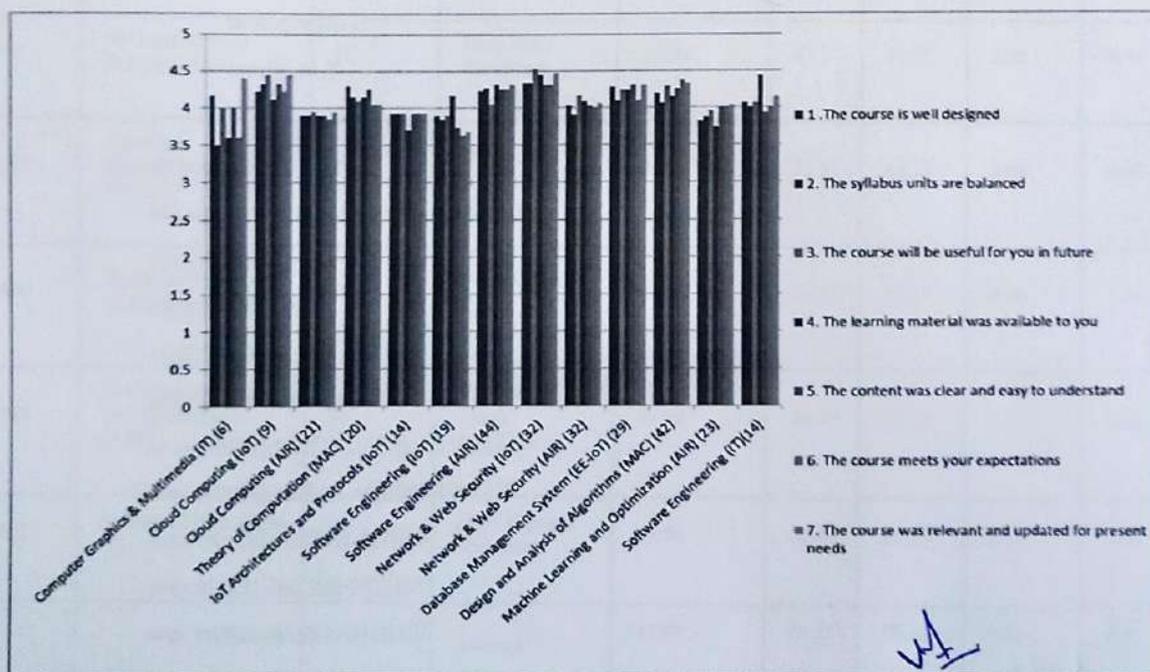
Subject Name and code		Parameter (Average Grading)						
		1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course relevant and update present needs
160411	Computer Graphics & Multimedia (IT) (6)	4.16	3.5	4	3.6	4	3.6	4.4
230402	Cloud Computing (IoT) (9)	4.22	4.33	4.44	4.11	4.33	4.22	4.44
240402	Cloud Computing (AIR) (21)	3.90	3.90	3.95	3.90	3.90	3.85	3.95
250403	Theory of Computation (MAC) (20)	4.30	4.15	4.10	4.15	4.25	4.05	4.05
230404	IoT Architectures and Protocols (IoT) (14)	3.93	3.93	3.93	3.71	3.93	3.93	3.93

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03	Software Engineering (IoT) (19)	3.89	3.84	3.89	4.16	3.74	3.63	3.68
240403	Software Engineering (AIR) (44)	4.23	4.27	4.05	4.32	4.25	4.25	4.32
230405	Network & Web Security (IoT) (32)	4.34	4.34	4.53	4.44	4.31	4.31	4.47
240405	Network & Web Security (AIR) (32)	4.03	3.91	4.16	4.09	4.03	4.00	4.06
220401	Database Management System (EE-IoT) (29)	4.28	4.10	4.24	4.24	4.31	4.10	4.31
250404	Design and Analysis of Algorithms (MAC) (42)	4.19	4.07	4.29	4.14	4.26	4.38	4.33
240404	Machine Learning and Optimization (AIR) (23)	3.83	3.87	3.96	3.74	4.00	4.00	4.04
160412	Software Engineering (IT)(14)	4.07	4.00	4.07	4.43	3.93	4.00	4.14

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Satisfactory, 1: Poor)



Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree %
160411	Computer Graphics & Multimedia (IT)	IV	Prof. Vikas Sejwar	38.10	26.19	23.81	11.90	0.00
230402	Cloud Computing (IoT)	IV	Prof. Vikas Sejwar	53.97	28.57	11.11	6.35	0.00
240402	Cloud Computing (AIR)	IV	Prof. Vikas Sejwar	28.57	36.73	31.97	2.72	0.00
250403	Theory of Computation (MAC)	IV	Prof. Abhilash Sonker	40.71	35.71	21.43	2.14	0.00
230404	IoT Architectures and Protocols (IoT)	IV	Prof. Abhilash Sonker	31.63	38.78	19.39	8.16	2.04
230403	Software Engineering (IoT)	IV	Prof. Rajeev Kumar Singh	36.84	25.56	27.07	5.26	5.26
240403	Software Engineering (AIR)	IV	Prof. Rajeev Kumar Singh	52.60	24.35	18.51	3.57	0.97
230405	Network & Web Security (IoT)	IV	Prof. Neha Bhardwaj	56.70	28.57	12.05	2.68	0.00
240405	Network & Web Security (AIR)	IV	Prof. Neha Bhardwaj	31.70	43.30	22.32	2.68	0.00
220401	Database Management System (EE-IoT)	IV	Dr. Saumil Maheshwari	46.31	32.51	18.72	2.46	0.00
250404	Design and Analysis of Algorithms (MAC)	IV	Prof. Abhishek Dixit	41.16	44.22	13.27	0.00	1.36
240404	Machine Learning and Optimization (AIR)	IV	Dr. Bhagat Singh Raghuvansi	27.95	44.10	20.50	6.83	0.62
160412	Software Engineering (IT)	IV	Prof. Vishwas Srivastava	47.96	22.45	21.43	7.14	1.02
			Average	41.09	33.16	20.12	4.76	0.87

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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)

New programmes (IoT, AIR, MAC, EE-IoT) have been started recently, so as per strength enough books are not available in library but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.

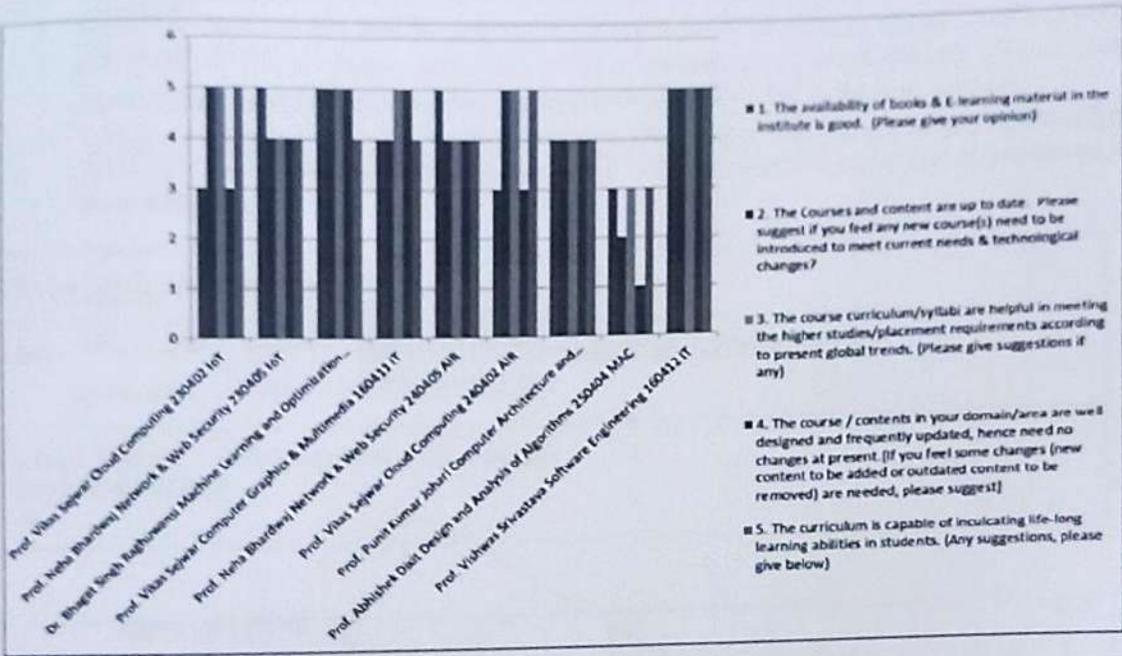
Syllabus is updated as per the requirement of current scenario.

Link: <https://drive.google.com/drive/folders/1INzmESjL-j6mFjGJVrRQnPiH4MCxqc5P?usp=sharing>

Parameter (Average Grading) Subject name and faculty name	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. (If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest)	5. The curriculum capable of inculcating long learning abilities in students. (/ suggestions please give below)
Prof. Vikas Sejwar Cloud Computing 230402 IoT	3	5	5	3	5
Prof. Neha Bhardwaj Network & Web Security 230405 IoT	5	4	4	4	4
Dr. Bhagat Singh Raghuvansi Machine Learning and Optimization 240404 AIR	5	5	5	5	4
Prof. Vikas Sejwar Computer Graphics & Multimedia 160411 IT	4	4	5	5	4
Prof. Neha Bhardwaj Network & Web Security 240405 AIR	5	4	4	4	4
Prof. Vikas Sejwar Cloud Computing 240402 AIR	3	5	5	3	5
Prof. Punj Kumar Johari Computer Architecture and Microprocessor 230401 IoT	4	4	4	4	4

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Abhishek Dixit Design Analysis of Algorithms MAC	3	2	3	3	3
Vishwas Srivastava Software Engineering 160412 IT	5	5	5	5	5



Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	0	33.33	22.22	44.44
The Courses and content are up to date.	0	11.11	0	44.44	44.44
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	11.11	33.33	55.56
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	11.11	22.22	33.33	33.33
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	11.11	55.56	33.33
	0.00	4.44	15.55	37.78	42.22

Session wise analysis and impact report: January -April 2022

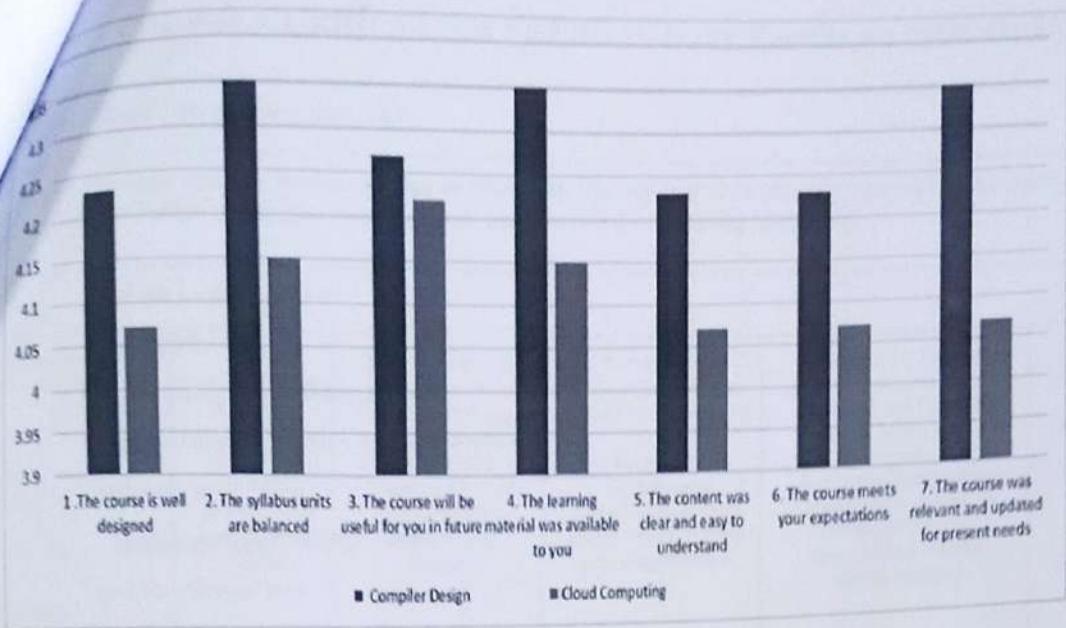
COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 30 (Avg.)

- Based on the feedback data received from total 56 students and 11 faculty members (sixth sem.- IT) for the academic session Jan. to April 2022, following points have been analysed.
- It has been observed that, in sixth semester 51.18% of students are strongly agreed, 24.33% of students are agreed, 18.54% of students are neutral, 3.54% of students are disagreed and only 2.2% of students are strongly disagreed with the syllabus/ content that they have studied in the sixth semester.
- It has been observed that, in first semester 60% of faculty members are strongly agreed, 32.4% of faculty members are agreed and 7.6% of faculty are neutral with the syllabus/ content that they have taught in the sixth semester.

Jan to April 2022 (VI sem)	
Link	https://drive.google.com/drive/folders/1ZAGuLDpPRA8Qxy5Pt-dV0sOQtvza14Az?usp=sharing
Action/ Taken (threshold value 3.5)	No comments have received.

Parameter (Average Grading)		1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course is relevant and updated present needs
Subject Name and code								
160601	Compiler Design	4.23	4.35	4.27	4.35	4.23	4.23	4.35
160614	Cloud Computing	4.07	4.15	4.22	4.15	4.07	4.07	4.07

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160601	Compiler Design	6	Prof. Abhishek Dixit	59.89	18.68	15.93	1.10	4.40
160614	Cloud Computing	6	Prof. Neha Bharadwaj	45.50	26.98	21.16	6.35	0.00
			Average	51.18	24.33	18.54	3.75	2.2

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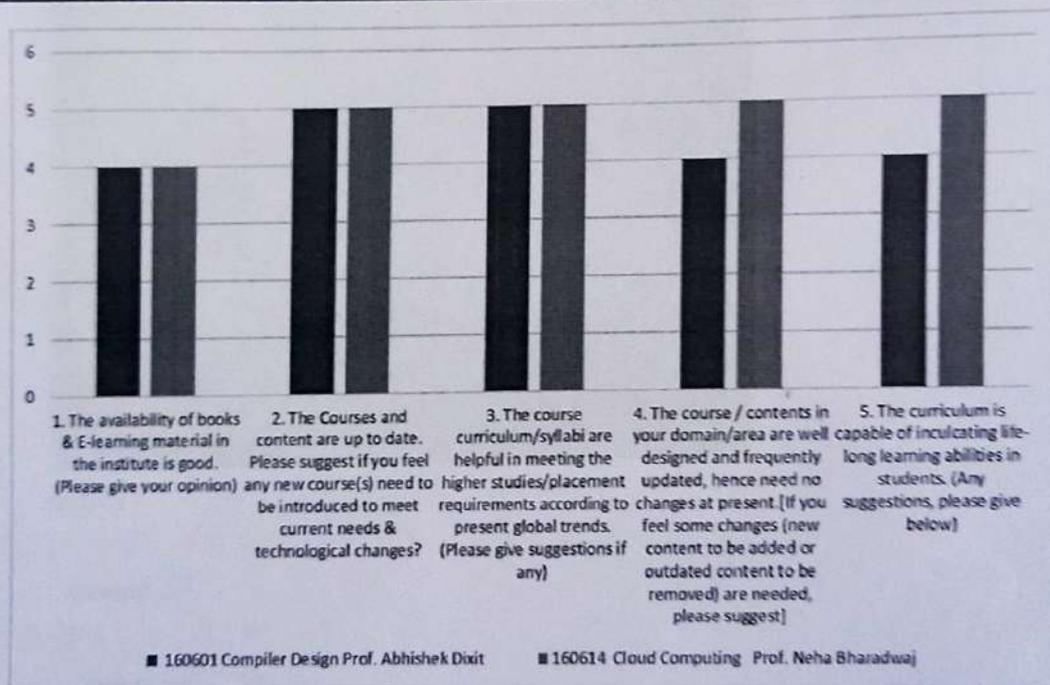
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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)

As per strength enough books are not available in library but it is already conveyed. As per the scenario people refer online materials. Our Institute has provided e-learning materials.

Parameters (Average Grading)	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
Subject Name and Faculty name					
160601 Compiler Design Prof. Abhishek Dixit	4	5	5	4	4
160614 Cloud Computing Prof. Neha Bharadwaj	4	5	5	5	5



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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	0	10	40	50
The Courses and content are up to date.	0	0	0	44	56
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	16	30	54
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	0	0	10	90
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	12	38	50
	0.00	0	7.6	32.4	60



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Department of Information Technology**Alumni Feedback****Analysis and Impact report: (Batch 2017-2021)**

Based on the feedback data received from total 46 Alumni of above mentioned batch following points have been analysed:

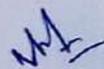
- It has been analyzed that 32.61% of students are strongly agreed, 50% of students are agreed, 15.2% of students are neutral, and 2.17% of students are disagreed with Course content which is interest and as per Industry needs.
- It is found that 28.26 % of students are strongly agreed, 50% of students are agreed, 13.04% of students are neutral, and 8.69% of students are disagreed to apply, analyze, design and create products solutions for real life engineering problems.

S. No.	Comments	Action Taken	Result
1	Need to more focus on programming using data structure, or split data structure in two parts so it will be beneficial for students to focus more and more.	To inculcate the habit of coding, mini skill project has already incorporated as a part of scheme.	Implemented
2	focus on development section, which is very useful for grab a job in service based companies	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.	Implemented
3	Try to add course regarding remove nervousness during interviews	Self-study & seminar gives a platform to the student where he can improve himself write communication.	Implemented
4	Small Projects based on domain should be given in every semester, so that students gain knowledge and develop interest	To inculcate the habit of coding, mini skill project has already incorporated as a part of scheme.	Implemented
5	Last 3 semester's subjects were totally from non IT background. Try to teach latest technology instead, so that it will be helpful for placements	According to the recent scenario, and request of so many students to teach at least 2-3 subjects from other discipline so that they can be more versatile.	Proposed for discuss

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	More practical Labs than Theory classes	Try to add practicals where not included, and add more practicals where already included for practice.	Discussed
7	Constant updation of curriculum to be industry ready	Suggestions required from industry. Workshops will be conducted with them and will take meetings from alumni.	Implemented
8	focus more on AI and machine learning	This course has already added in higher semesters.	Implemented
9	Internship and coding please	As a part of curriculum, department offers internships to lower semester students and allow higher semester students to go for internships rather than project. Department placement cell also suggest them good company's for internships.	Implemented
10	Data science problem solving	This course has already added in higher semesters.	Implemented
11	Basic need of understanding of current technology management	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.	Implemented
12	More technology and companies must be invited for placements	T&P cell and department is trying to contact with many companies continuously.	In progress
13	Include more practical lectures than theoretical ones	Try to add practicals where not included, and add more practicals where already included for practice.	Discussed
14	It should include international courses too like Coursera and edx	Students are free for attend any international courses	Discussed



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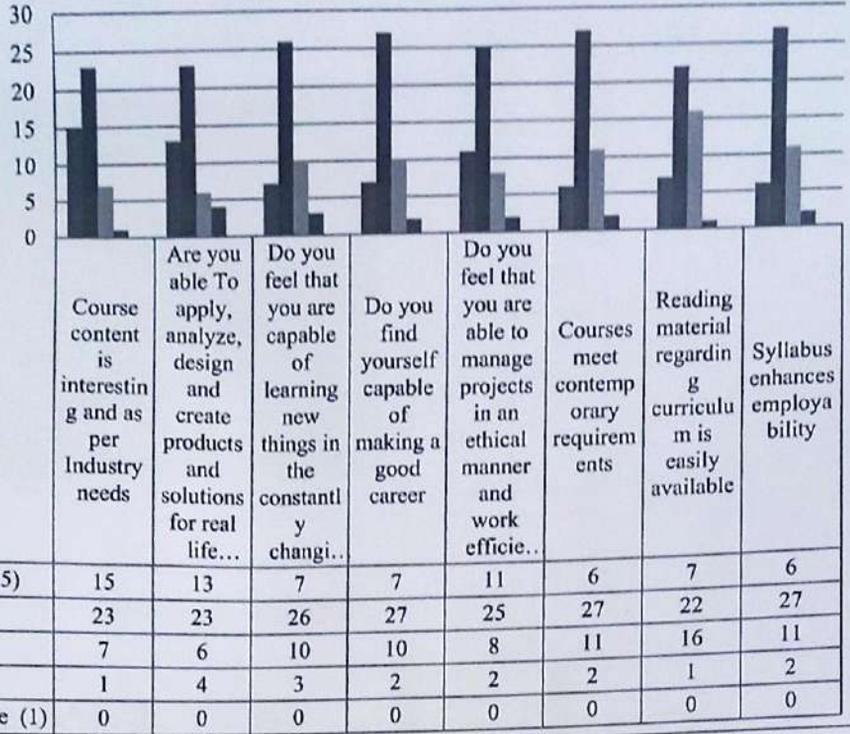
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PARAMETERS	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)
Course content is interesting and as per Industry needs	15	23	7	1	0
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems	13	23	6	4	0
Do you feel that you are capable of learning new things in the constantly changing technological world?	7	26	10	3	0
Do you find yourself capable of making a good career	7	27	10	2	0
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	11	25	8	2	0
Courses meet contemporary requirements	6	27	11	2	0
Reading material regarding curriculum is easily available	7	22	16	1	0
Syllabus enhances employability	6	27	11	2	0
Link of the Alumni feedback	https://docs.google.com/spreadsheets/d/1hj_25OhnOoq8xWH9qY6tfzGqNZ0btTWTVMbH4by4/edit?usp=sharing				


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No. of Alumni



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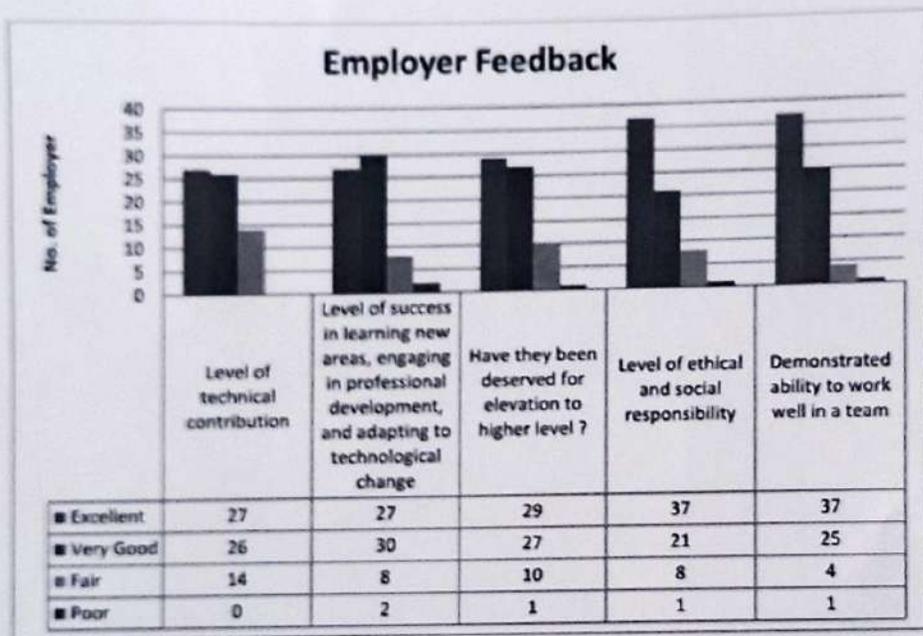
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EMPLOYER SATISFACTION SURVEY (2018-2021): Sample Size : 67

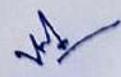
Parameter (MITS Student working under you or in your Organization)	Excellent	Very Good	Fair	Poor	Employer Satisfaction Index
Level of technical contribution	27	26	14	0	4.19
Level of success in learning new areas, engaging in professional development, and adapting to technological change	27	30	8	2	4.16
Have they been deserved for elevation to higher level?	29	27	10	1	4.22
Level of ethical and social responsibility	37	21	8	1	4.37
Demonstrated ability to work well in a team	37	25	4	1	4.43

Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)



Link of Employer Feedback

<https://docs.google.com/spreadsheets/d/10j8MtXBQSDv8H2bmHfxVIOvQM3qTL3q/edit?usp=sharing&ouid=109055627337813693303&rtopof=true&sd=true>


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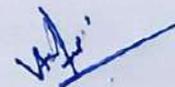
DEPARTMENT OF INFORMATION TECHNOLOGY

Analysis Report of Feedback on Course Curriculum Collected from various Stakeholders

S. No.	Feedback Report
1	COURSE CURRICULUM FEEDBACK (December 2020 to March 2021)
2	COURSE CURRICULUM FEEDBACK (January 2021 to June 2021)
3	COURSE CURRICULUM FEEDBACK (April 2021 to July 2021)
4	ALUMNI FEEDBACK (Batch 2017 -2021)
5	EMPLOYER FEEDBACK

Session wise analysis and impact report: December 2020 to March 2021

- Based on the feedback data received from total 143 students and 11 faculty members (First semester- IT, IT (AIR), IT(IoT) & M. Tech) for the academic session December 2020 to March 2021, following points have been analysed:
- It has been observed that, in first semester 21.75% of students are strongly agreed, 38.65% of students are agreed, 28.98% of students are neutral, 10.3% of students are disagreed and only 0.2% of students are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add Microcontrollers, web development, GIT hub and Python. (These subjects are already the part of curriculum in higher semesters)
- Some students has suggested to remove EEES from their curriculum as it is not the technical subject and not required in future prospective.
- It has been observed that, in first semester 41.8% of faculty members are strongly agreed, 45.632% of faculty members are agreed, and 12.726% of faculty members are neutral with the syllabus/ content that they have taught in the first semester.



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COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 14 (Avg.)

Dec 2020 -March 2021	Student Feedback (comments)		Response to student comments / Analysis	Remarks
EEES –IT(100015)	Microcontrollers, web development, GIT hub	microcontrollers	These topics are already a part of higher semester subjects. On introductory level it is running in I sem. in IT (IoT)	(10) Is any new course required to meet current needs?
EEES –AIR(100015)	Technical English	DLD	Both subjects are required. Technical English is the backbone of communication an DLD is the fundamental for other subjects.	(8) Mention the course / contents which in your opinion is outdated & needs to be removed.
ICP_230102 (IoT)	Technical English is need to be removed/ Python	all courses are updated/ AI & Robotics	The subject is already a part of curriculum and offered in higher semesters.	(8) Mention the course / contents which in your opinion is outdated & needs to be removed./ (9) Name course / contents which needs to be updated./ (2) (ii) Minor specialization:
ICP_230102	More question are required to practice	Web development and cyber security	For practice, no. of programmes will be added. Mini skill project associated with practical subjects enhance think & design capability.	(10) Is any new course required to meet current needs? (1) (i) Honours:/ (2) (ii) Minor specialization:/ (3) (III) Departmental electives:
MT_Distributedcomputing_620112	Cloud Computing	Operating Systems	Cloud Computing is the part of curriculum, run through Swayam/ NPTEL.	(10) Is any new course required to meet current needs? (2) (ii) Minor specialization:
MT_Mobile computing and ecommerce_620114	Wireless communication		It is expected from the PG students to have basic knowledge. Also the introduction is given before starting any advance subject.	(2) (ii) Minor specialization:
Link:	https://drive.google.com/drive/folders/141VO5x4C_C-5Q_sRunA02trwTsvz50Au?usp=sharing			
Action/ Taken (threshold value 3.5)	Along with technical subjects, a student must aware of the environment & society so EEES is the part of curriculum.			
	ICP is very important subject, It is the fundamental of programming.			
	Mobile Computing & M- Commerce and Database Systems are the important subjects as the fundamental subjects have already covered in B. Tech. In present scenario, knowledge of database is required in every sector. What's need to be updated, will discuss with the students.			

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Parameter (Avg. Grading) Subjects	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
100015(IoT) Energy, environment, Ecology and Society (06)	4.00	4.00	5.00	4.00	4.00	4.00	4.00
100015(IT) Energy, environment, Ecology and Society (04)	4.25	4.00	4.00	3.75	3.50	3.75	4.00
100015(AIR) Energy, environment, Ecology and Society (15)	3.53	3.33	3.40	3.60	3.47	3.47	3.40
230101(IoT) Introduction to Internet of Things (07)	3.40	3.50	3.90	3.40	3.60	3.50	3.40
230102(IoT) Introduction to Computer programming (38)	3.59	3.49	3.27	3.16	3.51	3.57	3.59
230102(AIR) Introduction to Computer programming (61)	3.92	3.83	3.60	3.63	3.85	3.87	3.98
620111 Database Systems (03)	3.67	3.67	3.33	3.67	3.67	3.00	3.00
620112 Distributed Computing (04)	3.75	4.00	4.25	4.50	4.25	4.25	4.25
620113 High Speed Networks (03)	4.25	3.67	3.67	3.67	3.67	3.67	3.67
620114 Mobile Computing & M- Commerce (02)	3.00	3.00	2.50	2.50	3.00	3.00	2.00
620120 Machine Learning Using Python (02)	4.00	3.50	3.50	3.00	4.50	4.50	4.00
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)							

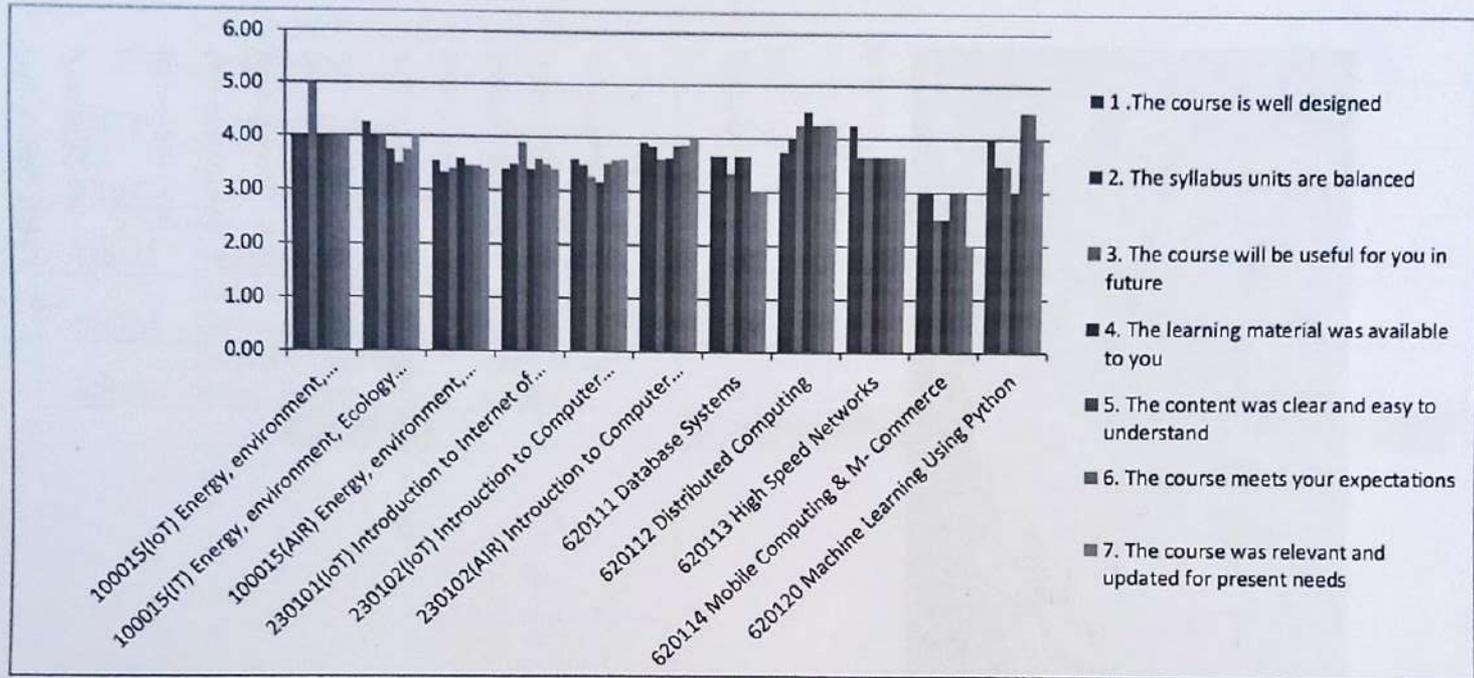
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Subject Code	Subject Name	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
100015(IoT)	Energy, environment, Ecology and Society	Prof. Shweta Patel	14.28	45.23	28.57	11.9	0
100015(IT)	Energy, environment, Ecology and Society	Prof. Shweta Patel	7.14	75	17.85	0	0
100015(AIR)	Energy, environment, Ecology and Society	Prof. Shweta Patel	20.9	31.42	26.66	20.28	0
230101(IoT)	Introduction to Internet of Things	Prof. Vikas Sejwar	14.14	75	10.85	0	0
230102(IoT)	Introduction to Computer programming	Dr. Sanjiv Sharma	19.69	27.79	32.81	17.76	1.93

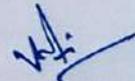
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230102(AIR)	Introuction to Computer programming	Prof. Punit Johari	27.38	33.8	31.9	6.42	0.4
620111	Database Systems	Prof. Vishwas Shrivastava	23.8	9.52	52.38	14.28	0
620112	Distributed Computing	Prof. Rajeev K. Singh	42.85	32.14	25	0	0
620113	High Speed Networks	Prof. Namrata Agrawal	33.33	66.66	0	0	0
620114	Mobile Computing & M- Commerce	Prof. Santosh Sahu	0	0	71.42	28.57	0
620120	Machine Learning Using Python	Prof. Dheeraj Gurjar	35.71	28.57	21.42	14.28	0
on average %			21.74727273	38.64818182	28.98727273	10.31727273	0.21181818



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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)	New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.
	ICP is the fundamental subject, basic and core subjects are covered here. Gradually the level and new concepts of programming has incorporated in higher semesters.

