

NAAC Criterion-I

Curricular Aspects

Key Indicator -1.4 Feedback System

Sub-Criteria -1.4.2

Feedback collected, Analysed and Action Taken Report



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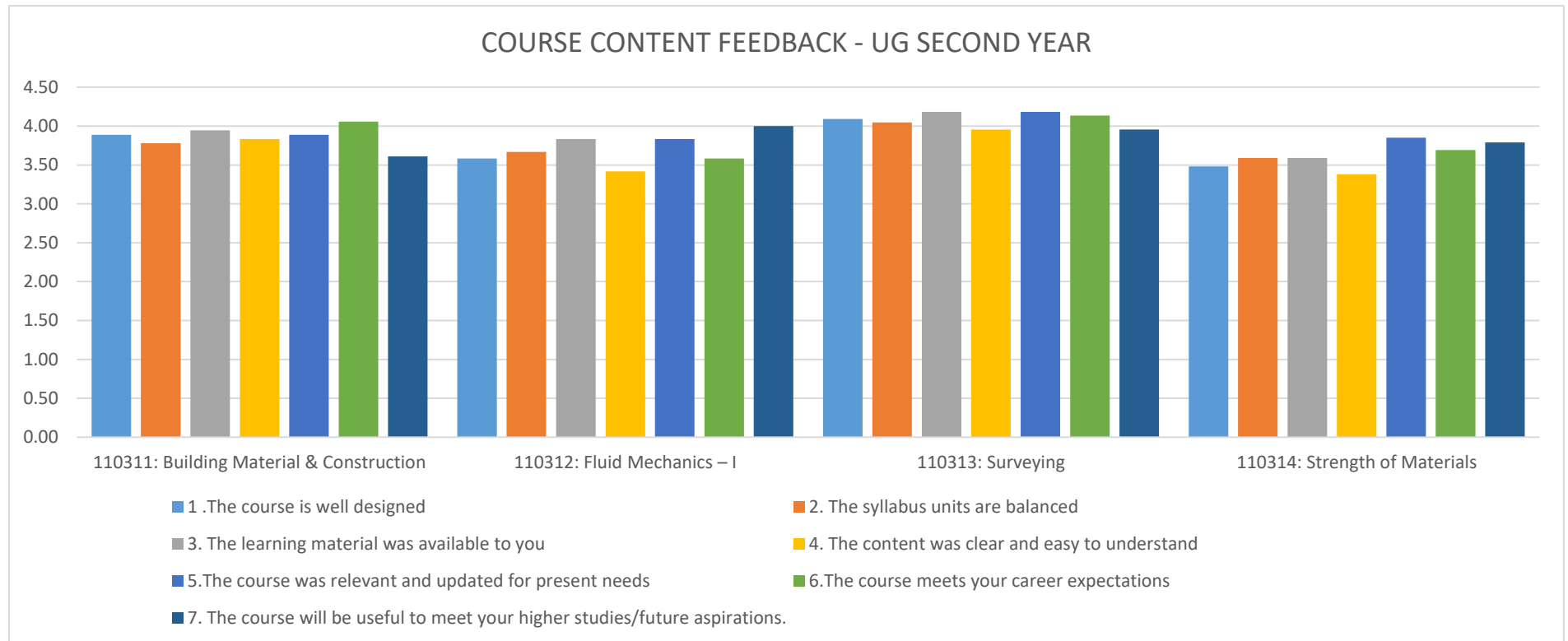
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Gola ka Mandir, Gwalior - 474005, Madhya Pradesh, India

Sr.No.	Evidence/proof/Additional Information		
1.	Structured Feedback Analysis and Action Taken Reports		
	S.No.	Department Name	Page No.
	1.	Civil Engineering	1
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CURRICULUM FEEDBACK ANALYSIS FROM STAKEHOLDERS

A1. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Second Year) – Dec 2021



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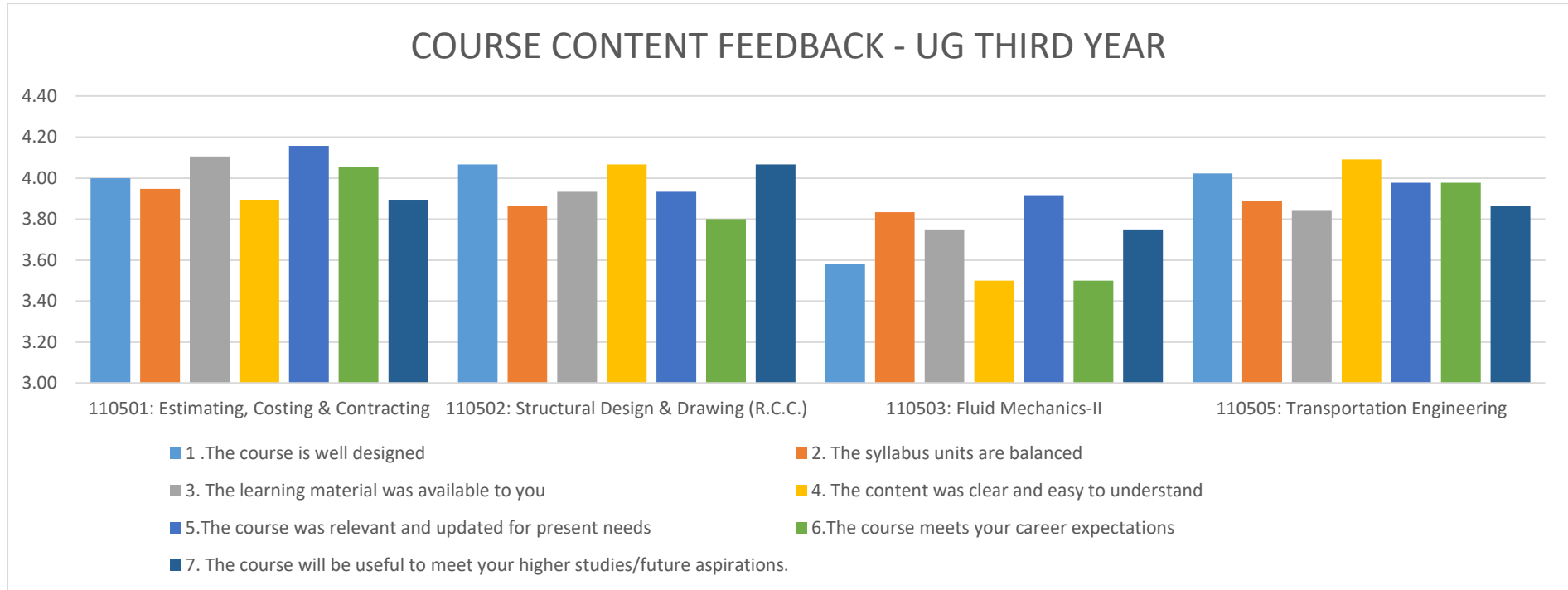
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	110311	110312	110313	110314
1 .The course is well designed	3.89	3.58	4.09	3.48
2. The syllabus units are balanced	3.78	3.67	4.05	3.59
3. The learning material was available to you	3.94	3.83	4.18	3.59
4. The content was clear and easy to understand	3.83	3.42	3.95	3.38
5.The course was relevant and updated for present needs	3.89	3.83	4.18	3.85
6.The course meets your career expectations	4.06	3.58	4.14	3.69
7. The course will be useful to meet your higher studies/future aspirations.	3.61	4.00	3.95	3.79

Subjects	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
110311: Building Material & Construction	Staircases	Building Designing, Admixtures	Software, Concrete Technology
110312: Fluid Mechanics – I	No	Give practical examples for well understanding and visualize	Yes

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A2. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Third Year) – Dec 2021



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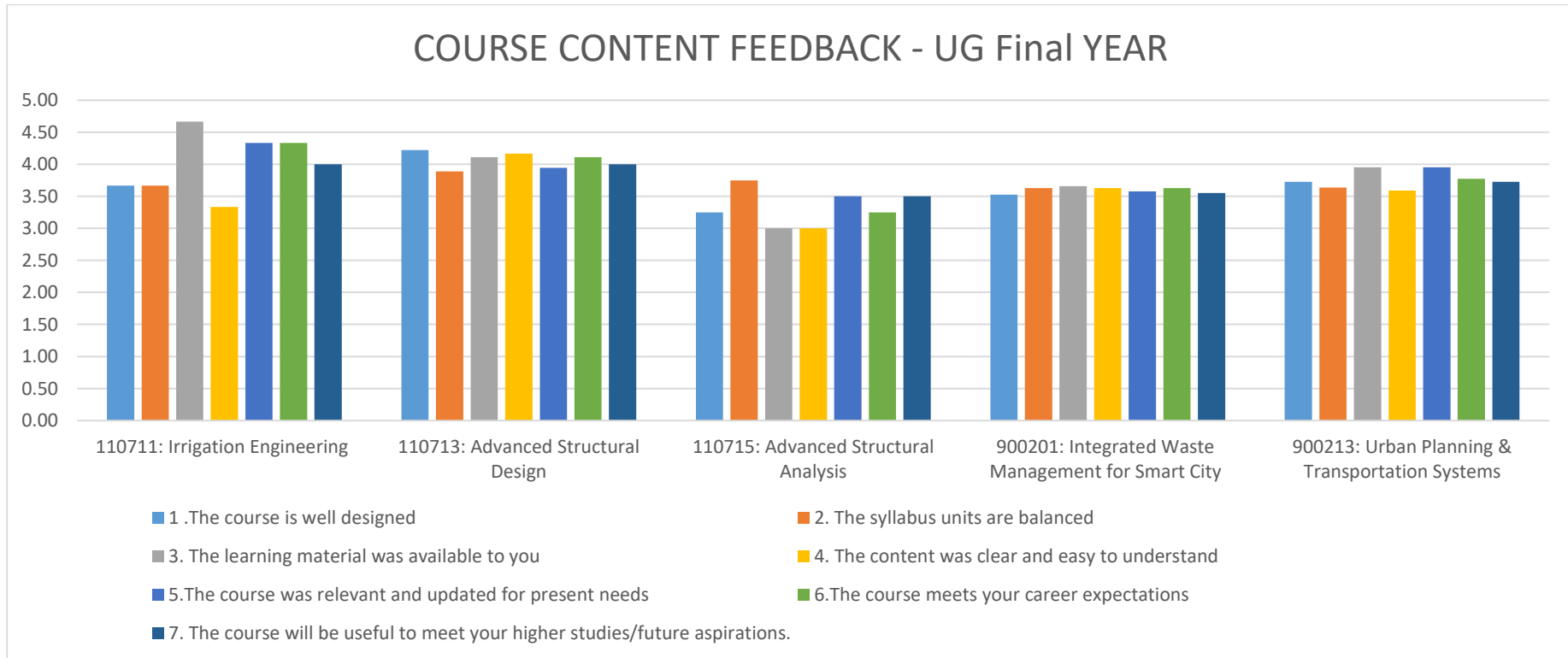
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	110501: Estimating, Costing & Contracting	110502: Structural Design & Drawing (R.C.C.)	110503: Fluid Mechanics- II	110505: Transportation Engineering
1 .The course is well designed	4.00	4.07	3.58	4.02
2. The syllabus units are balanced	3.95	3.87	3.83	3.89
3. The learning material was available to you	4.11	3.93	3.75	3.84
4. The content was clear and easy to understand	3.89	4.07	3.50	4.09
5.The course was relevant and updated for present needs	4.16	3.93	3.92	3.98
6.The course meets your career expectations	4.05	3.80	3.50	3.98
7. The course will be useful to meet your higher studies/future aspirations.	3.89	4.07	3.75	3.86

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
None	Fluid Mechanics	No

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A3. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Final Year) – Dec 2021



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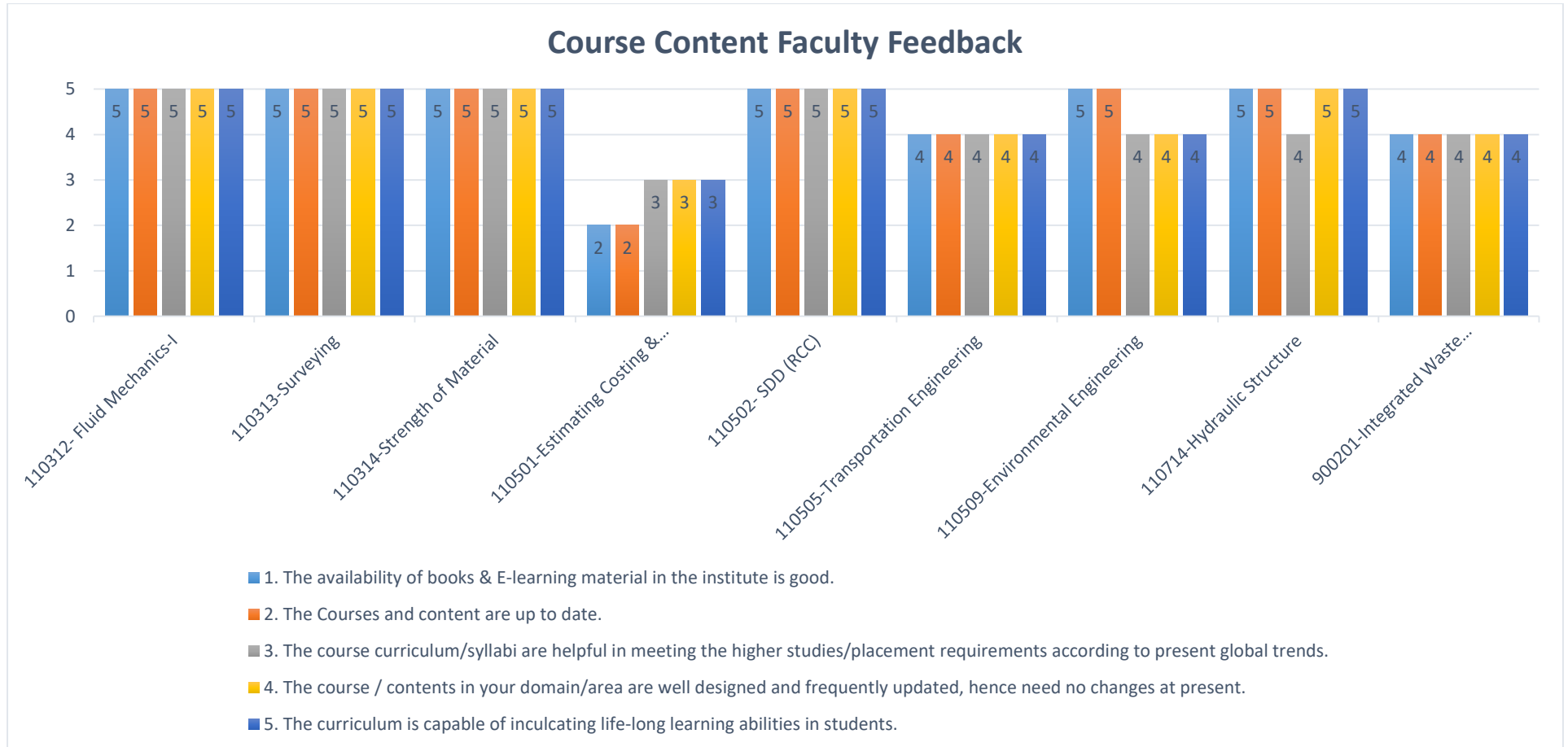
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	110711: Irrigation Engineering	110713: Advanced Structural Design	110715: Advanced Structural Analysis	900201: Integrated Waste Management for Smart City	900213: Urban Planning & Transportation Systems
1 .The course is well designed	3.67	4.22	3.25	3.53	3.73
2. The syllabus units are balanced	3.67	3.89	3.75	3.63	3.64
3. The learning material was available to you	4.67	4.11	3.00	3.66	3.95
4. The content was clear and easy to understand	3.33	4.17	3.00	3.63	3.59
5.The course was relevant and updated for present needs	4.33	3.94	3.50	3.58	3.95
6.The course meets your career expectations	4.33	4.11	3.25	3.63	3.77
7. The course will be useful to meet your higher studies/future aspirations.	4.00	4.00	3.50	3.55	3.73

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
None	None	None

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B. FACULTY FEEDBACK ANALYSIS ON COURSE CONTENT – Dec 2021



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Select your course	Select your Subject	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.
B. Tech	110311- Building Material & Construction	5	5	4	5	5
B. Tech	110312- Fluid Mechanics-I	5	5	5	5	5
B. Tech	110313- Surveying	5	5	5	5	5
B. Tech	110314- Strength of Material	5	5	5	5	5
B. Tech	110501- Estimating, Costing & Contracting	2	2	3	3	3
B. Tech	110502- Structural Design & Drawing (R.C.C.)	5	5	5	5	5
B. Tech	110505- Transportation Engineering	4	4	4	4	4
B. Tech	110509- Environmental Engineering	5	5	4	4	4
B. Tech	110714-Hydraulic Structure	5	5	4	5	5
B. Tech	900201-Integrated Waste Management for Smart City	4	4	4	4	4

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Inputs received from Faculty:

Course level	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.	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]	5. The curriculum is capable of inculcating life-long learning abilities in students.	6. The environment of department/institute is conducive for innovative teaching and research.	7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth.
B. Tech	110311 Building Material & Construction						Yes	Yes
B. Tech	110312 Fluid Mechanics-I							
B. Tech	110313 Surveying						Very good	Yes
B. Tech	110314 Strength of Material						Very conducive	Yes
B. Tech	110502 Structural Design & Drawing (RCC)						Yes	
B. Tech	110509 Environmental Engineering			More practical and field exposure is require in civil engineering field	Basic course on Engineering Geology must be included at 2nd year level		Facilities are available but supporting staff (lab assistant) are not up to date	Institute support is appreciable in updating our knowledge and skills

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B. Tech	110505 Transportation Engg.							
B. Tech	110501 Estimating Costing & Contracting		Engineering Geology Course and its lab is absent in the course content					
B. Tech	110714- Hydraulic Structure		CO needs to be reframed.			For development of life-long learning abilities, students are required to do practice on analysis and design aspects of hydraulic structures		Yes
B. Tech	900201- Integrated Waste Management for Smart City	More books & e books are required for this.					Yes	Yes

(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
-	Air Pollution & Control	Solid Waste Management, Traffic Engineering, Concrete Technology, Foundation Engineering	-
Traffic engineering, Structural	Scientific Computing using MATLAB	MCDM Techniques Using R	-

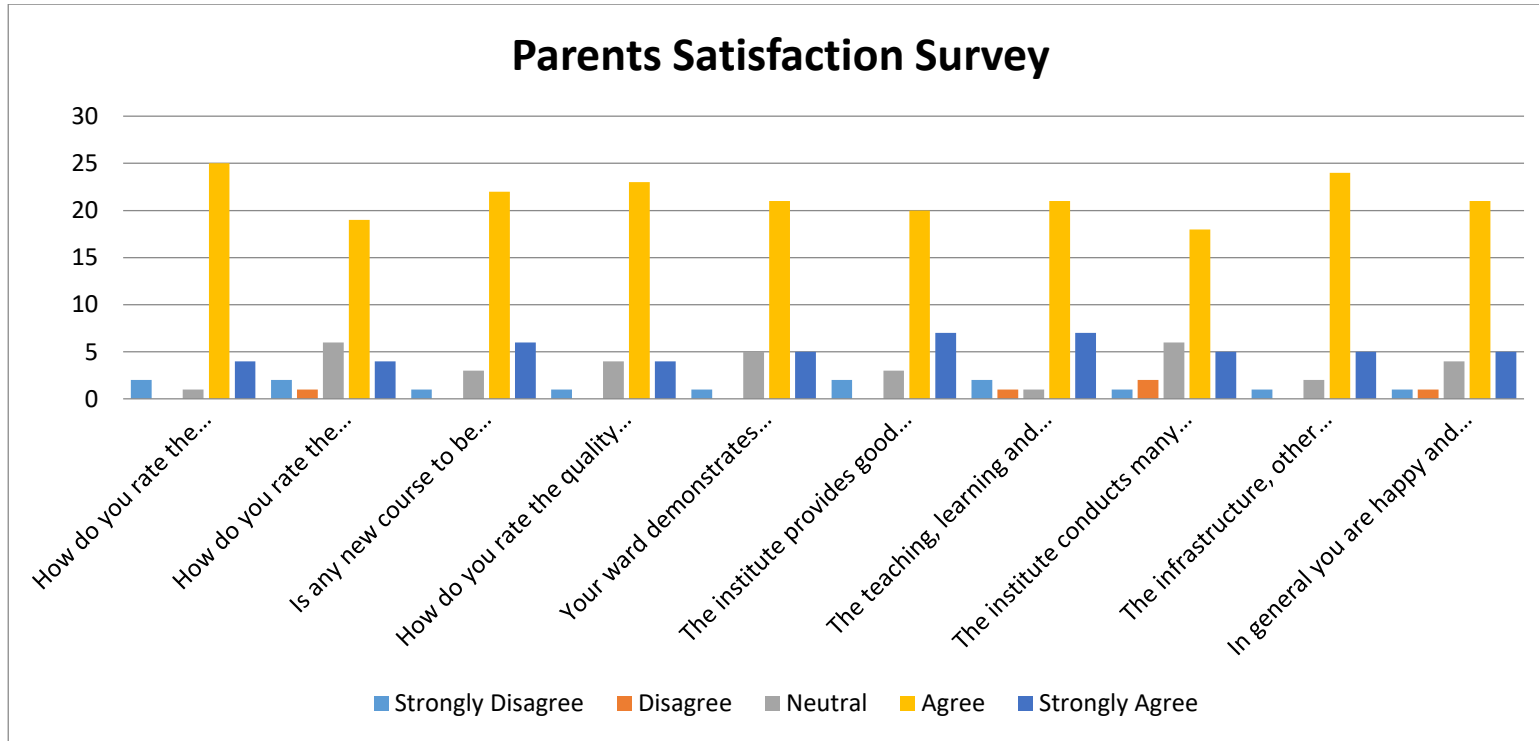
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dynamics, Geology & Soil Mechanics			
Optimization in Civil Engineering	-	Geographical Information System	Natural Hazards, Air Pollution & Control, Rural Water Resources Management, Sustainable Materials & Green buildings
Probability Methods in Civil Engg.	-	Underground Technology, Design of Bunkers and Silos, Advanced Concrete Technology, Design of Impact Resistant Structures	Network Analysis for Mines and Mineral Engineering
Reinforces Concrete Bridges	-	-	Sustainable Materials and Green Buildings

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C. PARENT’S FEEDBACK ANALYSIS – Dec 2021



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PARENTS SATISFACTION SURVEY							
Sample Size : 32							
S. No.	Parameter	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Parent Satisfaction Index
1	How do you rate the programme in terms of the load of the courses in different semesters? / आप अलग-अलग सेमेस्टर में पाठ्यक्रमों के भार के संदर्भ में कार्यक्रम को कैसे रेट करते हैं?	2	0	1	25	4	3.90625
2	How do you rate the availability of books & E-learning material in the institute library / website? / आप संस्थान के पुस्तकालय / वेबसाइट में पुस्तकों और ई-शिक्षण सामग्री की उपलब्धता को कैसे दर करते हैं?	2	1	6	19	4	3.6875
3	Is any new course to be introduced- to meet current needs & technological changes? / वर्तमान जरूरतों और तकनीकी परिवर्तनों को पूरा करने के लिए क्या कोई नया पाठ्यक्रम शुरू किया गया है?	1	0	3	22	6	4
4	How do you rate the quality and relevance of the courses included in the programme of study. / आप अध्ययन के कार्यक्रम में शामिल पाठ्यक्रमों की गुणवत्ता और प्रासंगिकता को कैसे दर करते हैं।	1	0	4	23	4	3.90625
5	Your ward demonstrates knowledge of the recent trends and developments in the field. / आपका छात्र क्षेत्र में हाल के रुझानों और विकास के ज्ञान को प्रदर्शित करता है।	1	0	5	21	5	3.90625
6	The institute provides good support for improving overall personality of your ward. / संस्थान आपके छात्र के समग्र व्यक्तित्व में सुधार के लिए अच्छा समर्थन प्रदान करता है।	2	0	3	20	7	3.9375