	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
100015(IT)/100015(IoT)/100015(AIR) Energy, Environment, Ecology and Society	3	4	4	4	4
230102(IT) Introduction to Computer programming	4	4	5	5	5
230101(AIR) Introduction to Artificial Intelligence	5	5	5	4	5
230102(AIR) Introduction to Computer programming	5	5	5	5	5
230101(IoT) Introduction to Internet of Things	5	5	4	5	4
230102(IoT) Introduction to Computer programming	3	3	4	3	4
620111 Database Systems	5	5	5	5	5
620112 Distributed Computing	3	4	4	4	4
620113 High-Speed Networks	3	4	4	4	4
620114 Mobile Computing & M-Commerce	5	4	5	4	4
620120 Machine Learning Using Python	4	4	4	4	3

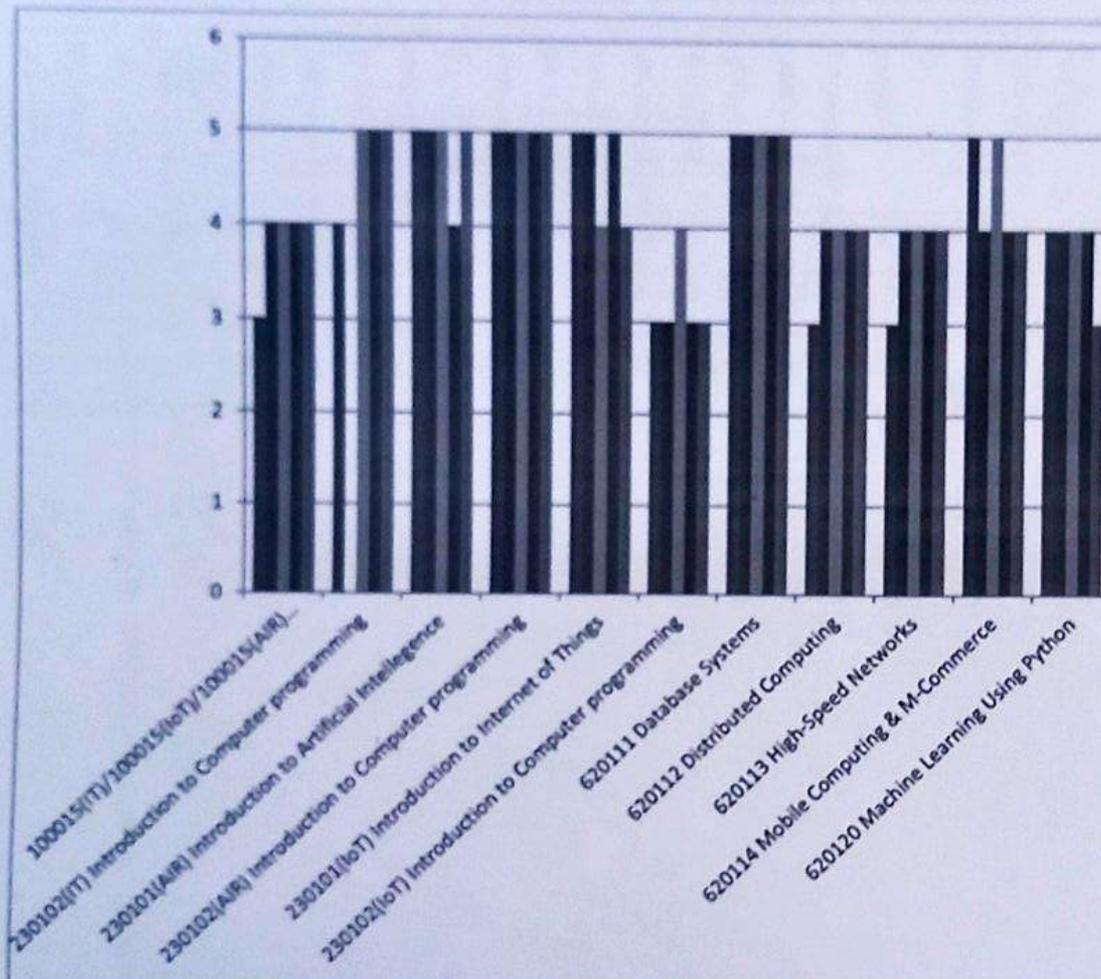
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)

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- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- 4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [if you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]
- 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

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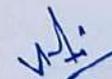
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Q. No.	Curriculum Evaluation Point	Response in %				
		Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
1	The availability of books & E-learning material in the institute is good	45.45	28.18	27.27	0	0
2	The Courses and content are up to date.	45.45	45.45	9.09	0	0
3	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	45.45	54.54	0	0	0
4	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	36.36	54.54	9.09	0	0
5	The curriculum is capable of inculcating life-long learning abilities in students.	36.36	45.45	18.18	0	0
Average		41.814	45.632	12.726	0	0



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Session wise analysis and impact report: January to June 2021

Based on the feedback data received from total 177 students and 12 faculty members (Fourth Semester & Sixth Semester- IT & Second Semester M. Tech) for the academic session January 2021 to June 2021, following points have been analysed:

- It has been observed that, students of Fourth Semester & Sixth Semester- B. Tech IT and Second Semester M. Tech are 27.38% strongly agreed, 29.63% are agreed, 32.04% are neutral, 9.94% are disagreed and only 0.926% are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add Introduction to mongodb and other technologies relate to database that helps in project development. Points are noted.
- Some students has suggested to add Cloud computing, AI & ML and Cyber security as a part of their curriculum. (These subject are already added as a part of their higher semesters).
- It has been observed that, in above mentioned semester 53.328% of faculty members are strongly agreed, 43.328% of faculty members are agreed, and 3.332% of faculty members are neutral with the syllabus/ content that they have taught in the first semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 18 (Avg.)

January-June 2021	Student Feedback (Comments)	Response to student comments / Analysis	Remarks
160402 Database Management System	Introduction to mongo db and other technologies	Students are free to use any technology (backend/front end/database) while designing projects. Faculty members as mentors help them to learn.	Is any new course required to meet current needs?
900116 (OC-1) Data Mining & Warehousing	Cloud computing	This subject is already a part of curriculum.	(i) Honours:
	AI & ML	The subject is already a part of curriculum and offered in higher semesters.	(ii) Minor specialization:
	Cyber security	This subject is already a part of curriculum.	(iv) Open electives

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Link:	https://drive.google.com/drive/folders/1Q8Z-CYbxEEP4SgbKJo1w56glwL63es31?usp=sharing	
Action/ Taken (threshold value 3.5)	Database Management System: Units are well designed. More technologies may be added as a part of introduction	6. The course meets your expectations
160611 (DE-1) Network and web security		7. The course was relevant and updated for present needs

Subjects	Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
160401 Design & Analysis of Algorithm (14)	3.85	3.92	4.07	3.92	3.92	4	4	
160402 Database Management System (18)	3.44	3.44	3.5	3.5	3.61	3.44	3.44	
160403 Operating System (18)	3.5	3.66	3.61	3.44	3.38	3.77	3.61	
160404 Computer System Organization (09)	3.44	3.66	3.77	3.88	3.44	3.77	3.77	
100004 Cyber Security (22)	3.68	3.59	3.59	3.72	3.81	3.59	3.81	
160611 (DE-1) Network and web security (02)	3.5	3.5	3.5	3.5	3.5	3	2.5	
160614 (DE-1) Cloud Computing (06)	4.5	4.33	3.5	3.8	4.16	4.33	4.1	

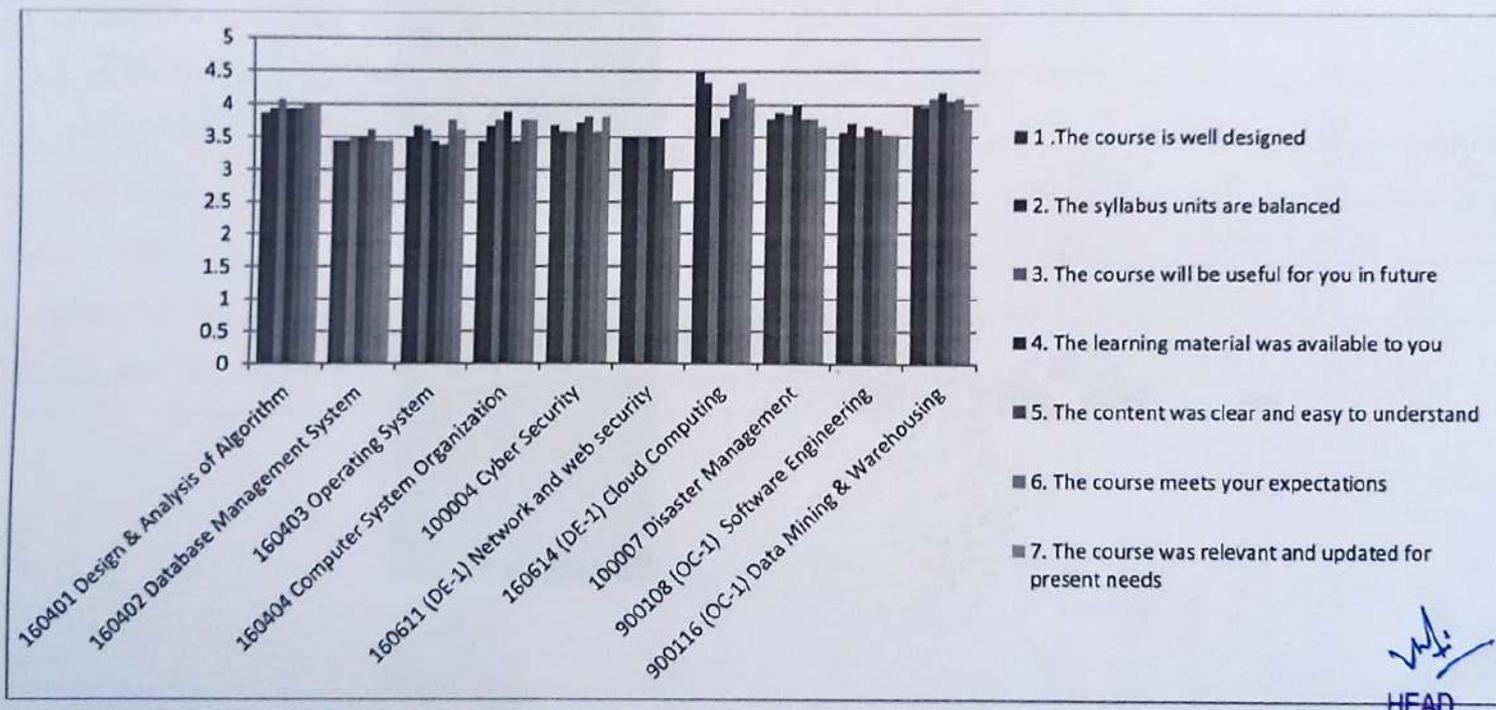
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100007 Disaster Management (33)	3.78	3.87	3.84	4	3.78	3.78	3.66
900108 (OC-1) Software Engineering (24)	3.58	3.70	3.5	3.66	3.62	3.54	3.54
900116 (OC-1) Data Mining & Warehousing (31)	4	3.96	4.09	4.19	4.06	4.09	3.93
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)							



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Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160401	Design & Analysis of Algorithm	4	Prof Abhishek Dixit	27.55	41.83	29.59	1.02	0
160402	Database Management System	4	Prof. Dheeraj Gurjar	11.11	36.5	43.65	7.14	1.13
160403	Operating System	4	Prof. Vishwas Shrivastava	23.05	34.12	26.19	10.3	6.34
160404	Computer System Organization	4	Prof. Punit Johari	22.22	25.39	50.79	1.58	0
100004	Cyber Security	4	Prof. Shweta Patel	18.18	35.71	42.85	3.24	0
160611 (DE-1)	Network and web security	6	Prof. Santosh Sahu	35.71	7.14	7.14	50	0
160614 (DE-1)	Cloud Computing	6	Prof. Vikas Sejwar	35.55	40.83	22.59	1.02	0
100007	Disaster Management	6	Prof. Namrata Agrawal	37.22	21.64	28.57	11.25	1.29
900108 (OC-1)	Software Engineering	6	Prof. Rajeev K. Singh	20.83	27.38	42.85	8.33	0.5
900116 (OC-1)	Data Mining & Warehousing	6	Dr. Akhilesh Tiwari	42.39	25.8	26.26	5.52	0
				27.381	29.634	32.048	9.94	0.926



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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

	Action / taken (threshold value 3.5)
1	Various workshops and FDPs are conducted to update the knowledge. (The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment))
2	Along with technical subjects, a student must aware of disaster management. Disaster education provides knowledge among individuals and groups to take actions to reduce their vulnerability to disasters

	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
100007 Disaster Management	4	4	4	4	3
160401 Design & Analysis of Algorithm	5	5	5	5	5
160402 Database Management System	4	4	4	4	4
160403 Operating System	5	4	5	5	5
160404 Computer System Organization	5	5	5	5	5
100004 Cyber Security	5	4	4	5	4
160601 Compiler Design	5	4	5	5	4
160602 Computer Networks	4	4	5	5	5


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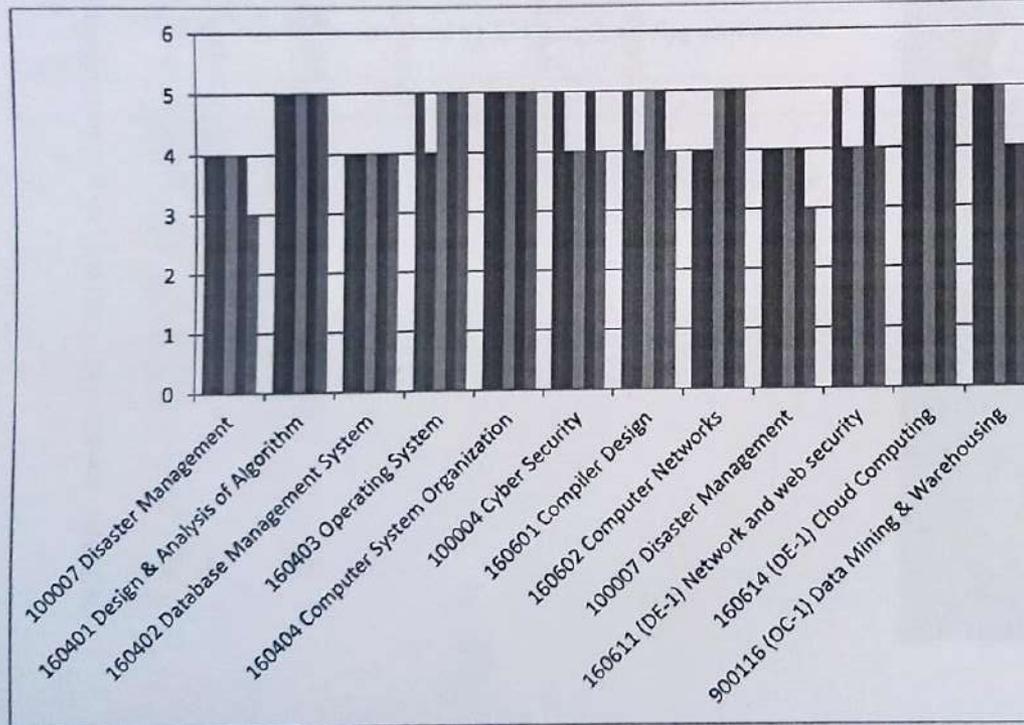
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100007 Disaster Management	4	4	4	4	3
160611 (DE-1) Network and web security	5	4	4	5	4
160614 (DE-1) Cloud Computing	5	5	5	5	5
900116 (OC-1) Data Mining & Warehousing	5	5	5	4	4

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- 4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]
- 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

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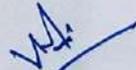
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curriculum Evaluation Point	Response in %				
	Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
The availability of books & E-learning material in the institute is good	66.66	33.33	0	0	0
The Courses and content are up to date.	33.33	66.66	0	0	0
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	58.33	41.66	0	0	0
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	66.66	33.33	0	0	0
The curriculum is capable of inculcating life-long learning abilities in students.	41.66	41.66	16.66	0	0
	53.328	43.328	3.332	0	0


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Session wise analysis and impact report: April 2021 to July 2021

Based on the feedback data received from total 186 students and 13 faculty members (Second Semester – IT, IT(AIR) & IT(IoT)) for the academic session April 2021 to July 2021, following points have been analysed:

- It has been observed that, in Second semester 22.59% of students are strongly agreed, 38.74% of students are agreed, 30.09% of students are neutral, 8.35% of students are disagreed and only 0.87% of students are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add some real world problems in the program based subjects like Data Structures. It has been conveyed to the students that mini skill based projects has already added in their curriculum to fulfil this need.
- It has been observed that, in Second semester 52.224% of faculty members are strongly agreed, 27.7% of faculty members are agreed, and 4.62% of faculty members are neutral, 7.7% of faculty members are disagreed and 7.7 of faculty members are strongly disagreed with the syllabus/ content that they have taught in this semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 21 (Avg.)

April-July 2021	Student Feedback (Comments)	Response to student comments / Analysis	Remarks
160211 Data Structure	Should replace c with cpp	We can take both the languages for practice but beginning with 'C' is important as it is the fundamental language	(8) Mention the course / contents which in your opinion is outdated & needs to be removed.
230202 Data Structure	Some Real world Problem solving question/session	This though offered through 'soft skill based project' component, the problems and projects can be refined to meet the outcomes of the course.	(10) Is any new course required to meet current needs?
	Artificial Intelligence	The subject is already a part of curriculum and offered in higher semesters.	(10) Is any new course required to meet current needs?
	Practical part / practical labs needs to be updated	The statement seems to be vague. Though lab's experiment and skill based projects are updated on regular basis to meet the practical scenario.	(9) Name course / contents which needs to be updated.
230203 OOPM	Concept of template class vector	Already included in practical, needs	(10) Is any new course required to

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	should also be taught. Number of sessions for topic file handling using c++ should be enhanced and should be covered in depth	to be covered	meet current needs?
	Arduino, raspberry pie , python etc for ITIoT	Already running in higher semester as departmental lab	(10) Is any new course required to meet current needs?
Link	https://drive.google.com/drive/folders/1fA2TCd7-sU1a8GhVQ7l-C1knqJ8lsj9V?usp=sharing		
Action/ Taken (threshold value 3.5)	<ol style="list-style-type: none"> 1. Digital Electronics is the fundamental subject. Many applications of higher learning require this subject as prerequisite. 2. Digital Logic Design is the fundamental subject. Moreover, this subject is also part of syllabus for higher level competitive exams like GATE. 3. The OOP technology promises greater programmer productivity, better quality of software and lesser maintenance cost. All of the popular programming languages and real life applications are object oriented. 		

Parameter (Average Grading) Subjects	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
160211 Data Structures (15)	3.86	3.80	3.86	3.66	3.66	3.73	3.80
160212 Object Oriented Programming and Methodology (12)	4.25	4.20	3.90	3.80	3.80	3.90	3.90
160213 Digital Electronics (11)	3.81	3.60	3.00	3.36	3.63	3.45	3.63
230201 Digital Logic Design (11)	3.81	3.63	3.00	3.36	3.63	3.45	3.63
230202 Data Structures (24)	4.00	3.91	4.16	4.04	4.00	3.83	3.96

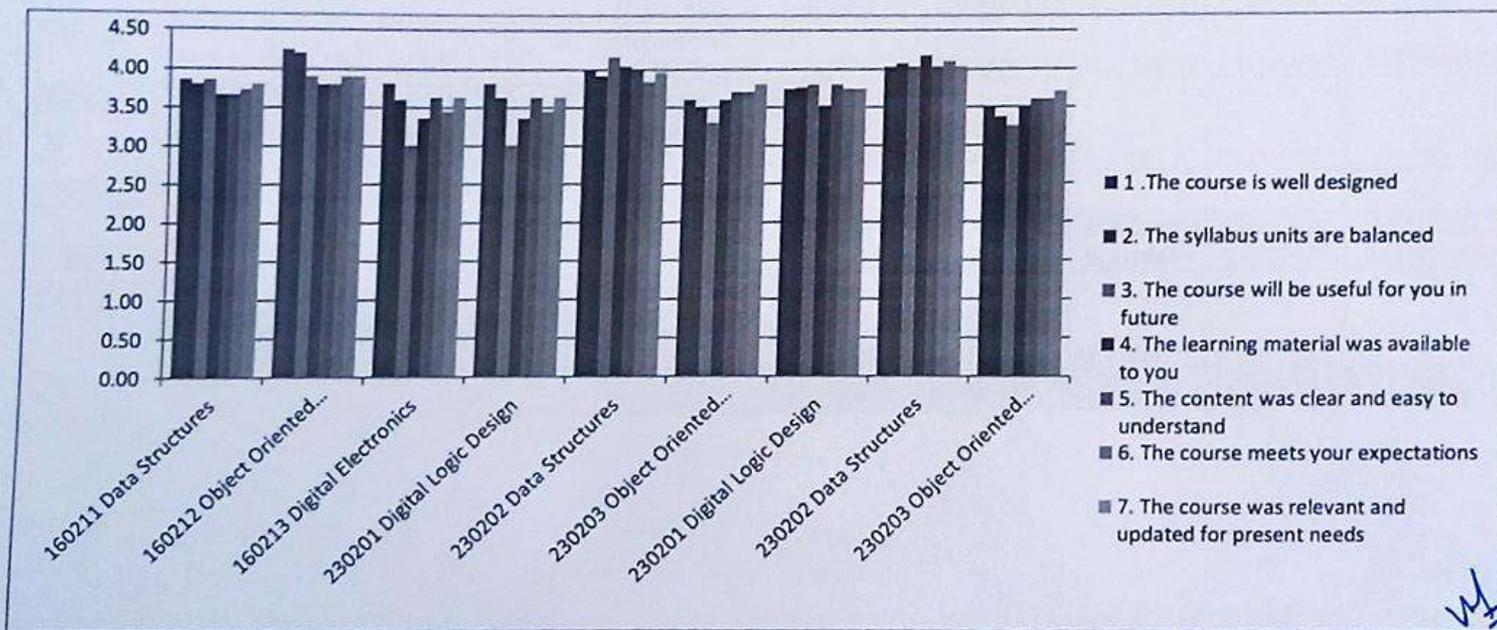
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230203 Object Oriented Programming and Methodology (10)	3.60	3.50	3.30	3.60	3.70	3.70	3.80
230201 Digital Logic Design (54)	3.74	3.76	3.80	3.52	3.80	3.74	3.74
230202 Data Structures (41)	4.02	4.07	4.02	4.17	4.02	4.10	4.02
230203 Object Oriented Programming and Methodology (08)	3.50	3.37	3.25	3.50	3.60	3.60	3.70
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)							



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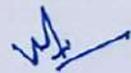
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Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160211	Data Structures	2	Dheeraj Gurjar	21.9047619	43.80952381	23.80952381	10.47619048	0
160212	Object Oriented Programming and Methodology	2	Namrata Agrawal	42.85714286	20.23809524	28.57142857	7.142857143	1.19047619
160213	Digital Electronics	2	Abhilash Sonker	18.18181818	35.06493506	28.57142857	15.58441558	2.597402597
230201	Digital Logic Design	2	Neha Bhardwaj	18.18181818	35.06493506	28.57142857	15.58441558	2.597402597
230202	Data Structures	2	Dr.Saumil Maheshwari	32.73809524	39.28571429	28.57142857	4.761904762	0.5952380952
230203	Object Oriented Programming and Methodology	2	Dheeraj Gurjar	5.714285714	51.42857143	40	2.857142857	0
230201	Digital Logic Design	2	Punit Johari	21.42857143	41.26984127	26.45502646	10.31746032	0.5291005291
230202	Data Structures	2	Shweta Patel	35.19163763	41.46341463	18.1184669	4.87804878	0.3484320557
230203	Object Oriented Programming and Methodology	2	Dheeraj Gurjar	7.142857143	41.07142857	48.21428571	3.571428571	0
			average	22.593	38.744	30.098	8.352	0.87



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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)

New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed.

As per the scenario, people refer online materials. Our Institute has provided e-learning materials.

Syllabus is updated as per the requirement of current scenario.

Parameters	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
230202(IoT) Data Structures	5	5	5	5	5
160211(IT) Data Structures	4	5	5	5	5
230202(AIR) Data Structures	4	4	5	4	5
230203(AIR) Object Oriented Programming and Methodology	3	4	4	4	4
160213(IT) Digital Electronics	4	4	4	5	5
160212(IT) Object Oriented Programming and Methodology	5	5	5	5	5
230203(IoT) Object Oriented Programming and Methodology	5	5	5	5	5
630211 (M. Tech) Algorithms Design Techniques and Analysis	4	5	5	4	5

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630212 (M. Tech) Advanced topics in Data Mining & Warehousing	5	4	4	5	5
230201(AIR) Digital Logic Design	5	5	5	5	5
230201(IoT) Digital Logic Design	5	5	5	5	5
630213 (M. Tech) Image Processing and Retrieval Techniques	3	3	3	4	4
800206 (M. Tech) IoT	4	4	4	4	4

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



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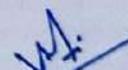
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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	7.7	7.7	7.7	38.5	38.5
The Courses and content are up to date.	7.7	7.7	7.7	30.8	46
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	7.7	7.7	7.7	23	53.8
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	7.7	7.7	0	30.8	53.8
The curriculum is capable of inculcating life-long learning abilities in students.	7.7	7.7	0	15.4	69.02
	7.7	7.7	4.62	27	52.224



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Alumni Feedback

Analysis and Impact report: (Batch 2017-2021)

Based on the feedback data received from total 40 Alumni of above mentioned batch following points have been analysed:

- It has been observed that, in Second semester 22.59% of students are strongly agreed, 38.74% of students are agreed, 30.09% of students are neutral, 8.35% of students are disagreed and only 0.87% of students are strongly disagreed with the syllabus/content that they have studied in the first semester.

S. No.	Analysis	Action Taken
1	Need to more focus on programming using data structure, or split data structure in two parts so it will be beneficial for students to focus more and more.	To inculcate the habit of coding, mini skill project has already incorporated as a part of scheme.
2	also focus on development section, which is very useful for grab a job in service based companies	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.
3	Try to add course regarding remove nervous Ness during interviews	Self-study & seminar gives a platform to the student where he can improve himself wrt communication.
4	Small Projects based on domain should be given in every semester, so that students gain knowledge and develop interest	To inculcate the habit of coding, mini skill project has already incorporated as a part of scheme.
5	Last 3 semester's subjects were totally from non CSE/IT background. Try to teach latest technology instead, so that it will be helpful for placements	According to the recent scenario, and request of so many students to teach at least 2-3 subjects from other discipline so that they can be more versatile.
6	More practical Labs than Theory classes**	Try to add practicals where not included, and add more practicals where already included for practice.
7	Constant updation of curriculum to be industry ready	Suggestions required from industry. Workshops will be conducted with them and will take meetings from alumni.
8	focus more on AI and machine learning	This course has already added in higher semesters.
9	Internship and coding please	As a part of curriculum, department offers internships to lower semester students and allow higher semester students to go for internships rather than project. Department placement cell also suggest them good companys for internships.
10	data science problem solving	This course has already added in higher semesters.
11	Basic Need Of Understanding of Current Technology Management	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.

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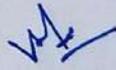
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PARAMETERS	Strongly Agree (5)	Agree (4)	Satisfactory (3)	Disagree (2)	Strongly disagree (1)
Course content is interesting and as per Industry needs	10	22	4	4	0
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems	4	24	9	3	0
Do you feel that you are capable of learning new things in the constantly changing technological world.	5	24	9	2	0
Do you find yourself capable of making a good career	6	24	8	2	0
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	5	26	8	1	0
Link of the Document	https://docs.google.com/spreadsheets/d/178Lg_wG9bXJjWIOF-7dakqlPNUzch-H-/edit?usp=sharing&oid=103555980183400298166&rtpof=true&sd=true				

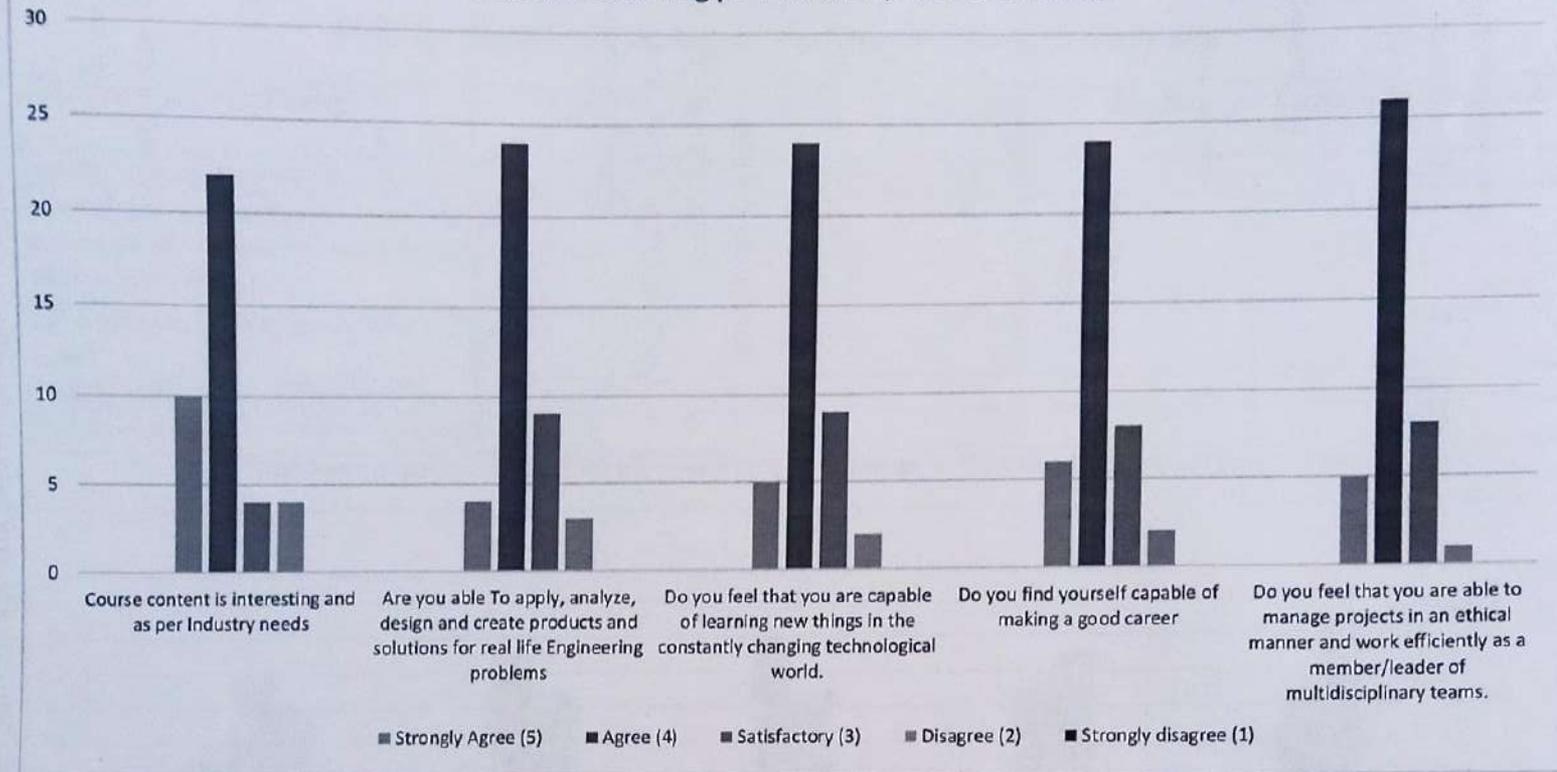

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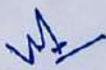
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Various measuring parameters v/s no. of students




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EMPLOYER SATISFACTION SURVEY: (January to June 2019): Sample Size: 29

SUMMARY SHEET (Employer Satisfaction Survey) Sample Size : 29

Parameter (Average Grading)	Poor	Fair	Good	Very Good	Excellent	Employer Satisfaction Index
Level of technical contribution	0	0	7	12	10	4.10
Level of success in learning new areas, engaging in professional development, and adapting to technological change	0	2	3	13	11	4.14
Have they been deserved for elevation to higher level ?	0	1	3	14	11	4.21
Level of ethical and social responsibility	1	0	4	11	13	4.21
Demonstrated ability to work well on a team	1	0	2	11	15	4.34
Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)						




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Report of Analysis of Feedback on Curriculum Collected From Different Stakeholders

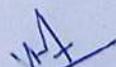
Academic Year: 2020-2021

Session: July – December 2020

Students Feedback:

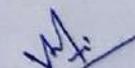
The students are the most important stakeholders of Technical Education systems. The interest and participation of students at all levels in both internal quality assurance and external quality assurance have to play a central role. We have collected online feedback from our under graduate students Third, Fifth and Seventh semester students. A special seven-point scale feedback form on the curriculum is development. We have received total 597 student's online feedback on the syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

SESSION: July-December 2020---COURSE CURRICULUM FEEDBACK (by Students on MOODLE)										
Parameter(Average Grading)				1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
Subject Code	Subject Name	Semester	Faculty Name							
160301	Digital Electronics	3	Dr. R. K. Gupta	3.3125	3.3125	3.4375	3.375	3.375	3.0625	3.125


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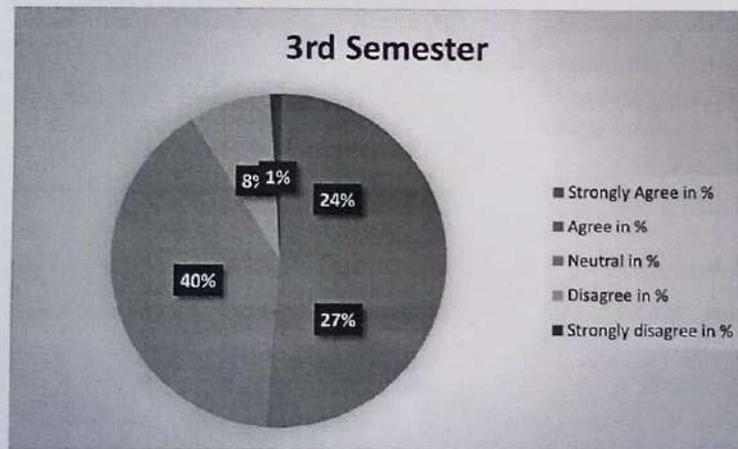
900210	Data Mining & Warehousing	7	Dr. Akhilesh Tiwari	4.026316	3.842105	4.026316	4.026316	3.868421	3.868421	3.789474
160303	Computer Graphics	3	Dr. Manish Dixit	3.4	3.64	3.4	3.52	3.44	3.32	3.2
160711	Networking with TCP/IP	7	Prof. Khushboo Agarwal	4	3.5	4.25	4	3.75	3.5	3.75
160712	Data Mining & Warehousing	7	Dr. Sanjiv Sharma	3.2857143	3.1428571	3.7142857	3.8571429	3.1428571	3.4285714	3.7142857
160504	Microprocessor	5	Prof. Punit K. Johari	3.8181818	3.7272727	4	3.7272727	3.6363636	3.6363636	3.6363636
160302	Data Structures	3	Prof. Rajni Ranjan	3.875	3.875	3.75	4	4	3.625	3.875
160713	Software Testing	7	Prof. Rajeev K. Singh	3.25	3	3.75	3.5	3.25	3.25	3.75
900209	Network Security	7	Prof. Amit K. Majhwar	3.675	3.675	3.7	3.775	3.7	3.65	3.625
160304	Object Oriented Programming and Methodology	3	Prof. Mir Shahnawaz Ahmad	4	4.133333	4.066667	4	4.2	4.333333	4.333333
900208	Soft Computing	7	Prof. Santosh Sahu	3.666667	3.5	3.666667	3.666667	3.333333	3.5	3.666667
620301	Image Processing and Retrieval Techniques	3	Prof. Santosh Sahu	4.181818	3.818182	4.090909	3.636364	3.818182	4.181818	4.363636
900220	R Programming	7	Prof. Arun Kumar	3.8	3.866667	3.6	3.8	3.533333	3.533333	3.6
900222	Computer Networks	7	Prof. Pooja Agrawal	3.888889	4.037037	4.037037	4.074074	4.111111	4.074074	4.037037
160501	Discrete Structures	5	Prof. Aishwarya	4.2	3.8	4	3.8	3.8	4	4.2
620302	Network Security	3	Prof. Shweta Patel	3.5	3.5	3	3.5	3	3.5	3


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Semester wise Analysis:

Semester 3rd

Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160301	Digital Electronics	3	Dr. R. K. Gupta	3.56	32.14	53.5	10.7	0
160302	Data Structures	3	Prof. Rajni Ranjan Singh Makwana	41.07	21.47	28.57	8.92	0
160303	Computer Graphics	3	Dr. Manish Dixit	15.42	36	37.14	11.42	4.57
160304	Object Oriented Programming and Methodology	3	Prof. Mir Shah Nawaz Ahmad	37.11	21.11	43.33	1.11	0



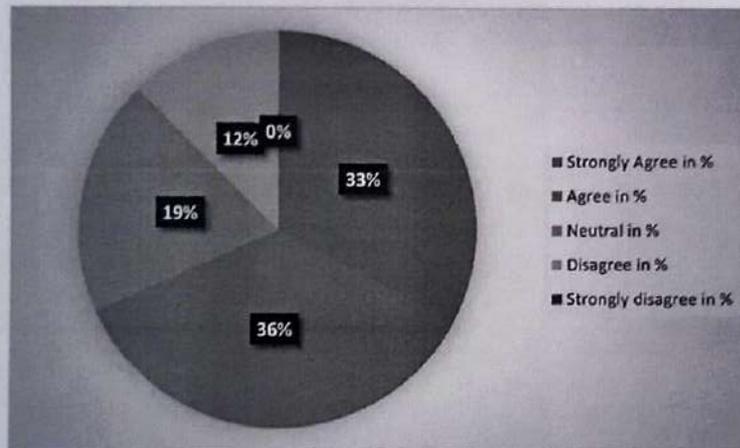
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On an average 24% students are strongly agree, 27% are agree, 40% are neutral, 8% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

Semester 5th

Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160501	Discrete Structures	5	Prof. Aishwarya	30.14	54.28	8.57	9.14	0
160504	Microprocessor	5	Prof. Punit K. Johari	37.66	19.48	31.16	16.88	0

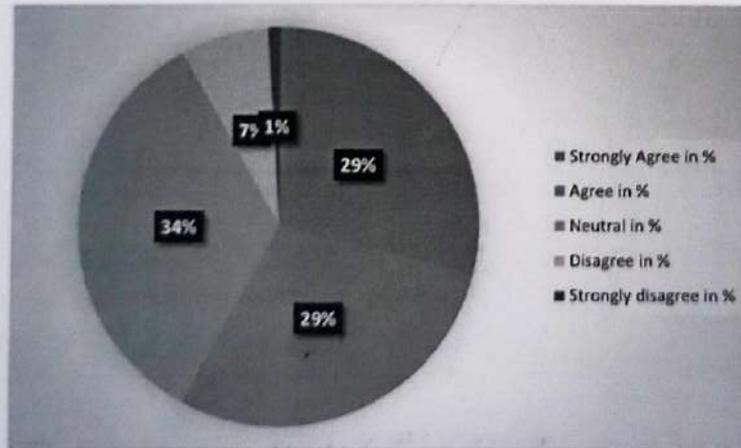


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On an average 33% students are strongly agree, 36% are agree, 19% are neutral, 12% are disagree and 0% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

Semester 7th

160711	Networking with TCP/IP	7	Prof. Khushboo Agarwal	39.07	24.47	26.57	10.92	0
160712	Data Mining & Warehousing	7	Dr. Sanjiv Sharma	37.66	32.46	25.97	1.29	2.59
160713	Software Testing	7	Prof. Rajeev K. Singh	14.28	28.47	39.28	17.85	0
900208	Soft Computing	7	Prof. Santosh Sahu	16.66	23.8	59.52	0	0
900209	Network Security	7	Prof. Amit K. Majhwar	28.21	25	35.71	9.28	1.78
900210	Data Mining & Warehousing	7	Dr. Akhilesh Tiwari	31.57	33.83	29.69	4.7	0
900220	R Programming	7	Prof. Arun Kumar	26.66	32.38	26.66	10.47	3.8
900222	Computer Networks	7	Prof. Pooja Agrawal	37.03	32.27	28.04	2.64	0

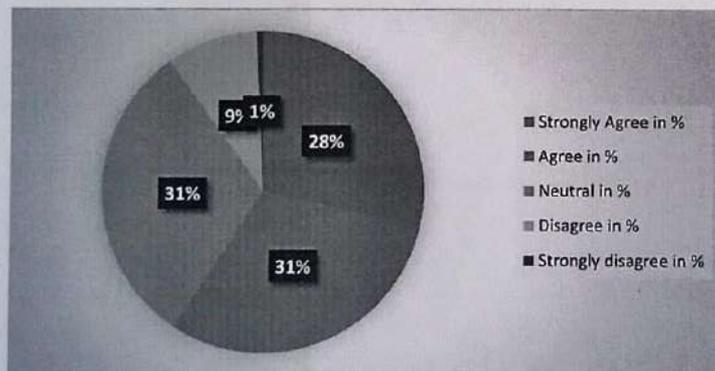



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On an average 29% students are strongly agree, 29% are agree, 34% are neutral, 7% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

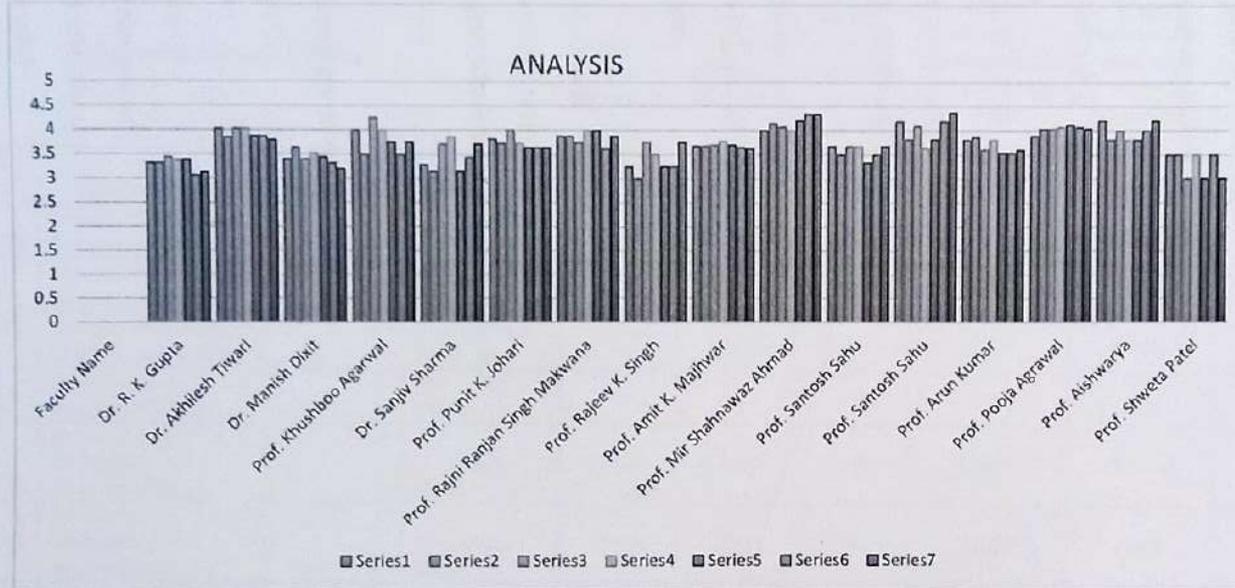
Overall

	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
On average in 3rd Sem	24.29	27.68	40.635	8.0375	1.1425
On average in 5th Sem	33.9	36.88	19.865	13.01	0
On average in 7th Sem	28.8925	29.085	33.93	7.14375	1.02125



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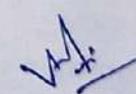
Overall average 28% students are strongly agree, 31% are agree, 31% are neutral, 9% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.




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SESSION: December-March 2021---COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

Parameter(Average Grading)				1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
Subject Code	Subject Name	Semester	Faculty Name							
100015(IoT)	Energy, environment, Ecology and Society	1	Prof. Shweta Patel	4	4	5	4	4	4	4
100015(IT)	Energy, environment, Ecology and Society	1	Prof. Shweta Patel	4.25	4	4	3.75	3.5	3.75	4
100015(AIR)	Energy, environment, Ecology and Society	1	Prof. Shweta Patel	3.5333	3.3333	3.4	3.6	3.4666	3.4666	3.4
230101(IoT)	Introduction to Internet of Things	1	Prof. Vikas Sejwar	3.4	3.5	3.9	3.4	3.6	3.5	3.4
230102(IoT)	Introuction to Computer programming	1	Dr. Sanjiv Sharma	3.5945	3.4864	3.2702	3.1621	3.5134	3.56758	3.594595
230102(AIR)	Introuction to Computer programming	1	Prof. Punit Johari	3.9166	3.8333	3.6	3.6333	3.85	3.8666	3.983333333
620111	Database Systems	1	Prof. Vishwas Shrivastava	3.6666	3.6666	3.3333	3.6666	3.6666	3	3
620112	Distributed Computing	1	Prof. Rajeev K. Singh	3.75	4	4.25	4.5	4.25	4.25	4.25
620113	High Speed Networks	1	Prof. Namrata Agrawal	4.25	3.6666	3.6666	3.6666	3.6666	3.6666	3.666667
620114	Mobile Computing & M- Commerce	1	Prof. Santosh Sahu	3	3	2.5	2.5	3	3	2

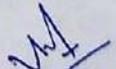

Dr. Akhilesh Tiwari

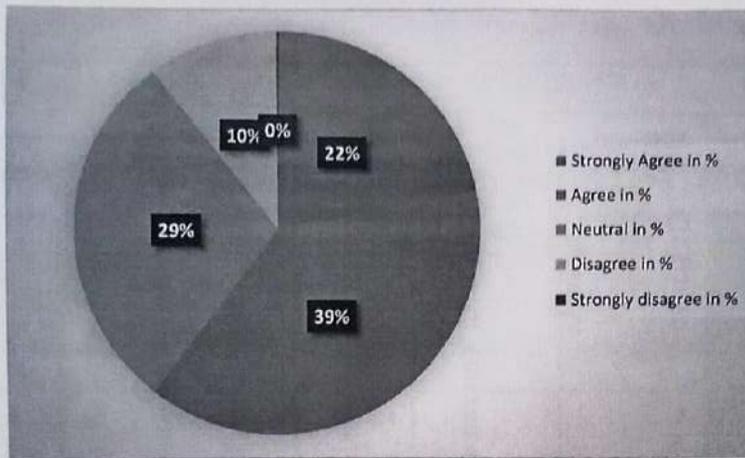
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620120	Machine Learning Using Python	1	Prof. Dheeraj Gurjar	4	3.5	3.5	3	4.5	4.5	4
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Semester 1st

Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
100015(IoT)	Energy, environment, Ecology and Society	1	Prof. Shweta Patel	14.28	45.23	28.57	11.9	0
100015(IT)	Energy, environment, Ecology and Society	1	Prof. Shweta Patel	7.14	75	17.85	0	0
100015(AIR)	Energy, environment, Ecology and Society	1	Prof. Shweta Patel	20.9	31.42	26.66	20.28	0
230101(IoT)	Introduction to Internet of Things	1	Prof. Vikas Sejwar	14.14	75	10.85	0	0
230102(IoT)	Introduction to Computer programming	1	Dr. Sanjiv Sharma	19.69	27.79	32.81	17.76	1.93
230102(AIR)	Introduction to Computer programming	1	Prof. Punit Johari	27.38	33.8	31.9	6.42	0.4
620111	Database Systems	1	Prof. Vishwas Shrivastava	23.8	9.52	52.38	14.28	0
620112	Distributed Computing	1	Prof. Rajeev K. Singh	42.85	32.14	25	0	0
620113	High Speed Networks	1	Prof. Namrata Agrawal	33.33	66.66	0	0	0
620114	Mobile Computing & M-Commerce	1	Prof. Santosh Sahu	0	0	71.42	28.57	0
620120	Machine Learning Using Python	1	Prof. Dheeraj Gurjar	35.71	28.57	21.42	14.28	0


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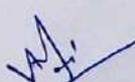


On an average 22% students are strongly agree, 39% are agree, 29% are neutral, 10% are disagree and 0% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.


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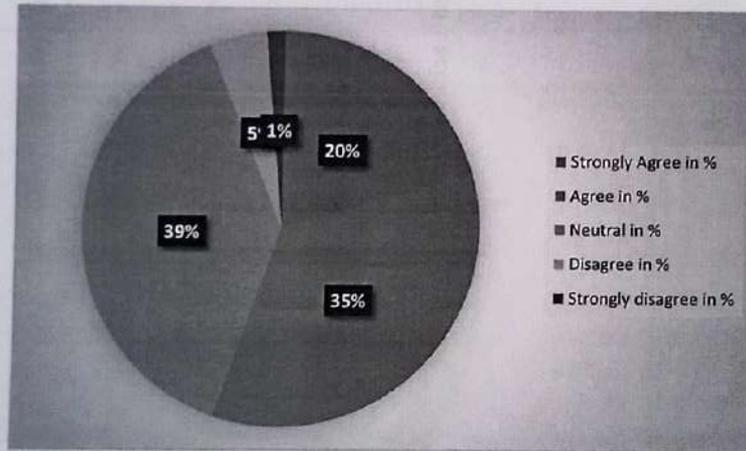
SESSION: January-April 2021---COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

Parameter(Average Grading)				1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
Subject Code	Subject Name	Semester	Faculty Name							
160401	Design & Analysis of Algorithm	4	Prof Abhishek Dixit	3.857142857	3.928571429	4.071428571	3.928571429	3.928571429	4	4
160402	Database Management System	4	Prof. Dheeraj Gurjar	3.444444444	3.444444444	3.5	3.5	3.611111111	3.444444444	3.444444444
160403	Operating System	4	Prof. Vishwas Shrivastava	3.5	3.666666667	3.611111111	3.444444444	3.388888889	3.777777778	3.611111111
160404	Computer System Organization	4	Prof. Punit Johari	3.444444444	3.666666667	3.777777778	3.888888889	3.444444444	3.777777778	3.777777778
100004	Cyber Security	4	Prof. Shweta Patel	3.681818182	3.590909091	3.590909091	3.727272727	3.818181818	3.590909091	3.818181818
160611 (DE-1)	Network and web security	6	Prof. Santosh Sahu	3.5	3.5	3.5	3.5	3.5	3	2.5
160614 (DE-1)	Cloud Computing	6	Prof. Vikas Sejwar	4.5	4.33	3.5	3.8	4.16	4.33	4.1
100007	Disaster Management	6	Prof. Namrata Agrawal	3.787878788	3.878787879	3.848484848	4	3.787878788	3.787878788	3.666666667
900108 (OC-1)	Software Engineering	6	Prof. Rajeev K. Singh	3.583333333	3.708333333	3.5	3.666666667	3.625	3.541666667	3.541666667
900116 (OC-1)	Data Mining & Warehousing	6	Dr. Akhilesh Tiwari	4	3.967741935	4.096774194	4.193548387	4.064516129	4.096774194	3.935483871


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Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160401	Design & Analysis of Algorithm	4	Prof Abhishek Dixit	27.55	41.83	29.59	1.02	0
160402	Database Management System	4	Prof. Dheeraj Gurjar	11.11	36.5	43.65	7.14	1.13
160403	Operating System	4	Prof. Vishwas Shrivastava	23.05	34.12	26.19	10.3	6.34
160404	Computer System Organization	4	Prof. Punit Johari	22.22	25.39	50.79	1.58	0
100004	Cyber Security	4	Prof. Shweta Patel	18.18	35.71	42.85	3.24	0



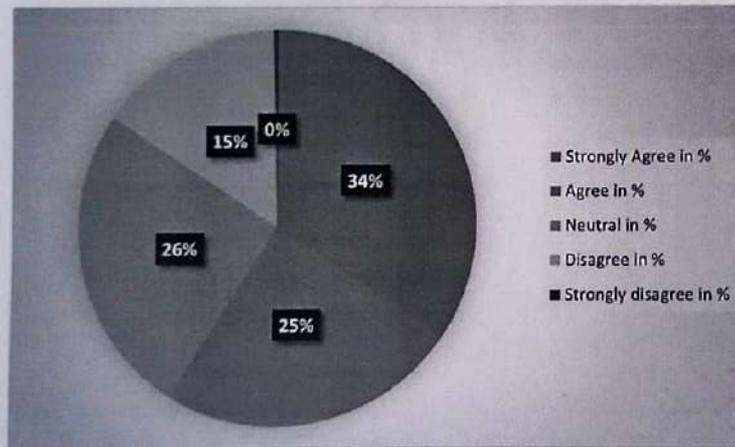
AT
Dr. Akhilesh Tiwari

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On an average 20% students are strongly agree, 35% are agree, 39% are neutral, 5% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

Semester 6th

Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160611 (DE-1)	Network and web security	6	Prof. Santosh Sahu	35.71	7.14	7.14	50	0
160614 (DE-1)	Cloud Computing	6	Prof. Vikas Sejwar	35.55	40.83	22.59	1.02	0
100007	Disaster Management	6	Prof. Namrata Agrawal	37.22	21.64	28.57	11.25	1.29
900108 (OC-1)	Software Engineering	6	Prof. Rajeev K. Singh	20.83	27.38	42.85	8.33	0.5
900116 (OC-1)	Data Mining & Warehousing	6	Dr. Akhilesh Tiwari	42.39	25.8	26.26	5.52	0

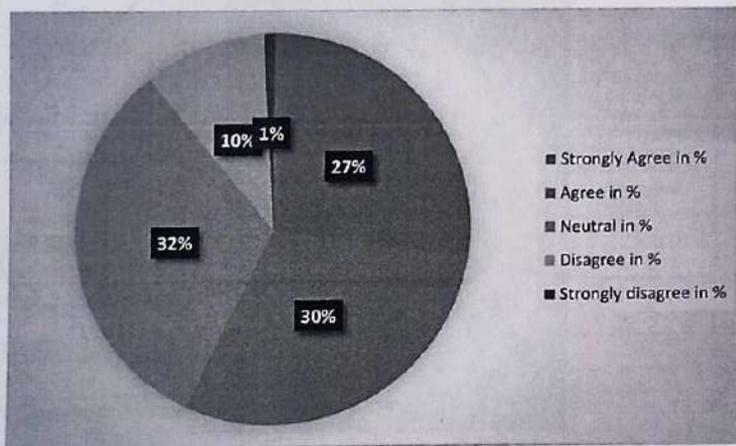



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On an average 34% students are strongly agree, 25% are agree, 26% are neutral, 15% are disagree and 0% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

Overall

	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
On average in 4th Sem	20.422	34.71	38.614	4.656	1.494
On average in 6th Sem	34.34	24.558	25.482	15.224	0.358



(Signature)
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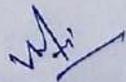
On an average 27% students are strongly agree, 30% are agree, 32% are neutral, 10% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

Teachers Feedback:

The institute is autonomous and follows the prescribed curriculum. Still, the respective subject teachers regarding suggestions on improvement of the syllabus take feedback on curriculum. We have received total 22 faculty feedback on the curriculum and analyzed as follows:

COURSE CURRICULUM FEEDBACK

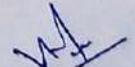
Sr. No.	Select your course	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/ syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. (If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest)	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
1	Prof. R. R. Singh Makwana Operating System 150403	5	5	4	5	5
2	Prof. Pooja Agarwal Computer Networks 150602	5	4	5	5	5
3	Prof. Amit K. Manjhar Adhoc & Sensor Based Network 620205	5	5	5	5	5
4	Prof. Punit K. Johari Advance Database Management 620201	5	5	5	5	5
5	Prof. Neha Bhardwaj Computer System Organization 150404	4	4	4	4	5
6	Prof. Abhilash Sonker Network & Web Security 160603(a)	4	4	5	5	5
7	Prof. Lav Upadhyay Software Engineering 150605©	5	5	4	4	4

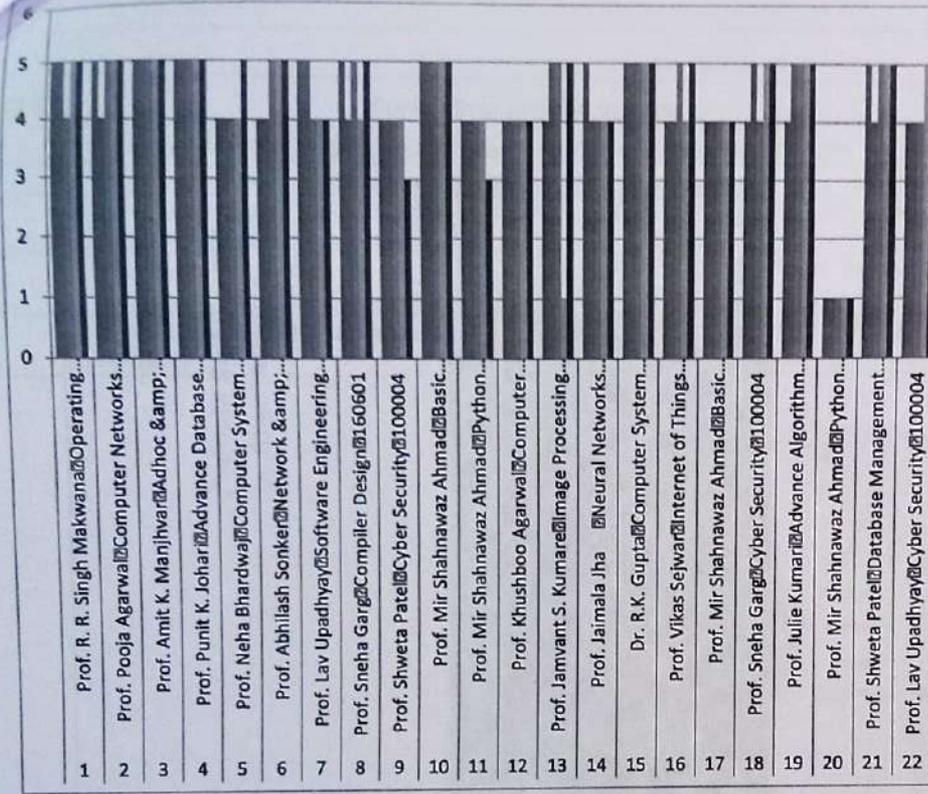

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8	Prof. Sneha Garg Compiler Design 160601	5	4	5	4	5
9	Prof. Shweta Patel Cyber Security 100004	4	4	4	4	3
10	Prof. Mir Shahnawaz Ahmad Basic Computer Engineering 100203	5	5	5	5	5
11	Prof. Mir Shahnawaz Ahmad Python Programming 150605(b)	4	4	4	4	3
12	Prof. Khushboo Agarwal Computer Networks 150602	4	4	4	4	4
13	Prof. Jamvant S. Kumare Image Processing BCSL801	4	5	5	1	5
14	Prof. Jaimala Jha Neural Networks & Fuzzy Systems BITL803	5	4	4	4	4
15	Dr. R.K. Gupta Computer System Organization 160404	5	5	5	5	5
16	Prof. Vikas Sejwar Internet of Things & Applications BITL804	4	4	5	4	5
17	Prof. Mir Shahnawaz Ahmad Basic Computer Engineering 100203	4	4	4	4	4
18	Prof. Sneha Garg Cyber Security 100004	4	5	4	5	5
19	Prof. Julie Kumari Advance Algorithm Design 620203	4	5	5	5	5
20	Prof. Mir Shahnawaz Ahmad Python Programming 150605(b)	5	5	5	5	5
21	Prof. Shweta Patel Database Management System 150402	5	4	5	5	5
22	Prof. Lav Upadhyay Cyber Security 100004	4	4	4	5	5

From the above analysis, it is observed that the 94% teachers rated the syllabus reflects current contents. 95% teachers say that the current syllabus is need based and the programmes outcomes, programmes specific outcomes and course outcomes of the syllabi is well defined. On an average 94% teachers are satisfied with the current syllabus designed by the Department of Information Technology, MITS Gwalior.


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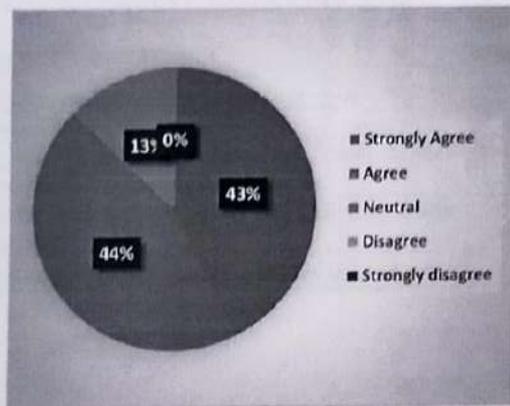


- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- 4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]
- 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

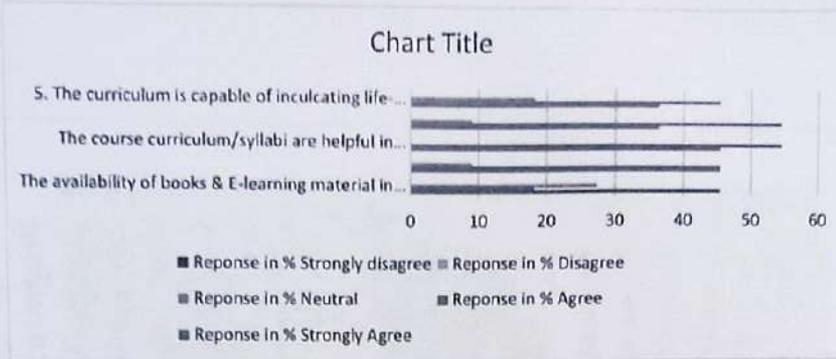
Dr. Akhilesh Tiwari

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Department of CSE & IT
Madhav Institute of Technology & Science
Gwalior-474005 (M.P.)

Q.No.	Curriculum Evaluation Point	Reponse in %				
		Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
1	The availability of books & E-learning material in the institute is good	45.45	18.18	27.27	0	0
2	The Courses and content are up to date.	45.45	45.45	9.09	0	0
3	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	45.45	54.54	0	0	0
4	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	36.36	54.54	9.09	0	0
5	5. The curriculum is capable of inculcating life-long learning abilities in students.	36.36	45.45	18.18	0	0

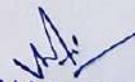


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July – December 2020

Q.No.	curriculum Evaluation Point	Reponse in %				
		Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
1	The availability of books & E-learning material in the institute is good	63.15	26.31	5.26	5.26	0
2	The Courses and content are up to date.	42.1	47.36	5.26	5.26	0
3	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	63.15	21.05	10.5	5.26	0
4	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	36.84	52.63	5.26	5.26	0
5	The curriculum is capable of inculcating life-long learning abilities in students.	47.36	36.84	10.5	5.26	0


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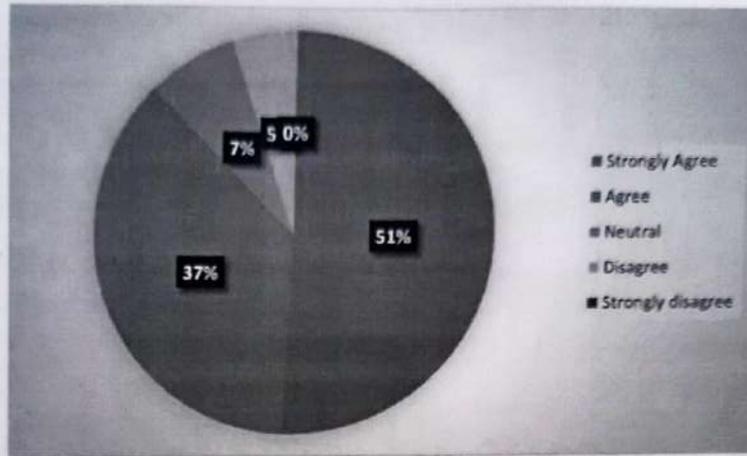
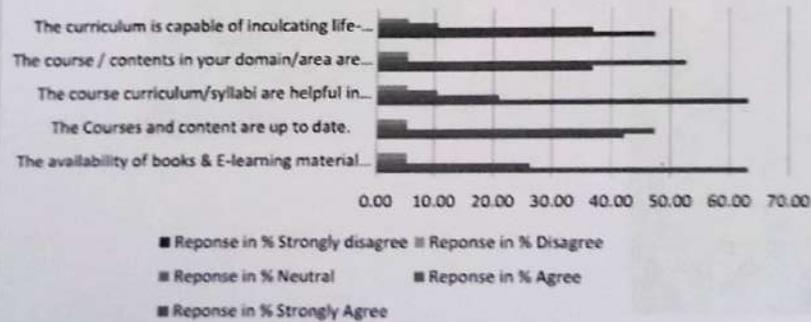
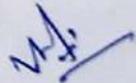
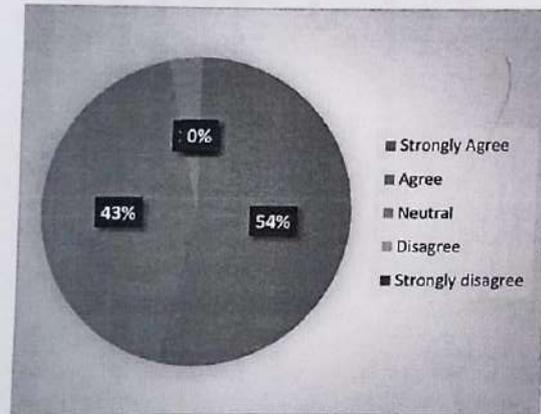


Chart Title



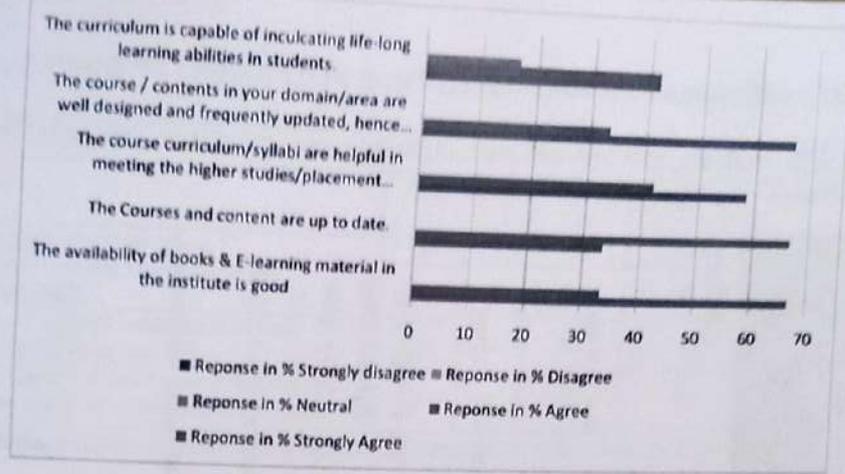

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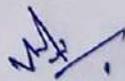
Q.No.	curriculum Evaluation Point	Reponse in %				
		Strongly Agree	Agree	Neutra	Disagree	Strongly disagree
1	The availability of books & E-learning material in the institute is good	66.66	33.33	0	0	0
2	The Courses and content are up to date.	33.33	66.66	0	0	0
3	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	58.33	41.66	0	0	0
4	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	66.66	33.33	0	0	0
5	The curriculum is capable of inculcating life-long learning abilities in students.	41.66	41.66	16.66	0	0



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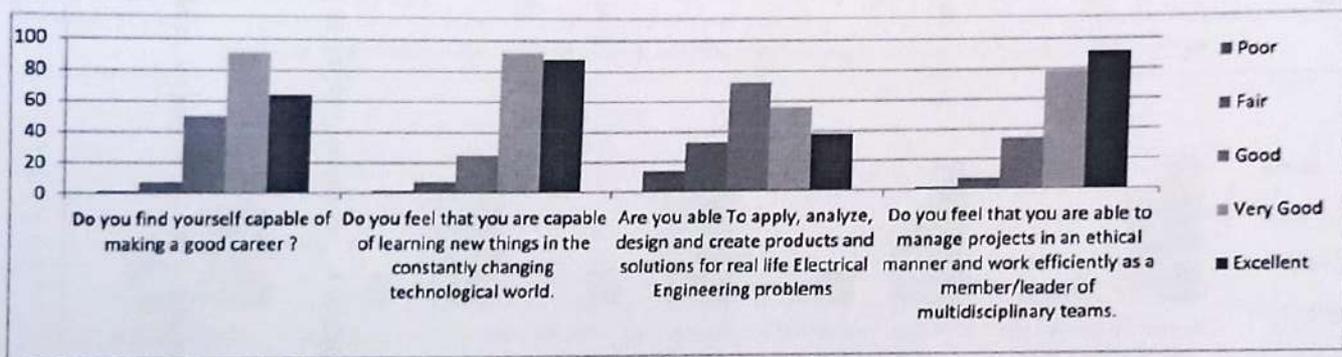

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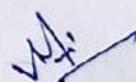
ALUMNI SATISFACTION SURVEY: (2019-2020): Sample Size : 213

SUMMARY SHEET (Alumni Satisfaction Survey) Sample Size : 213

Parameter (Average Grading)	Poor	Fair	Good	Very Good	Excellent	Alumni Satisfaction Index
Do you find yourself capable of making a good career ?	1	7	50	91	64	3.99
Do you feel that you are capable of learning new things in the constantly changing technological world.	1	7	25	92	88	4.22
Are you able To apply, analyze, design and create products and solutions for real life Electrical Engineering problems	14	33	72	56	38	3.33
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	2	7	34	79	91	4.17

Alumni Satisfaction Index (ASI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)



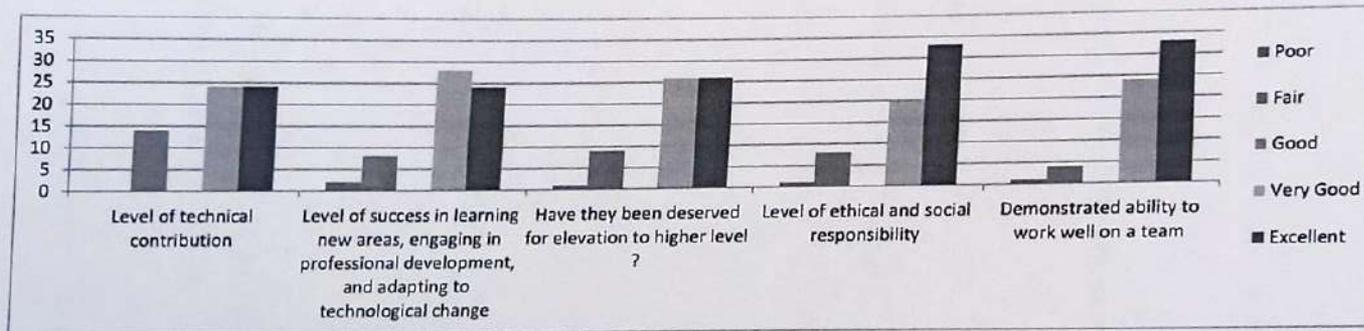

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EMPLOYER SATISFACTION SURVEY : (2019-2020) : Sample Size : 62