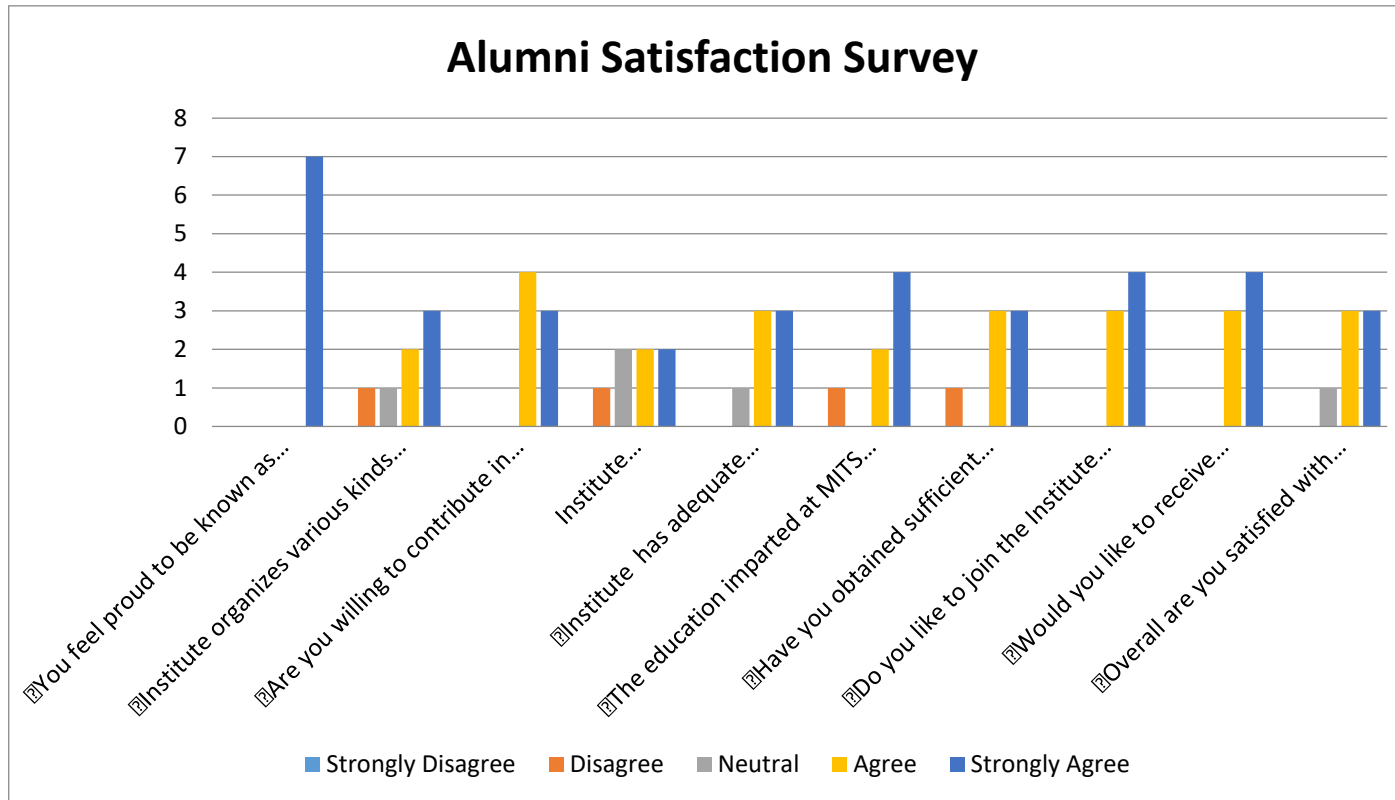
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7	The teaching, learning and evaluation system in the institute is good. /संस्थान में शिक्षण, शिक्षण और मूल्यांकन प्रणाली अच्छी है।	2	1	1	21	7	3.9375
8	The institute conducts many activities that help your ward in getting job opportunities and campus placement. / संस्थान कई गतिविधियों का संचालन करता है जो आपके वार्ड को नौकरी के अवसर और कैम्पस प्लेसमेंट दिलाने में मदद करते हैं।	1	2	6	18	5	3.75
9	The infrastructure, other facilities and ambience of the institute is good. / संस्थान की आधारभूत संरचना, अन्य सुविधाएं और माहौल अच्छा है।	1	0	2	24	5	4
10	In general you are happy and satisfied with the institute. / सामान्य तौर पर आप संस्थान से खुश और संतुष्ट हैं।	1	1	4	21	5	3.875
Parents Satisfaction Index PSI (on a scale 5) 5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly Disagree							

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D. ALUMNI SATISFACTION SURVEY – Dec 2021



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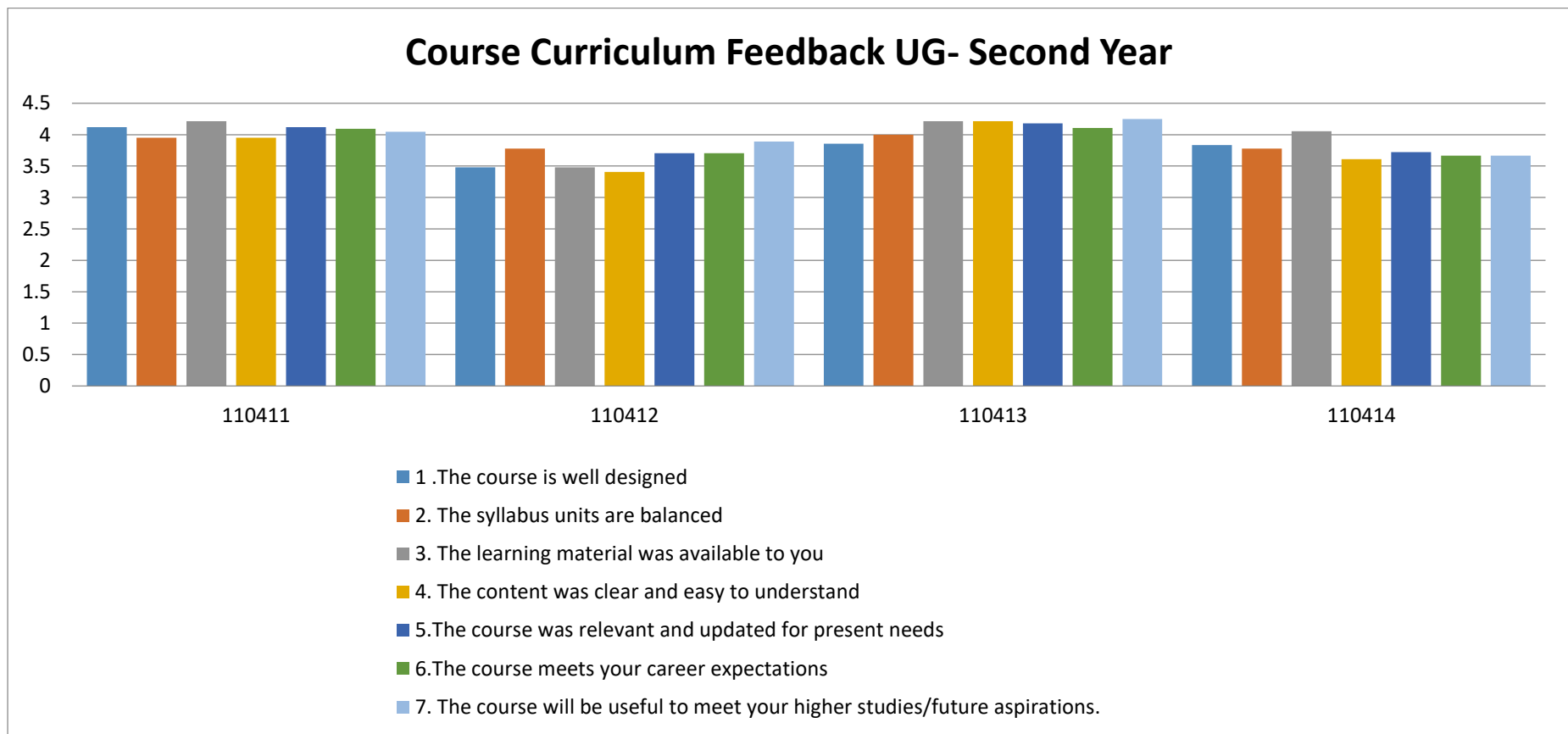
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ALUMNI SATISFACTION SURVEY

ALUMNI SATISFACTION SURVEY							
Sample Size : 7							
S. No.	Parameter	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Alumni Satisfaction Index
1	You feel proud to be known as an MITS Alumnus	0	0	0	0	7	5
2	Institute organizes various kinds of activities for the overall development of students	0	1	1	2	3	4
3	Are you willing to contribute in the development of the Institute	0	0	0	4	3	4.428571429
4	Institute handles students' grievances properly	0	1	2	2	2	3.714285714
5	Institute has adequate laboratories and equipment for practical exposure to students	0	0	1	3	3	4.285714286
6	The education imparted at MITS is useful and relevant in your career and present job	0	1	0	2	4	4.285714286
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	1	0	3	3	4.142857143
8	Do you like to join the Institute Alumni Association	0	0	0	3	4	4.571428571
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?	0	0	0	3	4	4.571428571
10	Overall are you satisfied with the Faculty, Staff and Administration during Program	0	0	1	3	3	4.285714286
Alumni Satisfaction Index PSI (on a scale 5) 5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly Disagree							

CURRICULUM FEEDBACK ANALYSIS FROM STAKEHOLDERS

A1. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Second Year) – May 2022



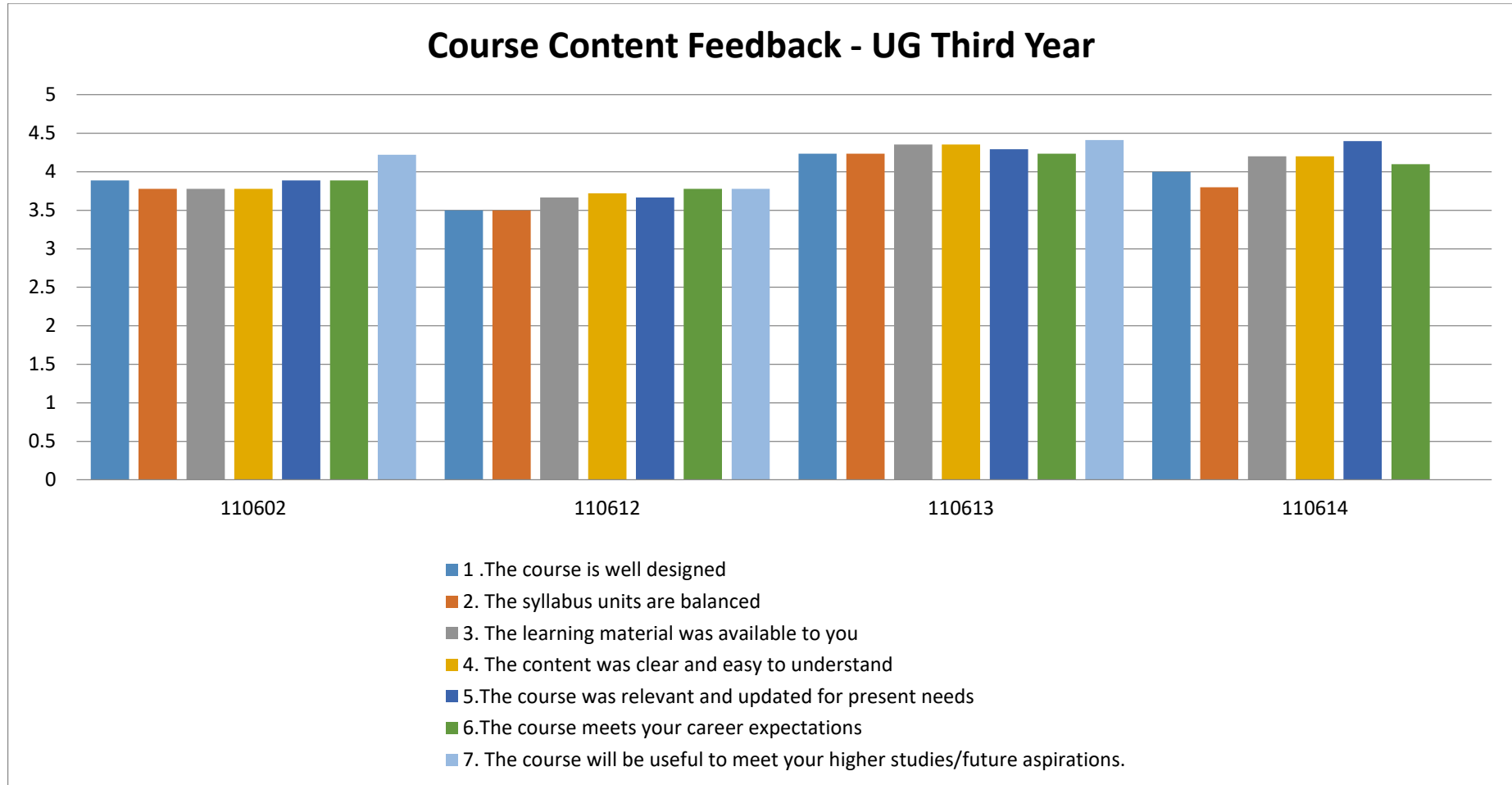
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	110411: Geotechnical Engineering-I	110412: Theory of Structures-I	110413: Transportation Engineering	110414: Water Resource Engineering
1 .The course is well designed	4.119048	3.481481	3.857143	3.833333
2. The syllabus units are balanced	3.952381	3.777778	4	3.777778
3. The learning material was available to you	4.214286	3.481481	4.214286	4.055556
4. The content was clear and easy to understand	3.952381	3.407407	4.214286	3.611111
5.The course was relevant and updated for present needs	4.119048	3.703704	4.178571	3.722222
6.The course meets your career expectations	4.095238	3.703704	4.107143	3.666667
7. The course will be useful to meet your higher studies/future aspirations.	4.047619	3.888889	4.25	3.666667

Subjects	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
110412: Theory of Structure – I	None. Course is updated	None	None

A2. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Third Year) – May 2022



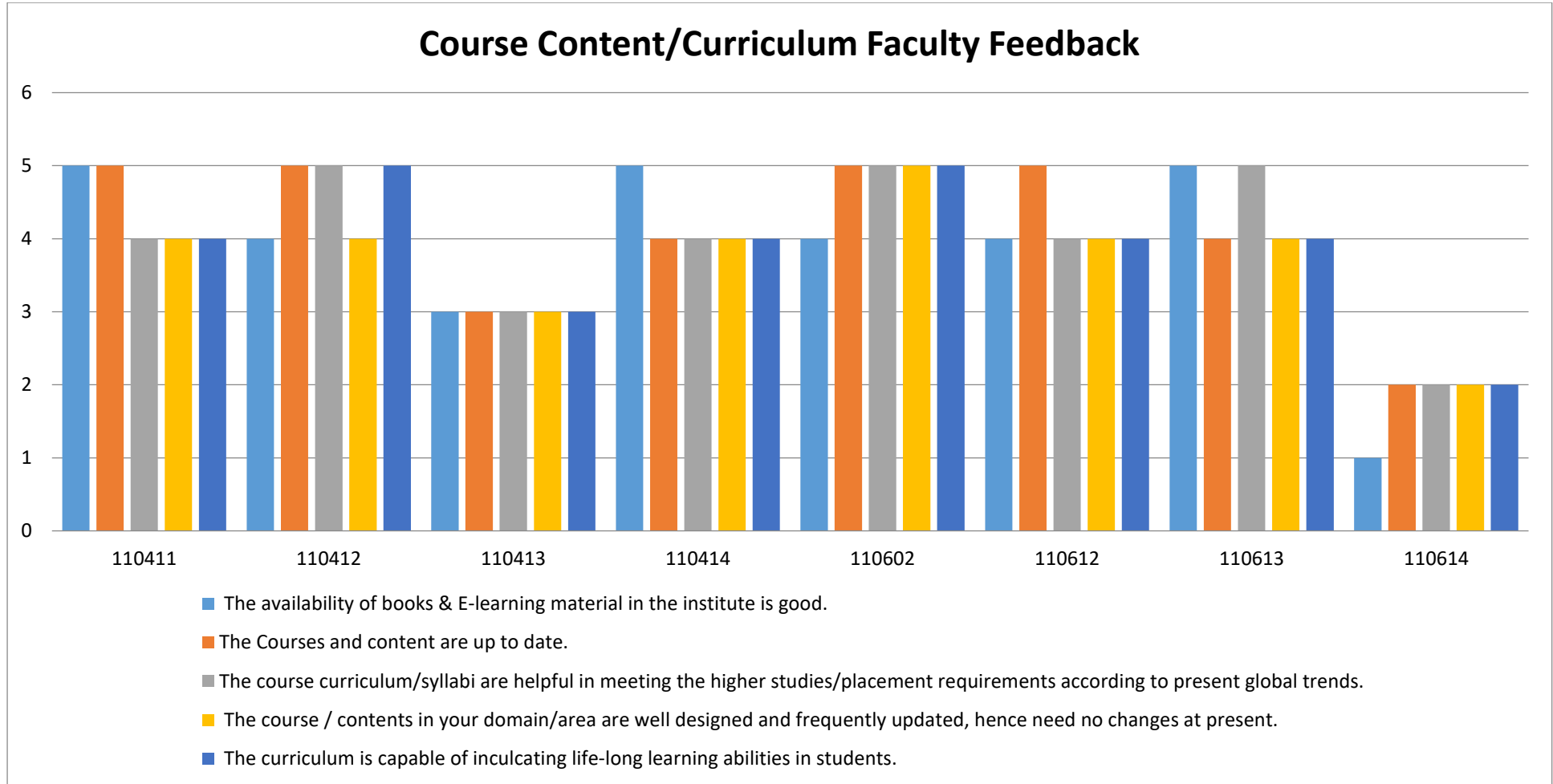
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	110602: Structural Design & Drawing (Steel)	110612: Solid Waste Management	110613: Construction Planning & Management	110614: Railway, Airport & Tunnel Engineering
1 .The course is well designed	3.888889	3.5	4.235294	4
2. The syllabus units are balanced	3.777778	3.5	4.235294	3.8
3. The learning material was available to you	3.777778	3.666667	4.352941	4.2
4. The content was clear and easy to understand	3.777778	3.722222	4.352941	4.2
5.The course was relevant and updated for present needs	3.888889	3.666667	4.294118	4.4
6.The course meets your career expectations	3.888889	3.777778	4.235294	4.1
7. The course will be useful to meet your higher studies/future aspirations.	4.222222	3.777778	4.411765	4.33

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?	Choices for Honor/Minor/DE (SWAYAM)
None	None	No	Bridge Engineering (honor) Wastewater Treatment & Recycling (DE) Principles of Construction Manamegent (DE) Pavement Materials (DE/Honor) Project Planning & Control (DE) Advanced Concrete Technology (Honors) Advanced Design of Steel Structures (Honors)

B. FACULTY FEEDBACK ANALYSIS ON COURSE CONTENT – May 2022



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Select your course	Select your Subject	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.
B. Tech	110411- Geotechnical Engineering-I	5	5	4	4	4
B. Tech	110412- Theory of Structures-I	4	5	5	4	5
B. Tech	110413- Transportation Engineering	3	3	3	3	3
B. Tech	110414- Water Resource Engineering	5	4	4	4	4
B. Tech	110602- Structural Design & Drawing (Steel)	4	5	5	5	5
B. Tech	110612- Solid Waste Management	4	5	4	4	4
B. Tech	110613- Construction Planning & Management	5	4	5	4	4
B. Tech	110614 – Railway, Airport & Tunnel Engineering	1	2	2	2	2

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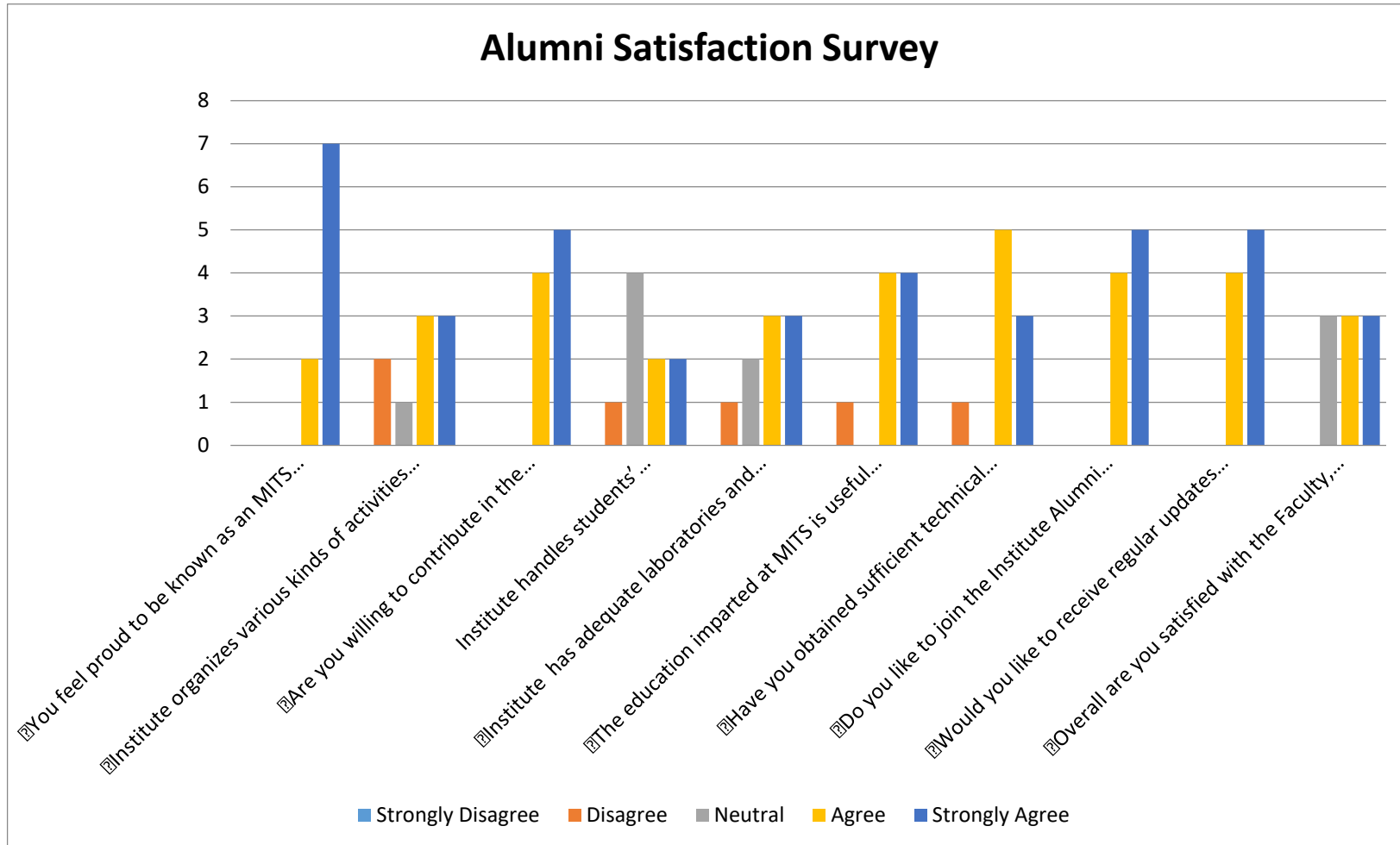
Inputs received from Faculty:

Course level	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.	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]	5. The curriculum is capable of inculcating life-long learning abilities in students.	6. The environment of department/institute is conducive for innovative teaching and research.	7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth.
B. Tech	110411- Geotechnical Engineering-I						Yes	Yes
B. Tech	110414- Water Resource Engineering						Very conducive	Yes
B. Tech	110612- Solid Waste Management	More e books are required in library		Specially the work done under SBM and smart city				

(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
Dynamics of Structures	Strength of Materials, Building Science, Project Management	Wastewater Treatment, Project Management, Housing Planning	Integrated Waste Management, Project Planning Control, Urban Planning, Plastic Waste Management
Bridge Engineering, Pavement material	Energy Efficient Building	Earthquake Resistant Design of Foundations	
Building Services and Maintenance		New construction materials	

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C. ALUMNI SATISFACTION SURVEY – May 2022



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ALUMNI SATISFACTION SURVEY

ALUMNI SATISFACTION SURVEY							
Sample Size : 9							
S. No.	Parameter	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Alumni Satisfaction Index
1	You feel proud to be known as an MITS Alumnus ?	0	0	0	2	7	4.777777778
2	Institute organizes various kinds of activities for the overall development of students	0	2	1	3	3	3.777777778
3	Are you willing to contribute in the development of the Institute	0	0	0	4	5	4.555555556
4	Institute handles students' grievances properly	0	1	4	2	2	3.555555556
5	Institute has adequate laboratories and equipment for practical exposure to students	0	1	2	3	3	3.888888889
6	The education imparted at MITS is useful and relevant in your career and present job	0	1	0	4	4	4.222222222
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	1	0	5	3	4.111111111
8	Do you like to join the Institute Alumni Association	0	0	0	4	5	4.555555556
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?	0	0	0	4	5	4.555555556
10	Overall are you satisfied with the Faculty, Staff and Administration during Program	0	0	3	3	3	4
Alumni Satisfaction Index PSI (on a scale 5) 5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly Disagree							

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.

CIVIL ENGINEERING DEPARTMENT

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.

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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C. Action taken based on Feedback received from Alumni

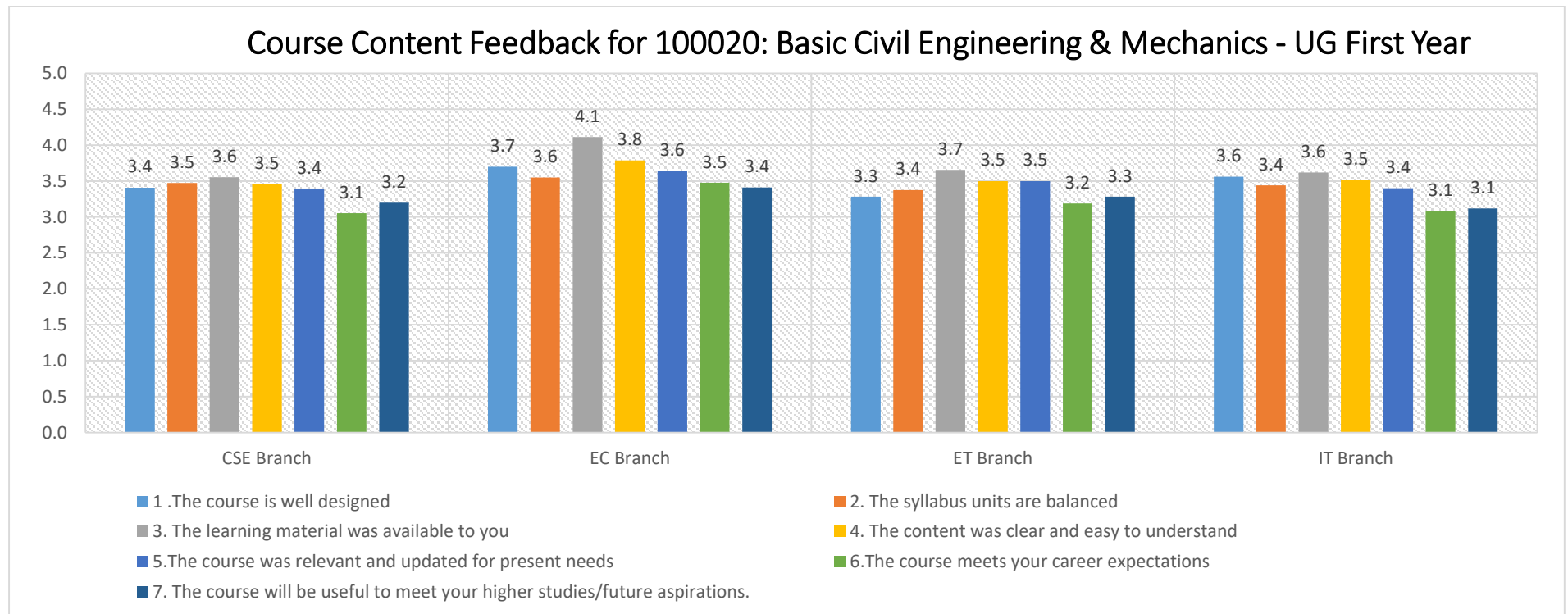
S. No.	Comments /Suggestions Received during Feedback	Action Taken
1	Institute should have tie up with the industry for suitable employment of the students in time to come	MoU are already done with some of the Research Organizations like CRRI, NHAI and efforts are being done to get students placed in 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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DEPARTMENT OF CIVIL ENGINEERING

A1. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG First Year) – 2020-2021



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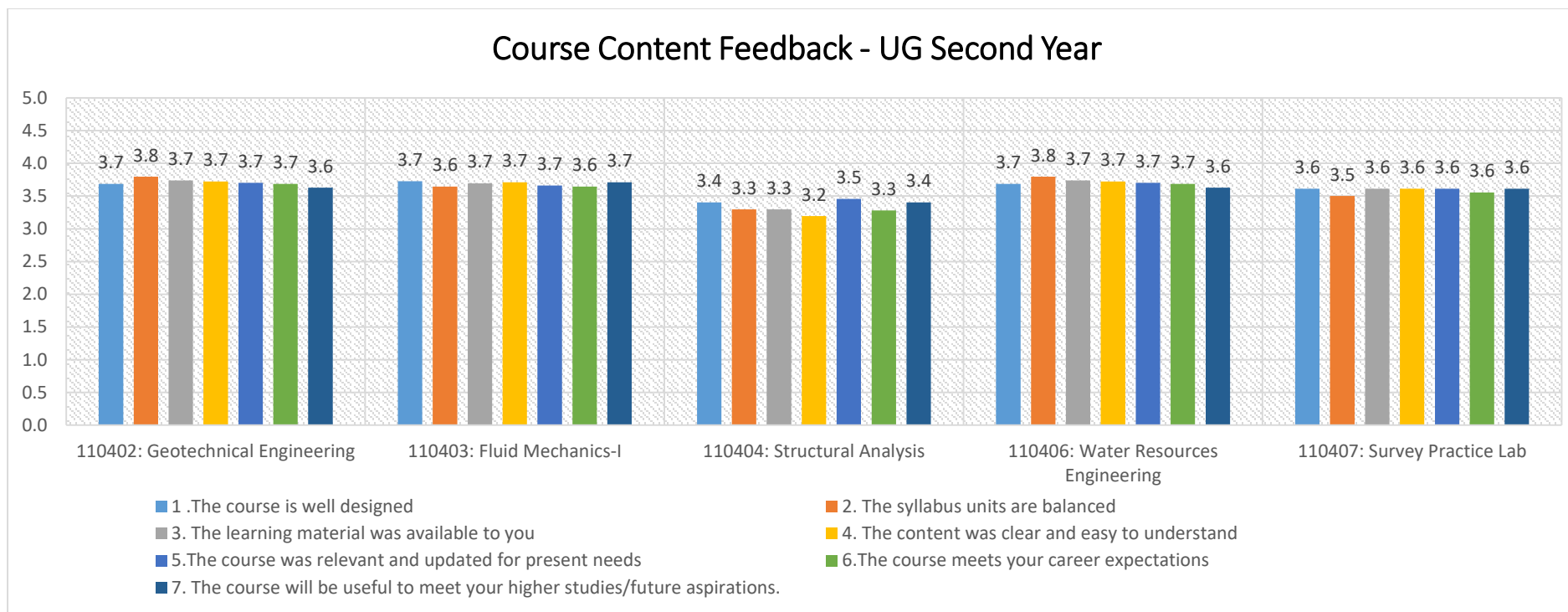
	CSE Branch	EC Branch	ET Branch	IT Branch
1. The course is well designed	3.4	3.7	3.3	3.6
2. The syllabus units are balanced	3.5	3.6	3.4	3.4
3. The learning material was available to you	3.6	4.1	3.7	3.6
4. The content was clear and easy to understand	3.5	3.8	3.5	3.5
5. The course was relevant and updated for present needs	3.4	3.6	3.5	3.4
6. The course meets your career expectations	3.1	3.5	3.2	3.1
7. The course will be useful to meet your higher studies/future aspirations.	3.2	3.4	3.3	3.1

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
Outdated technique of construction.	Building material; Solving papers	Machines

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A2. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Second Year) – 2020-2021



	110402: Geotechnical Engineering	110403: Fluid Mechanics-I	110404: Structural Analysis	110406: Water Resources Engineering	110407: Survey Practice Lab
1 .The course is well designed	3.7	3.7	3.4	3.7	3.6
2. The syllabus units are balanced	3.8	3.6	3.3	3.8	3.5
3. The learning material was available to you	3.7	3.7	3.3	3.7	3.6
4. The content was clear and easy to understand	3.7	3.7	3.2	3.7	3.6
5.The course was relevant and updated for present needs	3.7	3.7	3.5	3.7	3.6
6.The course meets your career expectations	3.7	3.6	3.3	3.7	3.6
7. The course will be useful to meet your higher studies/future aspirations.	3.6	3.7	3.4	3.6	3.6

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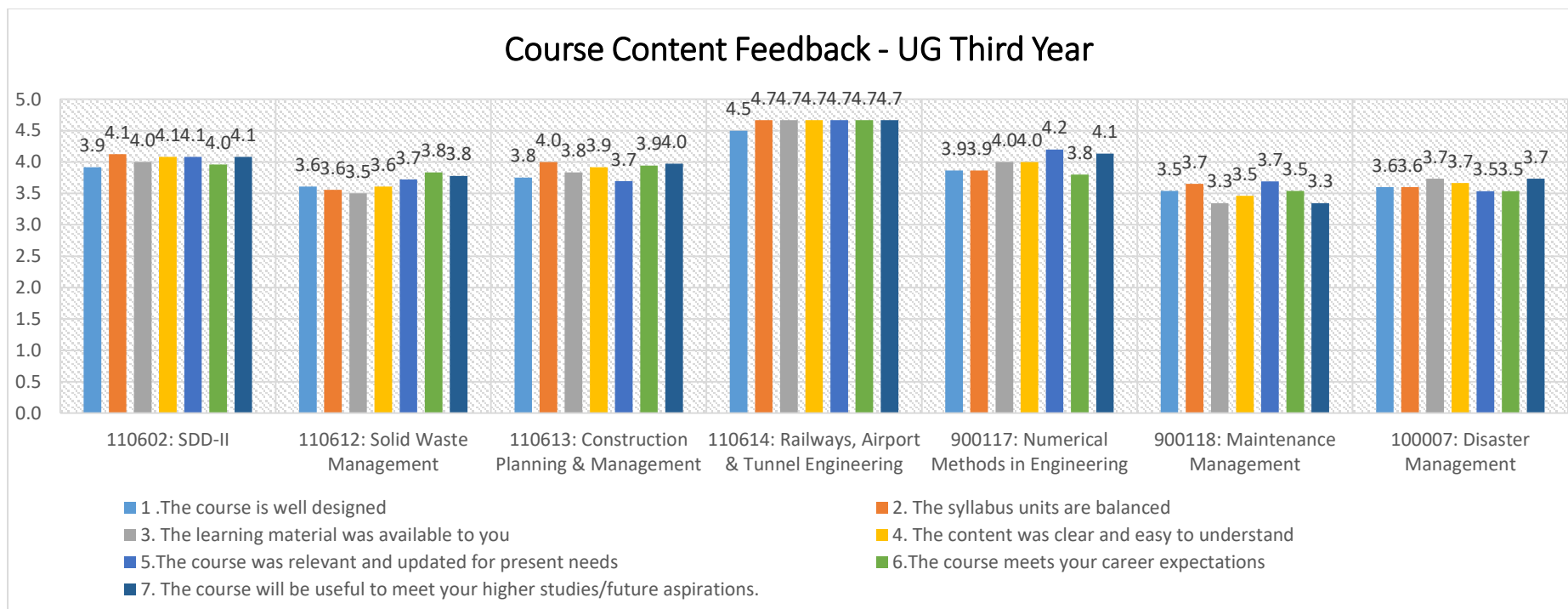
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Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
No	NA	NA
No	Already done	No

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A3. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Third Year) – 2020-2021



	110602: SDD-II	110612: Solid Waste Management	110613: Construction Planning & Management	110614: Railways, Airport & Tunnel Engineering	900117: Numerical Methods in Engineering	900118: Maintenance Management	100007: Disaster Management
1. The course is well designed	3.9	3.6	3.8	4.5	3.9	3.5	3.6
2. The syllabus units are balanced	4.1	3.6	4.0	4.7	3.9	3.7	3.6
3. The learning material was available to you	4.0	3.5	3.8	4.7	4.0	3.3	3.7
4. The content was clear and easy to understand	4.1	3.6	3.9	4.7	4.0	3.5	3.7

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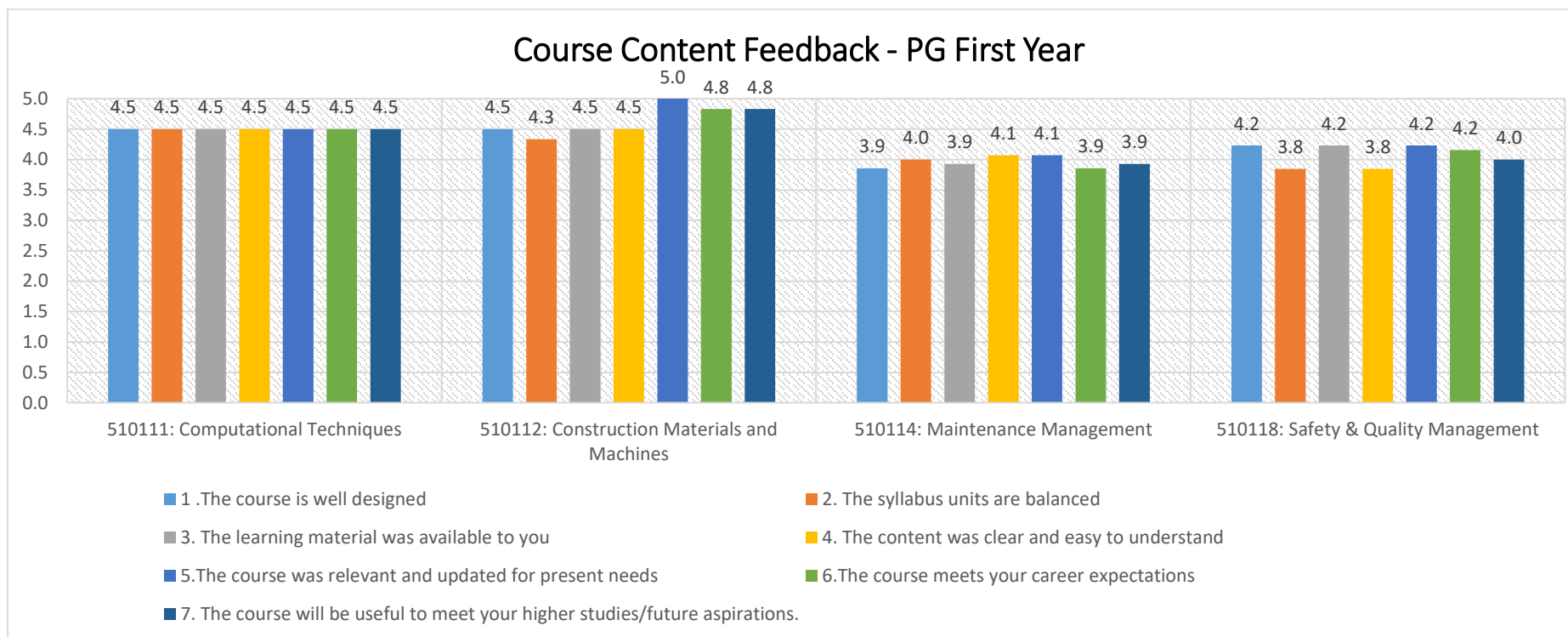
5.The course was relevant and updated for present needs	4.1	3.7	3.7	4.7	4.2	3.7	3.5
6.The course meets your career expectations	4.0	3.8	3.9	4.7	3.8	3.5	3.5
7. The course will be useful to meet your higher studies/future aspirations.	4.1	3.8	4.0	4.7	4.1	3.3	3.7

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
Good	Steel	Good
I think, big subjects like Geotech, Environment and SOM can be divide in two parts because in a single part the syllabus can't complete & we are not getting benefit of these	I think "technical lab" should include in this session; SWM system	I think, the course which connects us to the applications of all the courses, so that we can relate all are theoretical aspects (whatever we have study previously) to the technical implementation
Computation using cpm	Modern management techniques; Basic civil engineering; Methods of Pavement design	Nothing
-	Please introduce about metro	-

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A4. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (PG First Year) – 2020-2021



	510111: Computational Techniques	510112: Construction Materials and Machines	510114: Maintenance Management	510118: Safety & Quality Management
1 .The course is well designed	4.5	4.5	3.9	4.2
2. The syllabus units are balanced	4.5	4.3	4.0	3.8
3. The learning material was available to you	4.5	4.5	3.9	4.2
4. The content was clear and easy to understand	4.5	4.5	4.1	3.8

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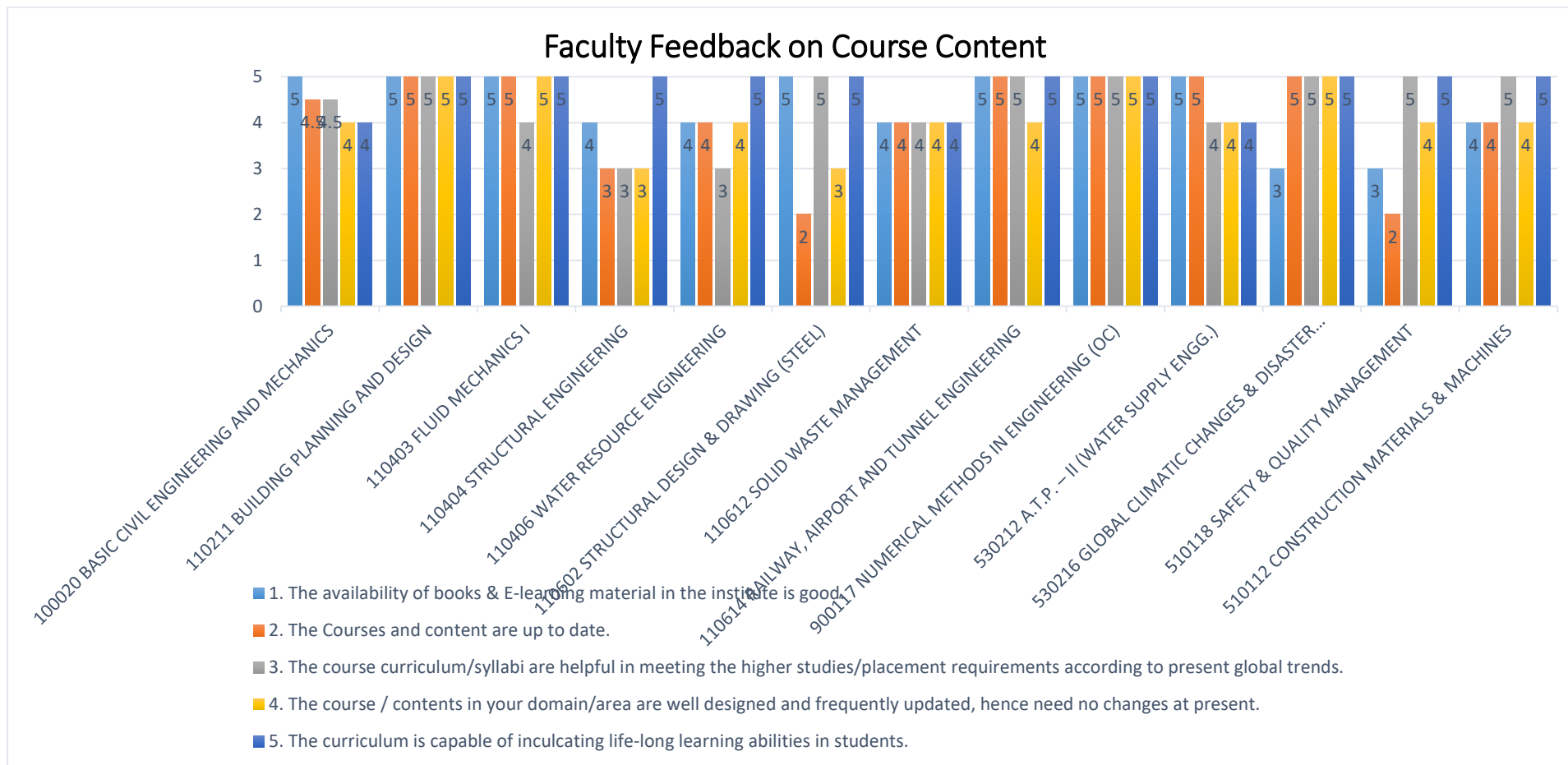
5.The course was relevant and updated for present needs	4.5	5.0	4.1	4.2
6.The course meets your career expectations	4.5	4.8	3.9	4.2
7. The course will be useful to meet your higher studies/future aspirations.	4.5	4.8	3.9	4.0

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
No	No	Design of highway/civil 3d/MX road

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B. FACULTY FEEDBACK ANALYSIS ON COURSE CONTENT – 2020-2021



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Select your course	Select your Subject	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.
B. Tech	100020 BASIC CIVIL ENGINEERING AND MECHANICS	5	4.5	4.5	4	4
B. Tech	110211 BUILDING PLANNING AND DESIGN	5	5	5	5	5
B. Tech	110403 FLUID MECHANICS I	5	5	4	5	5
B. Tech	110404 STRUCTURAL ENGINEERING	4	3	3	3	5
B. Tech	110406 WATER RESOURCE ENGINEERING	4	4	3	4	5
B. Tech	110602 STRUCTURAL DESIGN & DRAWING (STEEL)	5	2	5	3	5
B. Tech	110612 SOLID WASTE MANAGEMENT	4	4	4	4	4
B. Tech	110614 RAILWAY, AIRPORT AND TUNNEL ENGINEERING	5	5	5	4	5
B. Tech	900117 NUMERICAL METHODS IN ENGINEERING (OC)	5	5	5	5	5
M.Tech	530212 A.T.P. – II (WATER SUPPLY ENGG.)	5	5	4	4	4
M.Tech	530216 GLOBAL CLIMATIC CHANGES & DISASTER MANAGEMENT (OC)	3	5	5	5	5
M.Tech	510118 SAFETY & QUALITY MANAGEMENT	3	2	5	4	5
M.Tech	510112 CONSTRUCTION MATERIALS & MACHINES	4	4	5	4	5

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Inputs received from Faculty:

Course level	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.	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]	5. The curriculum is capable of inculcating life-long learning abilities in students.
B. Tech	110403 Fluid Mechanics I	it is available in the institute as e book also	The course is up to date.	This course is basic course and will meet for higher education.	Updation is not required.	yes
B. Tech	110404 Structural Engineering	Library has sufficient number of books.	Somme part of the syllabus need to be changed	Basic knowledge provided by this course is certainly helpful for higher education.	Some content is to be added like Influence line diagram.	Yes it is.
B. Tech	110406 Water Resource Engineering	it is available in the institute as e book also	this course combined with two courses. it requires more learning materials. a new course should be introduced that contains irrigation and hydraulic structure. Engineering Hydrology should be separate subjects.		Actual separation of subjects are required	yes
B. Tech	110602 Structural Design & Drawing (Steel)				Design of tubular section may be introduced	
M. Tech	510112 Construction Materials & Machines		Contents are more and require more periods to teach with normal pace.		The contents to be more specific.	

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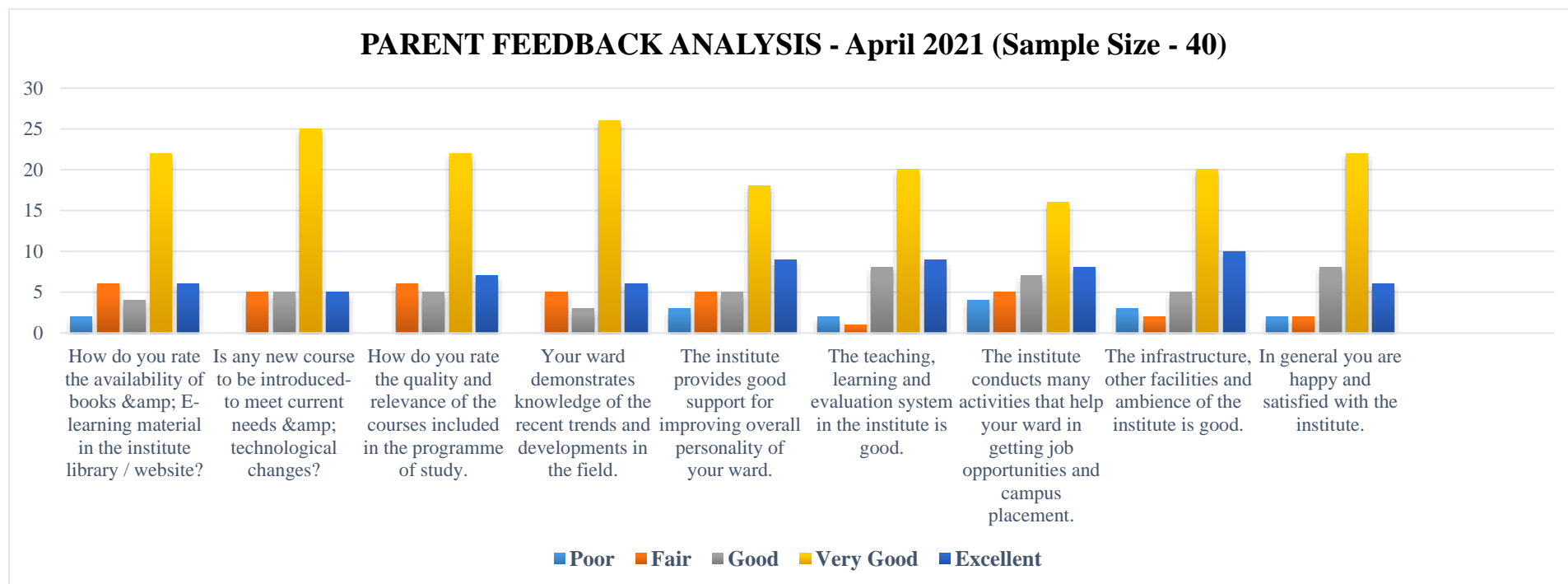
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(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
-	-	Hydraulic Structure	-
Advanced concrete Technology.	Design of prestressed concrete structures.	construction contract	Project management
water economics & governance, theory of elasticity, Sustainable Engineering Concepts and Life Cycle Analysis, Introduction to Multimodal Urban Transportation Systems (MUTS), Rock Mechanics and Tunneling	environmental chemistry, municipal solid waste management, Project Planning & Control,	optimization methods for civil engineering, remote sensing & gis, matrix method of structural analysis, advanced concrete technology	integrated waste management for smart city, Project Planning & Control, Introduction to Multimodal Urban Transportation Systems (MUTS)
Matrix method of structural analysis , Integrated waste management for a smart city	Project planning & control , Optimization methods for civil engineering	Wastewater treatment and recycling , Remote sensing and G I S	Finite element method and computational structural dynamics
-	-	Prefabricated construction	-
-	-	Optimization methods for civil engineering	Project management

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C. PARENT'S FEEDBACK ANALYSIS – 2020-2021