SUMMARY SHEET (Employer Satisfaction Survey) Sample Size : 62

Parameter (Average Grading)	Poor	Fair	Good	Very Good	Excellent	Employer Satisfaction Index
Level of technical contribution	0	14	0	24	24	3.94
Level of success in learning new areas, engaging in professional development, and adapting to technological change	2	8	0	28	24	4.03
Have they been deserved for elevation to higher level ?	1	9	0	26	26	4.08
Level of ethical and social responsibility	1	8	0	20	33	4.23
Demonstrated ability to work well on a team	1	4	0	24	33	4.35

Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)



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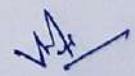


Department of CSE & IT

Course Curriculum Feedback (By Faculty Members)

Jan. - June 2019 Semester

Response number	Select your course	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
1	620201 Advance Database Management (MTech)	5	5	5	5	5
2	100004 Cyber Security	2	3	4	3	2
3	BCSL603 Software Project Management	3	3	5	3	5
4	150401 Design & Analysis of Algorithms	3	5	4	5	5
5	BITL604 Network & Web Security	5	5	5	4	5
6	160401 Design & Analysis of Algorithms	5	5	5	4	5


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7	160403 Operating System	4	5	5	5	5
8	BITL604 Network & Web Security	1	2	1	2	2
9	160404 Computer System Organization	4	4	5	5	5
10	BCSL604 Compiler Design	5	5	4	4	5
11	620202 Soft Computing (MTech)	5	5	4	4	5
12	BITL802 Data warehouse & Data Mining	5	5	5	5	5
13	BCSL603 Software Project Management	1	2	3	2	3
14	150404 Computer System Organization	4	4	3	4	4
15	BCSL602 Mobile Computing	1	2	2	1	2
16	BCSL801 Image Processing	4	4	4	4	4
17	BITL801 Image Processing	5	5	5	4	4
18	150403 Operating System	5	5	5	5	5
19	620204 Advance topics in Data Mining & Warehousing (MTech)	5	5	4	5	5
20	BITL605 Cloud Computing	3	4	5	4	5
21	BCSL610 Cloud Computing	3	4	4	4	5
22	100004 Cyber Security	1	4	4	4	4
23	BCSL602 Mobile Computing	4	4	5	5	5
24	BITL603 Compiler Design	5	5	5	5	4
25	100004 Cyber Security	4	5	5	5	5


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Department of CSE & IT

Course Curriculum Feedback (By Students on Moodle)
Jan. - June 2019 Semester

Parameter(Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
Faculty Name							
Arun Kumar (DBMS)	4	3.82	3.73	3.91	3.91	3.64	3.64
Abhishek Dixit(DAA)	3.4	3.2	3.66	3.4	3.4	3.23	3.35
Abhilash Sonker (Compiler Design)	3.15	3.15	3.5	3.15	3.15	3.22	3.29
Dr.Manish Dixit (Image Processing)	3.23	3.25	3.38	3.25	3.17	3.32	3.25
Kirti Gaur(Network & Web Security)	3.71	3.46	3.81	3.78	3.75	3.59	3.71
Ram Parvesh (Adhoc and Sensor based Networks)	3.84	3.84	4.34	3.17	3.67	3.67	4
Mir Shahnawaz Ahmad (cloud computing)	3.63	3.38	4	4	3.63	3.69	3.44

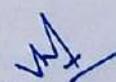

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Mir Shahnawaz Ahmad (basic computer Engg)	3.47	3.52	3.74	3.76	3.72	3.63	3.76
Neha Bhardwaj (CSO)	3.44	3.24	3.32	2.99	3.2	3.32	3.12
Namrata Agrawal (DBMS)	3.2	3.05	3.39	2.98	3.2	3.24	3.24
Pooja Agrawal(Cloud Computing)	3.49	3.22	3.46	3.64	3.61	3.34	3.37
Aishwarya (Cyber Security)	3.34	3.34	3.67	3.43	3.34	3.15	3.05
Mohit Jain(basic computer Engg)	3.55	3.63	3.96	3.98	3.96	3.67	4.03
Mohit Jain(Mobile Computing)	3.55	3.64	3.64	4.1	4.19	3.82	3.91
Shweta Patel (Cyber Security)	3.5	3	3.5	3.67	3.17	2.94	3.67
Shweta Patel(Basic Computer engg.)	3.56	3.89	3.89	3.78	3.89	3.56	3.45
Julie Kumari (SPM)	3.69	3.63	3.75	3.69	3.58	3.58	3.75
Julie Kumari (OS)	3.15	3.19	3.67	3.26	3.41	3.12	3.19
Nishtha Parashar (Java)	3.65	3.68	3.84	3.55	3.88	3.78	3.55
Nishtha Parashar (TOC)	3.5	3.48	3.42	3.53	3.56	3.53	3.53
Sneha Garg (Compiler Design)	2.98	3.23	4.12	3.56	3.67	3.67	3.45

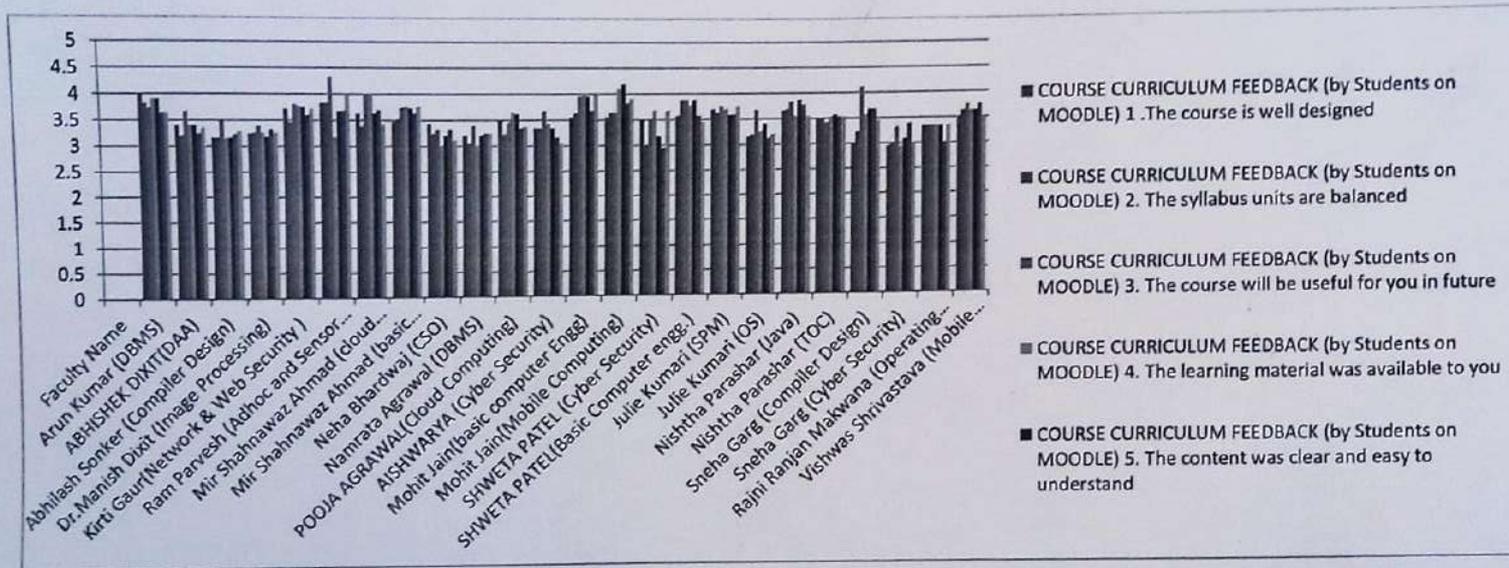

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Department of CSE & IT

Sneha Garg (Cyber Security)	2.95	3	3.31	2.93	3.08	3.39	3.01
Rajni Ranjan Makwana (Operating System)	3.34	3.34	3.34	3.34	3.34	3	3.34
Vishwas Shrivastava (Mobile Computing)	3.5	3.62	3.75	3.62	3.62	3.75	3.5



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Student's Feedback on Curriculum

Action Taken on Student's Feedback

S.No.	Subject	Feedback	Action Taken
1	Thermal engineering	The Syllabus of unit-3 & 4 is not balanced	Some portion is replaced and modified for 2020-21 batch.
		Some advanced topic should be added in subject	
2	Design of Machine Elements	Units are not balanced; some units are lengthy and some units are too short	Unit contents is revised for 2020-21 admitted batch
		Course of unit 3 rd has to be updated	Unit 3 updated:
3	Automotive Materials	Old content is available in syllabus	Unit-5 has been modified and incorporated in 2021-22 batch.
4	Maintenance engineering	Subject is not interesting as it is based on industrial point of view	Unit 2 and 3 updated
5	Industrial Engineering	Sequence of units is not well arranged	Units no.4 and 5 are re-arranged.

Students feedback on course content_Curriculum



- The course is well designed
- The learning material was available to you
- The course was relevant and updated for present needs
- The course will be useful to meet your higher studies/future aspirations
- The syllabus units are balanced
- The content was clear and easy to understand
- The course meets your career expectations

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Parameters	Average Feedback (Out of 5)							
	120411	100007	100005	190412	190613	190611	190411	190413
The course is well designed	4.06	3.65	3.64	3.67	4.50	4.17	3.27	4.27
The syllabus units are balanced	4.12	3.78	3.71	3.89	4.56	4.00	3.45	3.95
The learning material was available to you	4.06	4.03	3.96	3.67	4.50	4.50	3.45	4.18
The content was clear and easy to understand	4.18	4.05	3.71	3.44	4.56	4.17	3.27	3.86
The course was relevant and updated for present needs	4.24	4.00	3.75	3.67	4.50	4.50	3.27	3.86
The course meets your career expectations	4.18	3.70	3.71	3.44	4.50	4.17	3.45	4.00
The course will be useful to meet your higher studies/future aspirations.	4.29	3.70	3.71	3.33	4.56	4.33	3.64	4.14

Parameters	Average Feedback (Out of 5)				
	120611	120413	10004	190414	120414
The course is well designed	3.9	4.0	4.07	3.71	4.25
The syllabus units are balanced	3.8	3.9	4.03	3.67	4.25
The learning material was available to you	4.2	4.1	3.97	3.90	4.25
The content was clear and easy to understand	4.2	3.9	3.87	3.57	4.25
The course was relevant and updated for present needs	4.2	4.1	3.97	3.7	4.4
The course meets your career expectations	4.2	3.9	4.00	3.6	4.3
The course will be useful to meet your higher studies/future aspirations.	4.2	4.0	3.93	3.6	4.3

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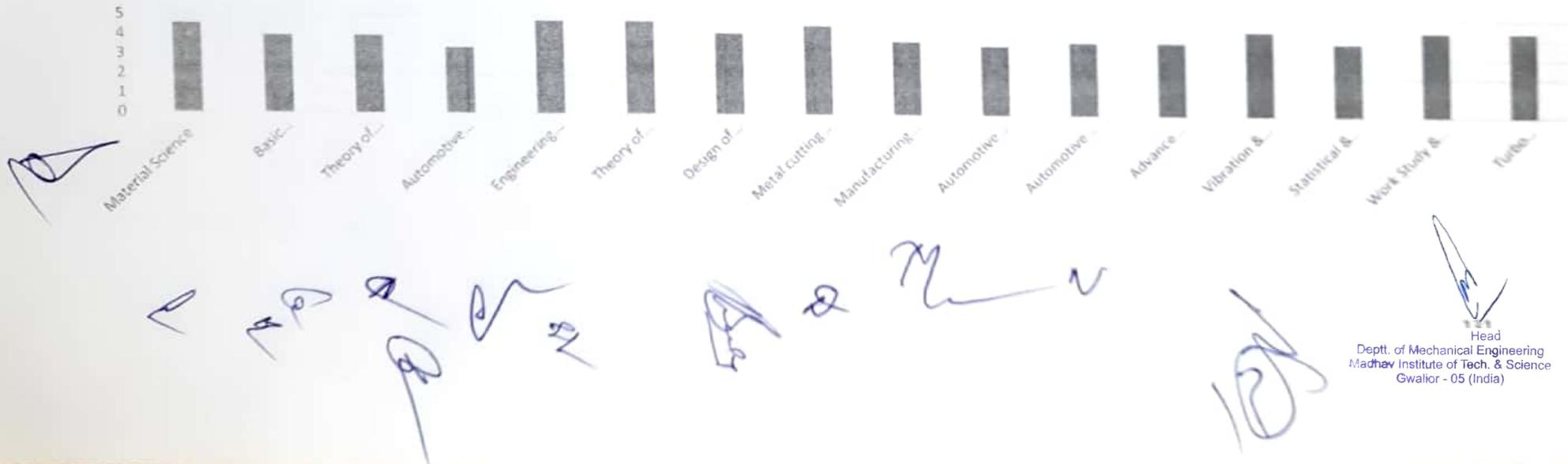
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Teacher's Feedback on Curriculum

Action Taken on Teacher's Feedback

S.No.	Subject	Feedback	Action Taken
1	Thermal Engineering	Syllabus is too vast and contains non-interrelated topics	Some units are split and added in other subjects for 2020-21 admitted batch
2	APT	Lab portion should be removed from the subject	Updated in the syllabus.
3	VNC	More utilization of SKF lab is required in vibration subject so it should be departmental core (DC) instead of departmental elective (DE).	This implementation will be done in upcoming BoS meeting, as this course will be offered in final year
4	MP	Laboratory exposure is lacking, as there is no practical slot in subject	Laboratory portion may be covered by Skill Based Project.
5	DoME	Syllabus for Automobile engineering is vast and need modification	This implementation will be done in upcoming BoS meeting, and will be applicable for 2020 admitted batch

Overall Faculty Feedback

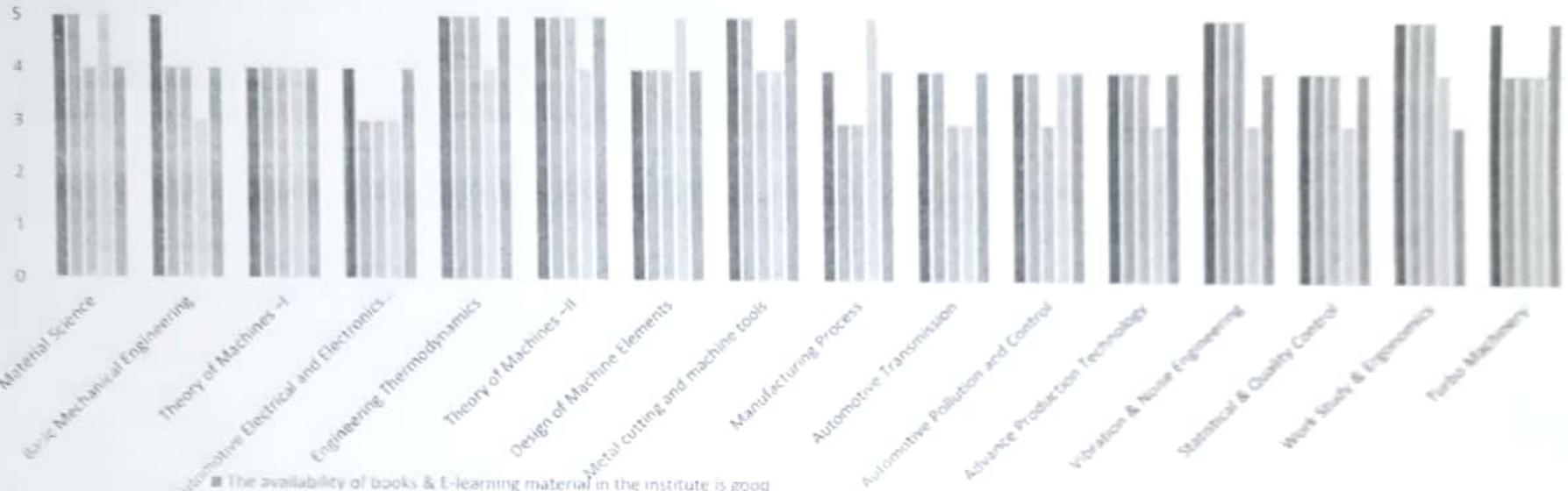



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Teacher Feedback (on a scale of 1-5)



- The availability of books & E-learning material in the institute is good
- The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.
- The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.
- The curriculum is capable of inculcating life-long learning abilities in students.

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Subject Name	The availability of books & E-learning material in the institute is good	The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	The curriculum is capable of inculcating life-long learning abilities in students.	Overall Rating
Material Science	5	5	4	5	4	4.6
Basic Mechanical Engineering	5	4	4	3	4	4.0
Theory of Machines -I	4	4	4	4	4	4.0
Automotive Electrical and Electronics System	4	3	3	3	4	3.4
Engineering Thermodynamics	5	5	5	4	5	4.8
Theory of Machines -II	5	5	5	4	5	4.8
Design of Machine Elements	4	4	4	5	4	4.2
Metal cutting and machine tools	5	5	4	4	5	4.6
Manufacturing Process	4	3	3	5	4	3.8
Automotive Transmission	4	4	3	3	4	3.6
Automotive Pollution and Control	4	4	3	4	4	3.8
Advance Production Technology	4	4	4	3	4	3.8
Vibration & Noise Engineering	5	5	5	3	4	4.4
Statistical & Quality Control	4	4	4	3	4	3.8
Work Study & Ergonomics	5	5	5	4	3	4.4
Turbo Machinery	5	4	4	4	5	4.4

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Alumni's Feedback on Curriculum

Action Taken on Alumni's Feedback

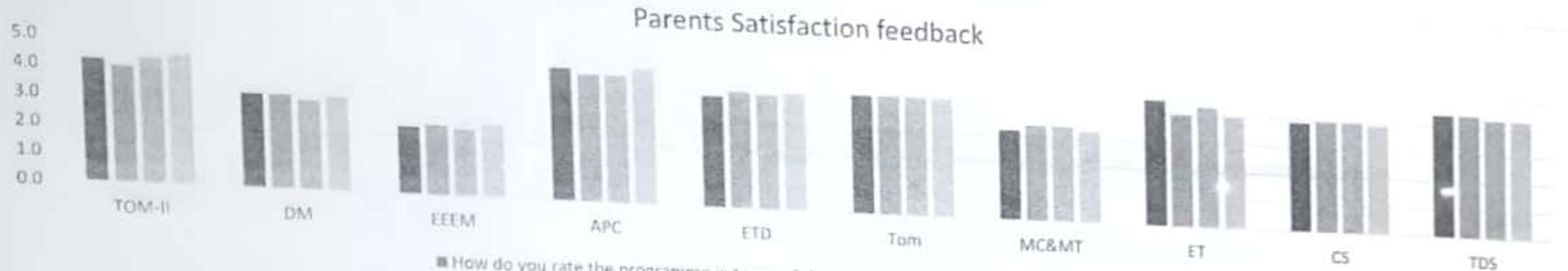
The feedback responses from alumni and action taken is illustrated in the following table:

S.No	Feedback	Action Taken
1	Need to touch the industrial and research aspects	Internship in industry is offered in Mechanical VIII sem, also ethical classes conducted under NSS.
2	As the mechanical labs still have same equipment which we saw 18 years back, however good that Cad Cam lab has improved a lot and given that industry has moved to automation, it will be beneficial for students.	Advanced software/Technology are covered through various theory subjects and laboratory. SKF lab and Ansys software is available in the department.
3	Add some courses practical classes for core branches like: MATLAB, Coding's and advance simulation tool	In flexible curriculum DE and OCs subjects are available for such courses.
4	It is found there's no course on FEA, Robotics, Mechatronics, CFD introduced at Bachelor's curriculum. It is not included in GATE but holds importance in industry. The interdepartmental collaboration within MITS can also be helpful to learn about Signal Processing, controls (similar to NVH data Processing) and programming python, Java. I think we should allow students to take subjects interdepartmental as per their choice / target (placements or GATE)	Such activity has been initiated and incorporated. CAD lab associated with ANSYS software to analysis modern tools. Also NPTEL course offered for the advance engineering. OC is subjected to inter-discipline subject.
5	Try to add Data science in present curriculum	Data science subject has been implemented in V semester 2020-21 batch.
6	State of the art courses need to be added. This needs to discussed and planed and I would be happy to be part of it.	NEC courses are running for such development..
7	Practical exposure is very less. Collage not provide any campus recruitment or internship opportunity.	6 month Internship opportunity is providing in VIII sem .



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Parents Satisfaction Feedback



- How do you rate the programme in terms of the load of the courses in different semesters?
- How do you rate the availability of books & E-learning material in the institute library / website?
- Is any new course to be introduced- to meet current needs & technological changes?
- How do you rate the quality and relevance of the courses included in the programme of study.

	TOM-II	DM	EEEM	APC	ETD	Tom	MC&MT	ET	CS	TDS
How do you rate the programme in terms of the load of the courses in different semesters?	4.2	3.3	2.4	4.6	3.9	4.2	3.2	4.5	3.9	4.4
How do you rate the availability of books & E-learning material in the institute library / website?	4.0	3.3	2.4	4.5	4.1	4.2	3.4	4.0	4.0	4.4
Is any new course to be introduced- to meet current needs & technological changes?	4.3	3.1	2.3	4.5	4.0	4.2	3.4	4.3	4.0	4.3
How do you rate the quality and relevance of the courses included in the programme of study.	4.5	3.2	2.5	4.7	4.1	4.2	3.3	4.0	3.9	4.3

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 Head
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 Madhav Institute of Tech. & Science
 Gwalior - 05 (India)



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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

Employer Feedback 2021-22

Employer Feedback

Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Demonstrated ability to work well in a team]



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Level of ethical and social responsibility]



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Have they been deserved for elevation to higher level?]



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Level of success in learning new areas, engaging in professional development, and adapting to technological c



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Level of technical contribution]



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■ Fair ■ V good ■ Excellent

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Department of Mechanical Engineering

Annexure-XI

Item ME11: To review curricula feedback from various stakeholders, its analysis and impact

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt Aided UGC-Autonomous Institute affiliated to RGPV, Bhopal)

DEPARTMENT OF MECHANICAL ENGINEERING

To review curricula feedback from various stakeholders, its analysis and impact

July 2020 to December 2020	3rd Semester	5th Semester	7th Semester			
Number of Registered Students	142	132	135			
Number of Feedback given	40	68	69			
	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	
3rd Semester	23	15	1	1	0	
5th Semester	30	35	2	1	0	
7th Semester	37	27	3	2	0	

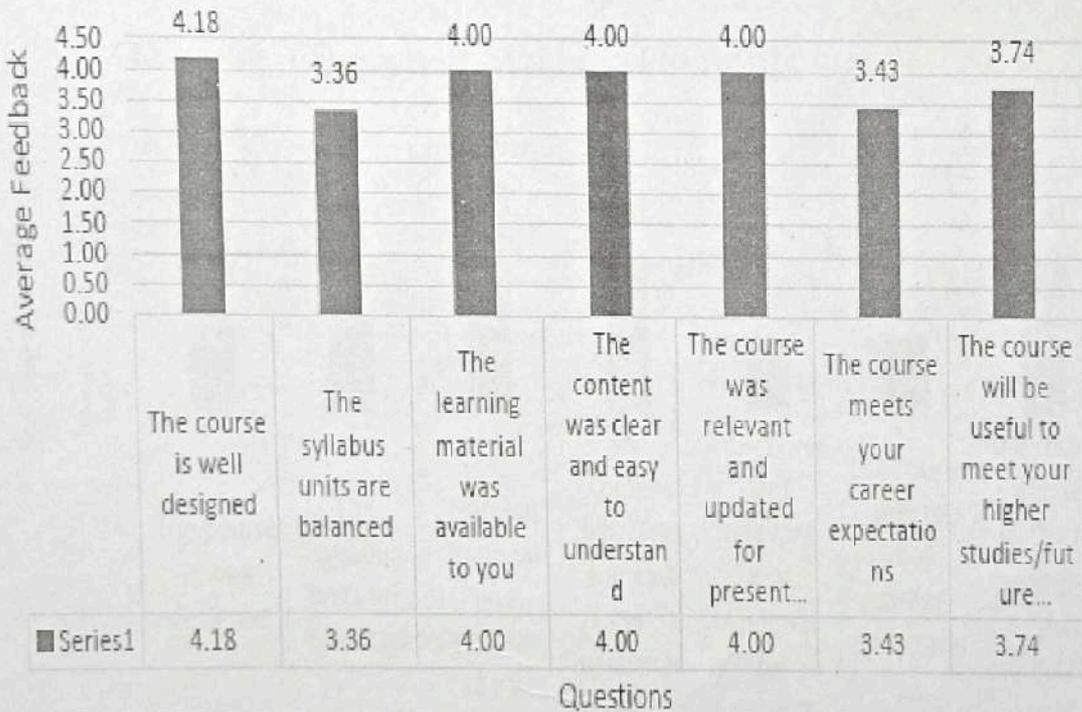
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FLUID MECHANICS AND HYDRAULIC MACHINES

Questions	Average Feedback (Out of 5)
The course is well designed	4.18
The syllabus units are balanced	3.36
The learning material was available to you	4.00
The content was clear and easy to understand	4.00
The course was relevant and updated for present needs	4.00
The course meets your career expectations	3.43
The course will be useful to meet your higher studies/future aspirations.	3.74

Fluid Mechanics and Hydraulic Machines



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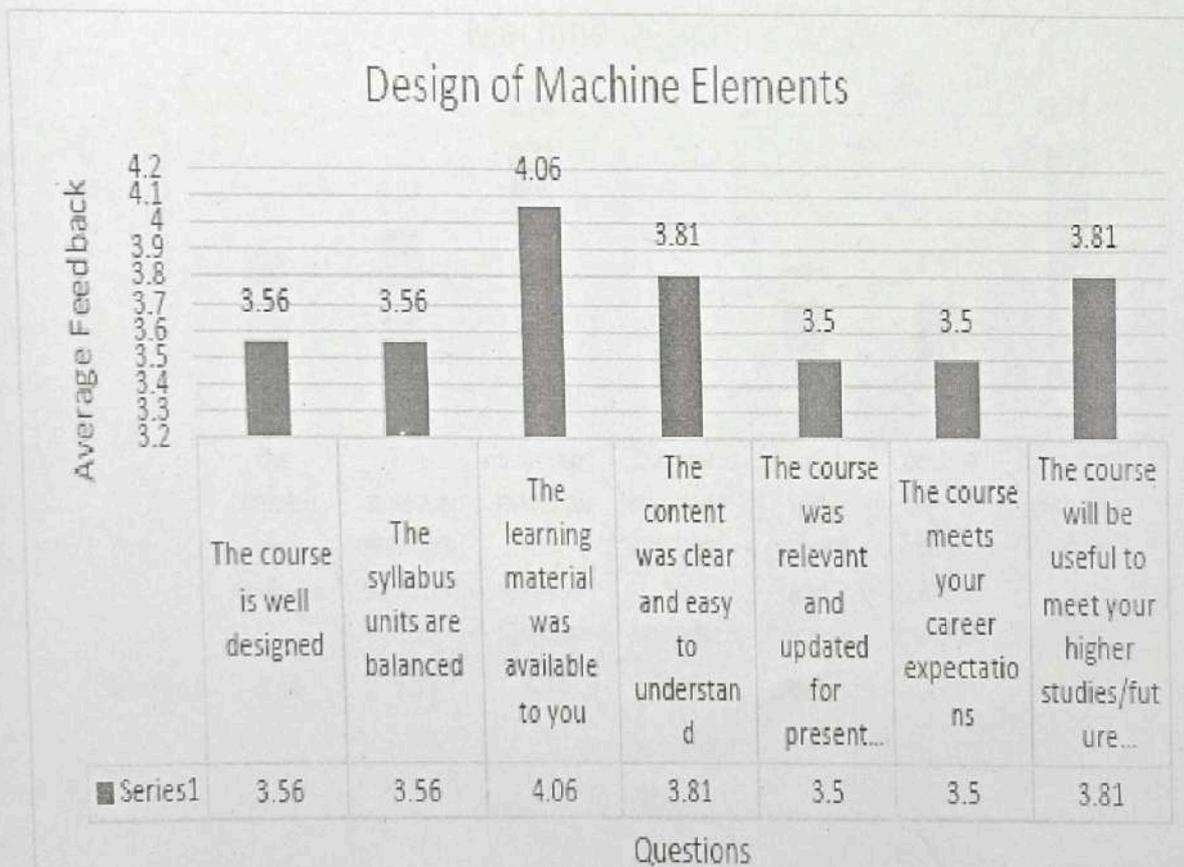
P.M.

Make

M

Design of Machine Elements

Questions	Average Feedback (Out of 5)
The course is well designed	3.56
The syllabus units are balanced	3.56
The learning material was available to you	4.06
The content was clear and easy to understand	3.81
The course was relevant and updated for present needs	3.5
The course meets your career expectations	3.5
The course will be useful to meet your higher studies/future aspirations.	3.81



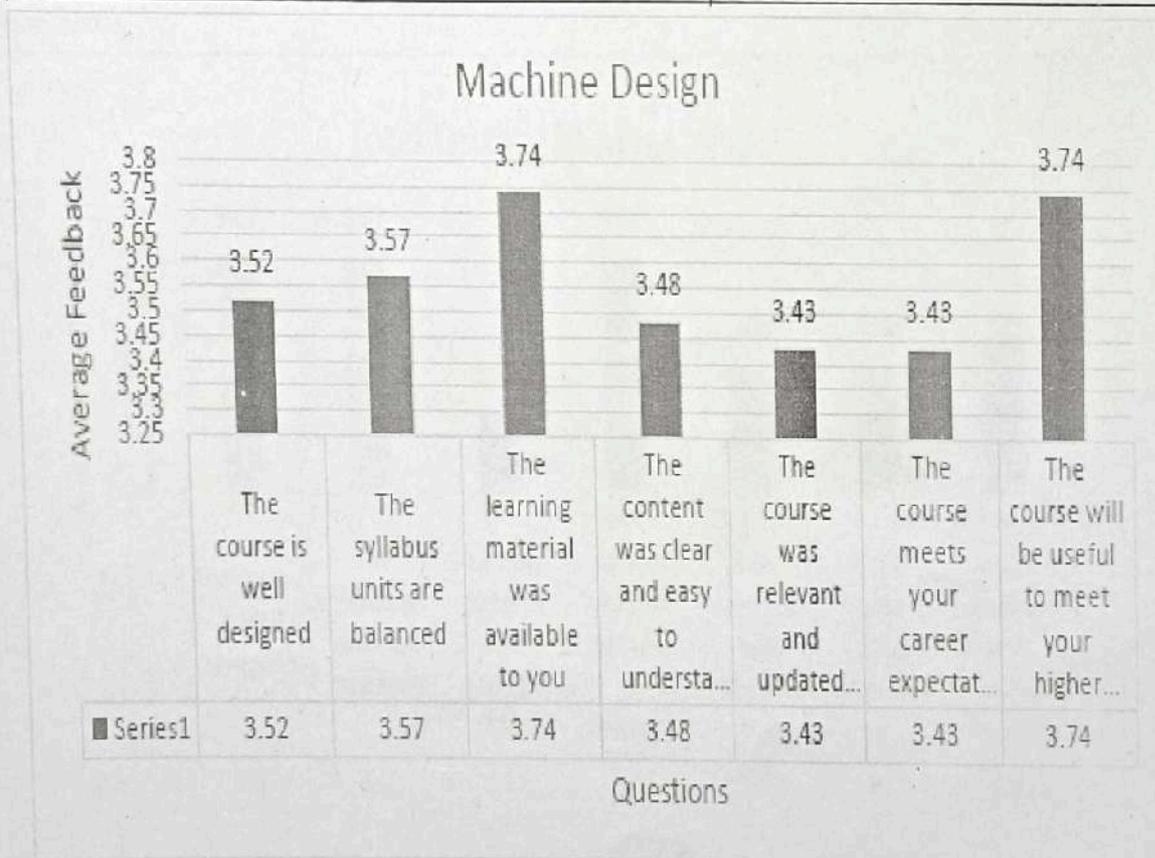
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Department of Mechanical Engineering

Machine Design	
Questions	Average Feedback (Out of 5)
The course is well designed	3.52
The syllabus units are balanced	3.57
The learning material was available to you	3.74
The content was clear and easy to understand	3.48
The course was relevant and updated for present needs	3.43
The course meets your career expectations	3.43
The course will be useful to meet your higher studies/future aspirations.	3.74



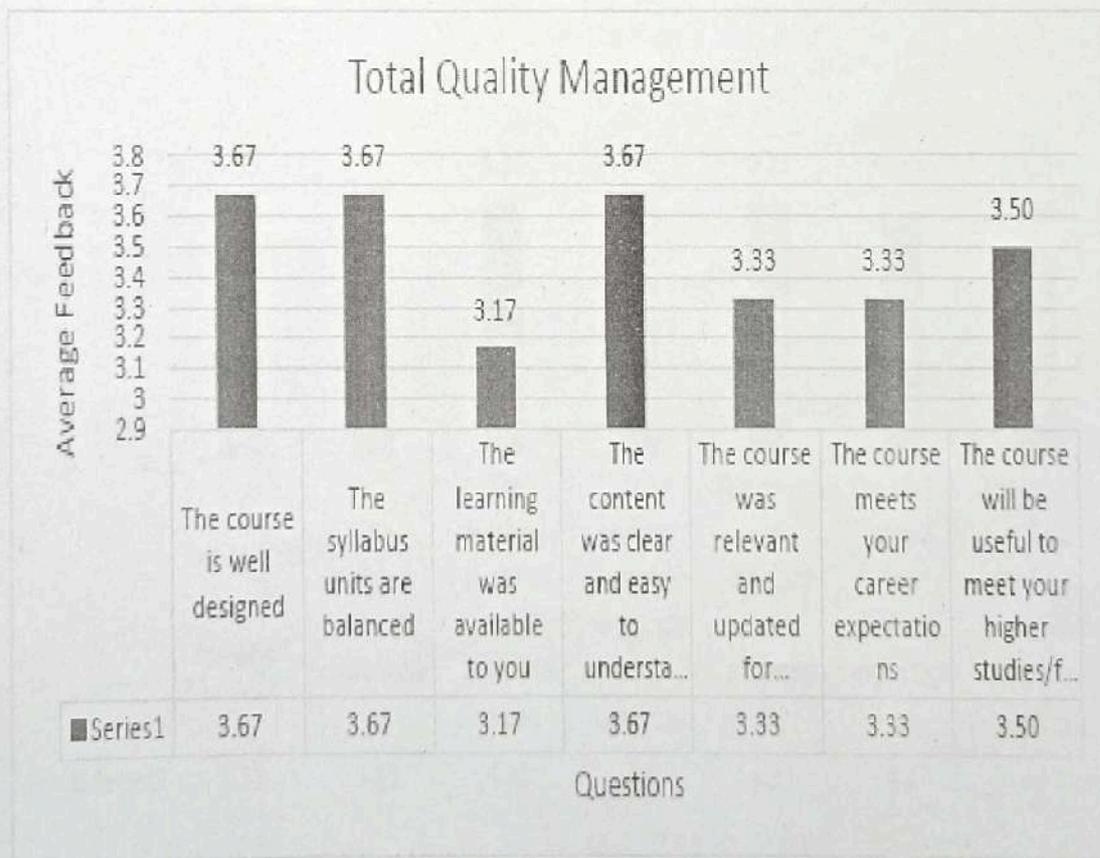
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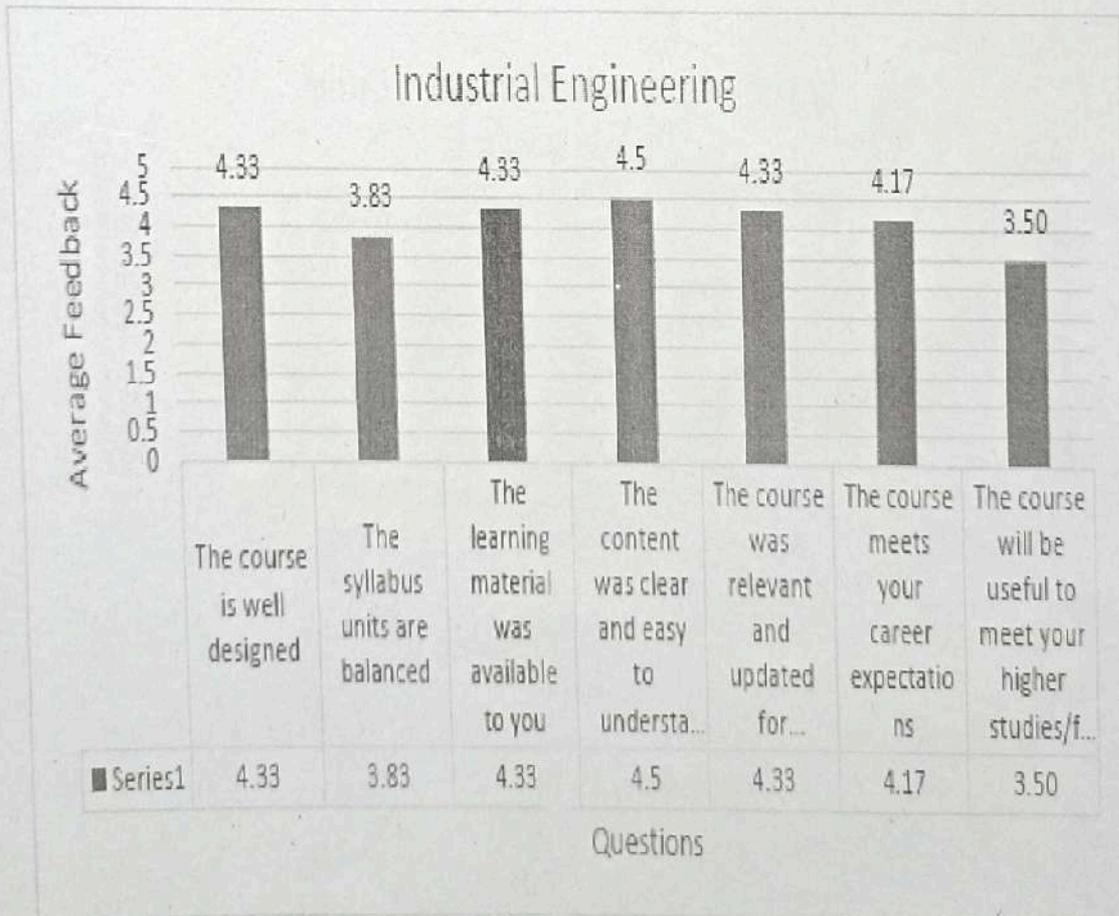
Department of Mechanical Engineering

Total Quality Management	
Questions	Average Feedback (Out of 5)
The course is well designed	3.67
The syllabus units are balanced	3.67
The learning material was available to you	3.17
The content was clear and easy to understand	3.67
The course was relevant and updated for present needs	3.33
The course meets your career expectations	3.33
The course will be useful to meet your higher studies/future aspirations.	3.50



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 K. Madhu
 M. [Signature]
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Industrial Engineering	
Questions	Average Feedback (Out of 5)
The course is well designed	4.33
The syllabus units are balanced	3.83
The learning material was available to you	4.33
The content was clear and easy to understand	4.5
The course was relevant and updated for present needs	4.33
The course meets your career expectations	4.17
The course will be useful to meet your higher studies/future aspirations.	3.50

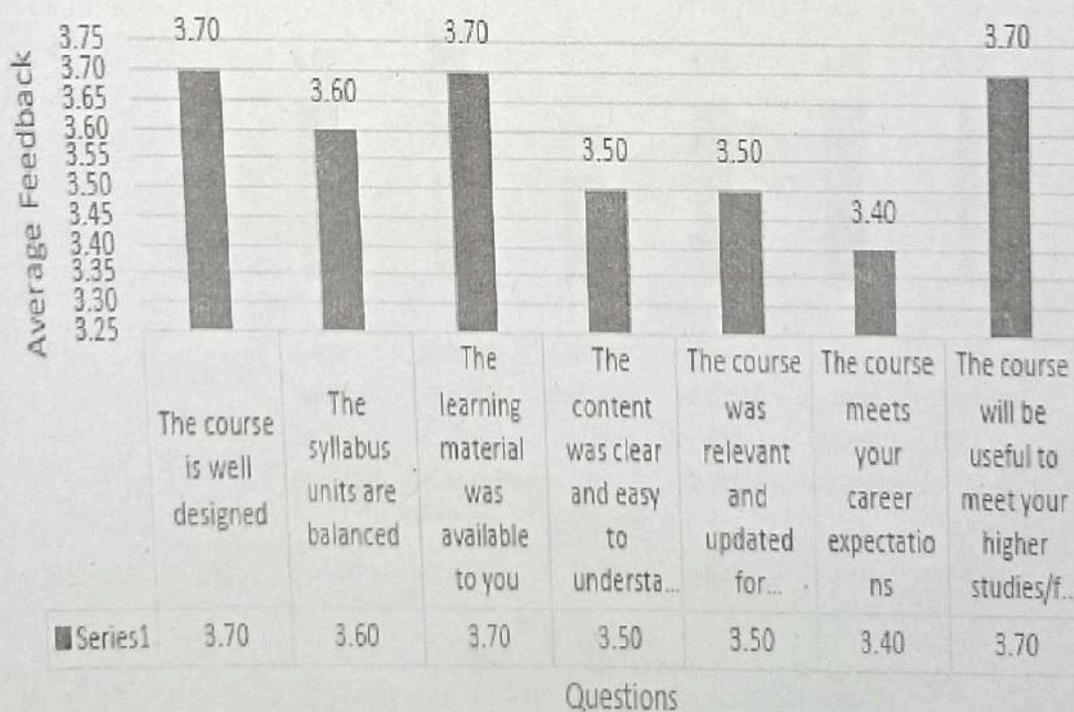


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Vibration and Noise Engineering

Questions	Average Feedback (Out of 5)
The course is well designed	3.70
The syllabus units are balanced	3.60
The learning material was available to you	3.70
The content was clear and easy to understand	3.50
The course was relevant and updated for present needs	3.50
The course meets your career expectations	3.40
The course will be useful to meet your higher studies/future aspirations.	3.70

Vibration and Noise Engineering

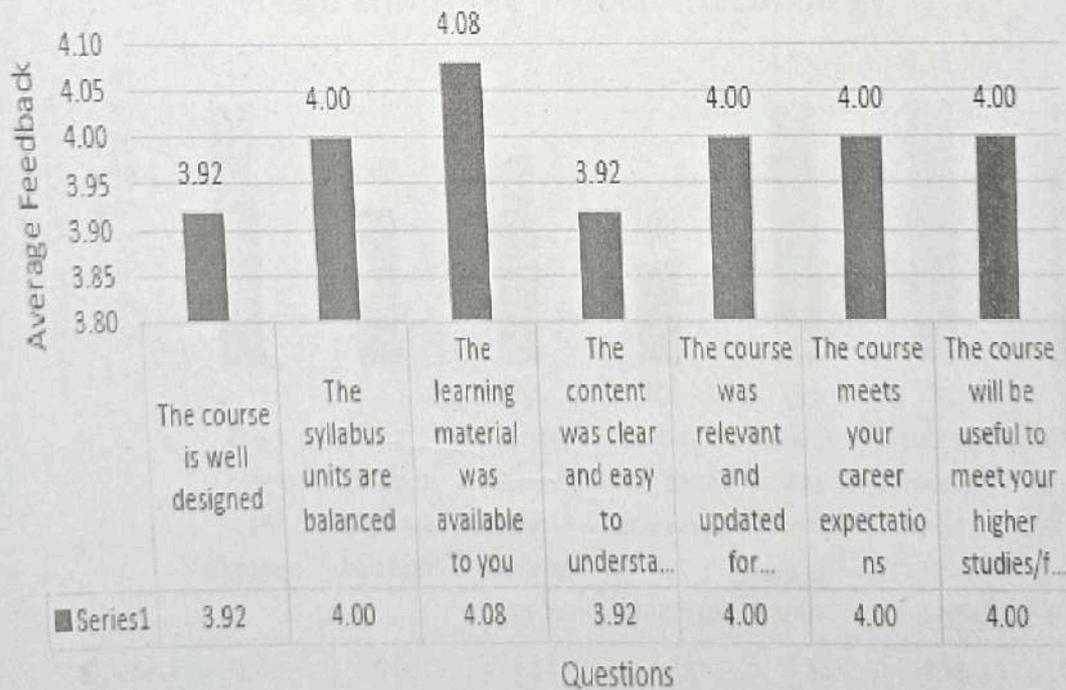


B. B. B.
P. K.
W. W.
M. M.
B.

Hybrid Electrical Vehicle

Questions	Average Feedback (Out of 5)
The course is well designed	3.92
The syllabus units are balanced	4.00
The learning material was available to you	4.08
The content was clear and easy to understand	3.92
The course was relevant and updated for present needs	4.00
The course meets your career expectations	4.00
The course will be useful to meet your higher studies/future aspirations.	4.00

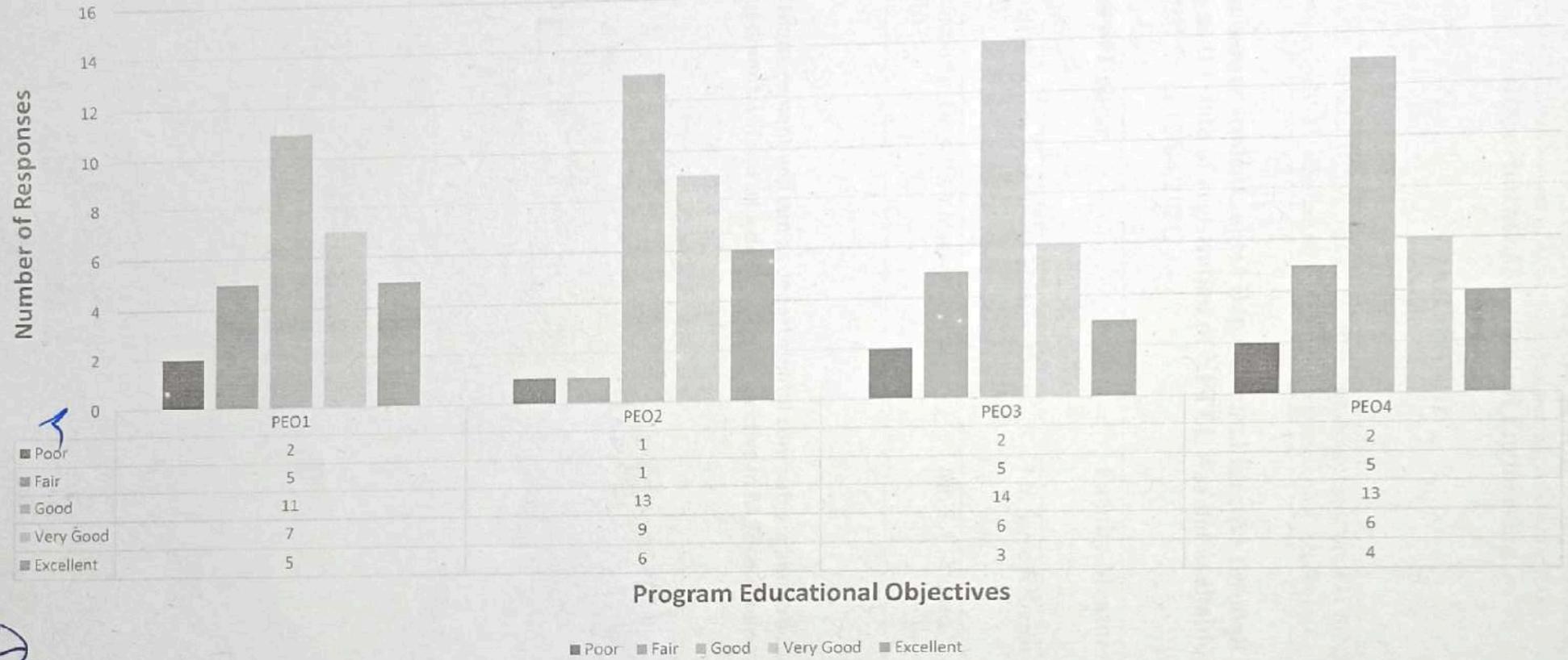
Hybrid Electrical Vehicle



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P.L.

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Alumni Feedback on PEOs



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Department of Mechanical Engineering

ITEM No. 11 (BoS Agenda)

To review curricula feedback from various stakeholders, its analysis and impact



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Department of Mechanical Engineering

Action Taken on Students Feedback on Curriculum

S.No.	Subject	Feedback	Action Taken
1	Fluid Mechanics and Hydraulic Machine	The Syllabus of unit 5 is not balanced	Some portion is added in unit 5 for 2020-21 batch
		Some advanced topic should be added in subject	Separate course “Turbo Machinery” is running for advanced topic.
2	Design of Machine Elements	Units are not balanced; some units are lengthy and some units are too short	Unit contents is revised for 2020-21 admitted batch
		Course structure is not advanced as per present scenario	Advanced topics are covered in laboratory and also suggested NPTEL course for advanced topics
3	Machine Design	Old content is available in syllabus	Skill based project are given to students regarding advanced topics
4	Total Quality Management	Subject is not interesting as it is based on industrial point of view	Some industry personal involvement is in process for this subject
5	Industrial Engineering	Sequence of units is not well arranged	Units no.3 and 5 are re-arranged.
6	Vibration and Noise Control	Course is difficult and need practical skills	SKF lab is utilized for practical knowledge

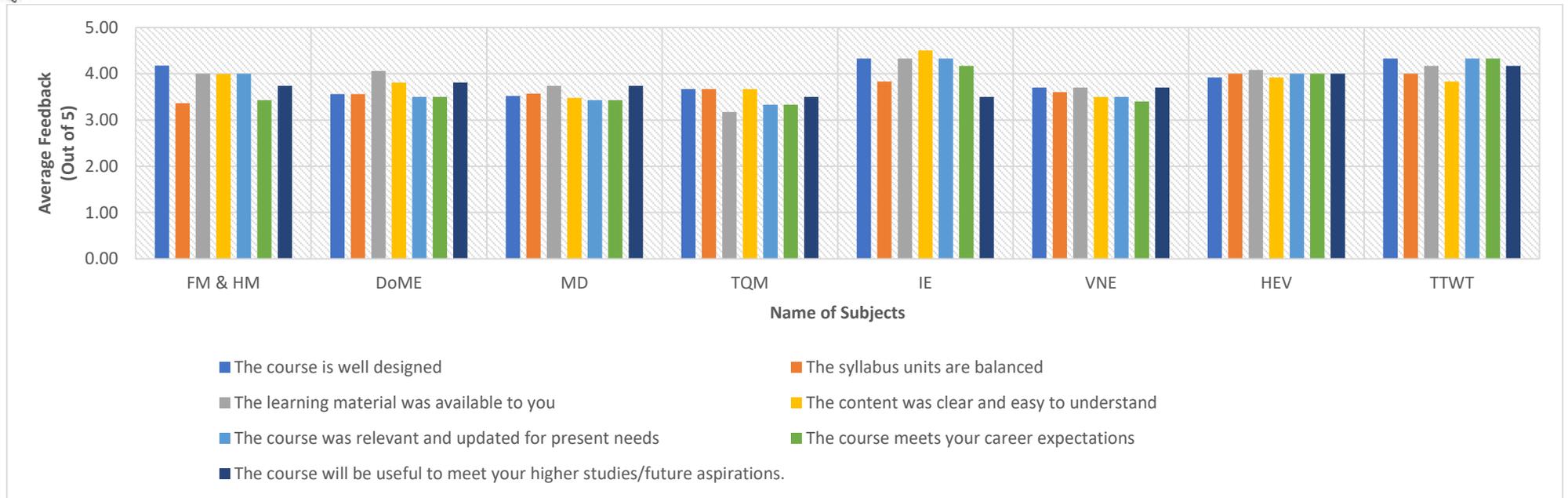
Parameters	Average Feedback (Out of 5)							
	FM & HM	DoME	MD	TQM	IE	VNE	HEV	TTWT
The course is well designed	4.18	3.56	3.52	3.67	4.33	3.70	3.92	4.33
The syllabus units are balanced	3.36	3.56	3.57	3.67	3.83	3.60	4.00	4.00
The learning material was available to you	4.00	4.06	3.74	3.17	4.33	3.70	4.08	4.17
The content was clear and easy to understand	4.00	3.81	3.48	3.67	4.5	3.50	3.92	3.83
The course was relevant and updated for present needs	4.00	3.5	3.43	3.33	4.33	3.50	4.00	4.33
The course meets your career expectations	3.43	3.5	3.43	3.33	4.17	3.40	4.00	4.33
The course will be useful to meet your higher studies/future aspirations.	3.74	3.81	3.74	3.50	3.50	3.70	4.00	4.17



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Department of Mechanical Engineering



STUDENT FEEDBACK ON CURRICULUM					
	3rd Semester	5th Semester	7th Semester		
Number of Registered Students	142	132	135		
Number of Feedback given	40	68	69		
	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
3rd Semester	23	15	1	1	0
5th Semester	30	35	2	1	0
7th Semester	37	27	3	2	0

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Action Taken on Teacher's Feedback on Curriculum

S.No.	Subject	Feedback	Action Taken
1	Thermal Engineering	Syllabus is too vast and contains non-interrelated topics	Some units are split and added in other subjects for 2020-21 admitted batch
2	APT	Due to non-availability of CNC working machine laboratory part should be removed	This will be decided in upcoming BoS
3	VNC	More utilization of SKF lab is required in vibration subject so it should be departmental core (DC) instead of departmental elective (DE).	This implementation will be done in upcoming BoS meeting, as this course will be offered in final year
4	RAC	For best utilization of RAC lab, it should be departmental core (DC) instead of departmental elective (DE)	This implementation will be done in upcoming BoS meeting, as this course will be offered in final year
5	MP	Laboratory exposure is lacking, as there is no practical slot is in subject	Laboratory portion may be covered by Skill Based Project.
6	DoME	Syllabus for Automobile engineering is vast and need modification	This implementation will be done in upcoming BoS meeting, and will be applicable for 2020 admitted batch

Parameters	Average Feedback (Out of 5)																	
	MS	MoM	ToM-I	FM&HM	AE	ToM-II	DoME	MP	ET	IE	MCMT	HMT	TE	MD	APT	RAC	AT	R&C
The Courses and content are up to date	4.18	3.56	3.52	3.67	4.33	3.70	3.92	4.33	3.67	4.33	3.70	3.92	4.33	3.56	3.52	4.3	4.33	4.15
The course curriculum/syllabi are helpful in meeting the higher studies/ placement requirements	3.36	3.56	3.57	3.67	3.83	3.90	4.00	4.00	3.67	3.83	3.60	4.00	4.00	4.1	4.2	4.1	3.83	4.03

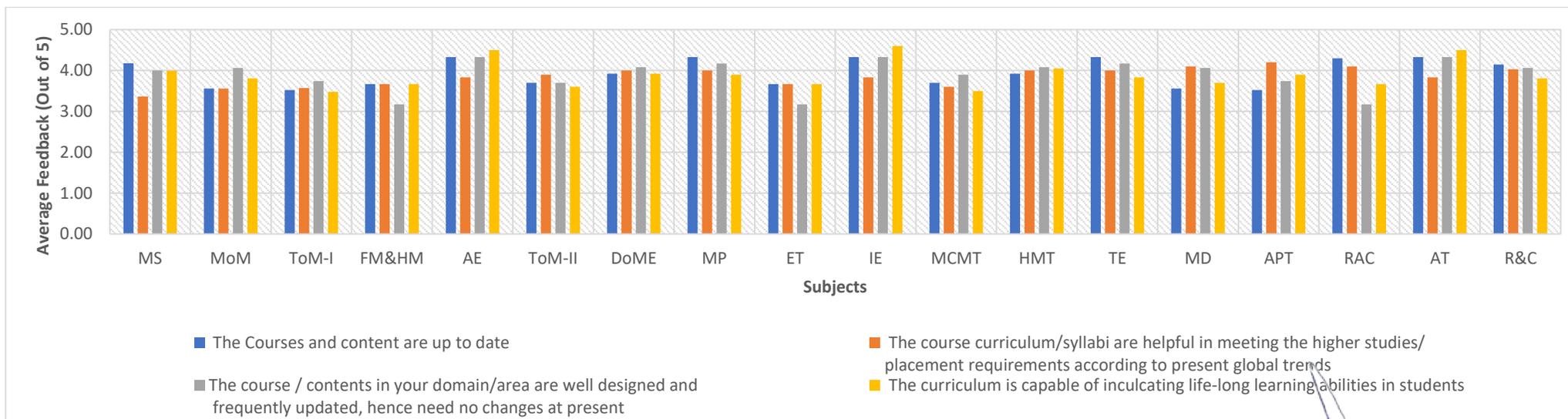


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Department of Mechanical Engineering

according to present global trends																		
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present	4.00	4.06	3.74	3.17	4.33	3.70	4.08	4.17	3.17	4.33	3.90	4.08	4.17	4.06	3.74	3.17	4.33	4.06
The curriculum is capable of inculcating life-long learning abilities in students	4.00	3.81	3.48	3.67	4.5	3.60	3.92	3.90	3.67	4.6	3.50	4.05	3.83	3.7	3.9	3.67	4.5	3.81



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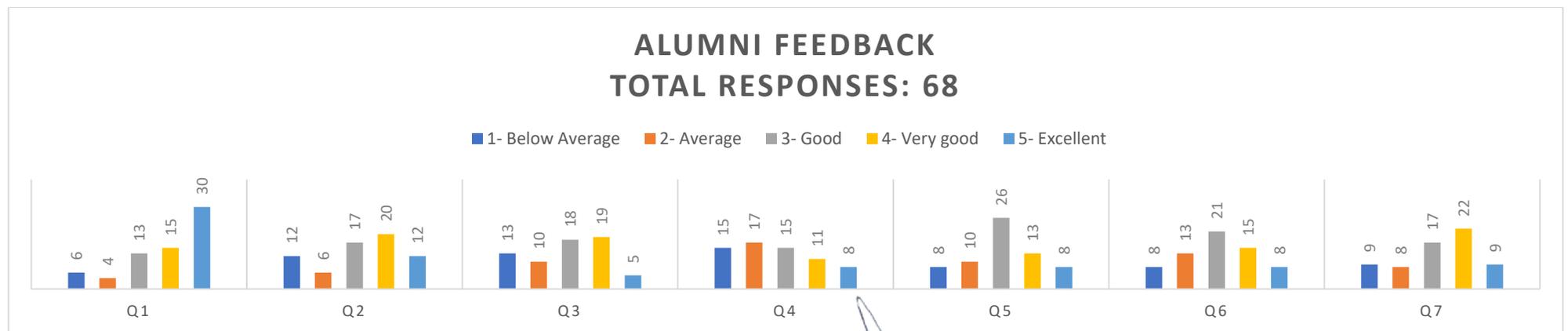
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Department of Mechanical Engineering **Action Taken on Alumni's Feedback on Curriculum**

The feedback responses from alumni and action taken is illustrated in the following table:

S.No	Feedback	Action Taken
1	Recent technologies must be Include	In SKF lab, RAC Lab, latest equipment's are added, also advanced subjects are offered through departmental elective (DE)
2	There must be a career counselling session for the students	Career counselling session is continuously conducting by student counsellor, also in orientation program HoD, Senior faculty takes career counselling session.
3	Need more practical industry driven education and also need to add ethics-civics class in all branches.	Internship in industry is offered in Mechanical VIII sem, also ethical classes conducted under NSS.
4	Support and motivate student ideas	There is a startup cell, which promote students' ideas and give platform for enhancement their ideas.
5	In the world of CAD/CAM needed advance technology	Advanced software/Technology are covered through various theory subjects and laboratory.
6	Please provide placement opportunities in core mechanical sector.	Departmental level placement committee is formed, which will look the placement of students in core companies.
7	Practical exposure is very less. Collage not provide any campus recruitment or internship opportunity.	6 month Internship opportunity is providing in VIII sem .



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Department of Mechanical Engineering

- Q1** You feel proud to be known as an MITS Alumnus
- Q2** Institute organizes various kinds of activities for the overall development of students
- Q3** Institute handles student's grievances properly
- Q4** Institute has adequate laboratories and equipment for practical exposure to students
- Q5** The education imparted at MITS is useful and relevant in your career and present job
- Q6** Have you obtained sufficient technical knowledge (both in theory and practical) at MITS
- Q7** Overall are you satisfied with the Faculty, Staff and Administration during Program



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Item ME24	To review curricula feedback from various stakeholders, its analysis and impact {Stakeholder feedback analysis must also contain an action taken report (ATR) and the details/data of the stakeholder who have responded through GOOGLE form (such as Name, organization, mail id, phone no if available) must also be shared along with the feedback for the alumni/employer.}
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Student's Feedback on Curriculum

Action Taken on Student's Feedback

III-Semester (AU/ME)

S. No.	Subject	Feedback	Action Taken
1	Manufacturing Process (DC-2)	The syllabus is good but rearrangement of topic required	Production track committee formed and required changes has been employed.
2	Mechanics of Materials (DC-3)	Units to be balanced	Unit contents is revised for 2021-22 admitted batch
3	Theory of Machines –I (DC-4)	There is nothing that a mechanical engineer can learn through online mode. If we can't learn the working of a machine in a physical manner, then we also can't fix it	Offline classes has been scheduled in upcoming semester as per govt. guidelines
4	Fluid Mechanics and Hydraulic Machines (DC-5)	Online labs are not enough to provide all practical learning	Offline lab class has been initiated with effect from Nov. 2021
5	Automotive Materials (DC-2)	NA	No changes
6	Automotive Engines (DC-4)	Course is difficult and need practical skills	Students are advised to visit IC-engine lab to get exposures of engines and automotive.

Mechanical Engineering			
	3rd Semester	5th Semester	7th Semester
Number of Registered Students	132	149	138
Number of Feedback given	78	95	42
Automobile Engineering			
	3rd Semester	5th Semester	7th Semester
Number of Registered Students	35	65	65
Number of Feedback given	12	11	17

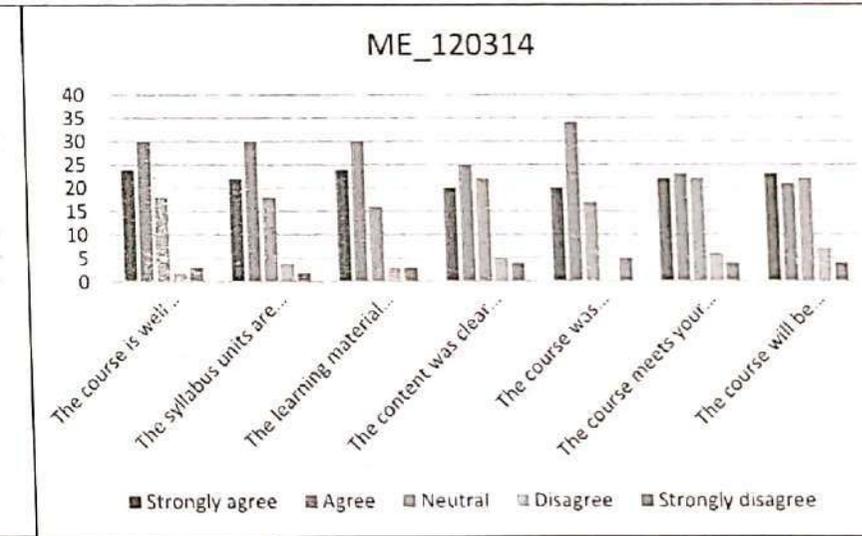
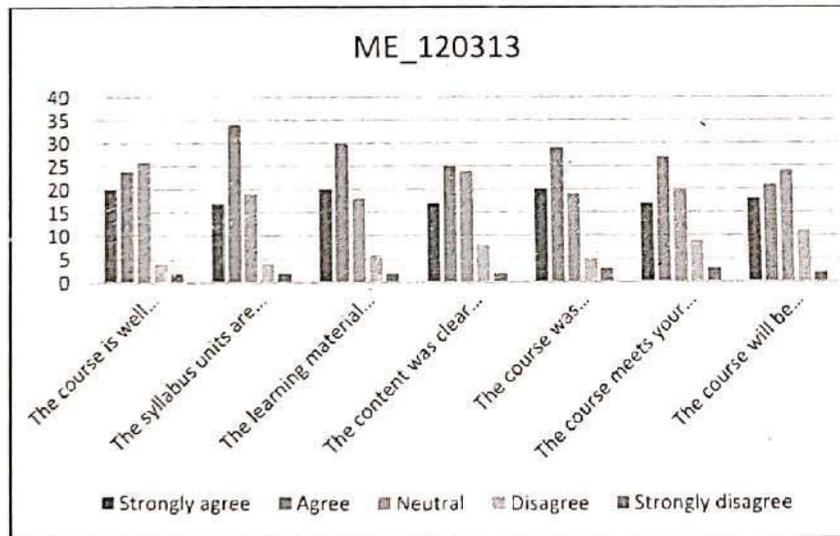
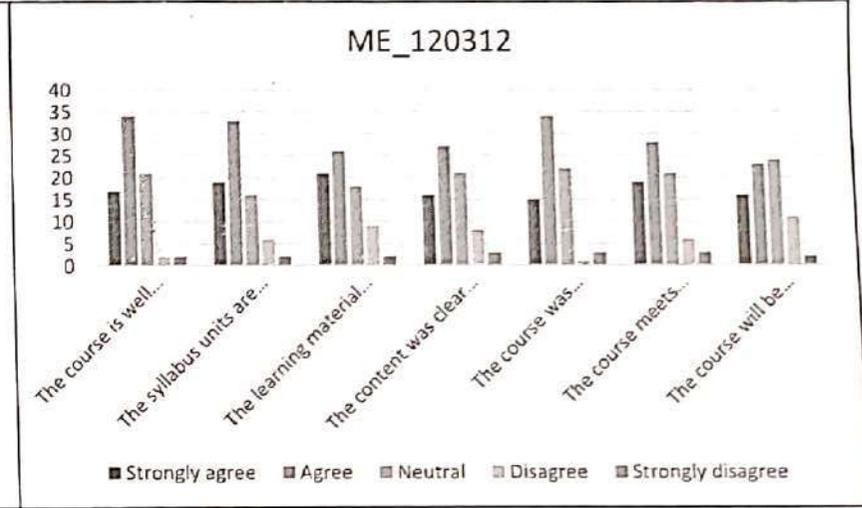
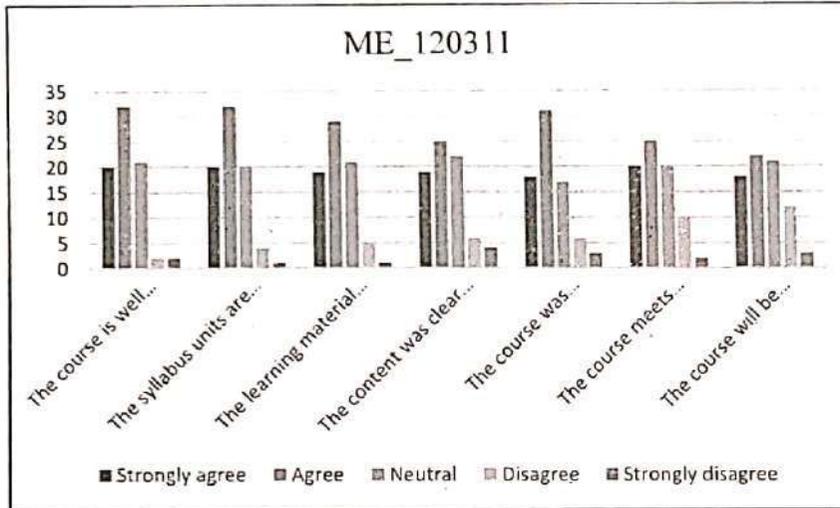
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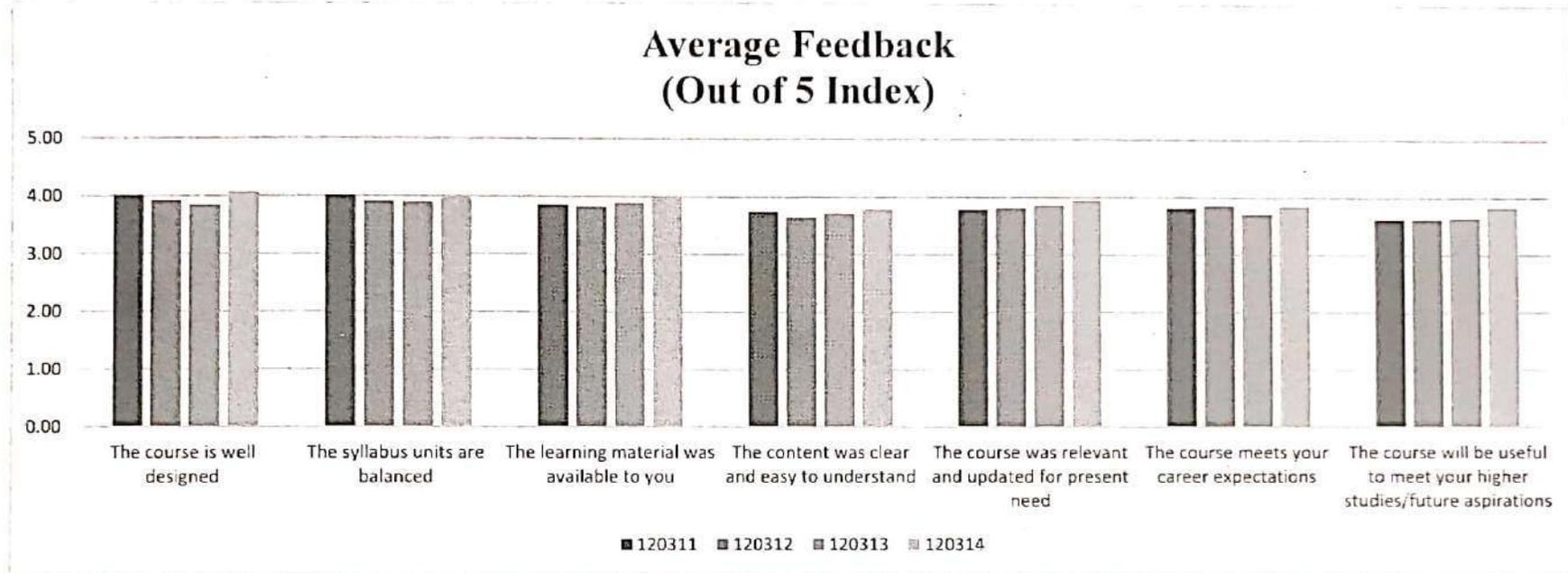