Sample Size: 40

S. No.	Parameter	Poor	Fair	Good	Very Good	Excellent	Parent Satisfaction Index
1	How do you rate the availability of books & E-learning material in the institute library / website?	2	6	4	22	6	3.60
2	Is any new course to be introduced- to meet current needs & technological changes?	0	5	5	25	5	3.75
3	How do you rate the quality and relevance of the	0	6	5	22	7	3.75

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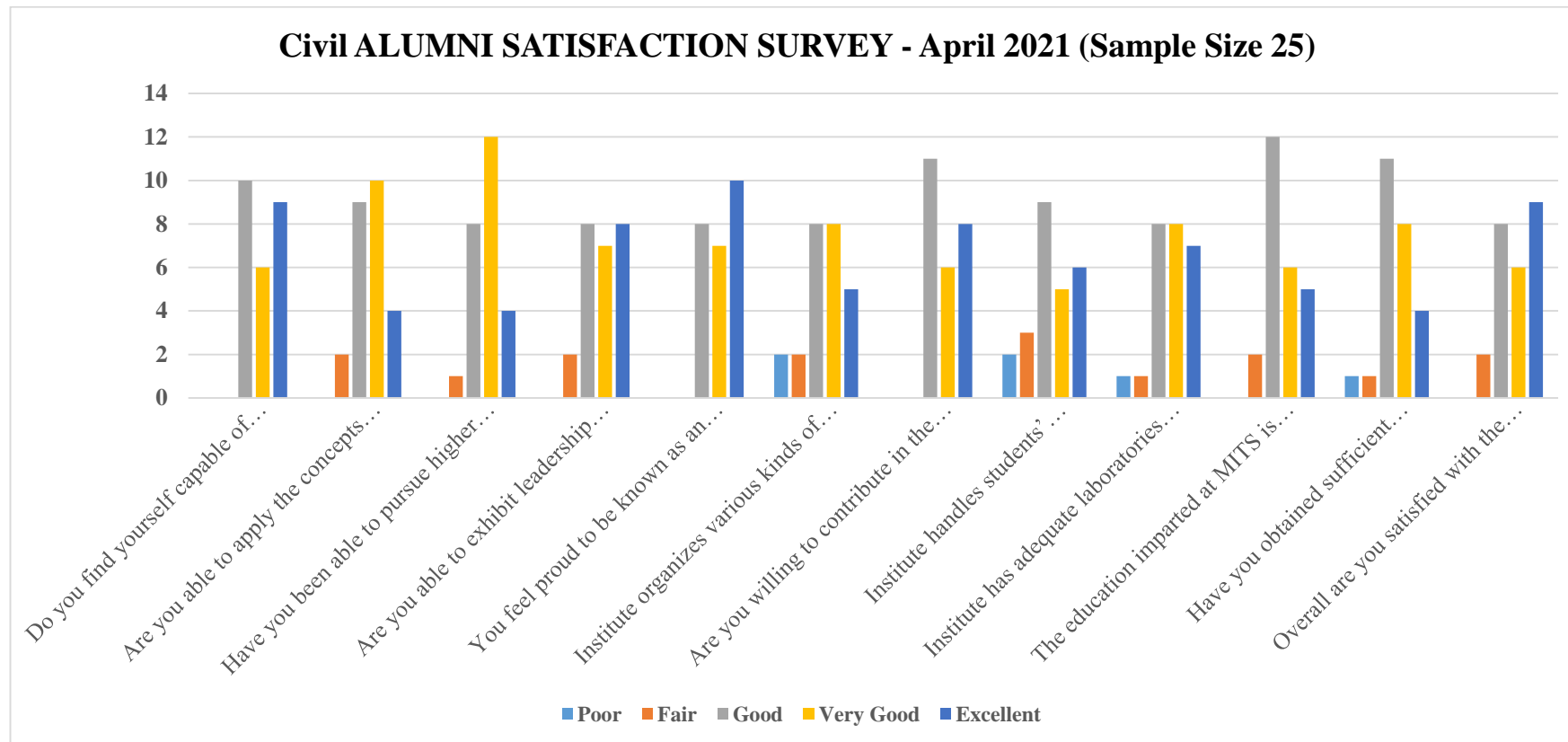
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courses included in the programme of study.							
4	Your ward demonstrates knowledge of the recent trends and developments in the field.	0	5	3	26	6	3.83
5	The institute provides good support for improving overall personality of your ward.	3	5	5	18	9	3.63
6	The teaching, learning and evaluation system in the institute is good.	2	1	8	20	9	3.83
7	The institute conducts many activities that help your ward in getting job opportunities and campus placement.	4	5	7	16	8	3.48
8	The infrastructure, other facilities and ambience of the institute is good.	3	2	5	20	10	3.80
9	In general you are happy and satisfied with the institute.	2	2	8	22	6	3.70
Parent Satisfaction Index (PSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)							

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D. ALUMNI SATISFACTION SURVEY – 2020-2021



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Sample Size: 25

S. No.	Parameter	Poor	Fair	Good	Very Good	Excellent	Alumni Satisfaction Index
1	Do you find yourself capable of making a good career ?	0	0	10	6	9	3.96
2	Are you able to apply the concepts of civil engineering in your profession?	0	2	9	10	4	3.64
3	Have you been able to pursue higher studies ?	0	1	8	12	4	3.76
4	Are you able to exhibit leadership skills, team spirit & ethical practices while performing your duty?	0	2	8	7	8	3.84
5	You feel proud to be known as an MITS Alumnus	0	0	8	7	10	4.08
6	Institute organizes various kinds of activities for the overall development of students	2	2	8	8	5	3.48
7	Are you willing to contribute in the development of the Institute	0	0	11	6	8	3.88
8	Institute handles students' grievances properly	2	3	9	5	6	3.4
9	Institute has adequate laboratories and equipment for practical exposure to students	1	1	8	8	7	3.76
10	The education imparted at MITS is useful and relevant in your career and present job	0	2	12	6	5	3.56
11	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	1	1	11	8	4	3.52
12	Overall are you satisfied with the Faculty, Staff and Administration during Program	0	2	8	6	9	3.88

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DEPARTMENT OF CIVIL ENGINEERING

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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CIVIL ENGINEERING DEPARTMENT

Action Taken Based on Curriculum Feedback Analysis

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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CIVIL ENGINEERING DEPARTMENT

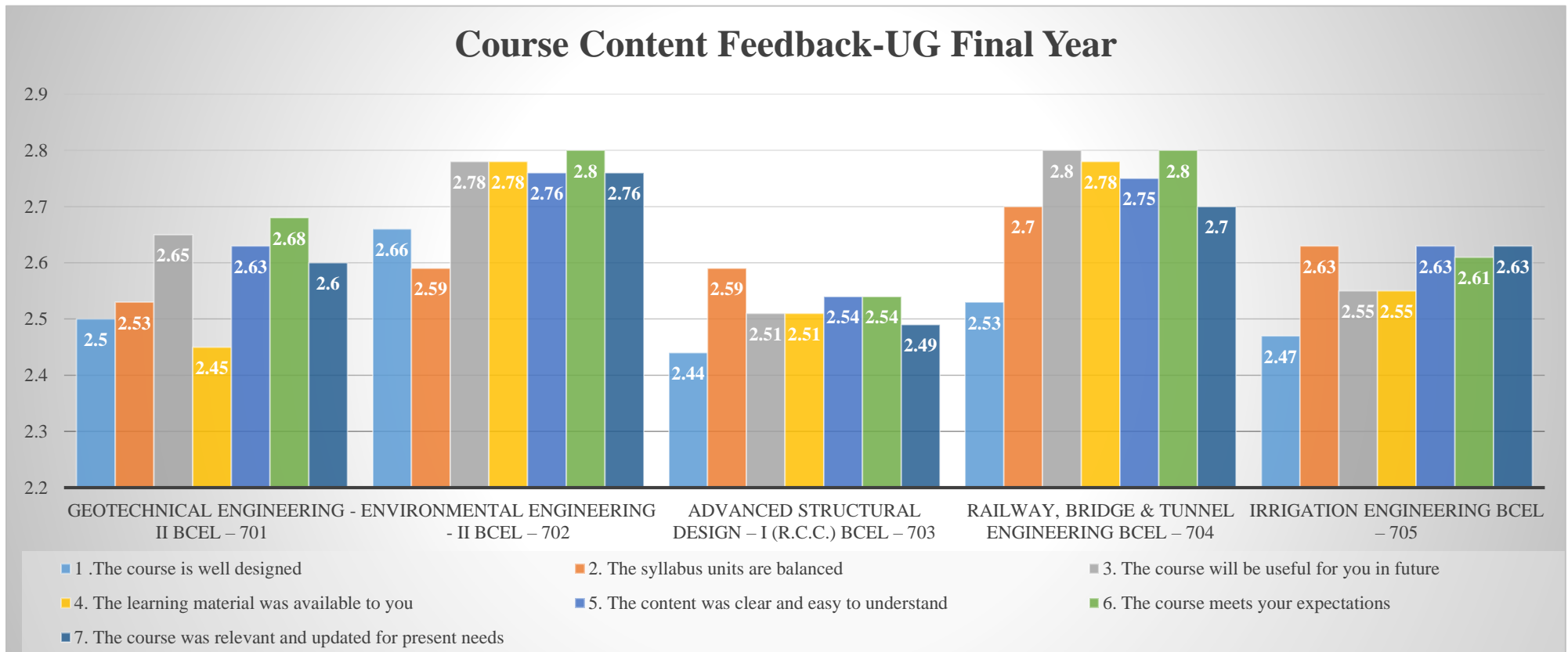
Action Taken Based on Curriculum Feedback Analysis

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.

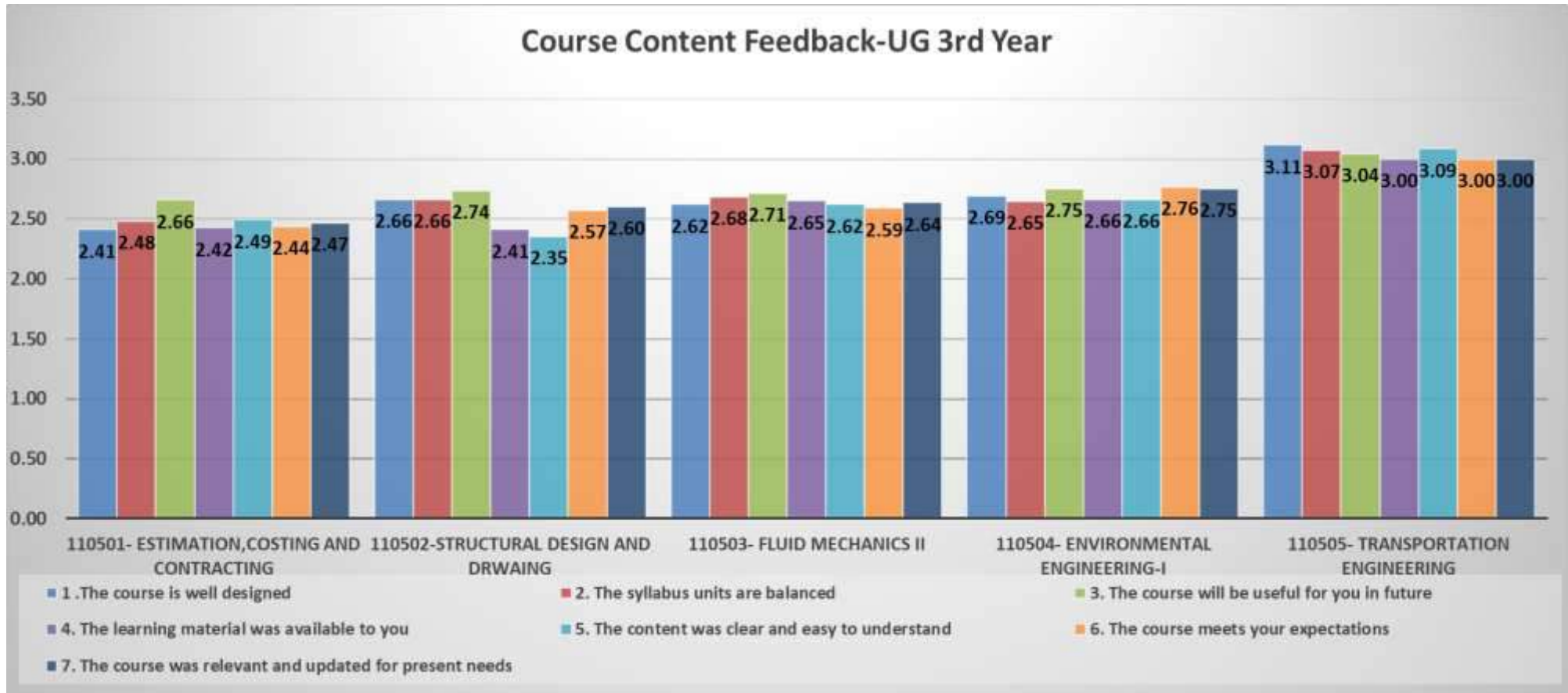
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CIVIL ENGINEERING DEPARTMENT

CIRRICULA FEEDBACK ANALYSIS FROM STAKEHOLDERS



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Course Code	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
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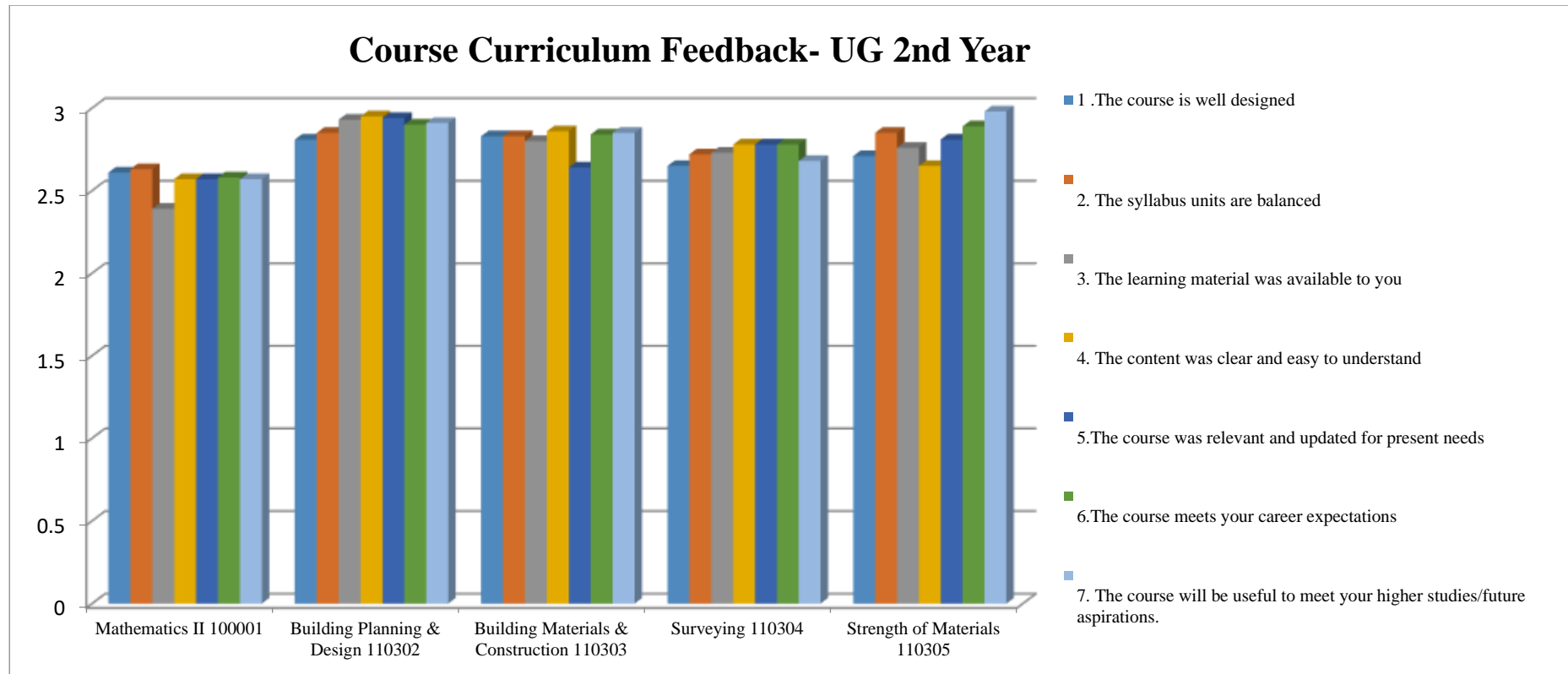
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110501	Syllabus not in gate, Costing of materials as well faculty	Syllabus of gate, Transportation Engineering, Rate analysis, Estimating and costing	Rate analysis
110502	Syllabus not in gate	Syllabus of gate, Flange beam, staircase	Retaining walls design and water tank design
110503	Syllabus not in gate, open channel flow	Syllabus of gate, open channel flow	No
110504	Underground sources, Syllabus not in gate	Underground sources, Syllabus of gate	Yes
110505	Syllabus not in gate	Syllabus of gate	No

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Course Code	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
100001	No	Syllabus needs to be updated as per competitive exams	No

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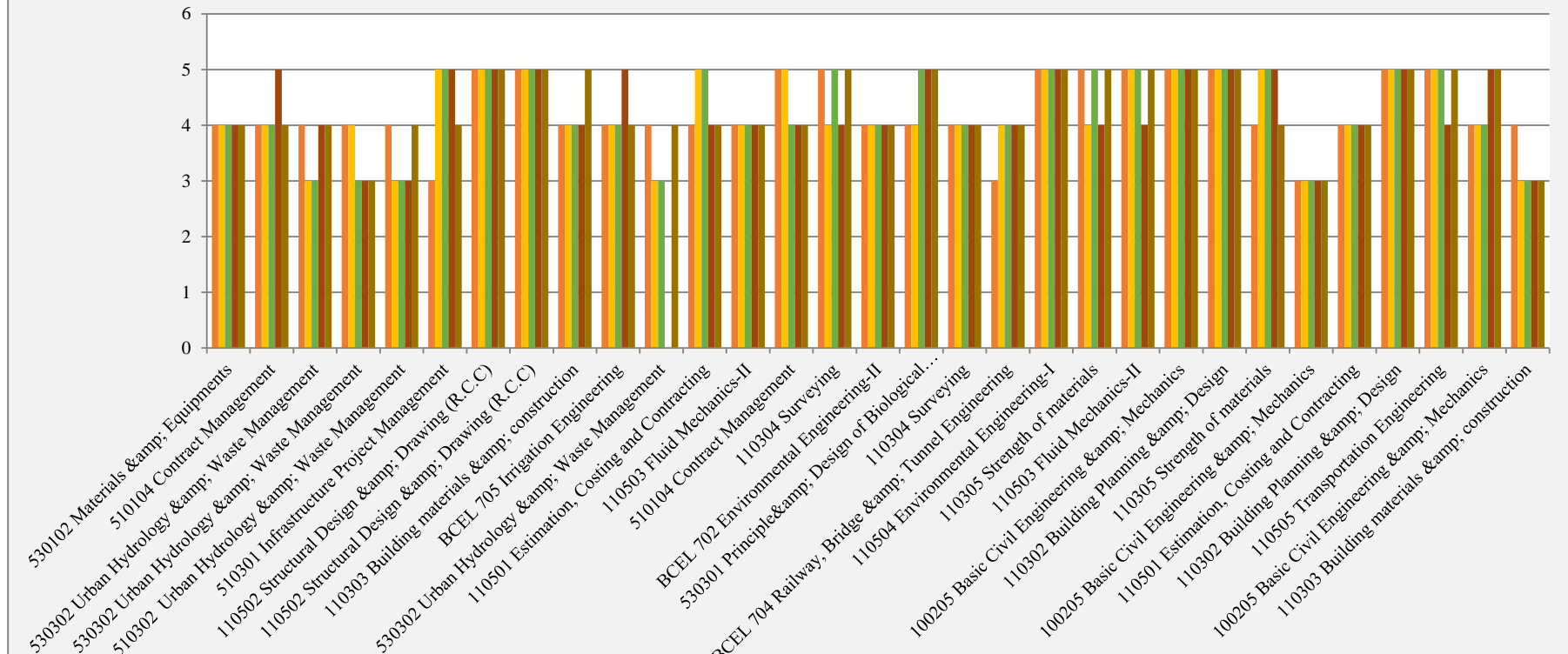
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110302	Principal planning of architecture	Syllabus not in gate	Nothing
110303	Syllabus not in gate, Only Building Material	Syllabus of gate, Building Materials	No
110304	No	Nothing	No
110305	Nothing	No	No

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Course Content Feedback - Faculty Members



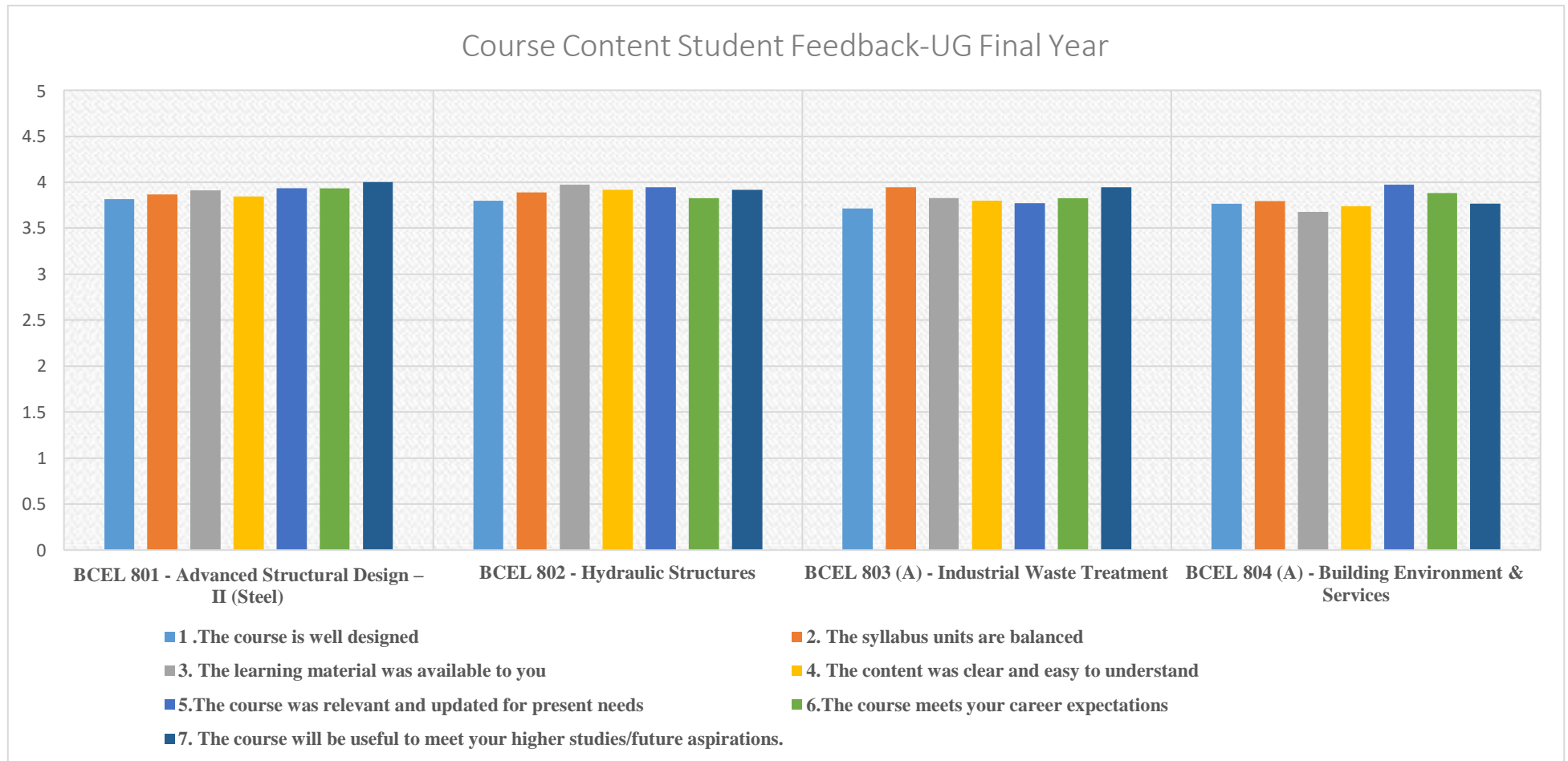
- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are 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
- 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