M P.H. [Signatures]

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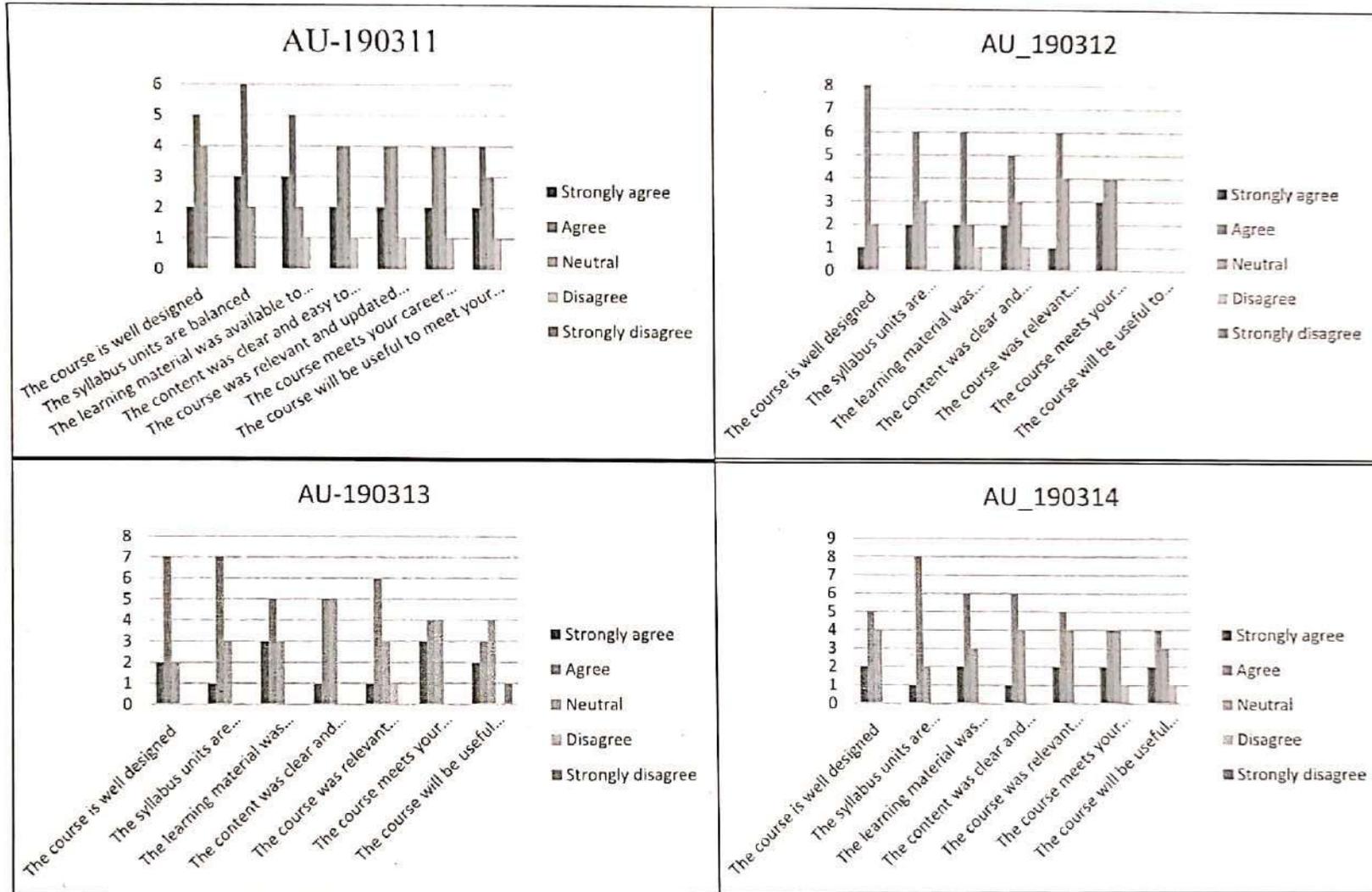
Average Feedback (Out of 5)				
Subject Code: →	120311	120312	120313	120314
The course is well designed	4.01	3.92	3.84	4.07
The syllabus units are balanced	4.01	3.91	3.89	3.97
The learning material was available to you	3.85	3.82	3.89	4.01
The content was clear and easy to understand	3.74	3.65	3.72	3.78
The course was relevant and updated for present need	3.78	3.81	3.86	3.95
The course meets your career expectations	3.81	3.85	3.70	3.84
The course will be useful to meet your higher studies/future aspirations	3.62	3.62	3.65	3.82

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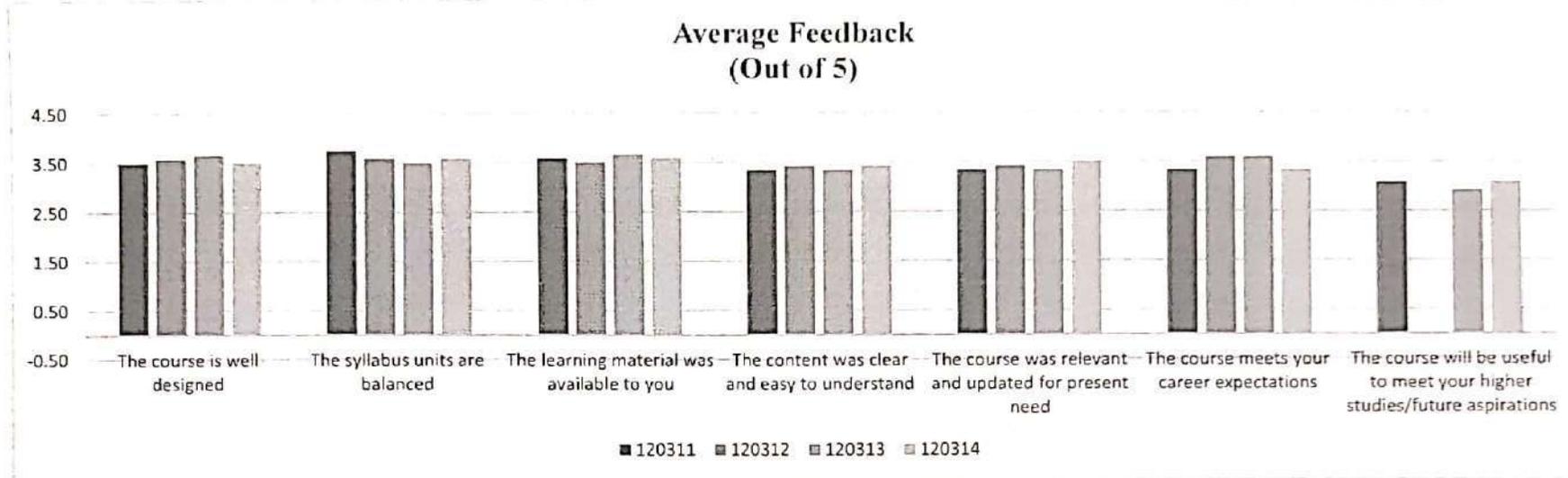
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Average Feedback (Out of 5)				
Subject Code: ➔	190311	190312	190313	190314
The course is well designed	3.50	3.58	3.67	3.50
The syllabus units are balanced	3.75	3.58	3.50	3.58
The learning material was available to you	3.58	3.50	3.67	3.58
The content was clear and easy to understand	3.33	3.42	3.33	3.42
The course was relevant and updated for present need	3.33	3.42	3.33	3.50
The course meets your career expectations	3.33	3.58	3.58	3.33
The course will be useful to meet your higher studies/future aspirations	3.08	0.00	2.92	3.08

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Action Taken on Student's Feedback

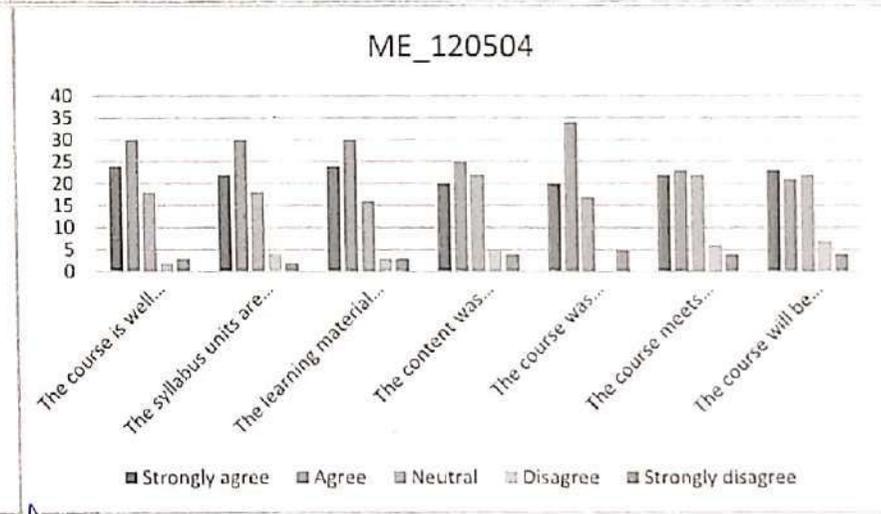
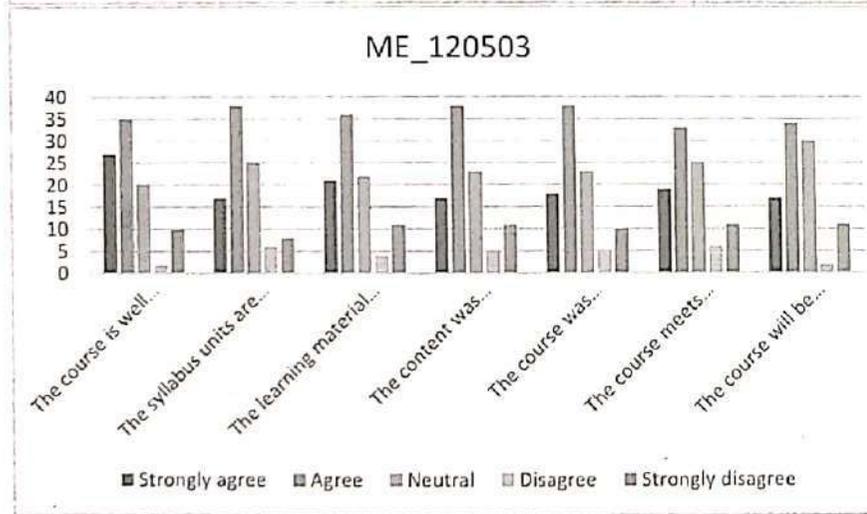
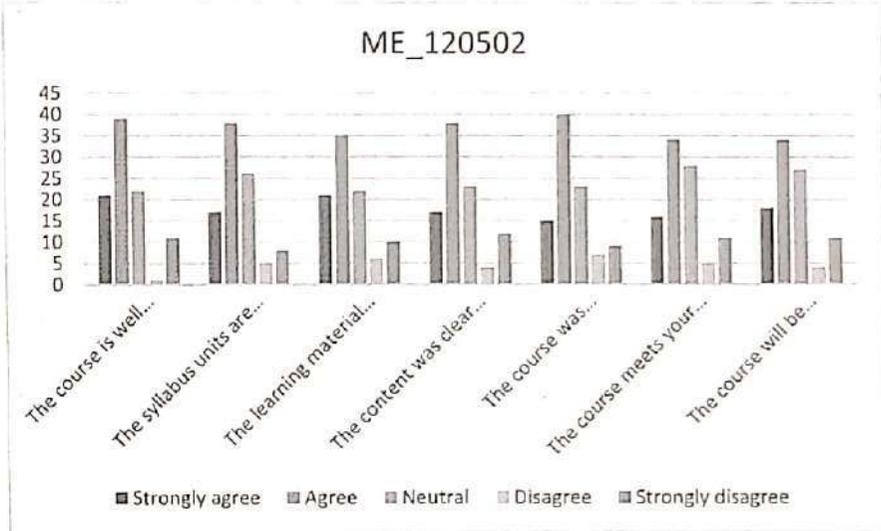
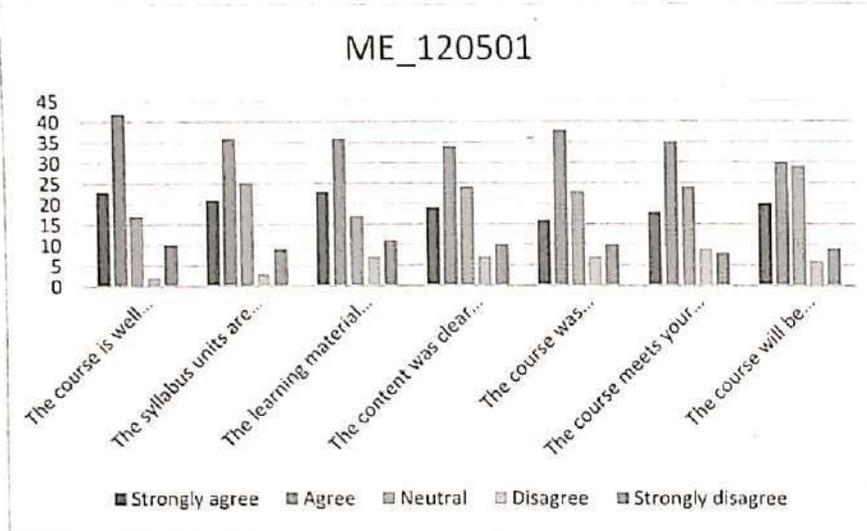
V-Semester (ME/AU)

S. No.	Subject	Feedback	Action Taken
1	Industrial Engineering	Please make the next semester completely offline.	As per the office order: Offline classes will be scheduled.
2	Metal cutting and machine tools	The structure is well designed.	Most of the students are satisfied with metal cutting and machining tools syllabus.
3	Heat & Mass Transfer	We don't want online classes because online class are not attractive as offline classes. So plz from next sem from day plz start the offline classes.	Offline classes has been scheduled in upcoming semester as per govt. guidelines
4	Thermal Engineering	Online labs are not enough to provide all practical learning	Offline class has been initiated with effect from Nov. 2021
5	Machine Design	NA	No changes
6	Design of machine elements	Course is difficult and need practical skills	Students are advised to visit and meet faculties. Remedial classes is regularly conducting.
7	Automotive Chassis	Course is very well designed	NA

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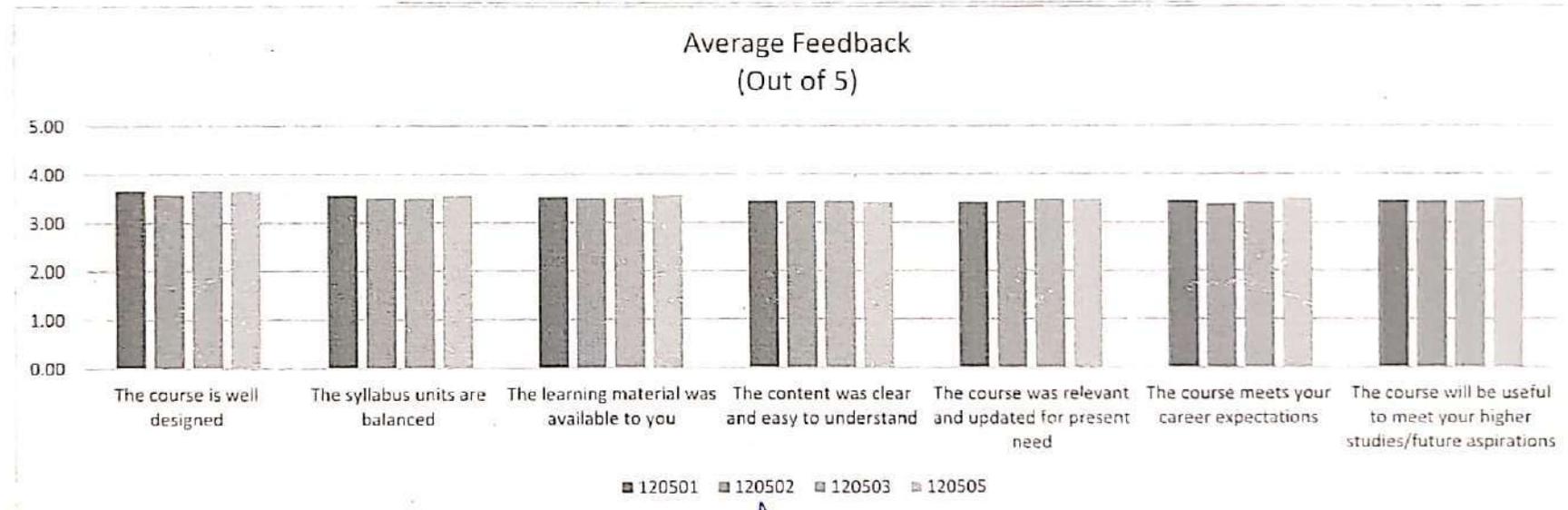
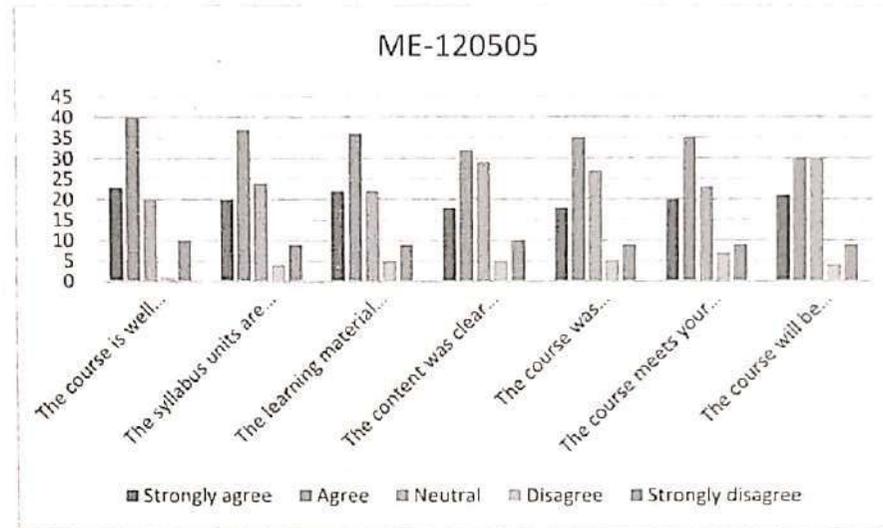
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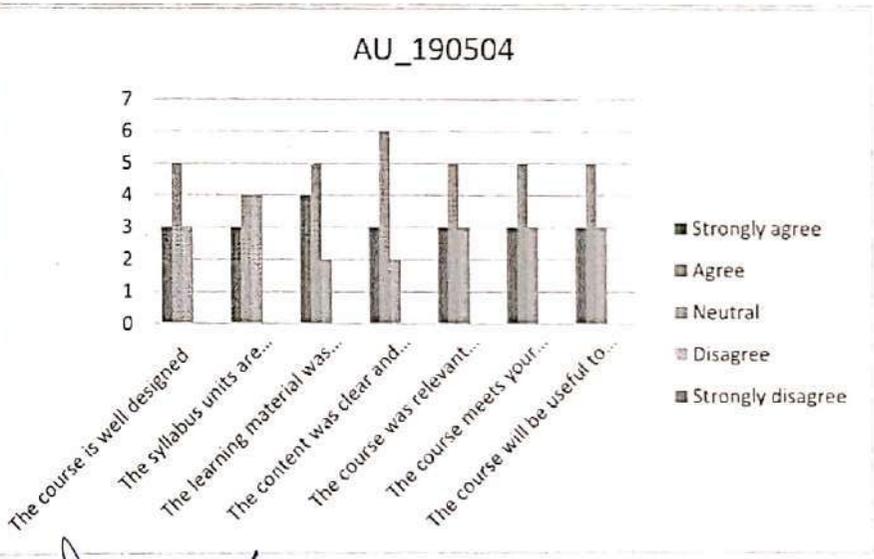
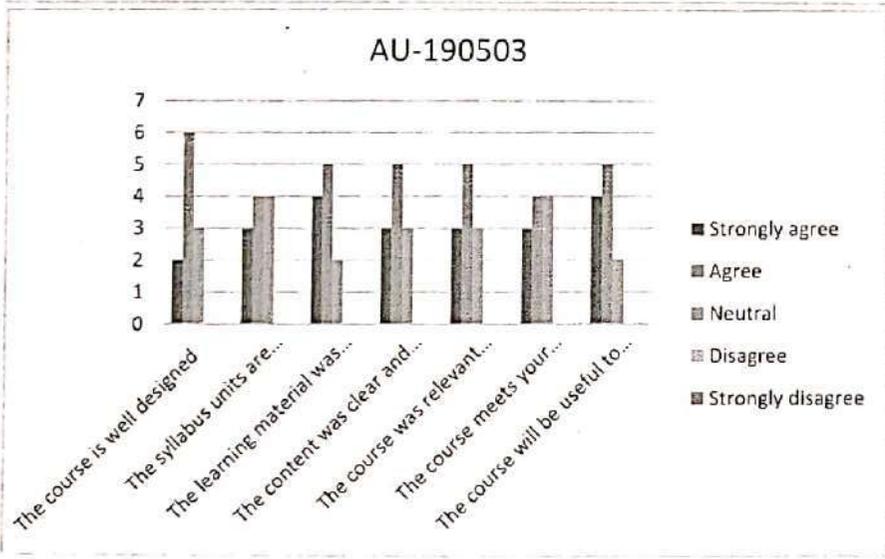
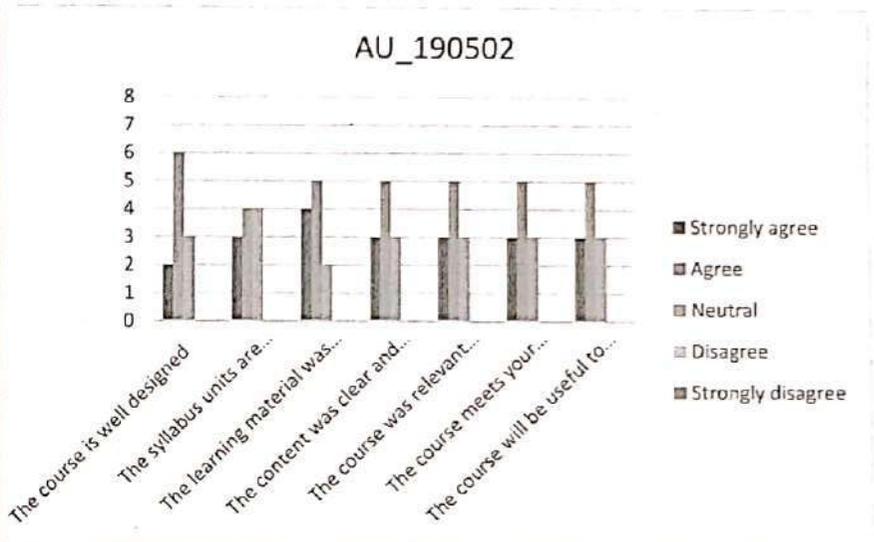
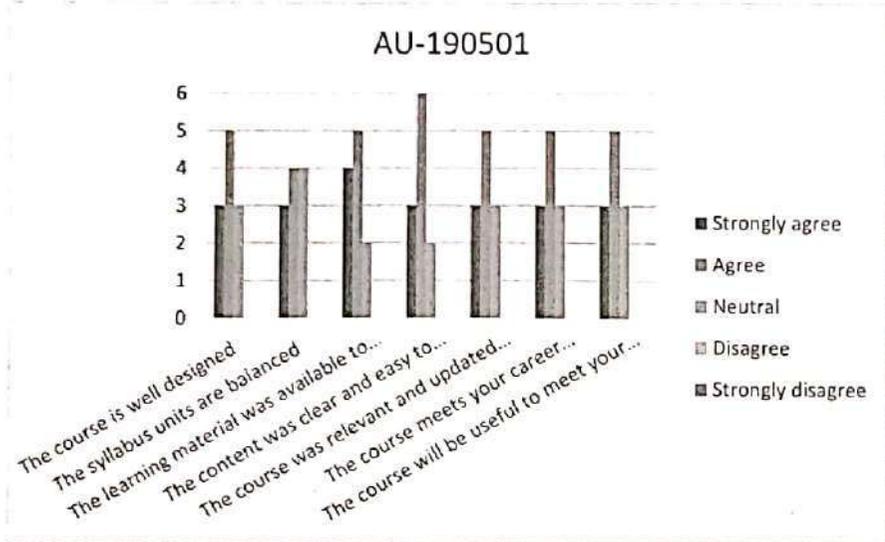
Department of Mechanical Engineering

Average Feedback (Out of 5)					
Subject Code: ➔	120501	120502	120503	120504	120505
The course is well designed	3.66	3.58	3.67	3.17	3.65
The syllabus units are balanced	3.57	3.51	3.49	3.09	3.55
The learning material was available to you	3.53	3.51	3.52	3.13	3.57
The content was clear and easy to understand	3.44	3.43	3.44	2.95	3.42
The course was relevant and updated for present need	3.42	3.44	3.48	3.07	3.47
The course meets your career expectations	3.45	3.38	3.42	2.99	3.49
The course will be useful to meet your higher studies/future aspirations	3.45	3.43	3.43	2.98	3.49

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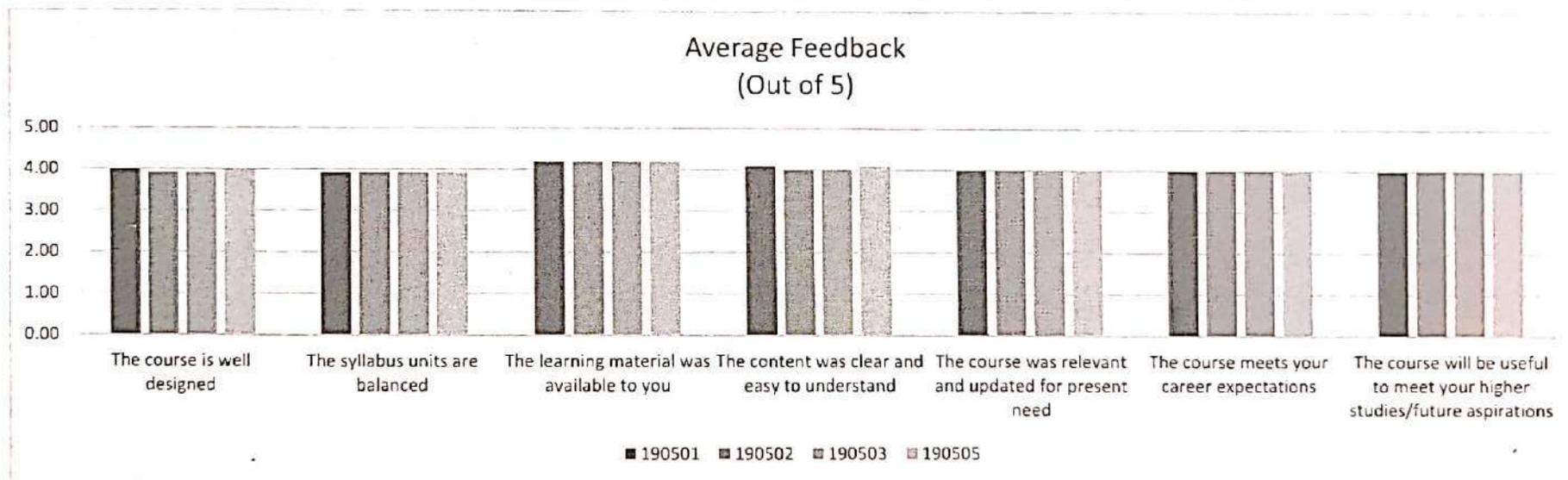
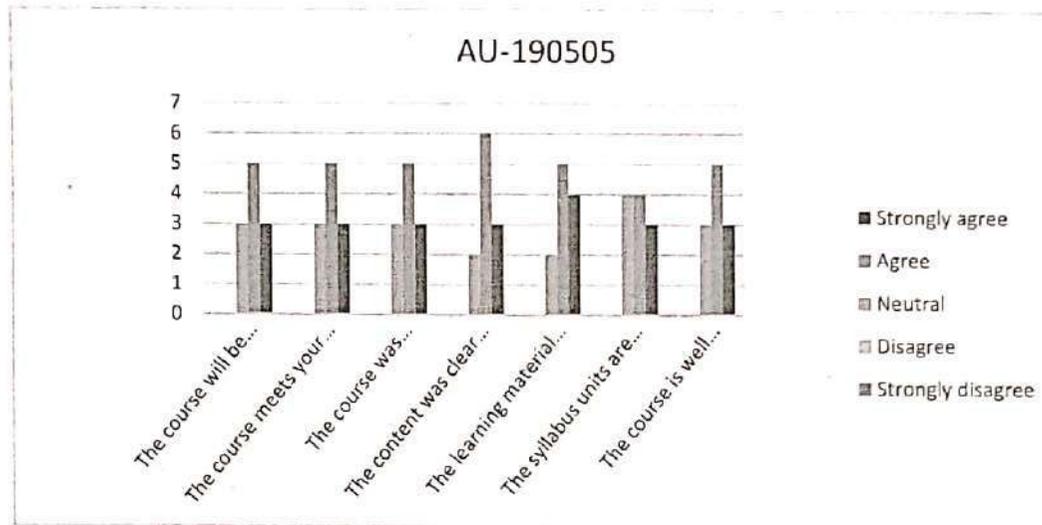
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Action Taken on Student's Feedback

VII-Semester (ME/AU)

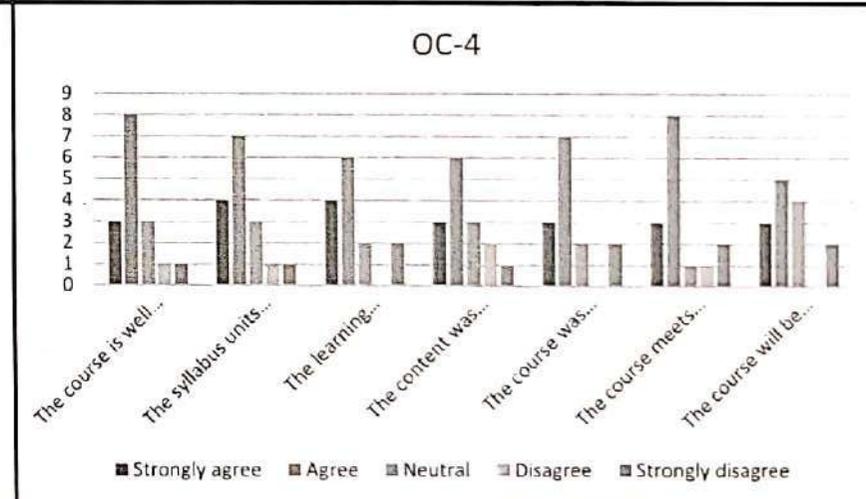
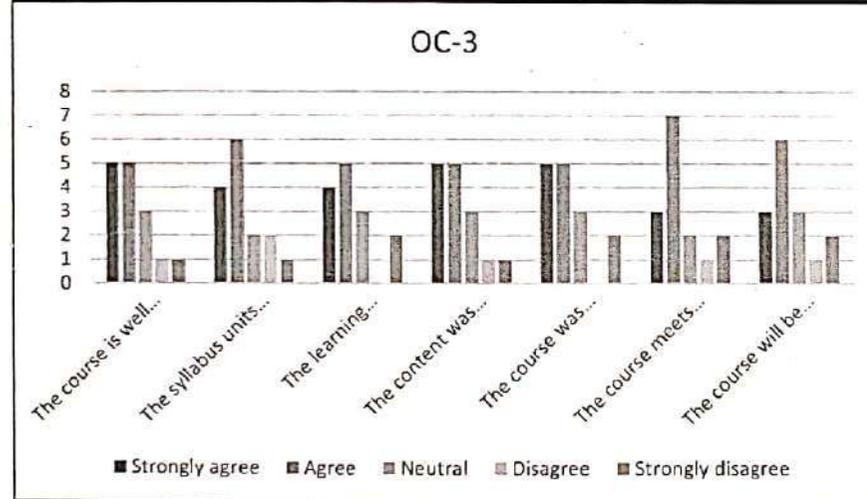
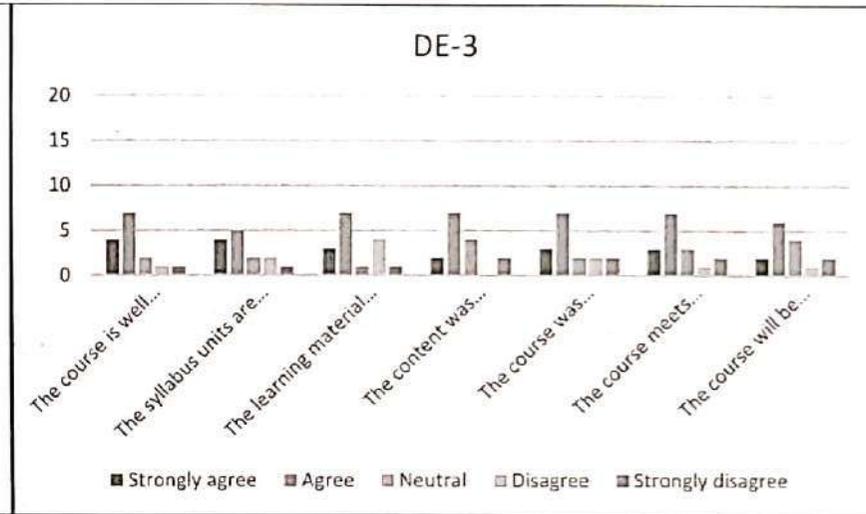
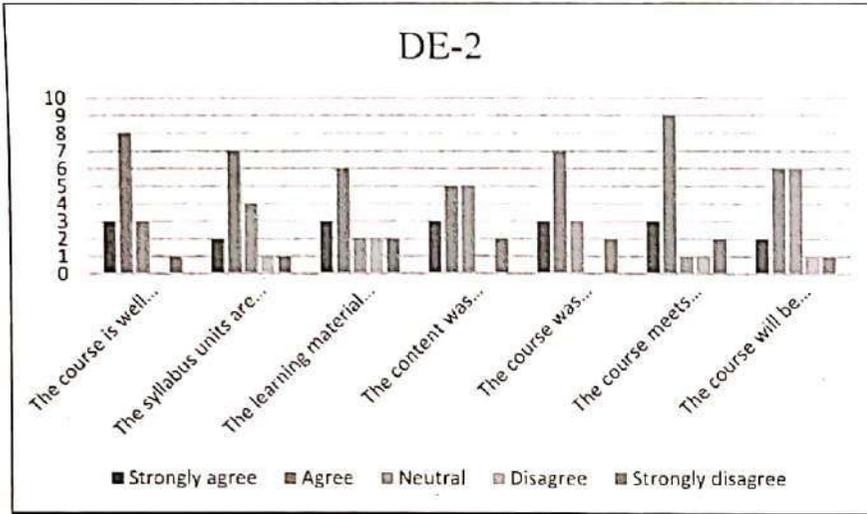
S. No.	Subject	Feedback	Action Taken
1	DE-2	For online mode you need proper camera, pen board system, sound and related accessories.	Digital writing pads has been given to all faculties to enhance the overall effectiveness of teaching.
2	DE-3	Units to be balanced	Unit contents is revised for 2021-22 admitted batch
3	OC-3	More choices for OC should be included.	Observation has been noted and will be discuss in the departmental meetings.
4	OC-4	Learning should be more practical	Offline class has been initiated with effect from Nov. 2021

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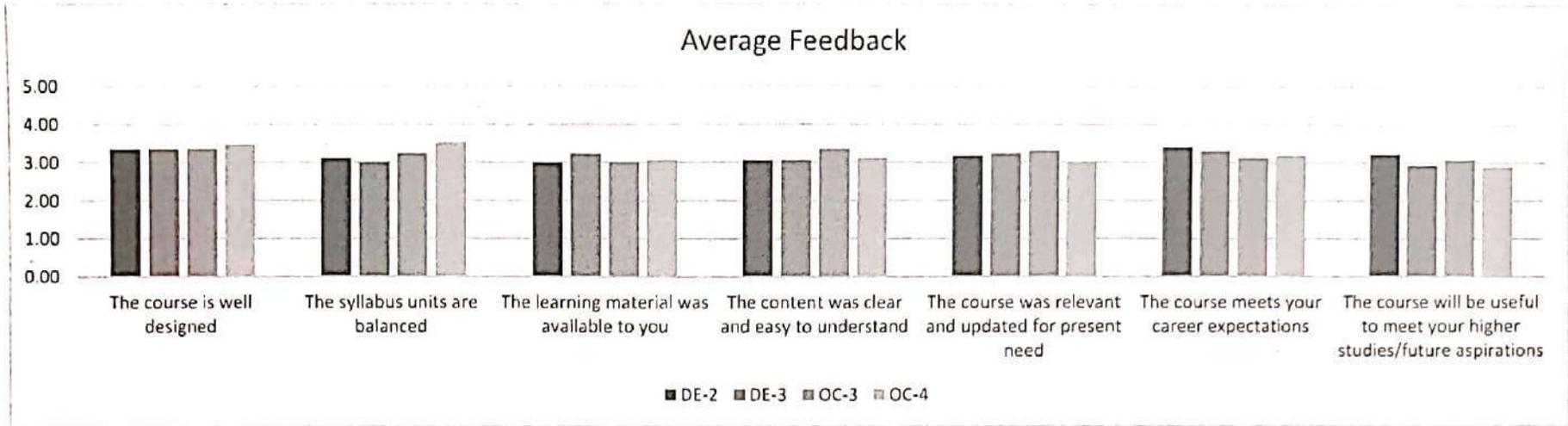


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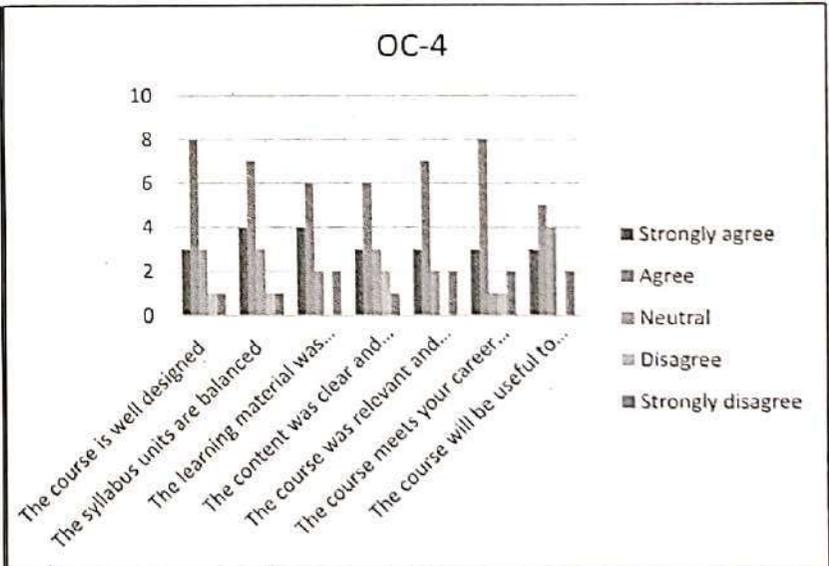
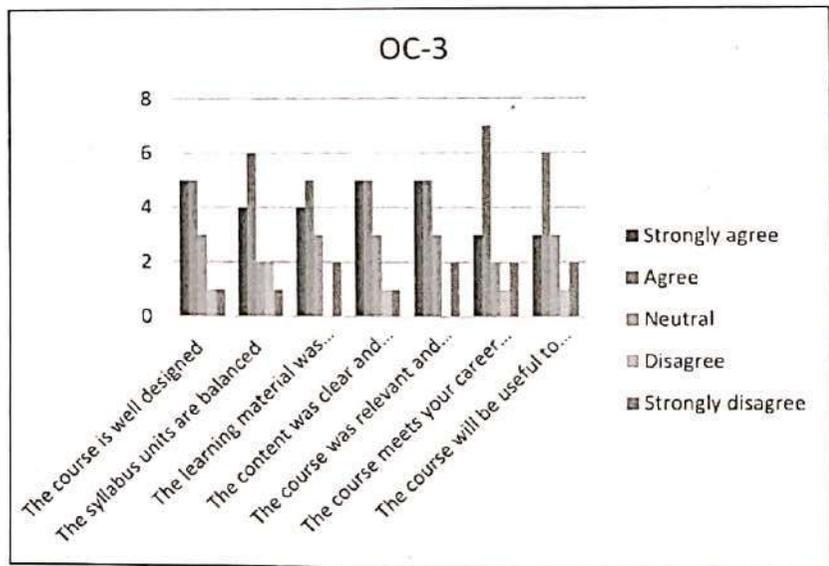
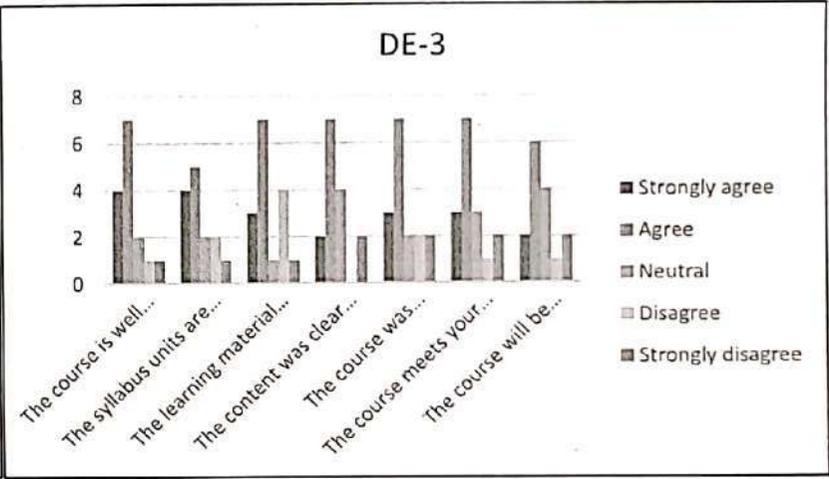
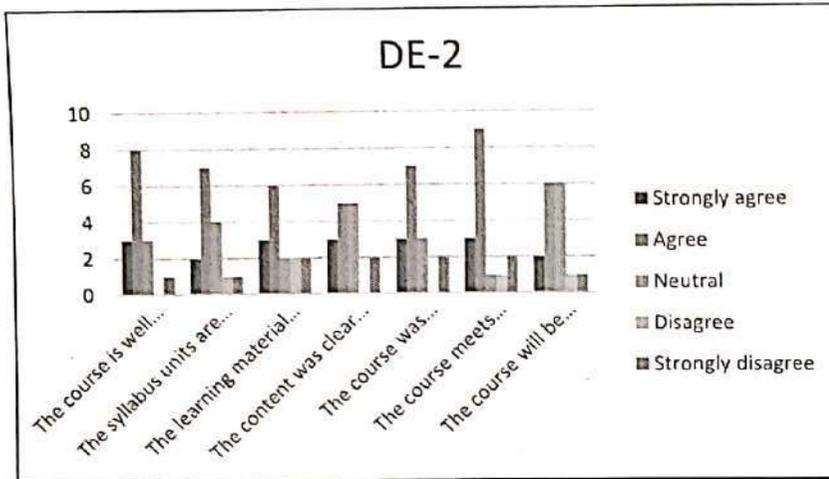


Average Feedback (Out of 5)				
Subject Code: ➔	DE-2	DE-3	OC-3	OC-4
The course is well designed	3.71	3.79	3.81	3.79
The syllabus units are balanced	3.71	3.71	3.81	3.76
The learning material was available to you	3.67	3.67	3.64	3.86
The content was clear and easy to understand	3.60	3.62	3.71	3.76
The course was relevant and updated for present need	3.57	3.62	3.67	3.79
The course meets your career expectations	3.69	3.69	3.79	3.86
The course will be useful to meet your higher studies/future aspirations	3.62	3.55	3.74	3.83

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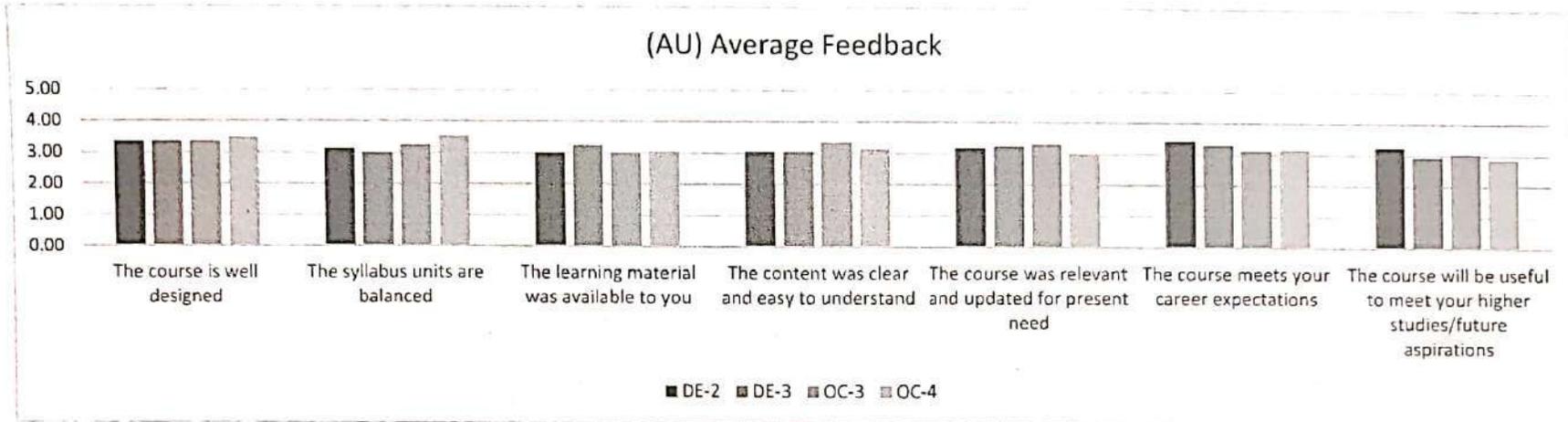


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Average Feedback (AU) (Out of 5)				
Subject Code: →	DE-2	DE-3	OC-3	OC-4
The course is well designed	3.35	3.35	3.35	3.47
The syllabus units are balanced	3.12	3.00	3.24	3.53
The learning material was available to you	3.00	3.24	3.00	3.06
The content was clear and easy to understand	3.06	3.06	3.35	3.12
The course was relevant and updated for present need	3.18	3.24	3.29	3.00
The course meets your career expectations	3.41	3.29	3.12	3.18
The course will be useful to meet your higher studies/future aspirations	3.24	2.94	3.06	2.88

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Teacher's Feedback on Curriculum

Action Taken on Teacher's Feedback

S.No.	Subject	Feedback	Action Taken
1	Mechanics of materials	Lab should be updated	Updated
2	Total Quality Management	More company and data base case studies to be considered. Management faculty, industry person etc. can share 2-3 unit's delivery.	Department has been taken initiatives to incorporate such activates through alumni and industries experts.
3	Thermal Engineering	Syllabus is good but can be revised as per the course track meet.	Syllabus is updated
4	Machine Design	1-2 units can be delivered by industry persons.	Department has been taken initiatives to incorporate such activates through alumni and industries experts.
5	Theory of machine	Lab should be updated	Updated.

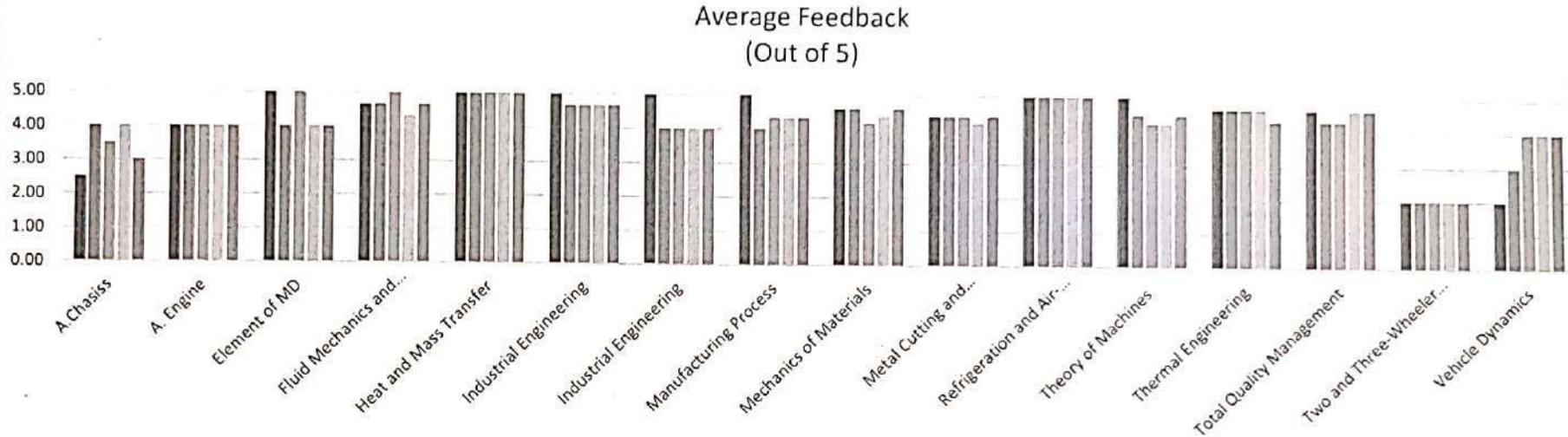
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- The availability of books & E-learning material in the institute is good
- The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.
- The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.
- The curriculum is capable of inculcating life-long learning abilities in students.

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Subject	The availability of books & E-learning material in the institute is good	The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	The curriculum is capable of inculcating life-long learning abilities in students.
Automotive Chassis	2.50	4.00	3.50	4.00	3.00
Automotive Engine	4.00	4.00	4.00	4.00	4.00
Element of MD	5.00	4.00	5.00	4.00	4.00
Fluid Mechanics and Hydraulic Machines	4.67	4.67	5.00	4.33	4.67
Heat and Mass Transfer	5.00	5.00	5.00	5.00	5.00
Industrial Engineering	5.00	4.67	4.67	4.67	4.67
Industrial Engineering	5	4	4	4	4
Manufacturing Process	5.00	4.00	4.33	4.33	4.33
Mechanics of Materials	4.60	4.60	4.20	4.40	4.60
Metal Cutting and Machine Tools	4.40	4.40	4.40	4.20	4.40
Refrigeration and Air-Conditioning	5.00	5.00	5.00	5.00	5.00
Theory of Machines	5.00	4.50	4.25	4.25	4.50
Thermal Engineering	4.67	4.67	4.67	4.67	4.33
Total Quality Management	4.67	4.33	4.33	4.67	4.67
Two and Three-Wheeler Technology	2	2	2	2	2
Vehicle Dynamics	2.00	3.00	4.00	4.00	4.00

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Alumni's Feedback on Curriculum

Action Taken on Alumni's Feedback

The feedback responses from alumni and action taken is illustrated in the following table:

S.No	Feedback	Action Taken
1	Recent technologies must be Include	In SKF lab, RAC Lab, latest equipment's are added, also advanced subjects are offered through departmental elective (DE)
2	There must be a career counselling session for the students	Career counselling session is continuously conducting by student counsellor, also in orientation program HoD, Senior faculty takes career counselling session.
3	Need more practical industry driven education and also need to add ethics-civics class in all branches.	Internship in industry is offered in Mechanical VIII sem, also ethical classes conducted under NSS.
4	Support and motivate student ideas	There is a startup cell, which promote students' ideas and give platform for enhancement their ideas.
5	Atleast call some mechanical companies for campus placement.	Working on this field.
6	Please provide placement opportunities in core mechanical sector.	Departmental level placement committee is formed, which will look the placement of students in core companies.
7	Practical exposure is very less. Collage not provide any campus recruitment or internship opportunity.	6 month Internship opportunity is providing in VIII sem .

M P.K. [Signature] [Signature] [Signature] [Signature] [Signature] [Signature] [Signature] [Signature]

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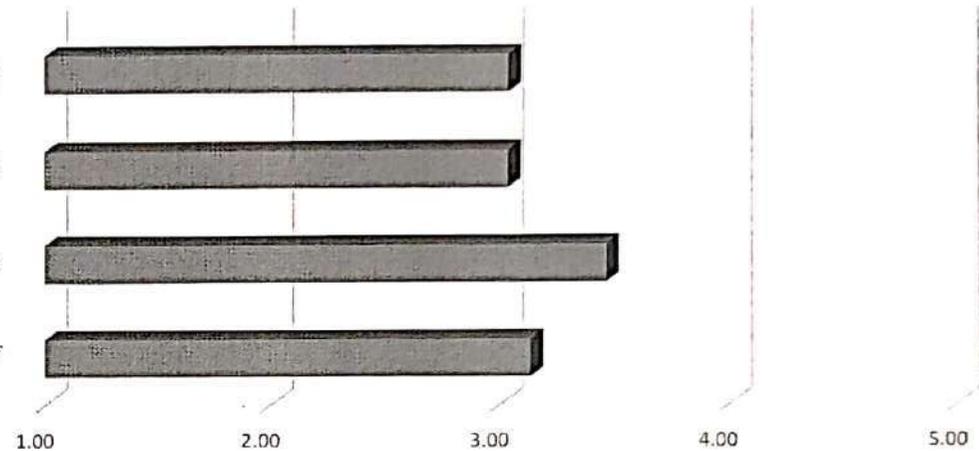
Average Feedback out of 5

Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams?

Are you able to apply, analyze, design and create products and solutions for real life Mechanical Engineering problems?

Do you feel that you are capable of learning new things in the constantly changing technological world?

Do you find yourself capable of making a good career ?



Average Feedback (Out of 5)	
Do you find yourself capable of making a good career?	3.13
Do you feel that you are capable of learning new things in the constantly changing technological world?	3.47
Are you able to apply, analyze, design and create products and solutions for real life Mechanical Engineering problems?	3.03
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams?	3.03

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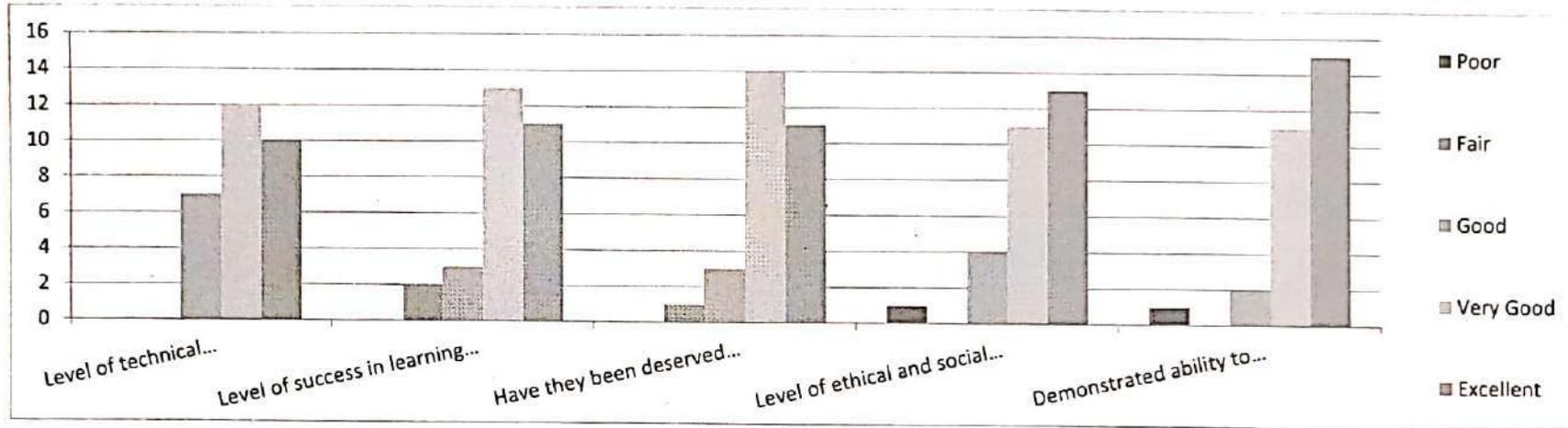
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Employer Feedback on Curriculum

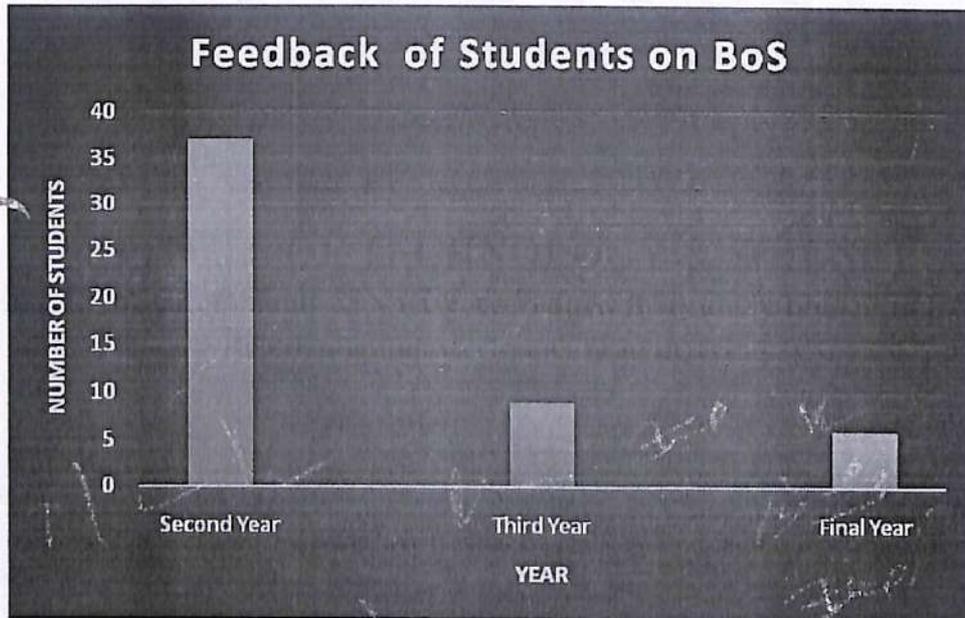


SUMMARY SHEET (Employer Satisfaction Survey) Sample Size : 29

Parameter (Average Grading)	Poor	Fair	Good	Very Good	Excellent	Employer Satisfaction Index
Level of technical contribution	0	0	7	12	10	4.10
Level of success in learning new areas, engaging in professional development, and adapting to technological change	0	2	3	13	11	4.14
Have they been deserved for elevation to higher level ?	0	1	3	14	11	4.21
Level of ethical and social responsibility	1	0	4	11	13	4.21
Demonstrated ability to work well on a team	1	0	2	11	15	4.34
Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)						

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The below graph shows the number of students who gave feedback/suggestions on the Course Content.

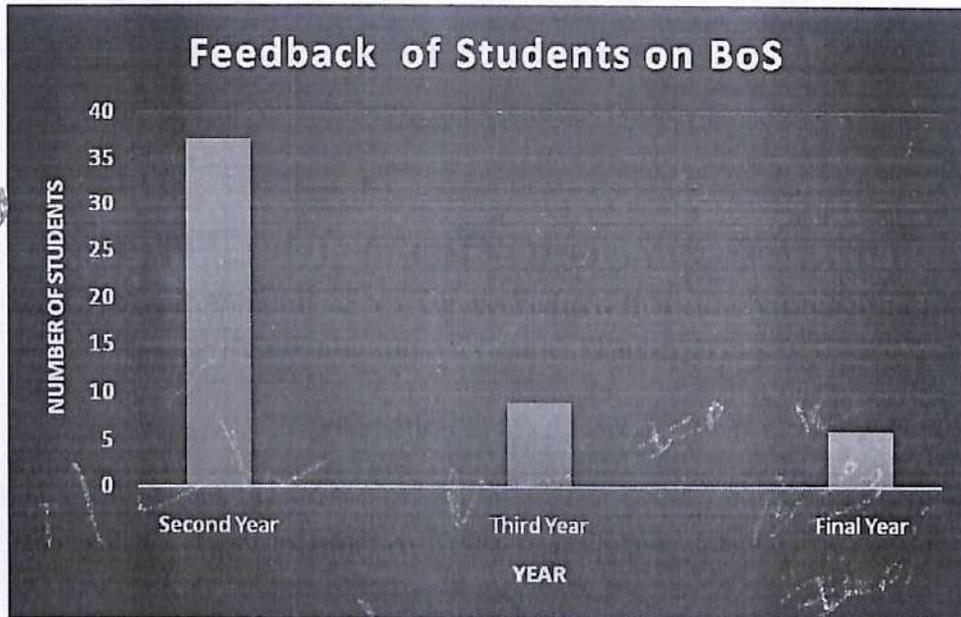


FEEDBACK AND SUGGESTIONS OF STUDENTS TO BE CONSIDERED FOR BOARD OF STUDIES

1. Vibration and noise control is a tough subject, many students are not able to grasp the contents of the syllabus, we would like to have some innovative and interactive sessions so that the topics that are difficult could be understood. For automobile engineering I would like to suggest that we should be keeping some hands on round or practical sessions to get a better understanding. For advanced welding technology it would be better if we could get more lecture periods so that the programming part can be covered.
2. For Honors through NPTEL there should be subjects that are less time consuming and easier to understand because in 4th year we have a lot of things to focus on, and it would not be possible to give a lot of time for watching the video lectures and solving assignments.
3. Syllabus of 190403 thermodynamics is too lengthy and difficult.
4. Though advanced production technology is a very interesting subject and the teacher allotted is also good, but the number of lectures we got per week for this subject is 3, which I felt were insufficient, as the programming part of apt is tough and needs time which we fell short of. Plus no online sessions of this subject are being taken and students are lagging.
5. Manufacturing processes- theory part must be decreased

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The below graph shows the number of students who gave feedback/suggestions on the Course Content.



FEEDBACK AND SUGGESTIONS OF STUDENTS TO BE CONSIDERED FOR BOARD OF STUDIES

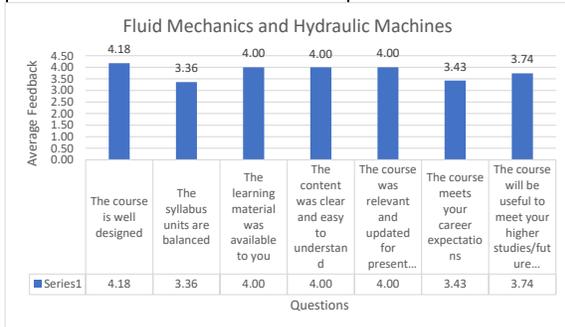
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DEPARTMENT OF MECHANICAL ENGINEERING
 To review curricula feedback from various stakeholders, its analysis and impact
STUDENT FEEDBACK ON CURRICULUM

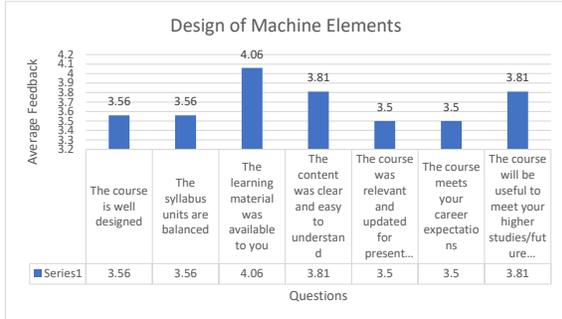
July 2020 to December 2020	3rd Semester	5th Semester	7th Semester		
Number of Registered Students	142	132	135		
Number of Feedback given	40	68	69		
	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
3rd Semester	23	15	1	1	0
5th Semester	30	35	2	1	0
7th Semester	37	27	3	2	0

FLUID MECHANICS AND HYDRAULIC MACHINES	
Questions	Average Feedback (Out of 5)
The course is well designed	4.18
The syllabus units are balanced	3.36
The learning material was available to you	4.00
The content was clear and easy to understand	4.00
The course was relevant and updated for present needs	4.00
The course meets your career expectations	3.43
The course will be useful to meet your higher studies/future aspirations.	3.74

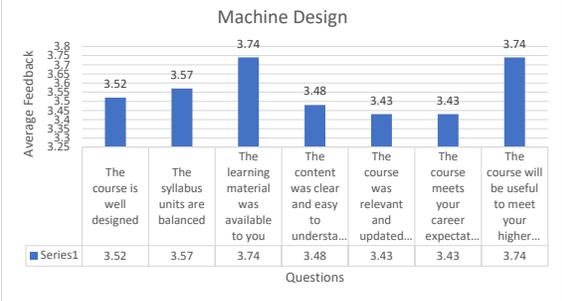



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Design of Machine Elements	
Questions	Average Feedback (Out of 5)
The course is well designed	3.56
The syllabus units are balanced	3.56
The learning material was available to you	4.06
The content was clear and easy to understand	3.81
The course was relevant and updated for present needs	3.5
The course meets your career expectations	3.5
The course will be useful to meet your higher studies/future aspirations.	3.81

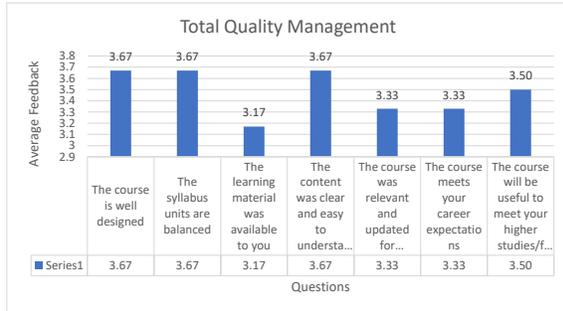


Machine Design	
Questions	Average Feedback (Out of 5)
The course is well designed	3.52
The syllabus units are balanced	3.57
The learning material was available to you	3.74
The content was clear and easy to understand	3.48
The course was relevant and updated for present needs	3.43
The course meets your career expectations	3.43
The course will be useful to meet your higher studies/future aspirations.	3.74

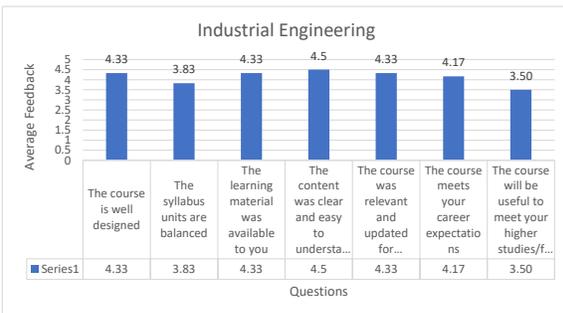


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Total Quality Management	
Questions	Average Feedback (Out of 5)
The course is well designed	3.67
The syllabus units are balanced	3.67
The learning material was available to you	3.17
The content was clear and easy to understand	3.67
The course was relevant and updated for present needs	3.33
The course meets your career expectations	3.33
The course will be useful to meet your higher studies/future aspirations.	3.50

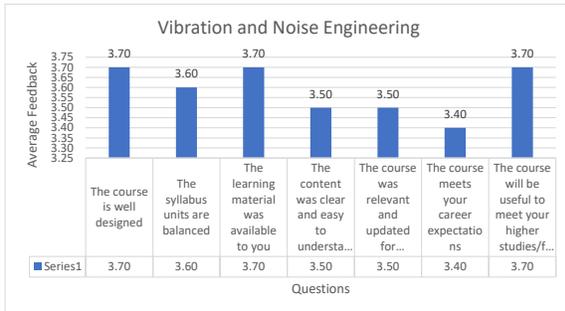


Industrial Engineering	
Questions	Average Feedback (Out of 5)
The course is well designed	4.33
The syllabus units are balanced	3.83
The learning material was available to you	4.33
The content was clear and easy to understand	4.5
The course was relevant and updated for present needs	4.33
The course meets your career expectations	4.17
The course will be useful to meet your higher studies/future aspirations.	3.50

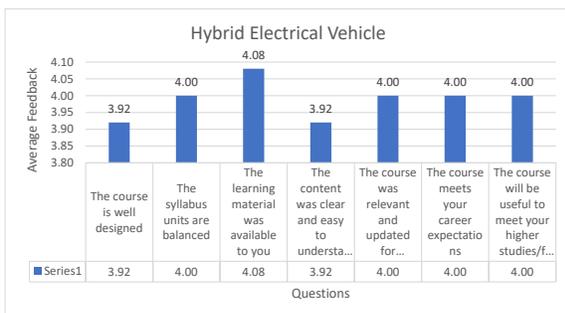


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Vibration and Noise Engineering	
Questions	Average Feedback (Out of 5)
The course is well designed	3.70
The syllabus units are balanced	3.60
The learning material was available to you	3.70
The content was clear and easy to understand	3.50
The course was relevant and updated for present needs	3.50
The course meets your career expectations	3.40
The course will be useful to meet your higher studies/future aspirations.	3.70