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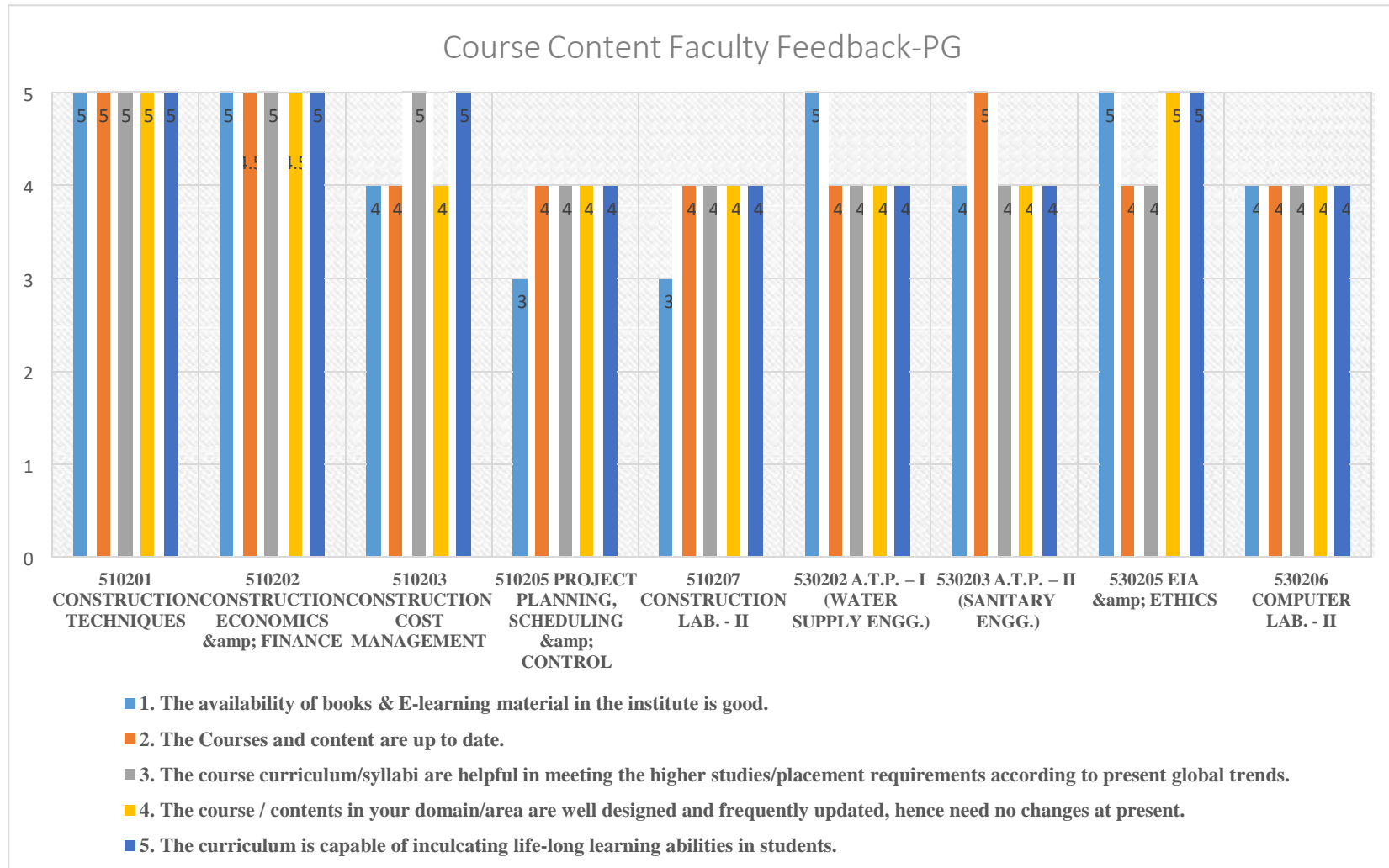
CIVIL ENGINEERING DEPARTMENT

CIRRICULA FEEDBACK ANALYSIS FROM STAKEHOLDERS



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

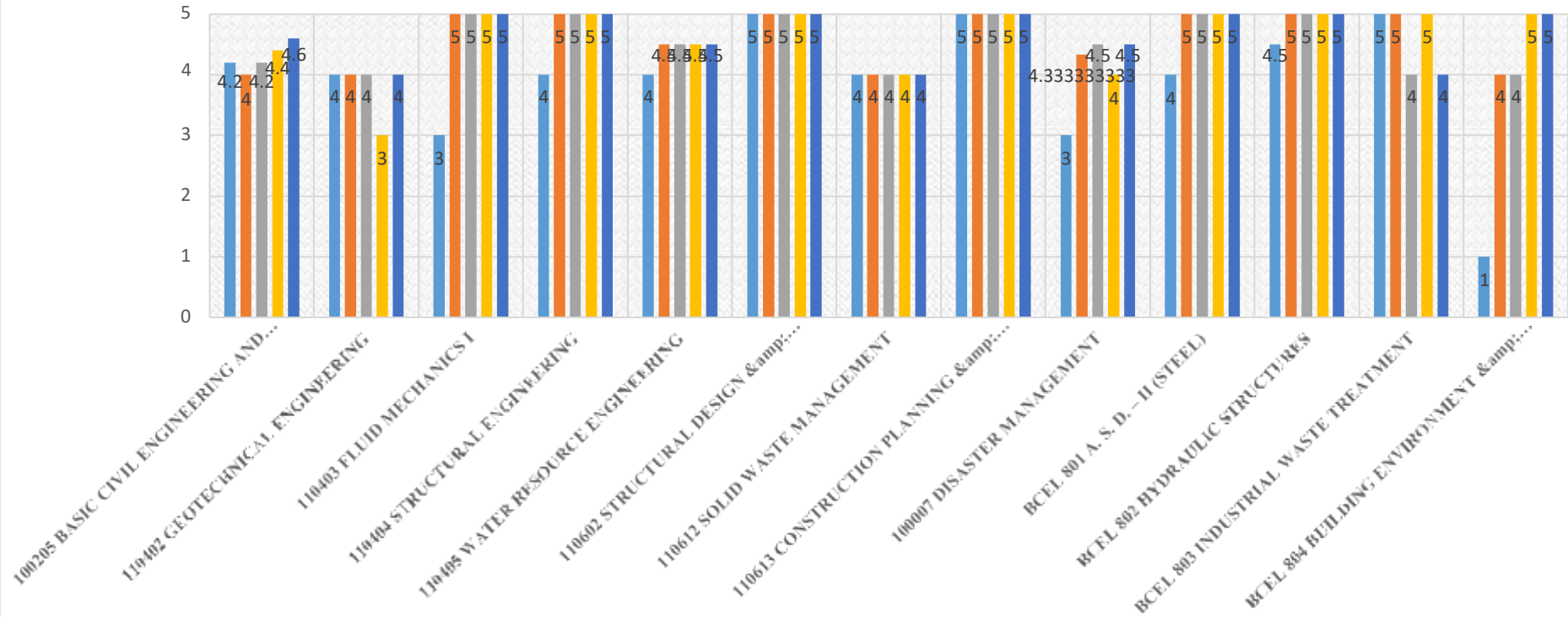
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Course Content Faculty Feedback-UG



- 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.



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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

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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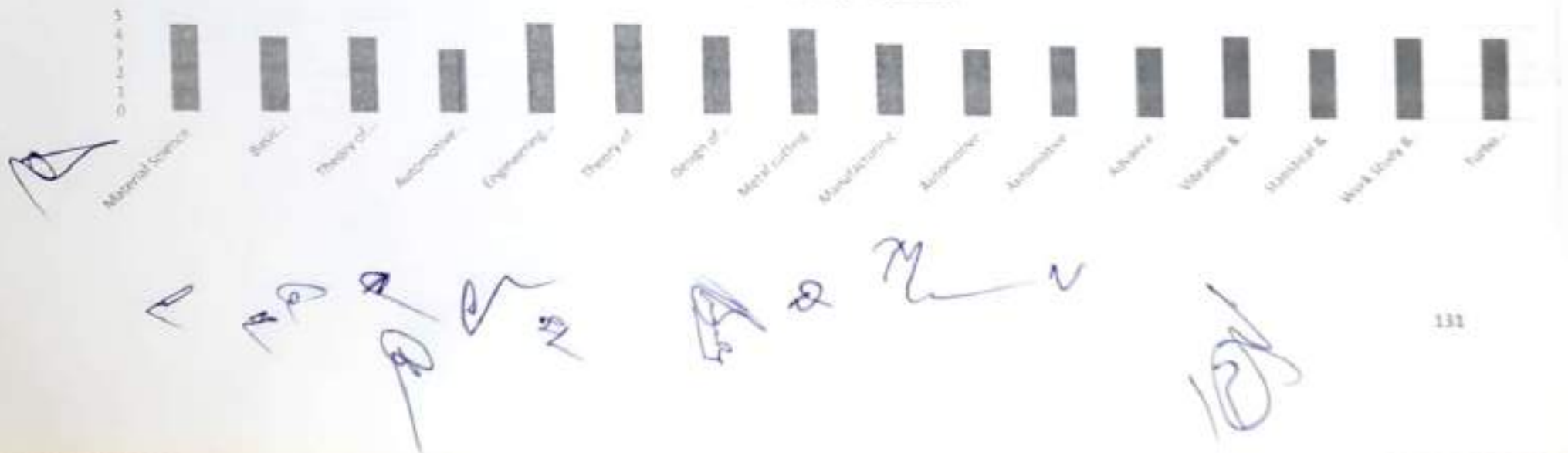
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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

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

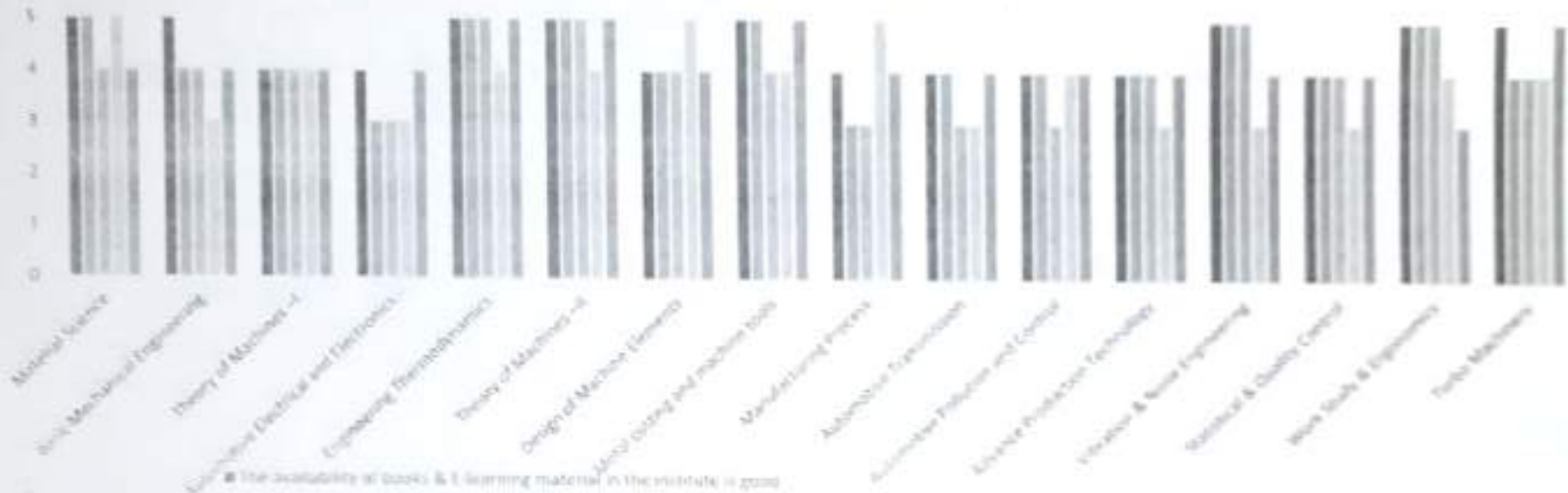
Overall Faculty Feedback





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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

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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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

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 Electronic 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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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

Alumni's Feedback on Curriculum

Action Taken on Alumni's Feedback

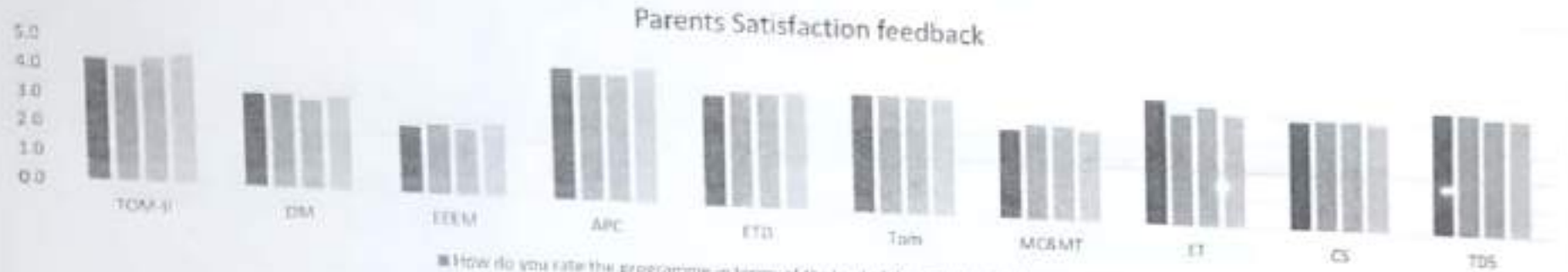
The feedback responses from alumni and action taken is illustrated in the following table:

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 be discussed and planned 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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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

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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Department of Mechanical Engineering (Stakeholders feedback report May 2022)

Employer Feedback 2021-22

Employer Feedback

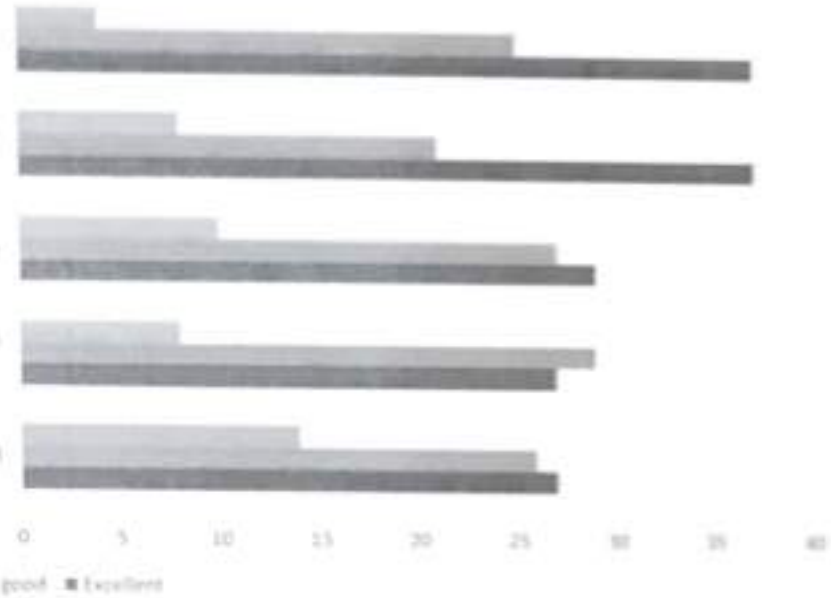
Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Demonstrated ability to work well in a team]

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 recruited 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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Department of Mechanical Engineering

Annexure-XI

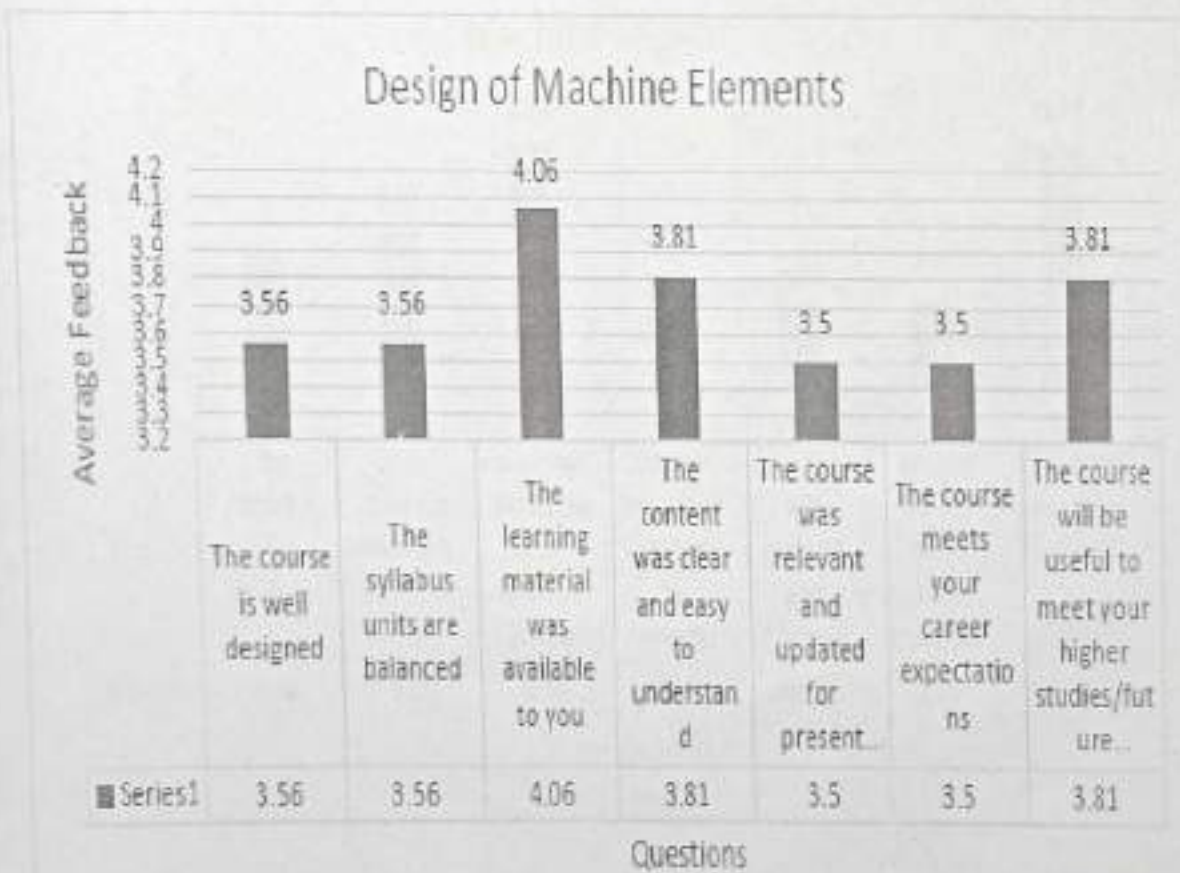
Item ME11: To review curricula feedback from various stakeholders, its analysis and impact

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

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



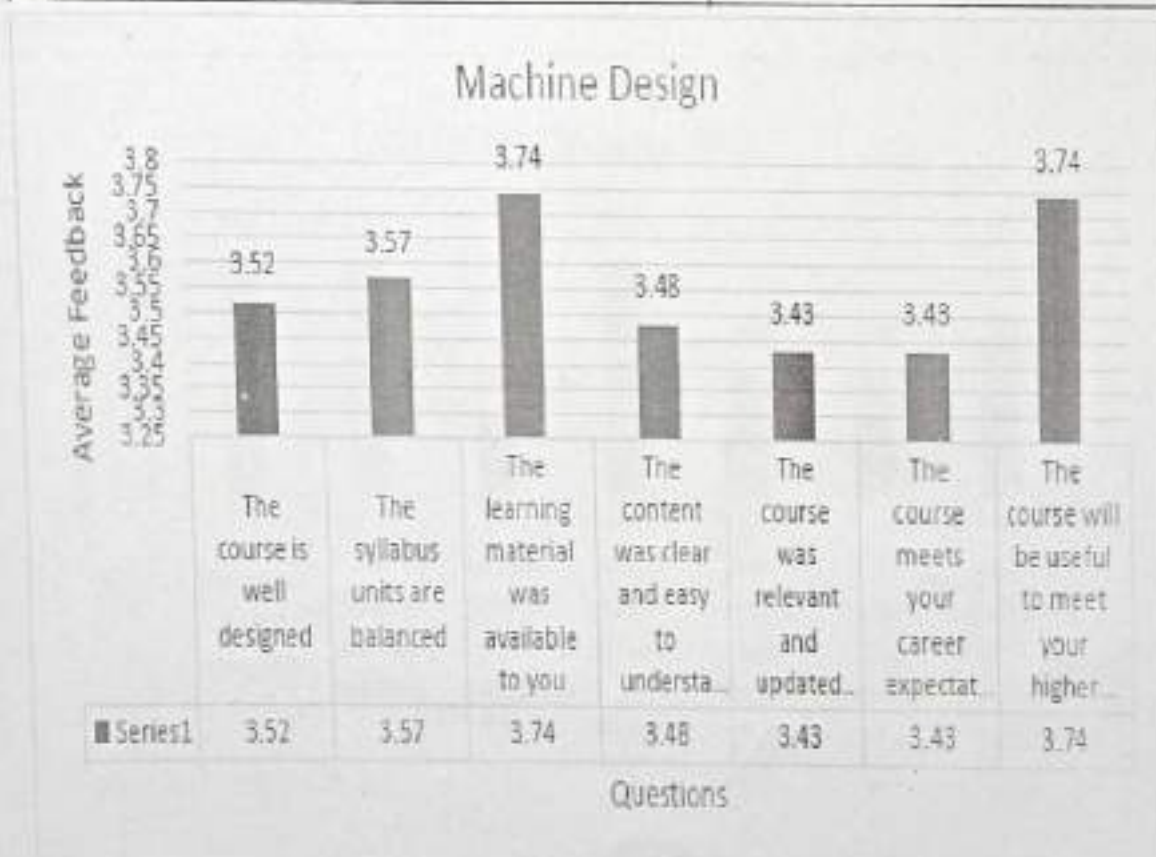
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Department of Mechanical Engineering

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



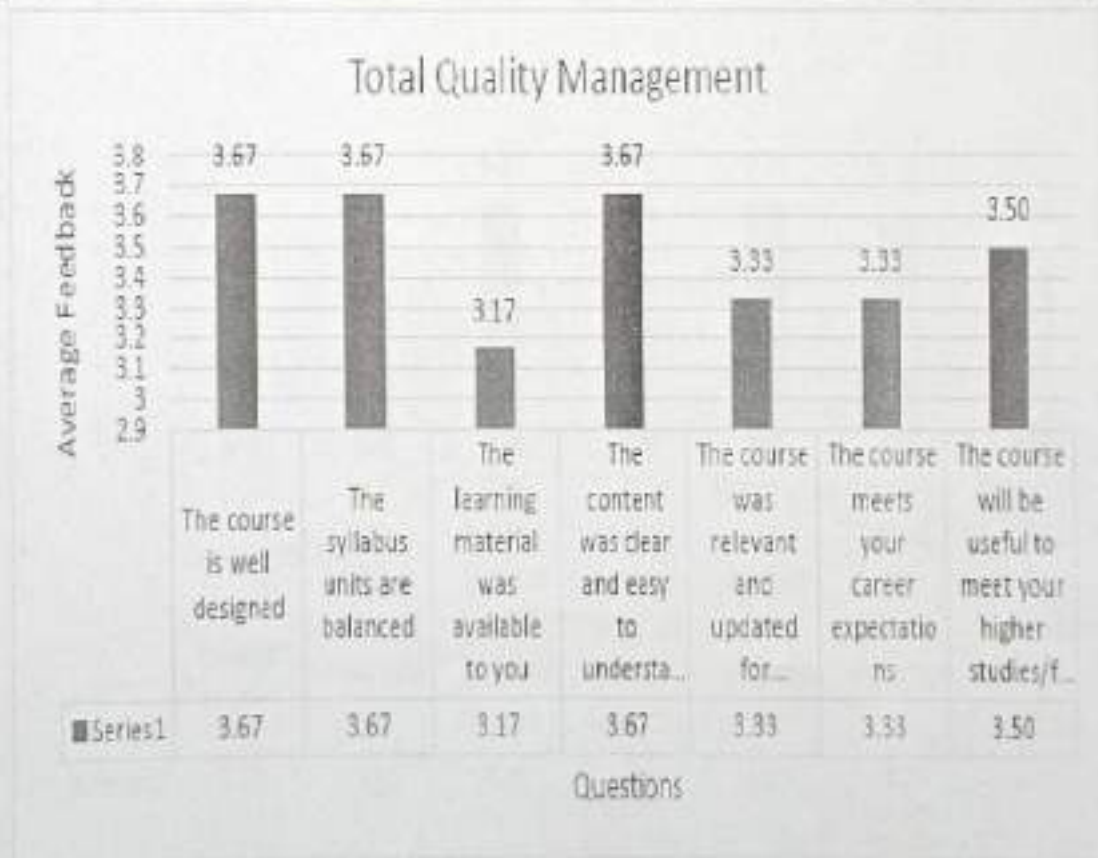
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Department of Mechanical Engineering