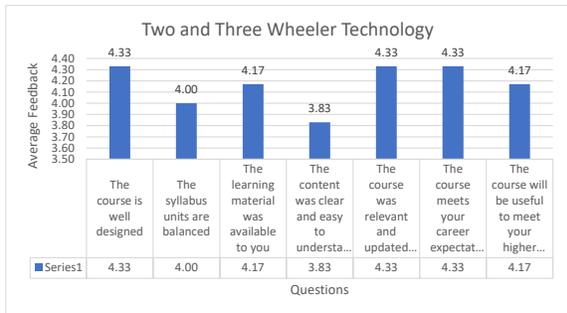


Hybrid Electrical Vehicle	
Questions	Average Feedback (Out of 5)
The course is well designed	3.92
The syllabus units are balanced	4.00
The learning material was available to you	4.08
The content was clear and easy to understand	3.92
The course was relevant and updated for present needs	4.00
The course meets your career expectations	4.00
The course will be useful to meet your higher studies/future aspirations.	4.00




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Two and Three Wheeler Technology	
Questions	Average Feedback (Out of 5)
The course is well designed	4.33
The syllabus units are balanced	4.00
The learning material was available to you	4.17
The content was clear and easy to understand	3.83
The course was relevant and updated for present needs	4.33
The course meets your career expectations	4.33
The course will be useful to meet your higher studies/future aspirations.	4.17



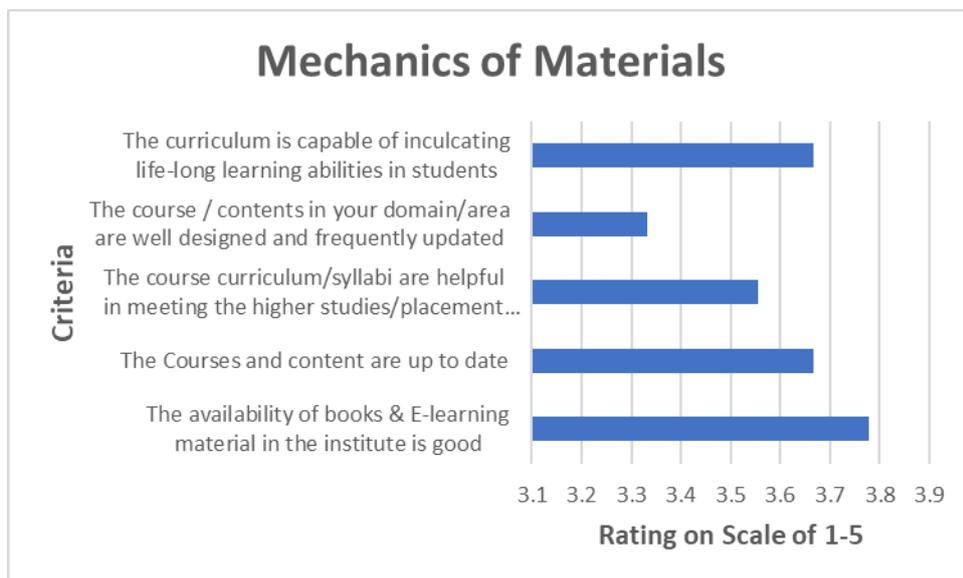
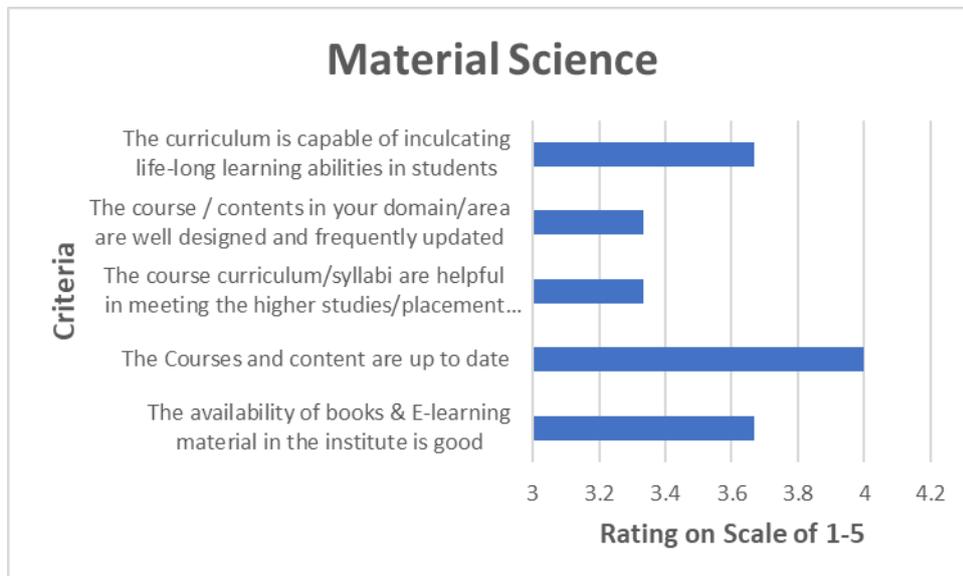
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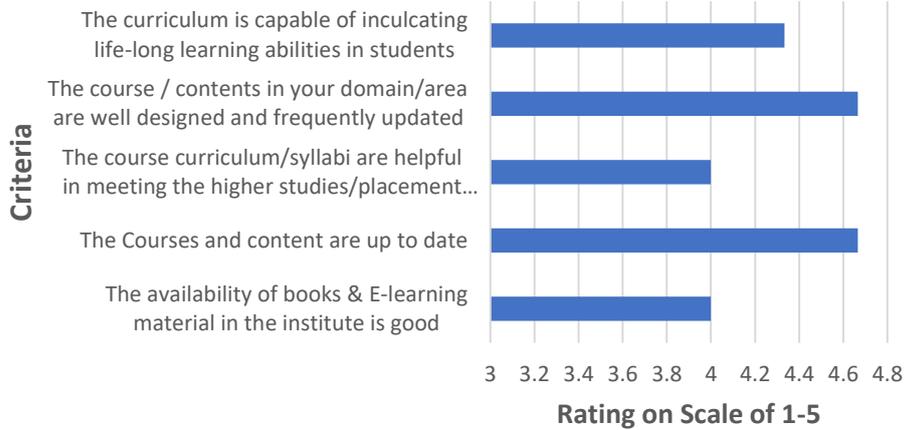
DEPARTMENT OF MECHANICAL ENGINEERING

TEACHER'S COURSE FEEDBACK

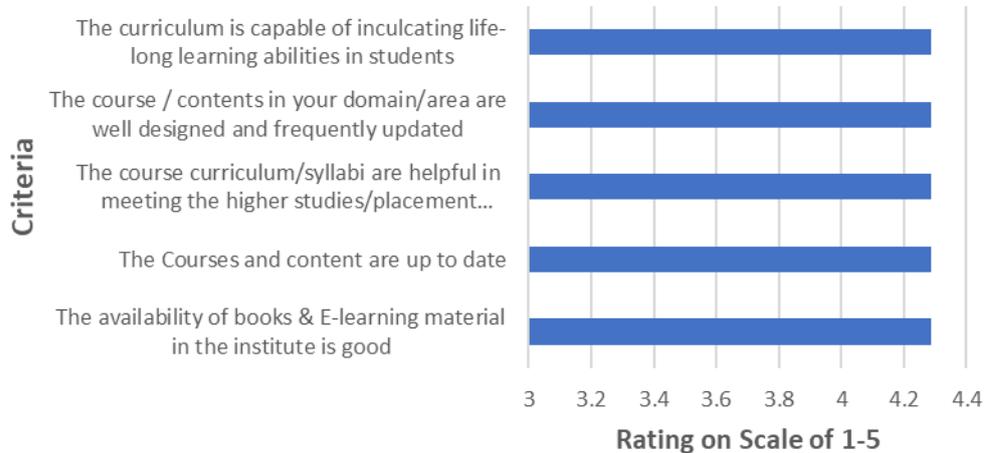



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Theory of Machines - I

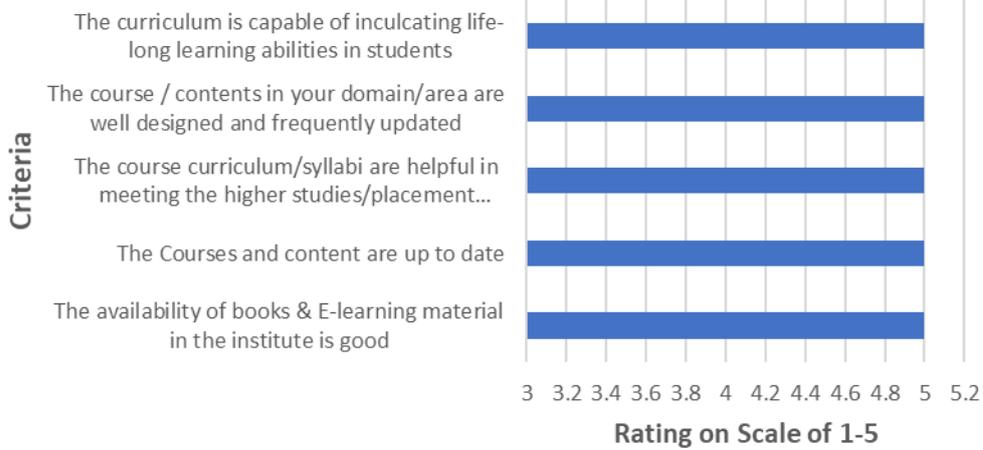


Fluid Mechanics and Hydraulic Machines

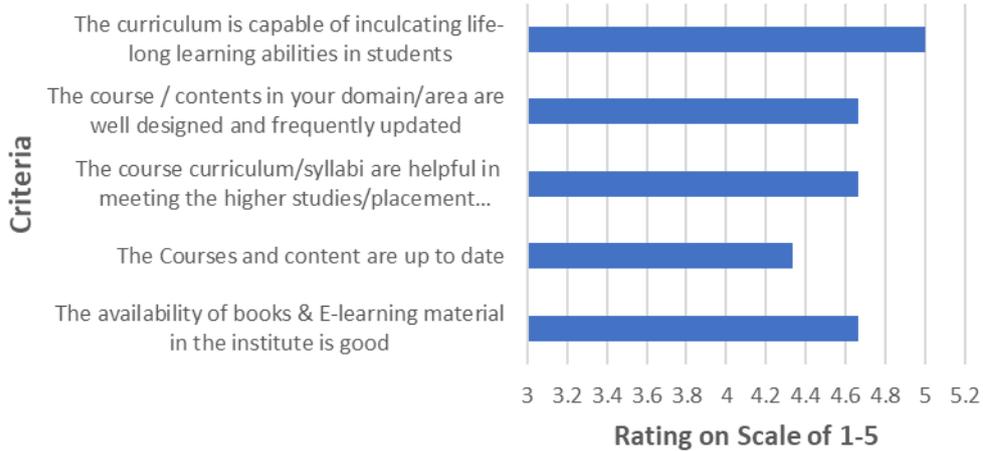


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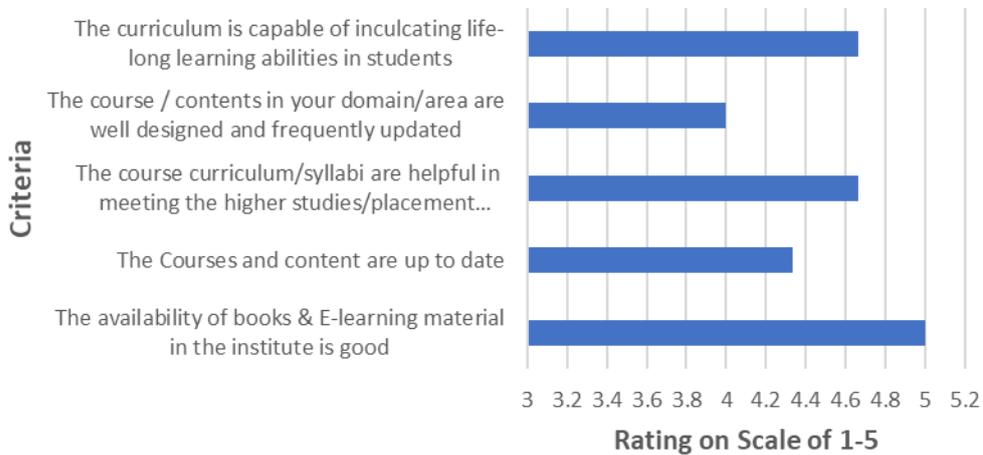
Automotive Engines



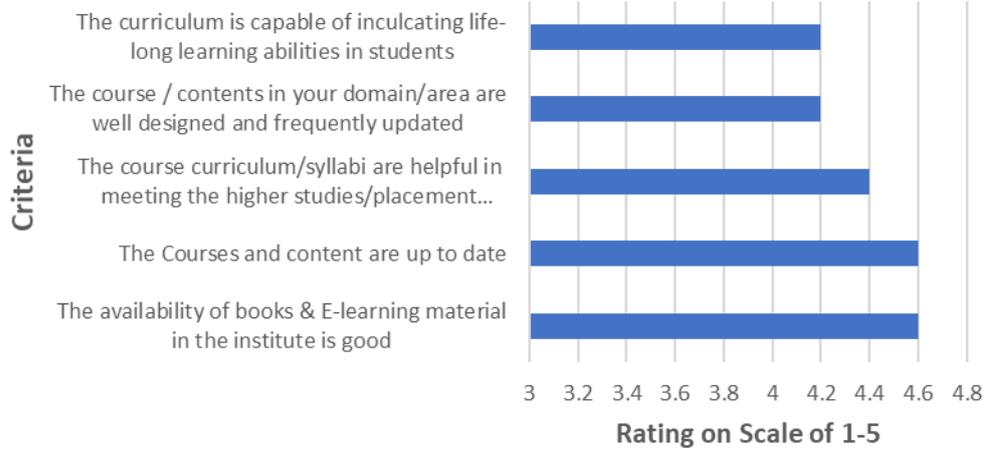
Theory of Machines –II



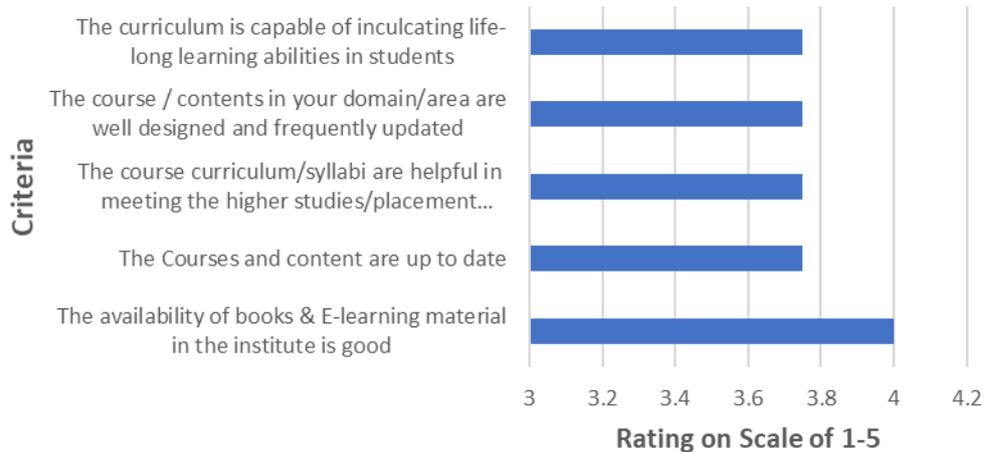
Design of Machine Elements



Manufacturing Process

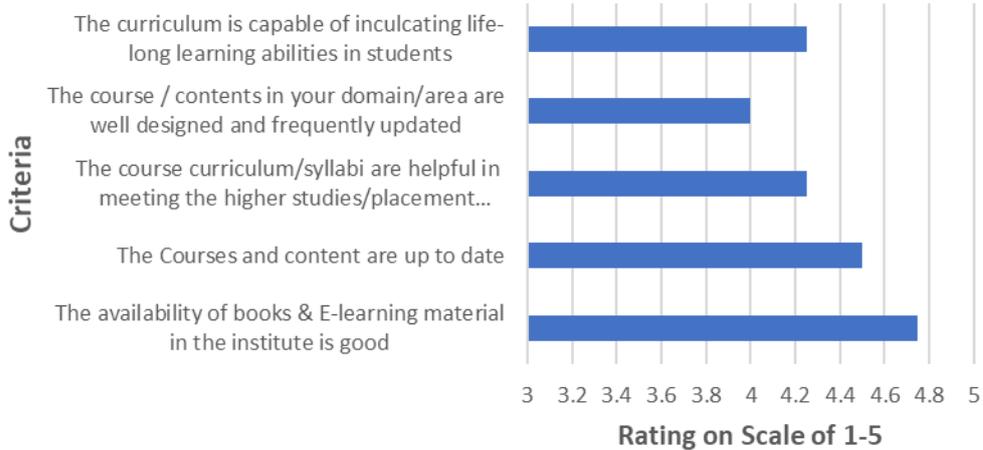


Engineering Thermodynamics

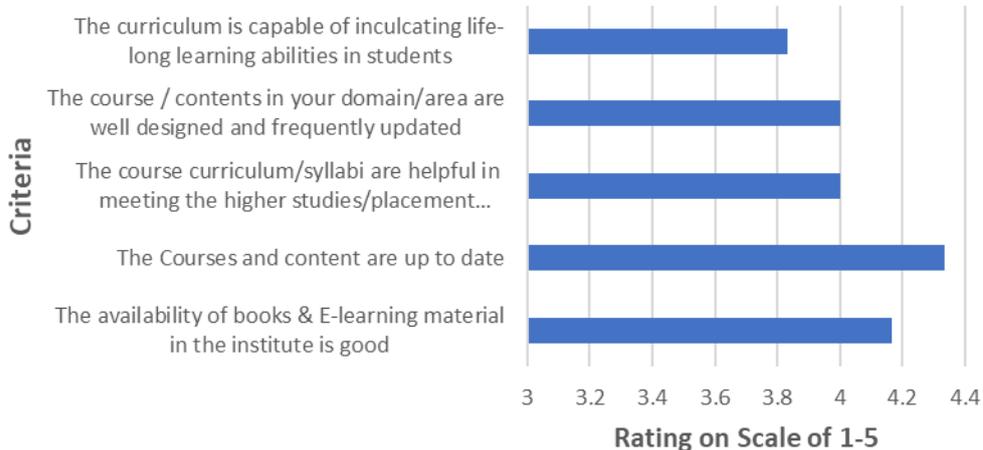


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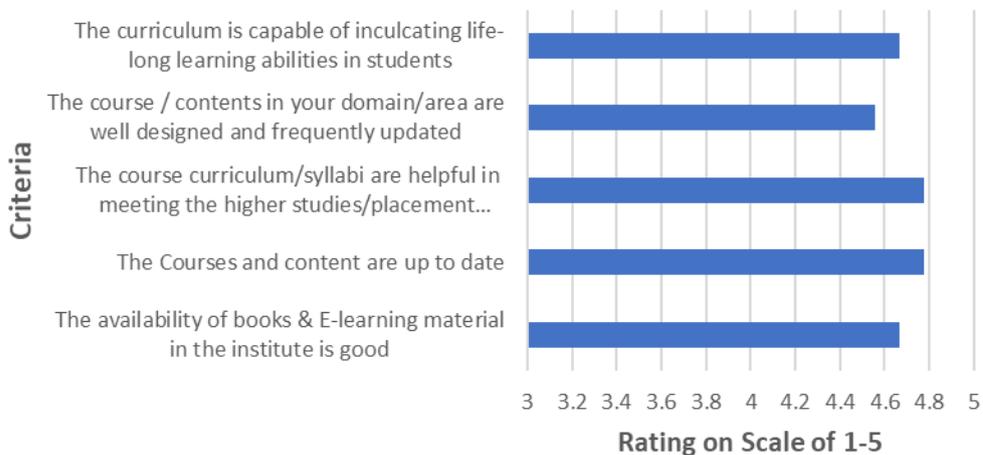
Industrial Engineering



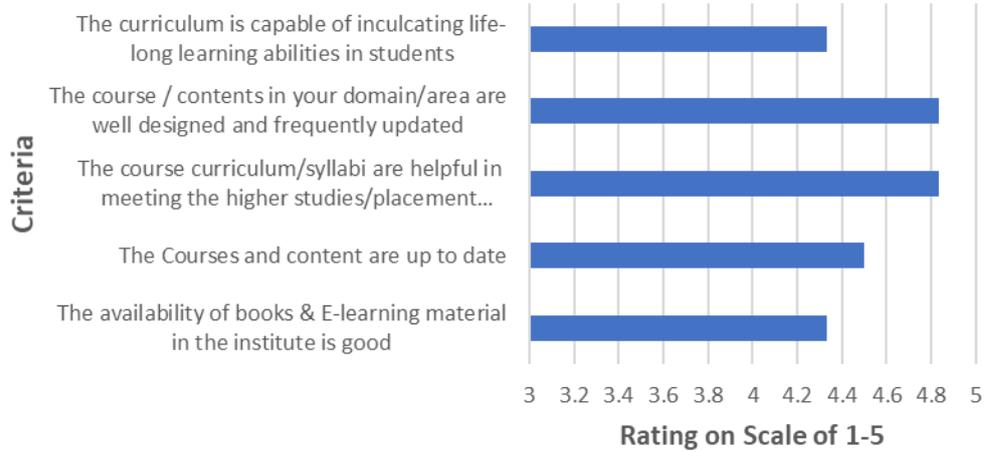
Metal cutting and machine tools



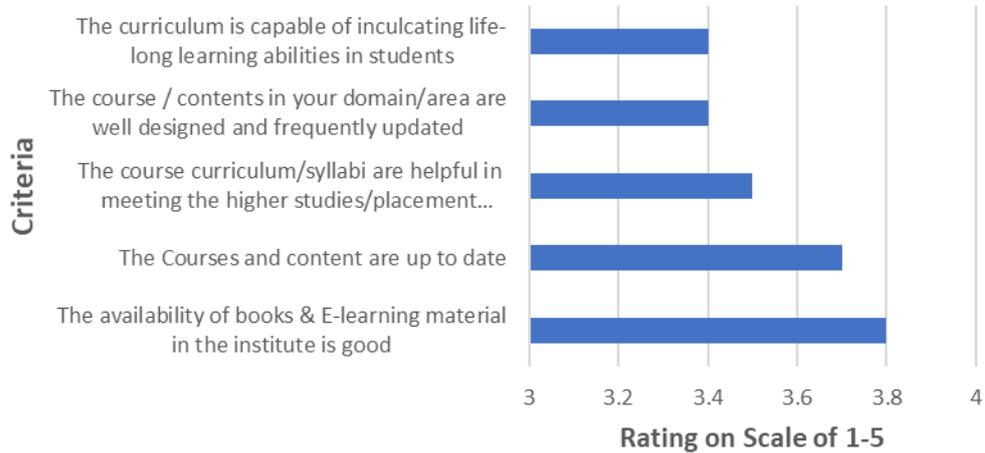
Heat & Mass Transfer



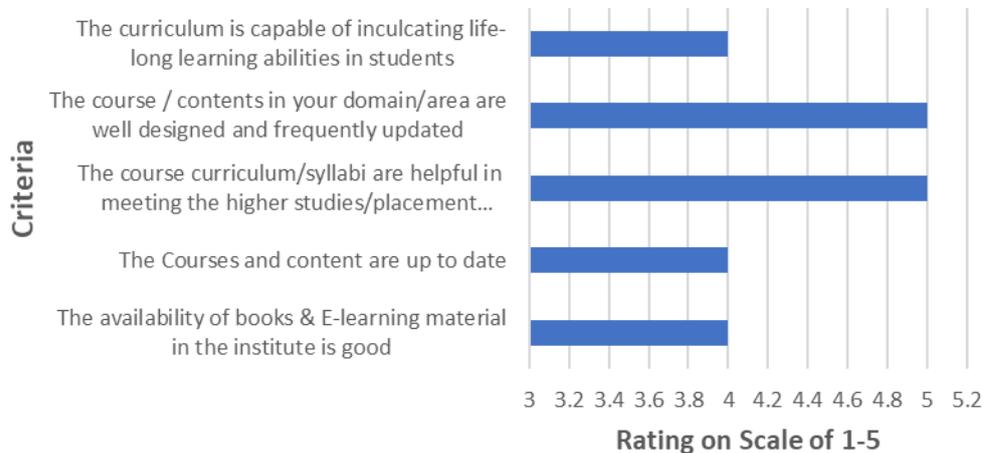
Thermal Engineering



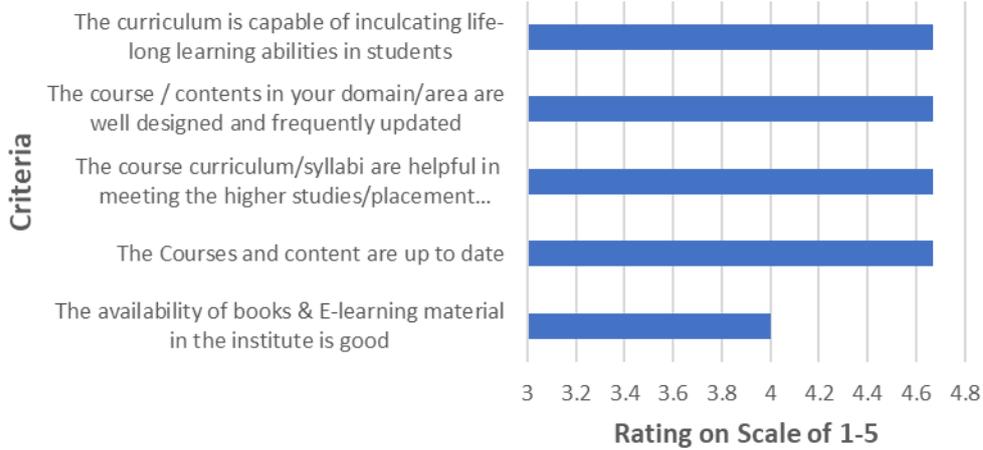
Machine Design



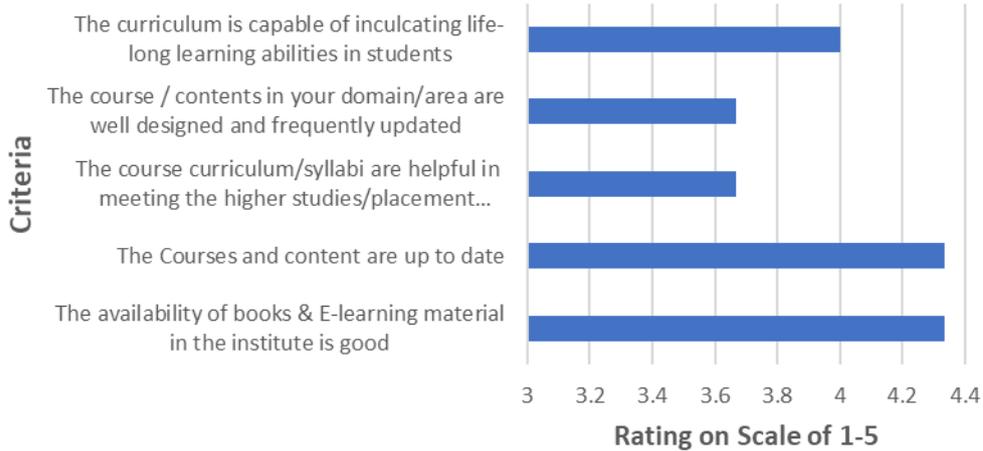
Advance Production Technology



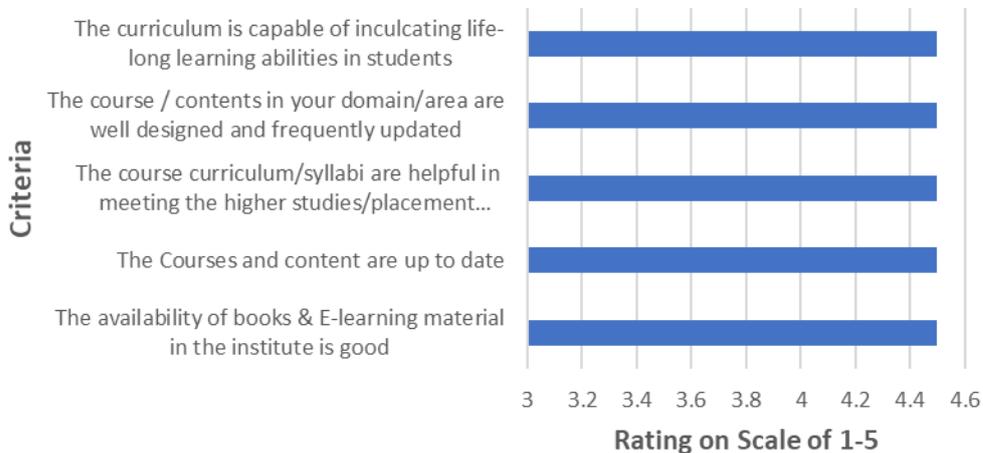
Refrigeration and Air-Conditioning



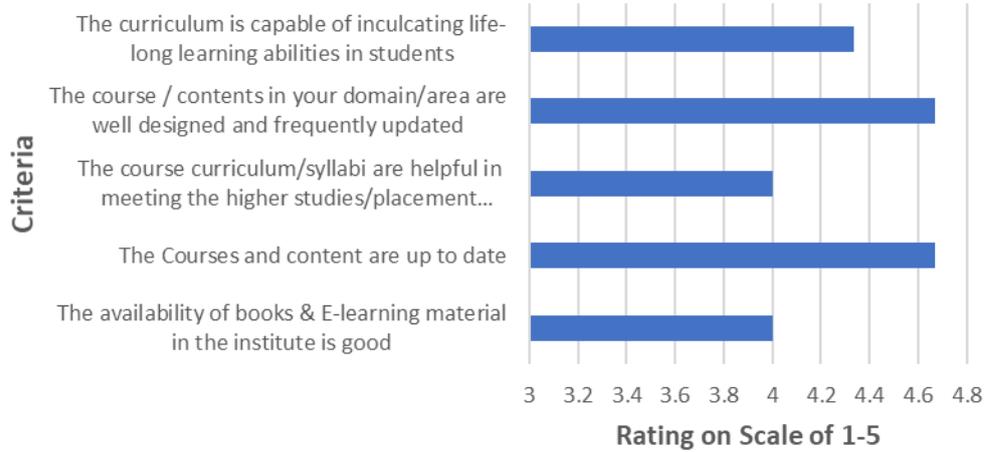
Design of machine elements



Automotive Transmission

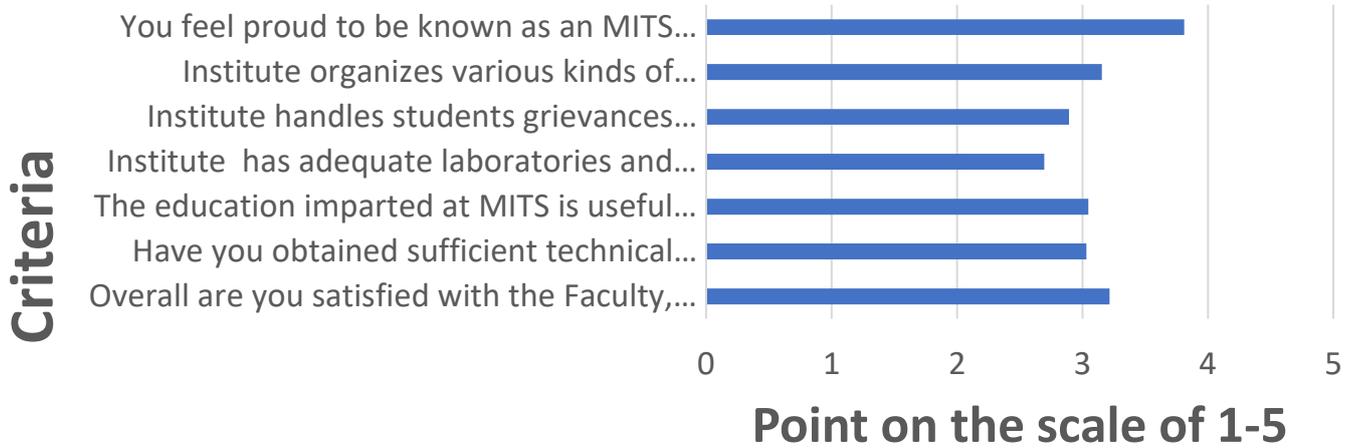


Robotics & Control



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Alumni Satisfaction Survey



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Department of Mechanical Engineering

ACTION TAKEN ON STUDENT FEEDBACK ON CURRICULUM

Jan 2019 to June 2019

1. Mentors were allotted to students for selection of Minor Specialization.
2. Artificial Intelligence, Machine Learning, and some advance subjects of Thermal Engineering and Design Engineering were also offered to students through online platform (NPTEL).
3. Total Quality Management and Project Management were also made the part of Departmental Elective.

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Department of Mechanical Engineering

July 2019 to Dec 2019

1. Additive Manufacturing as a Unit was added in the course Advance Production Technology (120601).
2. Department Electives to be offered from a pool of Thermal, Design and Production Engineering Subjects.
3. Management related subjects were included in Minor Specialization.

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Department of Mechanical Engineering

STUDENTS SUGGESTION ON CURRICULUM

1. There shall be a provision of flexible curriculum.
2. Teaching -Learning shall be more effective and student centric.
3. The syllabus related to competitive examination of Mechanical Engineering shall also be included.
4. Some higher end courses shall also become a part of curriculum.

ACTION TAKEN ON STUDENT FEEDBACK ON CURRICULUM

July 2017 to July 2018

1. Flexible Scheme was adopted as per the AICTE mandate to provide more flexibility to the students in the form of Departmental Elective and Open Category Courses.
2. Implementation of Outcome Based Education (OBE) for making teaching learning process more student centric.
3. Syllabus of Basic Mechanical Engineering, Engineering Graphics, Material Science and Mechanics of Material were made equivalent for the batched admitted before 2017.
4. Syllabus of various competitive examinations pertaining to Mechanical Engineering were made the part of Departmental Core and the advance portion were offered under the Departmental Electives.
5. Some of the Departmental Electives and Open Category courses were made mandatory through online platform that is NPTEL, SWAYAM.



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Department of Mechanical Engineering

STUDENTS SUGGESTION ON CURRICULUM

1. There shall be some guide to help for Minor specialization.
2. Some advanced core subjects and subjects like Artificial Intelligence and Machine Learning shall be made a part of Curriculum.
3. Subjects like Project Management shall be introduced.

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