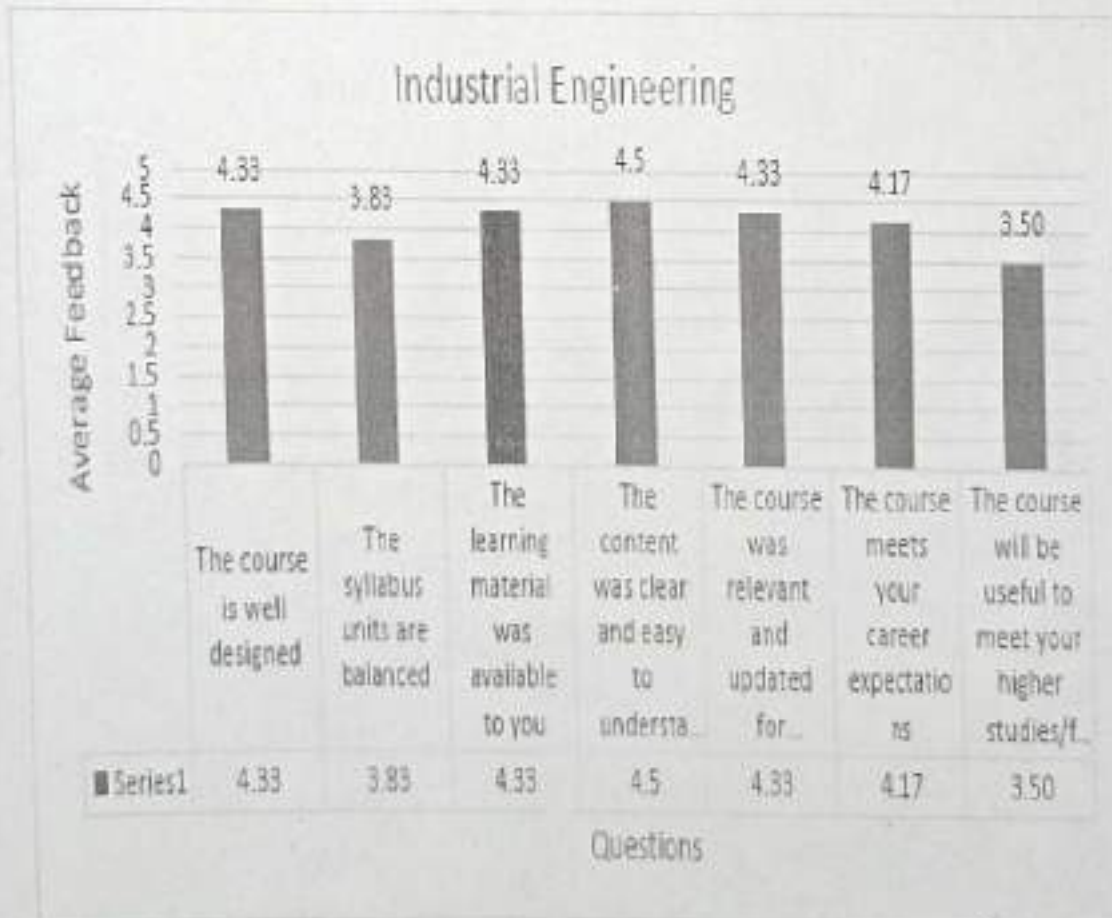
Total Quality Management	
Questions	Average Feedback (Out of 5)
The course is well designed	3.67
The syllabus units are balanced	3.67
The learning material was available to you	3.17
The content was clear and easy to understand	3.67
The course was relevant and updated for present needs	3.33
The course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



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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

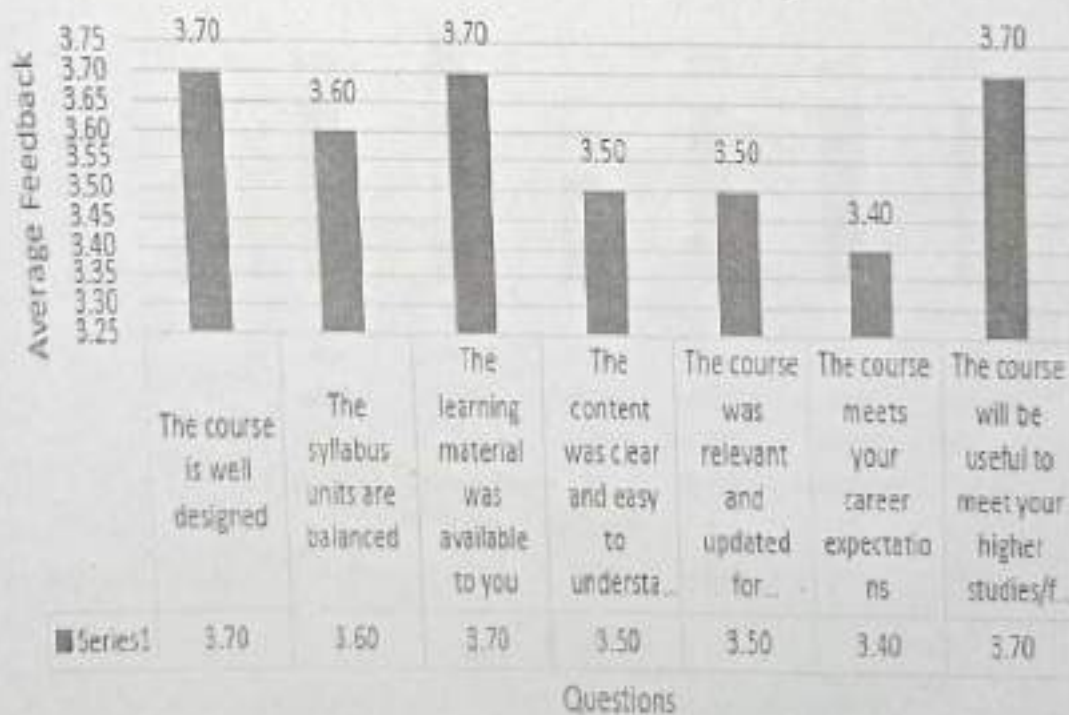


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 M. (with checkmark)
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 P. (with checkmark)

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

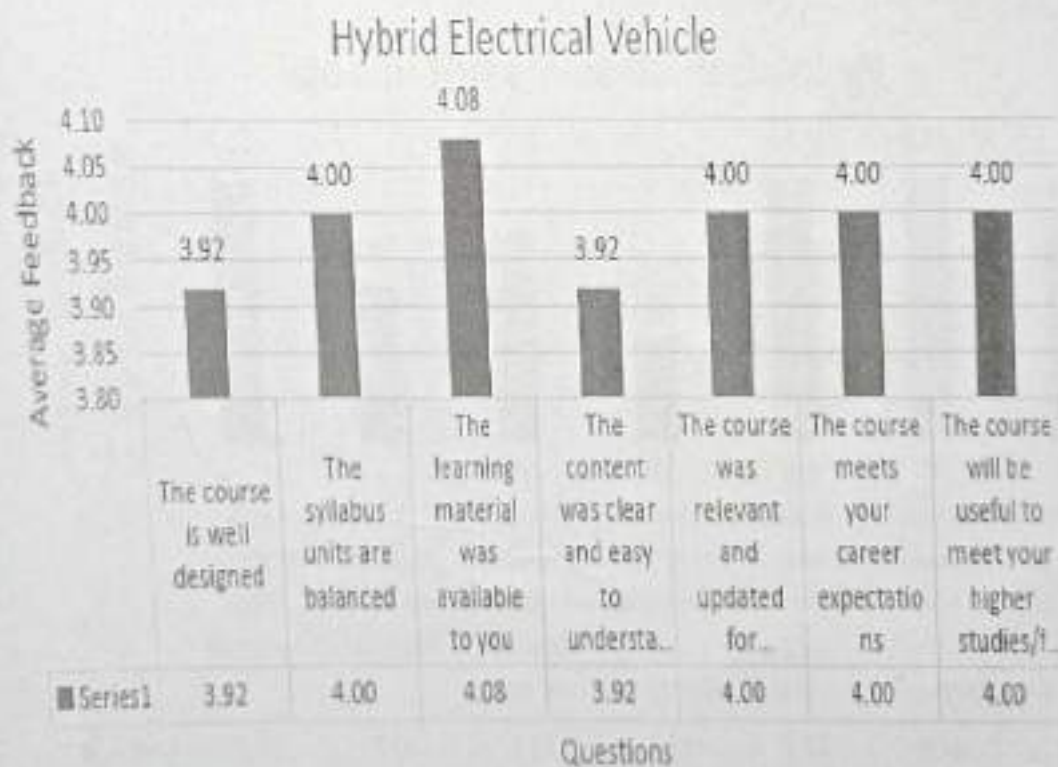
Vibration and Noise Engineering



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Hybrid Electrical Vehicle

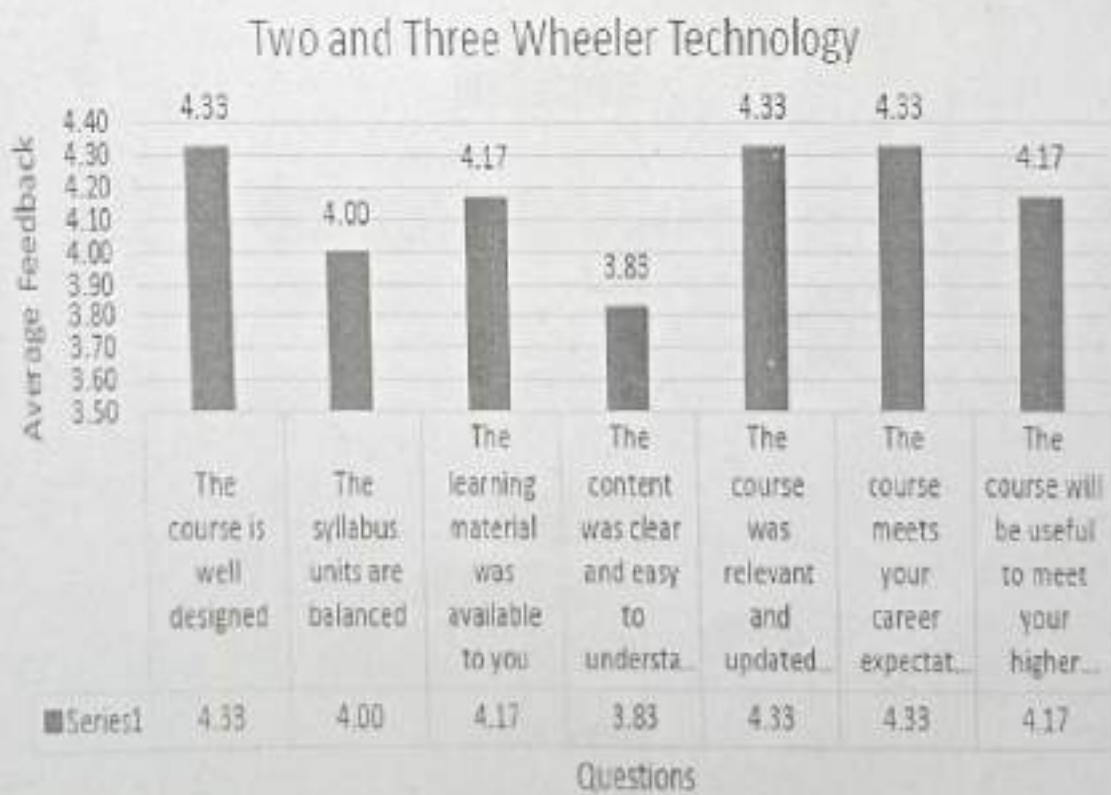
Questions	Average Feedback (Out of 5)
The course is well designed	3.92
The syllabus units are balanced	4.00
The learning material was available to you	4.08
The content was clear and easy to understand	3.92
The course was relevant and updated for present needs	4.00
The course meets your career expectations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



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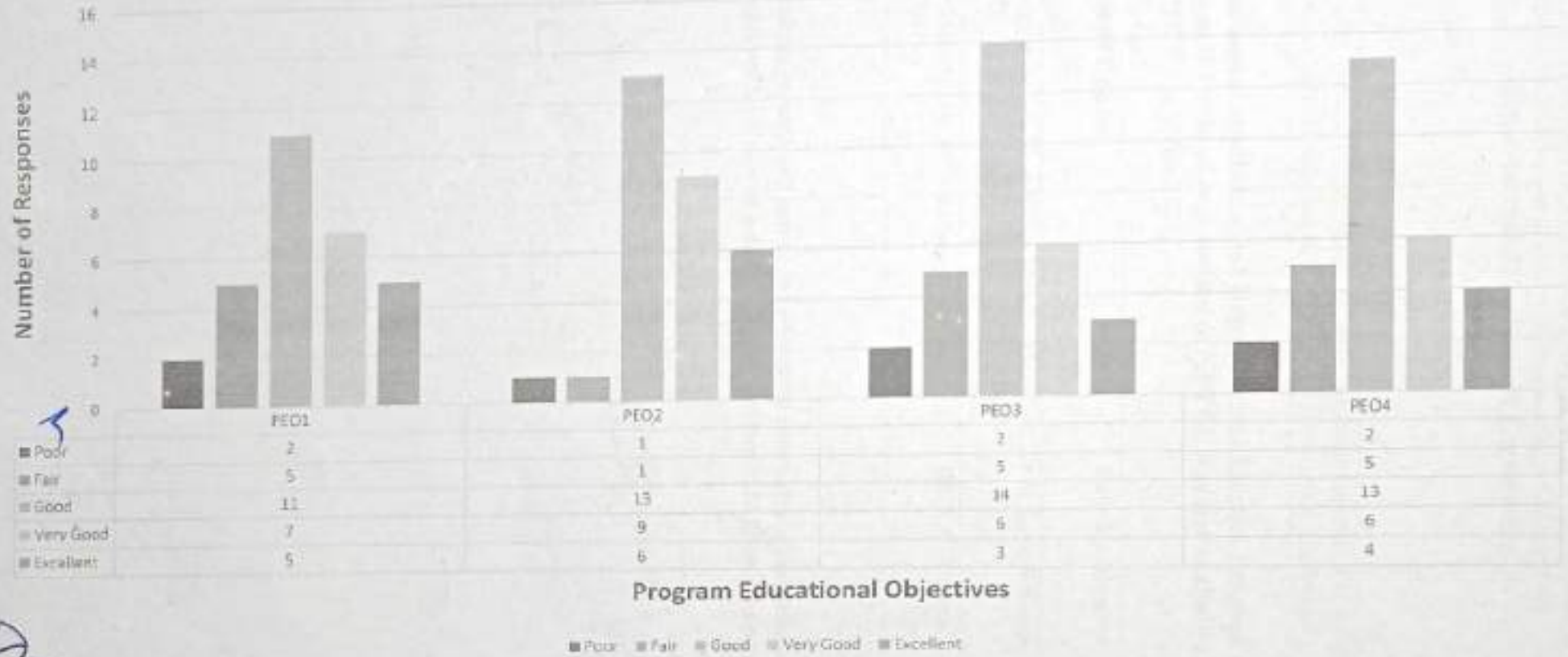
P.L.

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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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

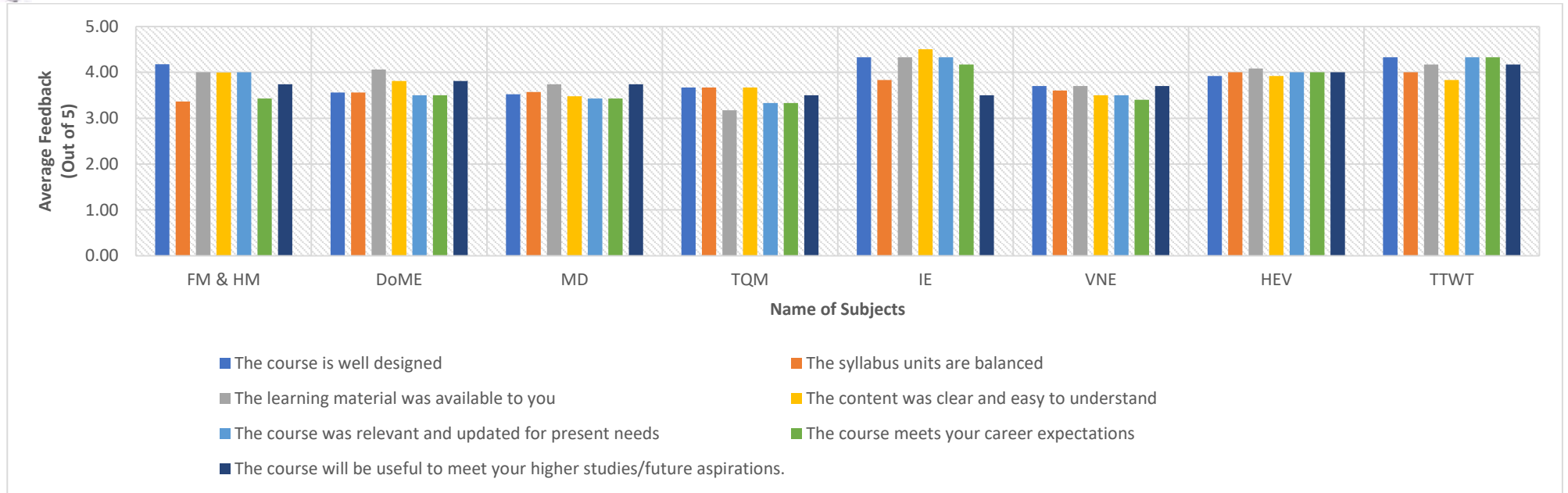
Parameters	Average Feedback (Out of 5)							
	FM & HM	DoME	MD	TQM	IE	VNE	HEV	TTWT
The course is well designed	4.18	3.56	3.52	3.67	4.33	3.70	3.92	4.33
The syllabus units are balanced	3.36	3.56	3.57	3.67	3.83	3.60	4.00	4.00
The learning material was available to you	4.00	4.06	3.74	3.17	4.33	3.70	4.08	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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Department of Mechanical Engineering

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

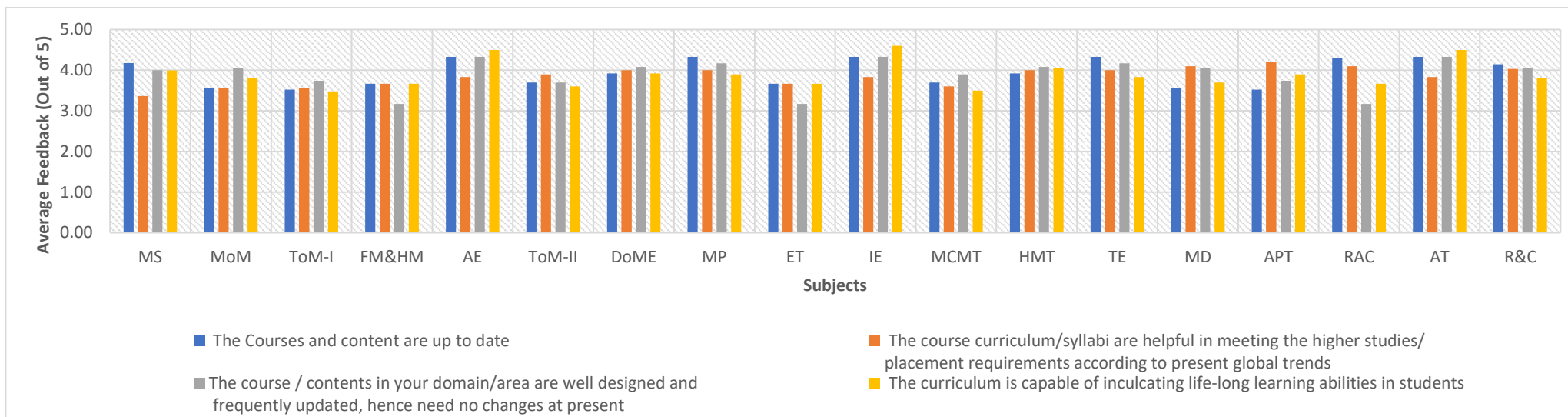


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Department of Mechanical Engineering

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





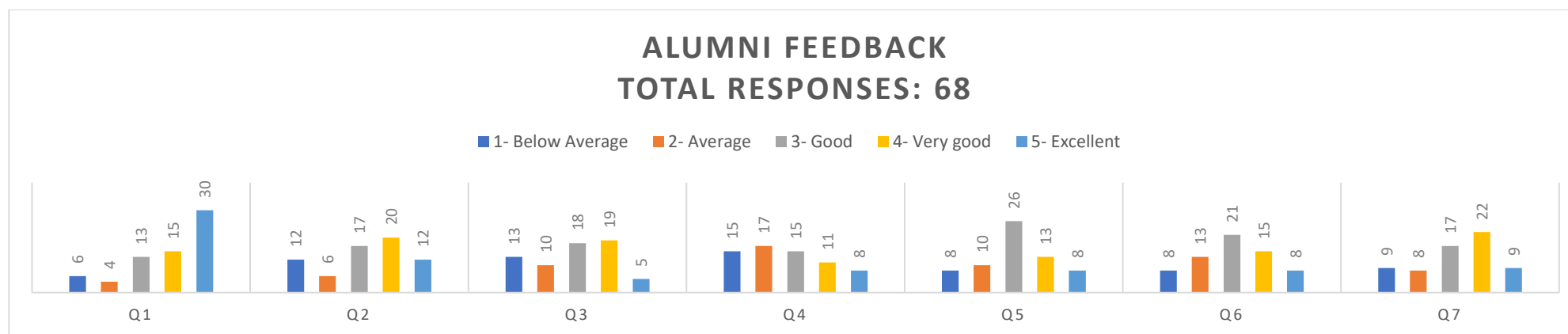
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Department of Mechanical Engineering Action Taken on Alumni's Feedback on Curriculum

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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Department of Mechanical Engineering

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.

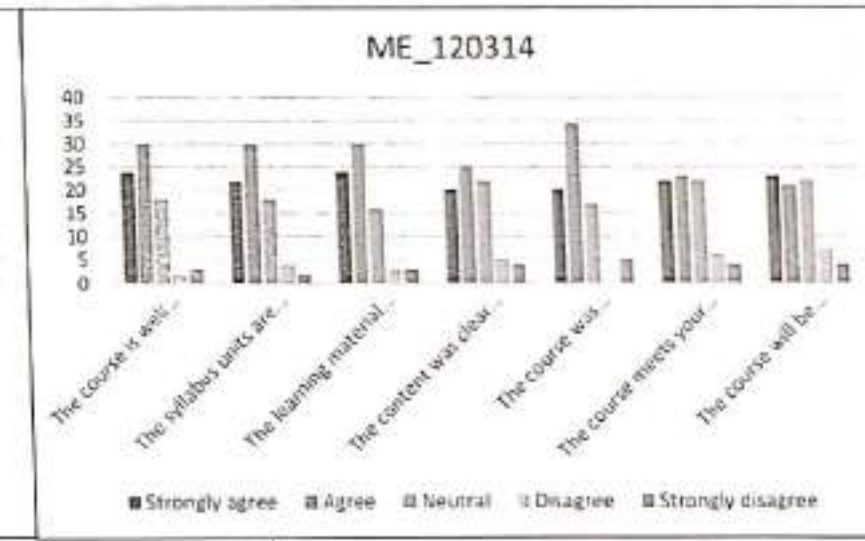
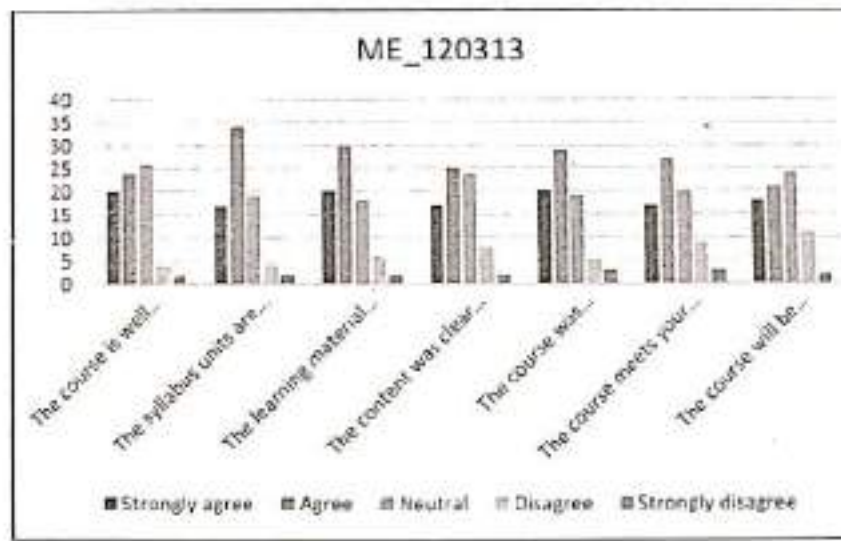
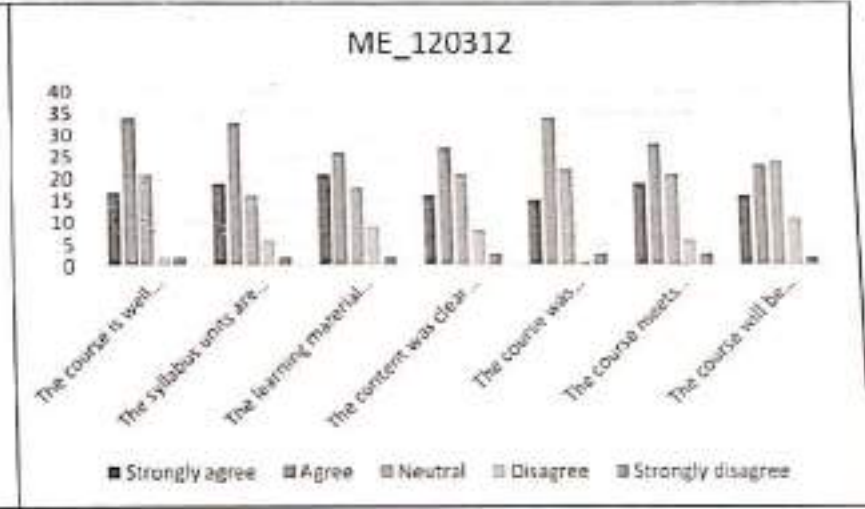
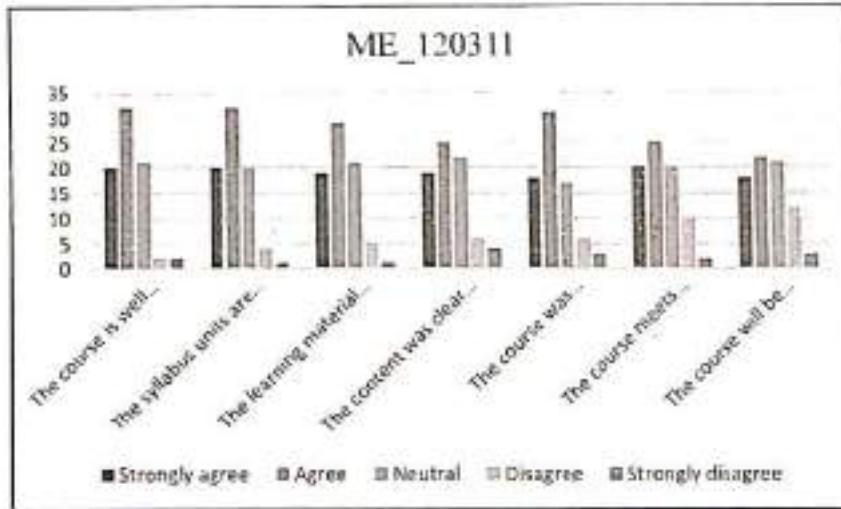
Mechanical Engineering			
	3rd Semester	5th Semester	7th Semester
Number of Registered Students	132	149	138
Number of Feedback given	78	95	42
Automobile Engineering			
	3rd Semester	5th Semester	7th Semester
Number of Registered Students	35	65	65
Number of Feedback given	12	11	17

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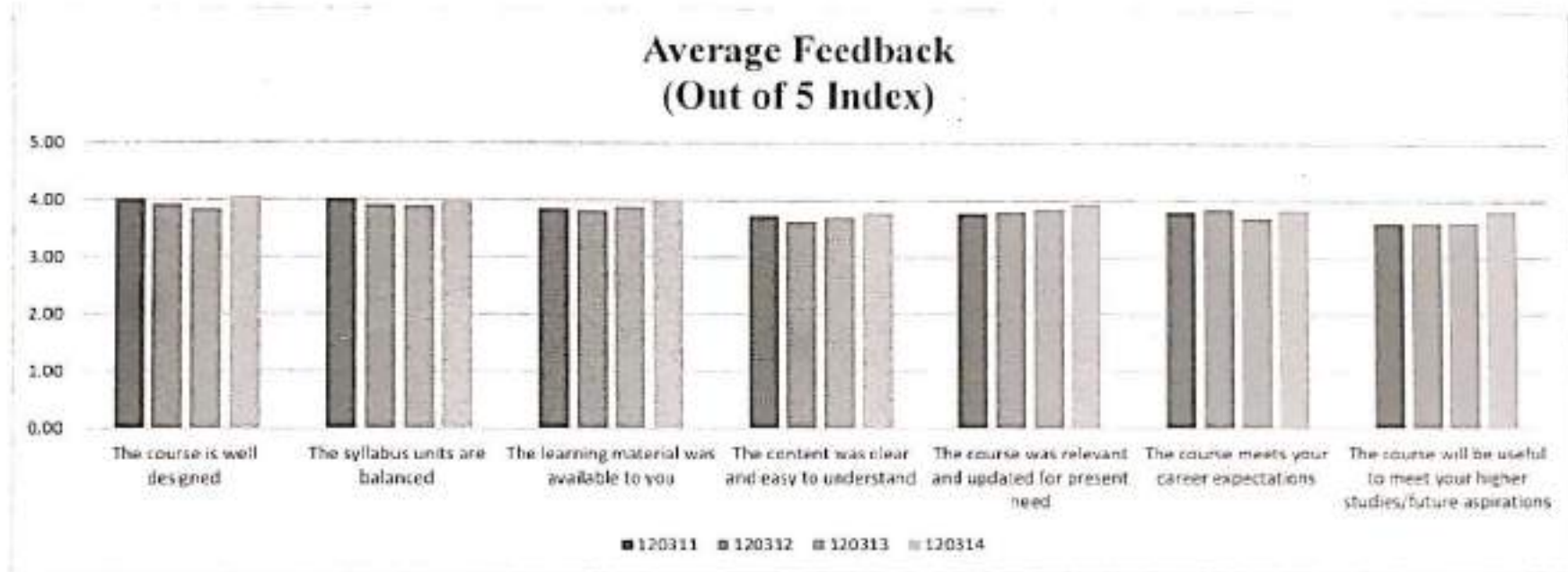
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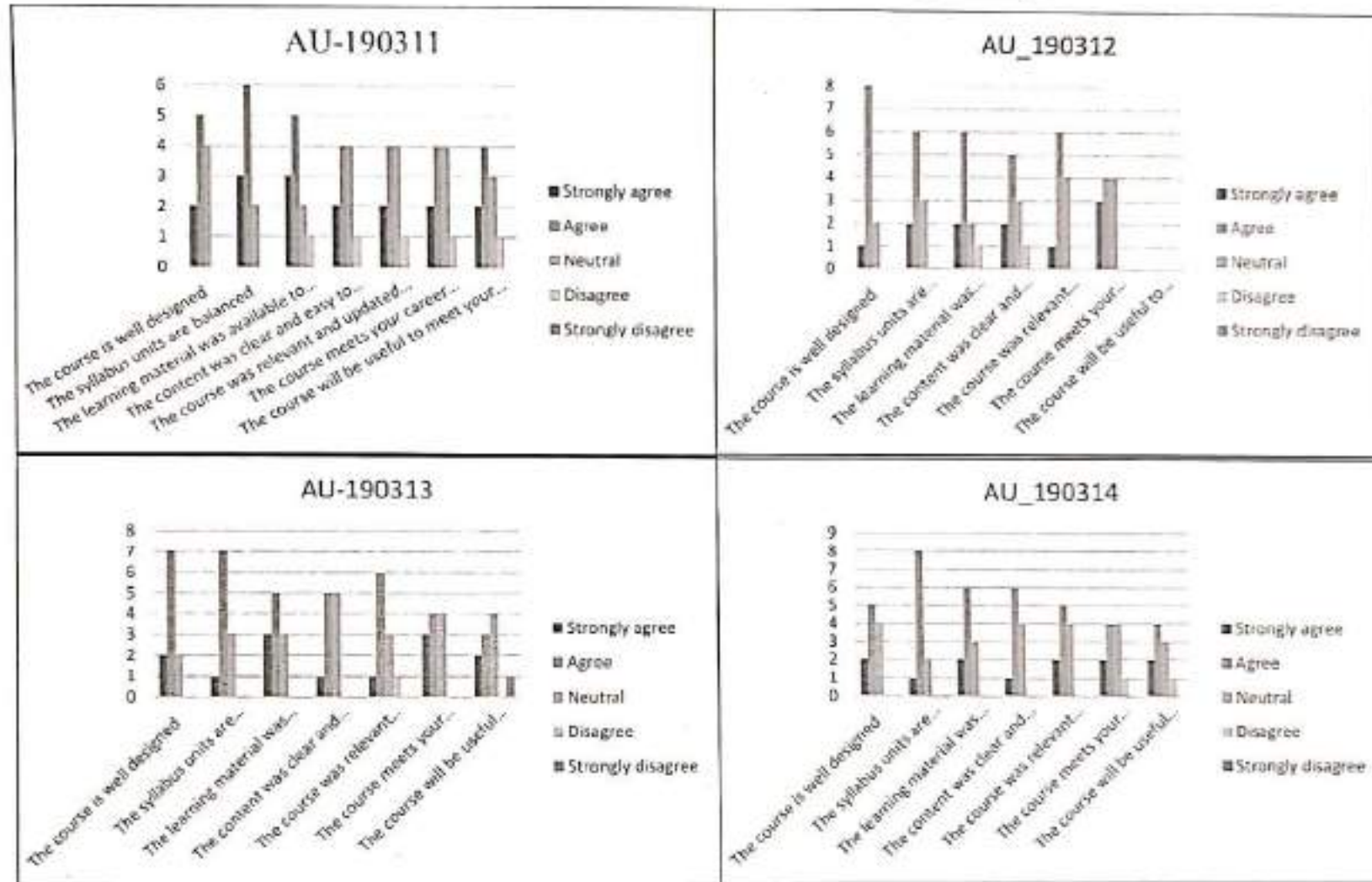


Average Feedback (Out of 5)				
Subject Code: →	120311	120312	120313	120314
The course is well designed	4.01	3.92	3.84	4.07
The syllabus units are balanced	4.01	3.91	3.89	3.97
The learning material was available to you	3.85	3.82	3.89	4.01
The content was clear and easy to understand	3.74	3.65	3.72	3.78
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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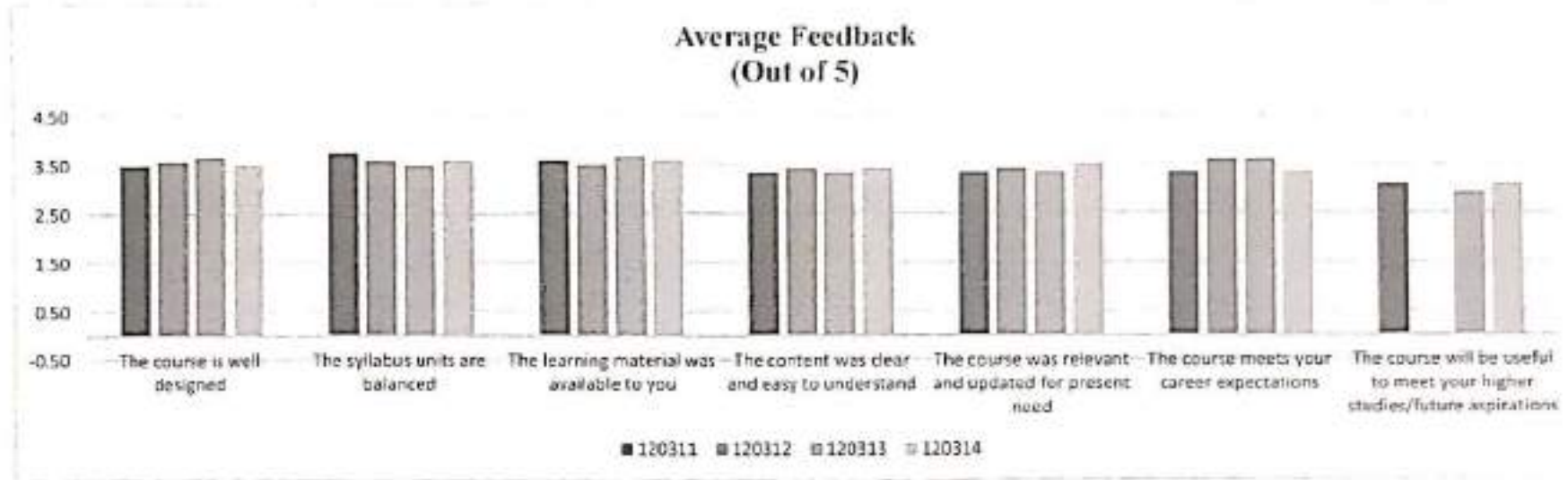


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Average Feedback (Out of 5)				
Subject Code: →	190311	190312	190313	190314
The course is well designed	3.50	3.58	3.67	3.50
The syllabus units are balanced	3.75	3.58	3.50	3.58
The learning material was available to you	3.58	3.50	3.67	3.58
The content 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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Department of Mechanical Engineering

Action Taken on Student's Feedback

V-Semester (ME/AU)

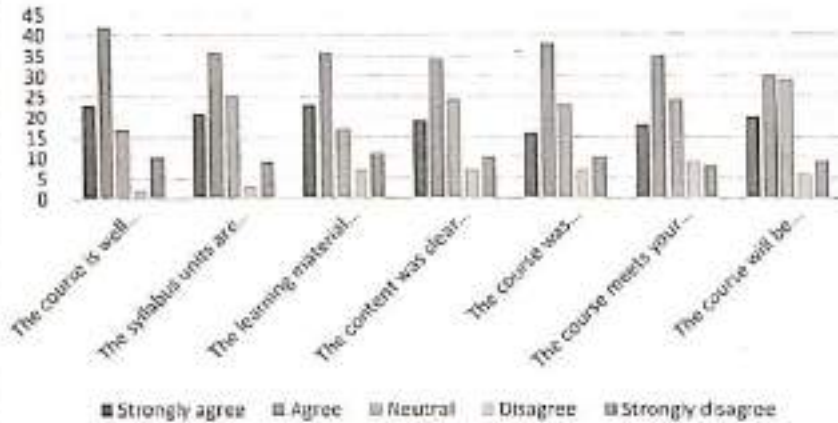
S. No.	Subject	Feedback	Action Taken
1	Industrial Engineering	Please make the next semester completely offline.	As per the office order: Offline classes will be scheduled.
2	Metal cutting and machine tools	The structure is well designed.	Most of the students are satisfied with metal cutting and machining 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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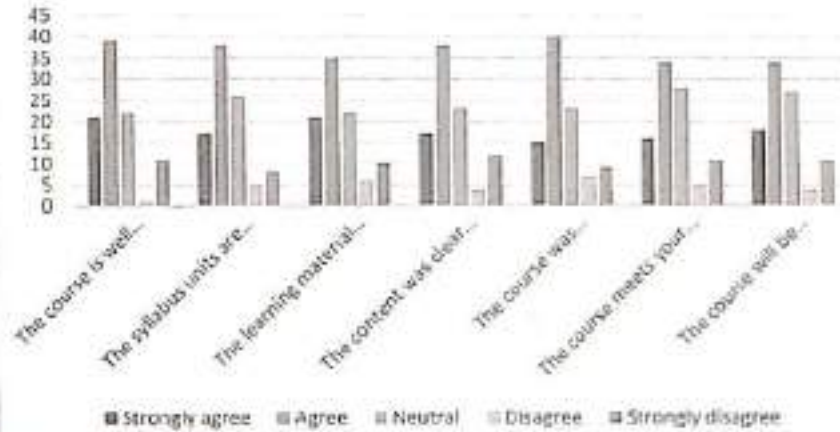


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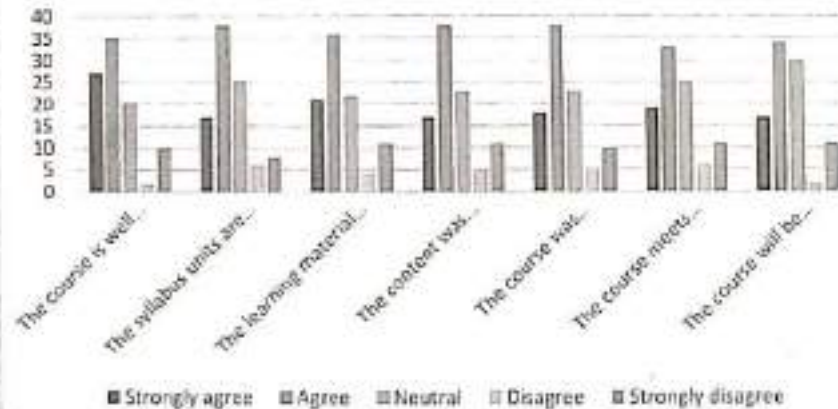
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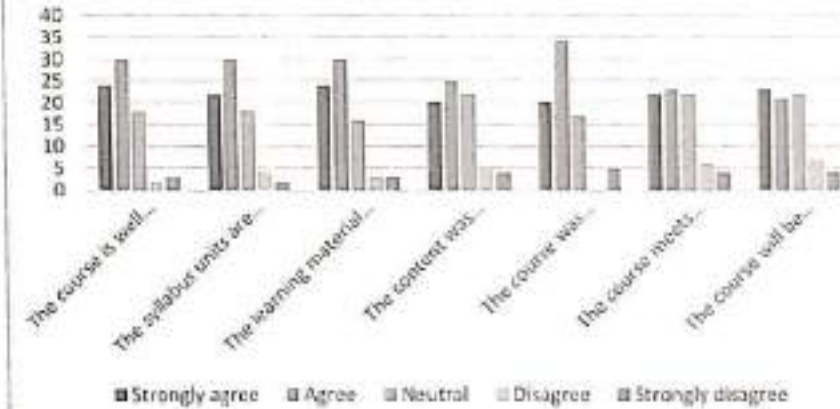
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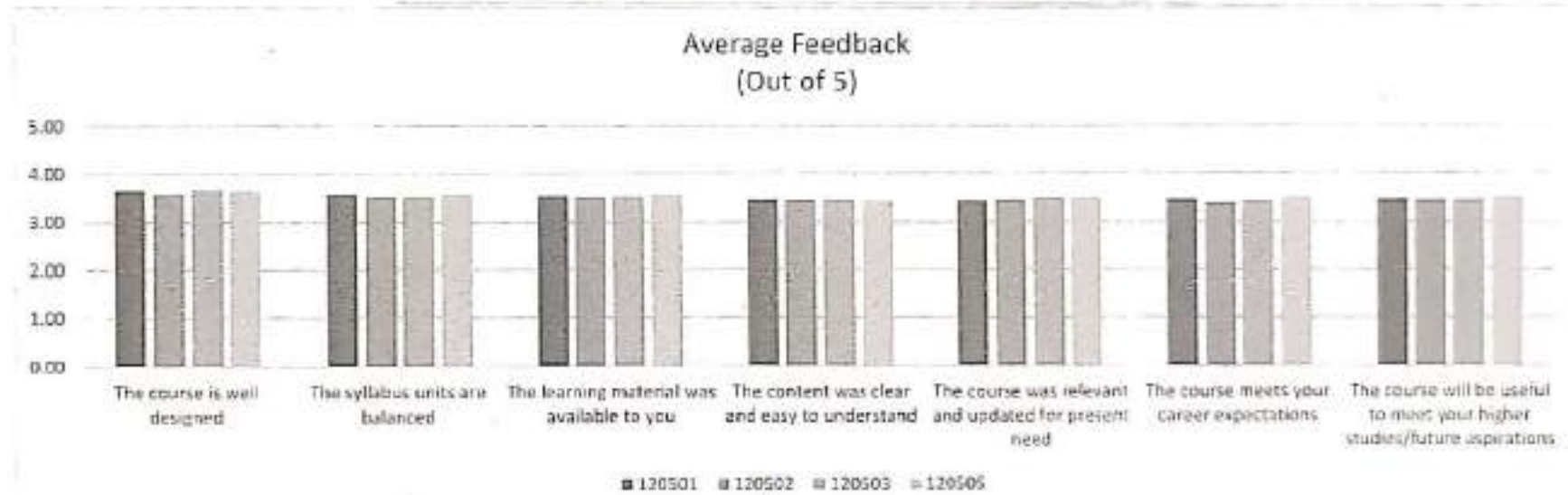
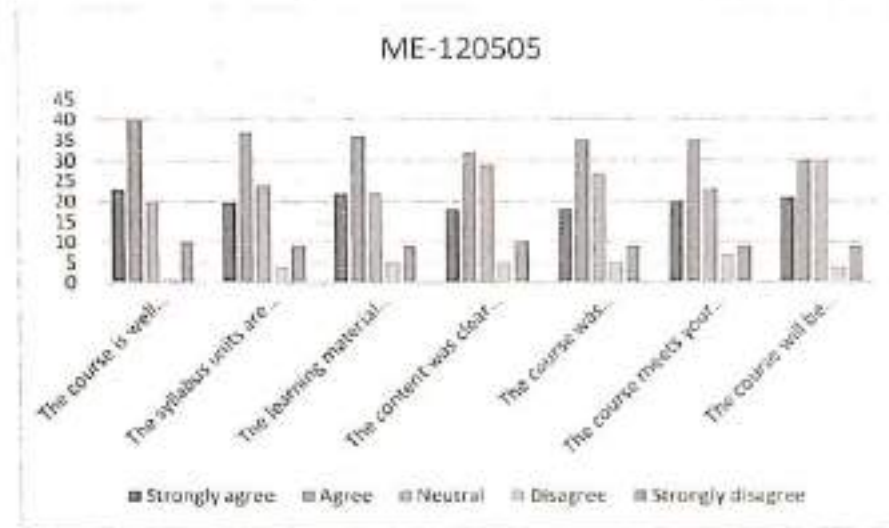
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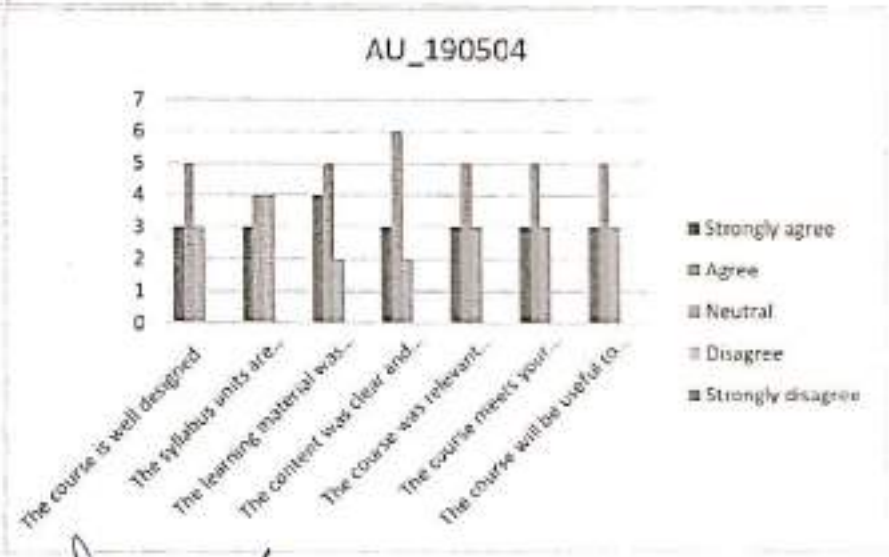
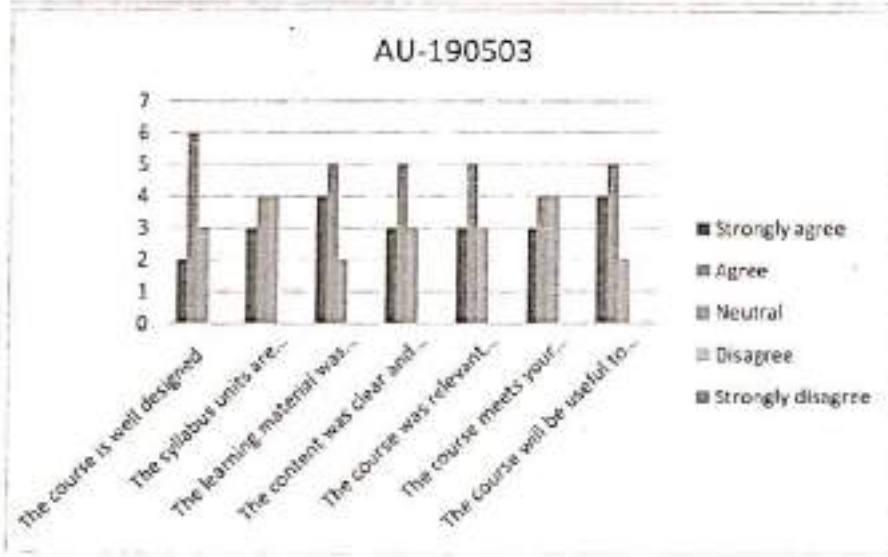
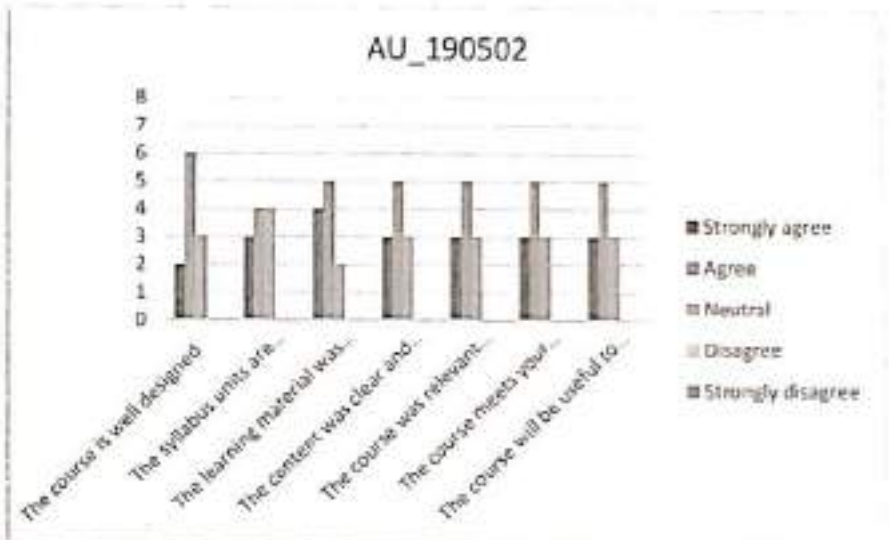
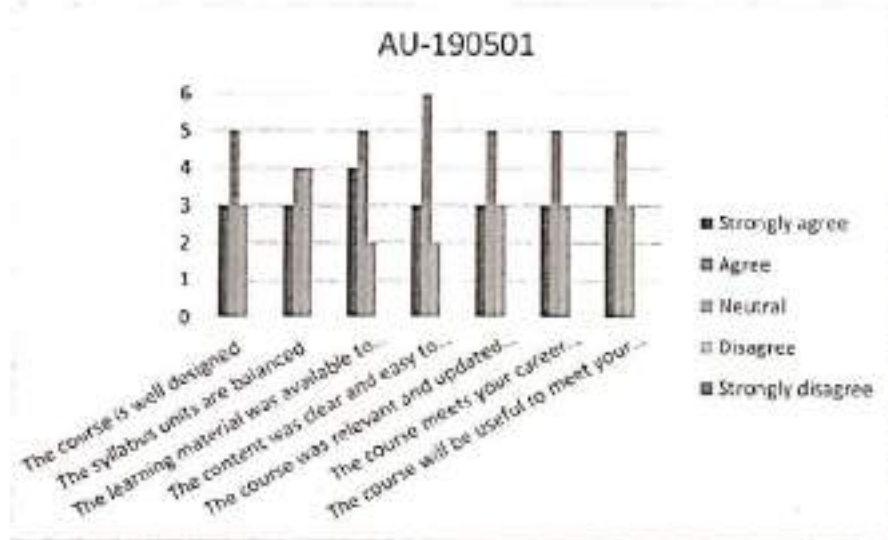
Average Feedback (Out of 5)					
Subject Code: →	120501	120502	120503	120504	120505
The course is well designed	3.66	3.58	3.67	3.17	3.65
The syllabus units are balanced	3.57	3.51	3.49	3.09	3.55
The learning material was available to you	3.53	3.51	3.52	3.13	3.57
The content was clear and easy to understand	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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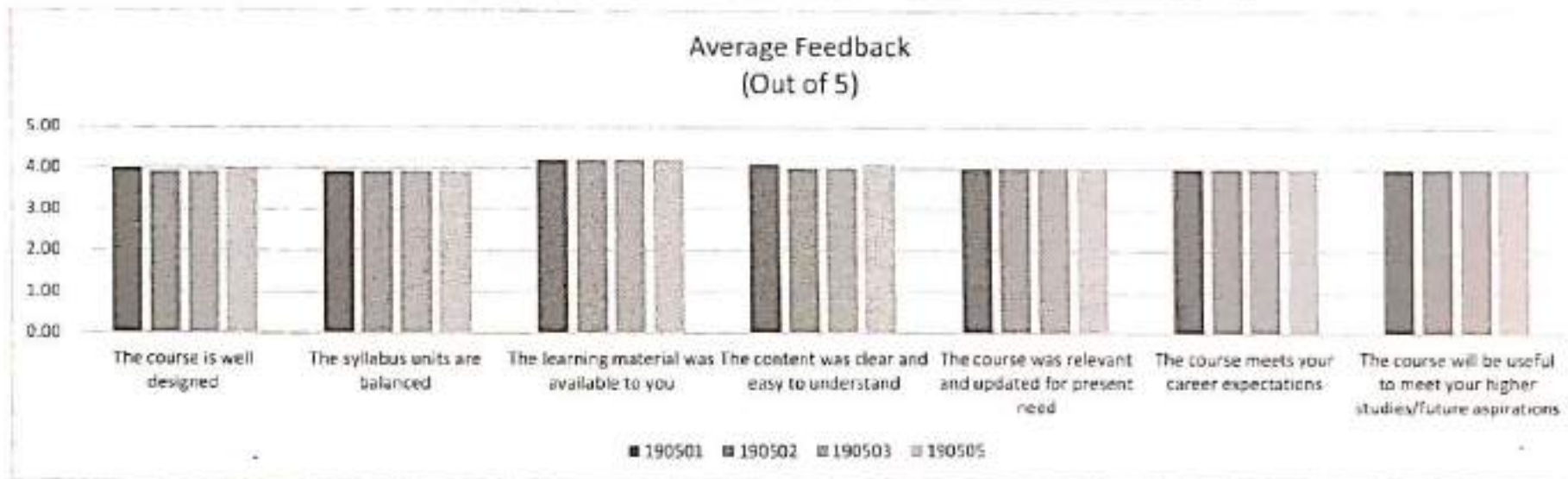
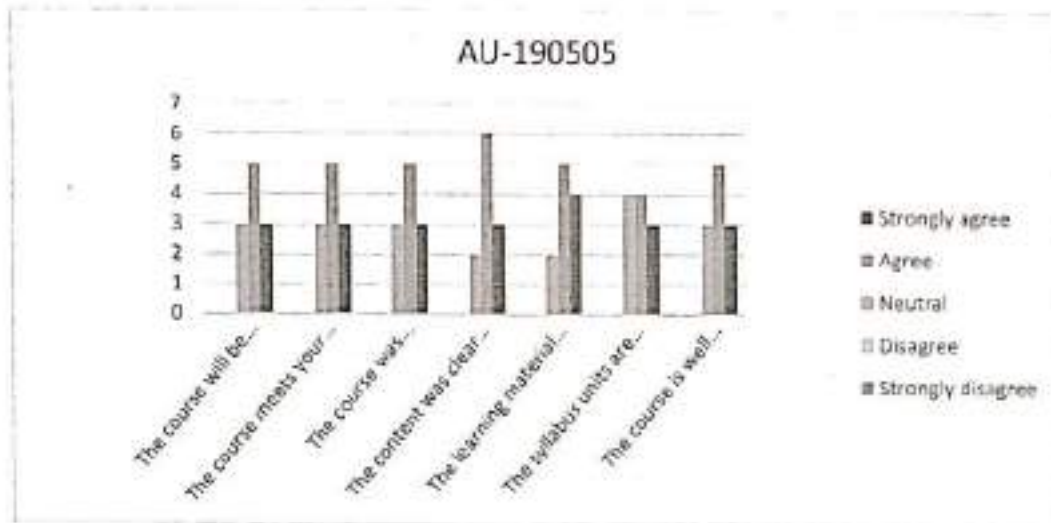


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Average Feedback (Out of 5)					
Subject Code: →	190501	190502	190503	190504	190505
The course is well designed	4.00	3.91	3.91	3.91	4.00
The syllabus units are balanced	3.91	3.91	3.91	3.91	3.91
The learning material was available to you	3.91	3.91	3.91	3.91	3.91
The content was clear and easy to understand	4.18	4.18	4.18	4.18	4.18
The course was relevant and updated for present need	4.09	4.00	4.00	4.00	4.09
The course meets your career expectations	4.00	4.00	4.00	4.00	4.00
The course will be useful to meet your higher studies/future aspirations	4.00	4.00	4.00	3.91	4.00

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Department of Mechanical Engineering

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

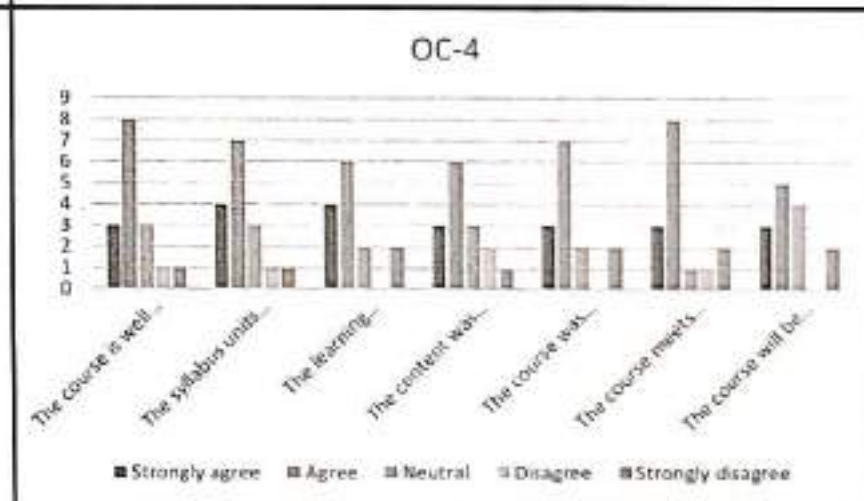
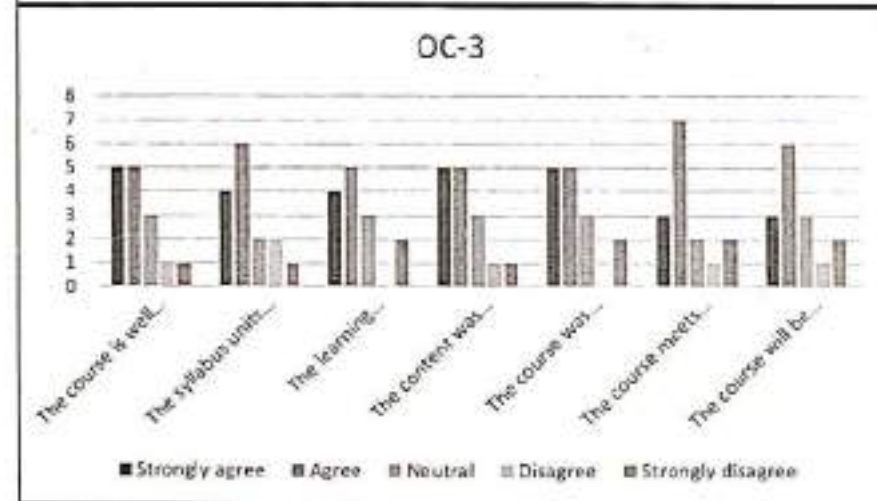
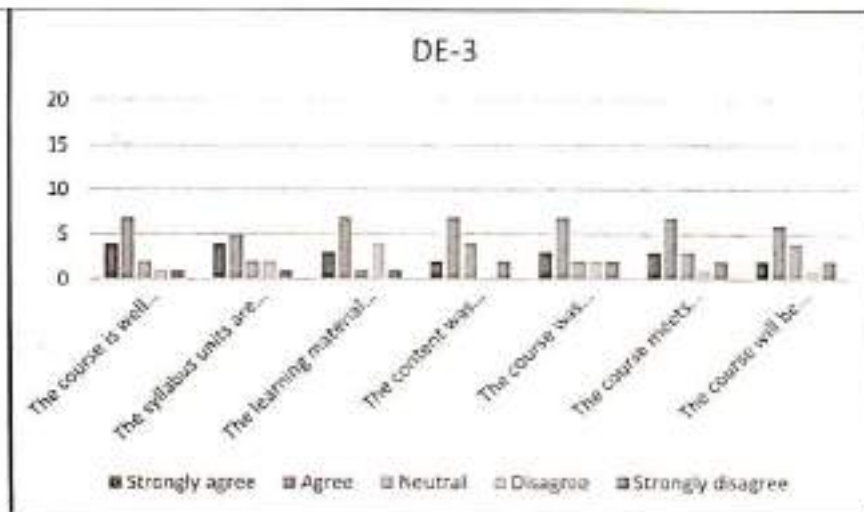
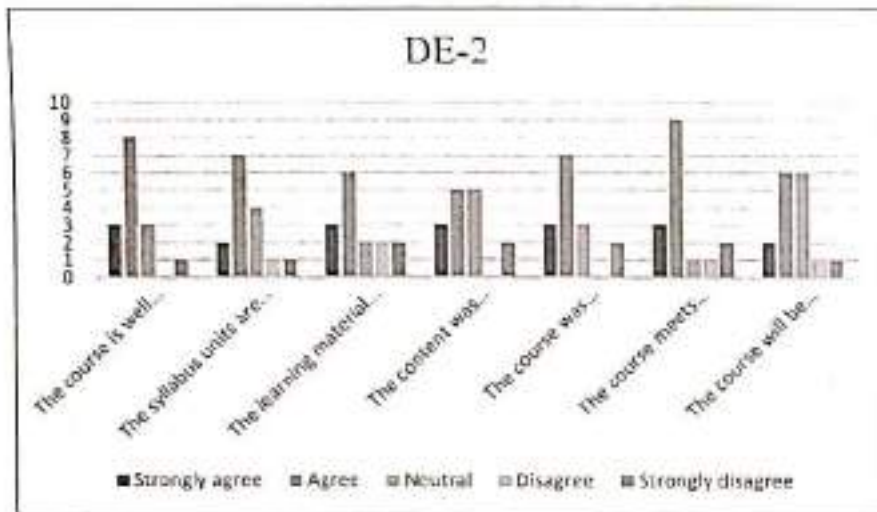
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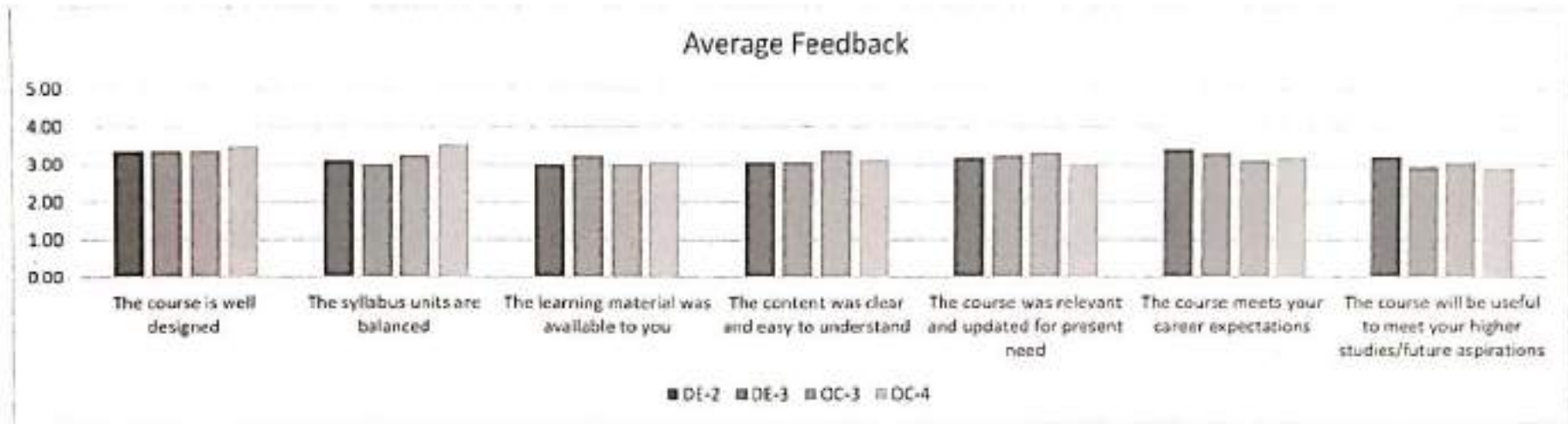
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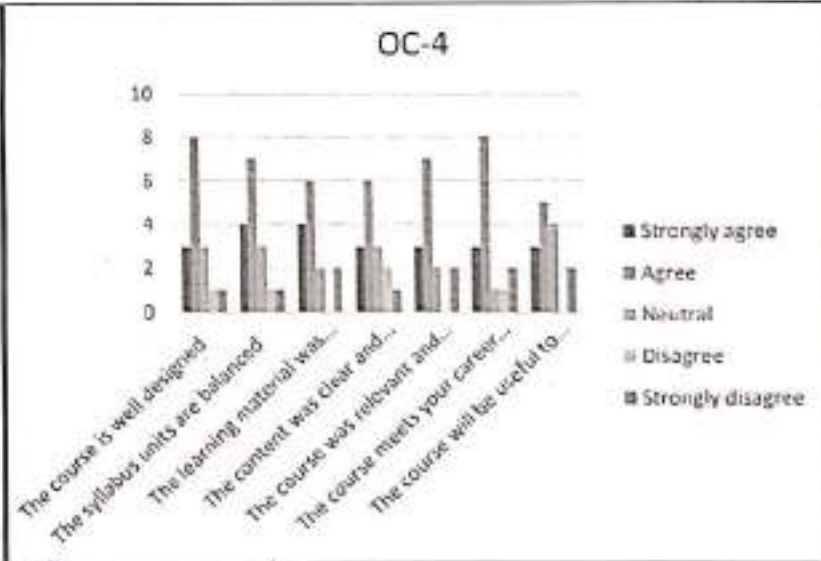
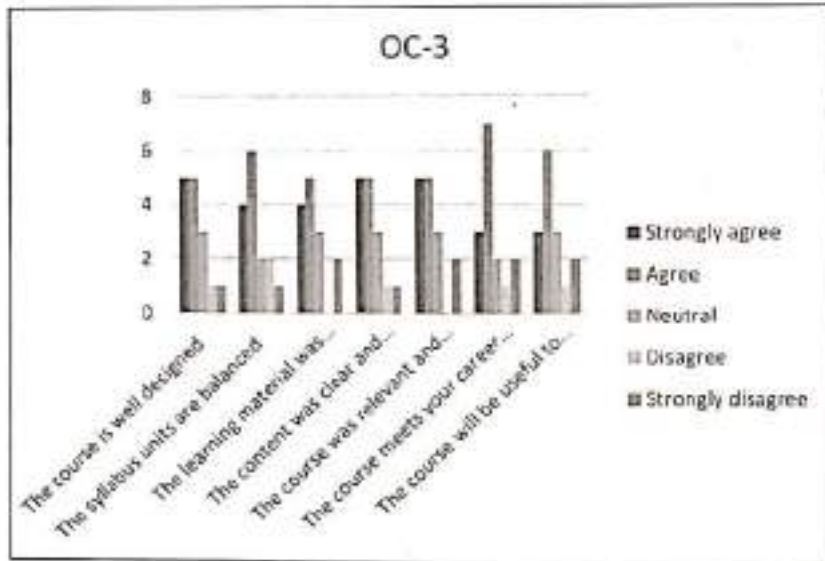
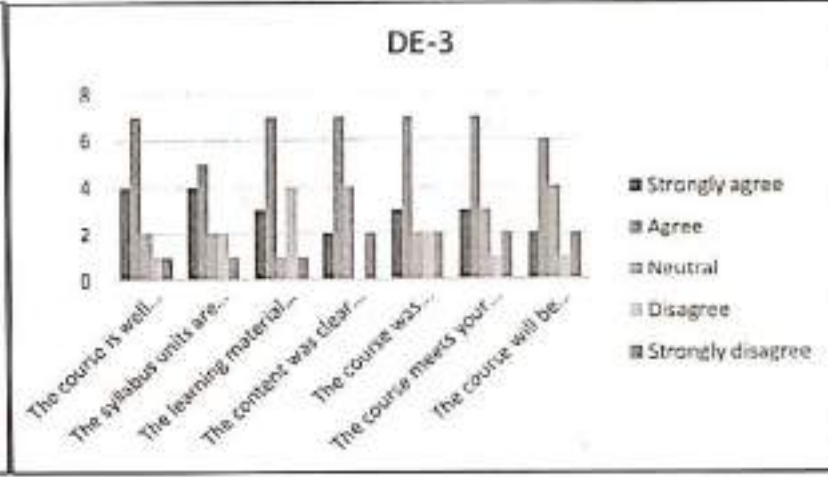
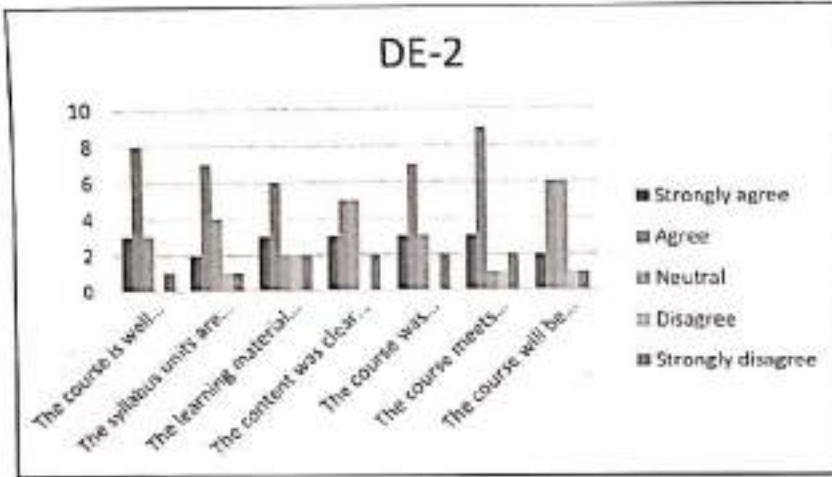


Average Feedback (Out of 5)				
Subject Code: ➔	DE-2	DE-3	OC-3	OC-4
The course is well designed	3.71	3.79	3.81	3.79
The syllabus units are balanced	3.71	3.71	3.81	3.76
The learning material was available to you	3.67	3.67	3.64	3.86
The content was clear and easy to understand	3.60	3.62	3.71	3.76
The course 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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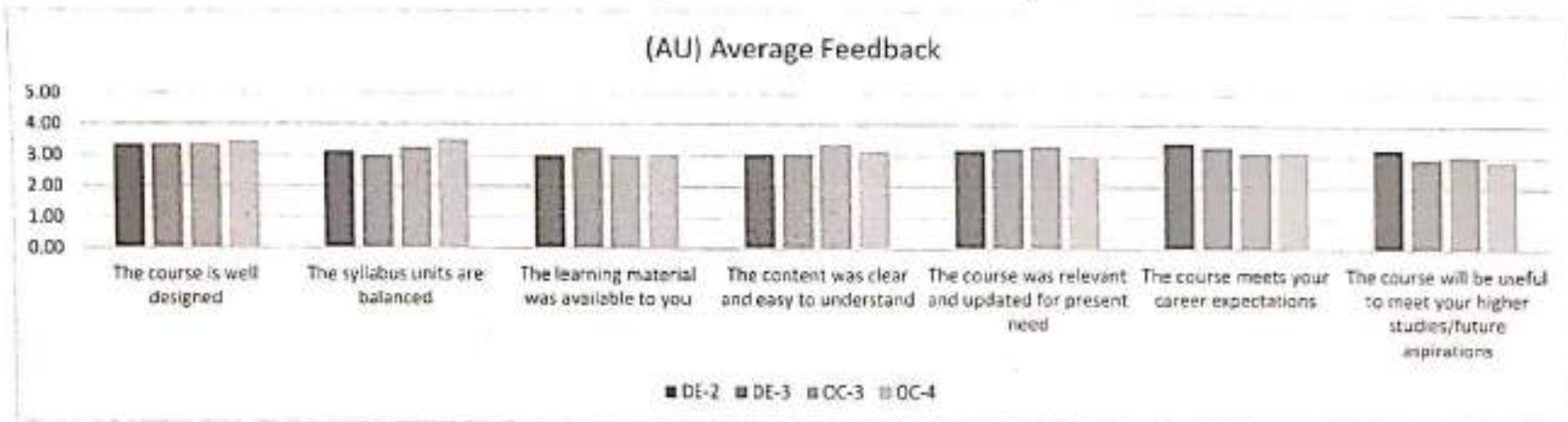
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Average Feedback (AU) (Out of 5)				
Subject Code: →	DE-2	DE-3	OC-3	OC-4
The course is well designed	3.35	3.35	3.35	3.47
The syllabus units are balanced	3.12	3.00	3.24	3.53
The learning material was available to you	3.00	3.24	3.00	3.06
The content 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

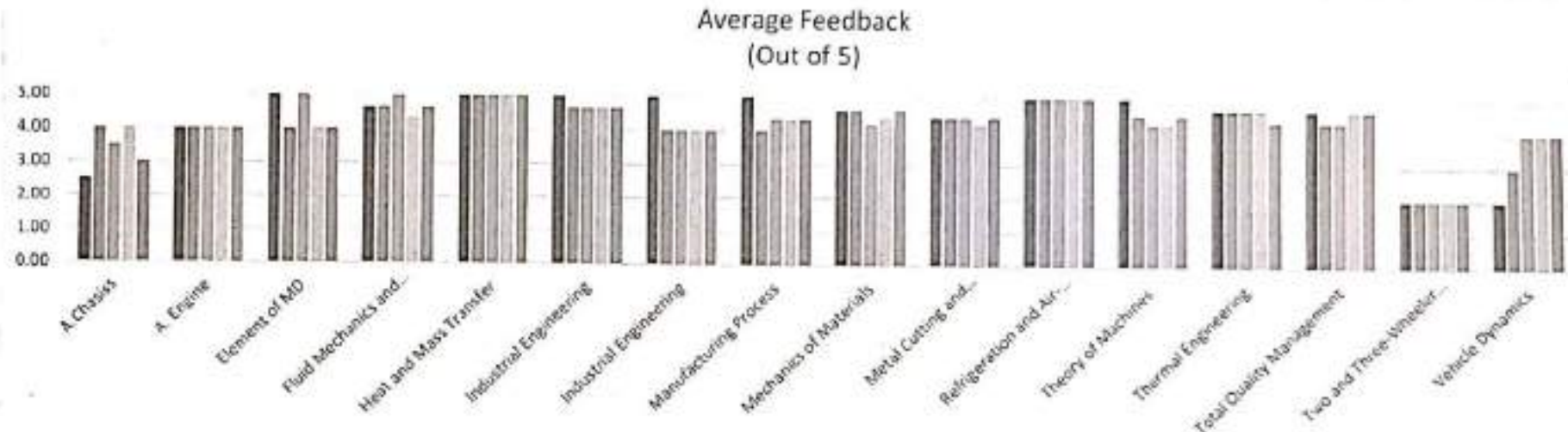
S.No.	Subject	Feedback	Action Taken
1	Mechanics of materials	Lab should be updated	Updated
2	Total Quality Management	More company and data base case studies to be considered. Management faculty, industry person etc. can share 2-3 unit's delivery.	Department has been taken initiatives to incorporate 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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P.K. (with arrow pointing to the first list item)
B... (with arrow pointing to the second list item)
A... (with arrow pointing to the third list item)
H... (with arrow pointing to the fourth list item)
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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

M P.K. K.S. B. S. H. G. R.D.



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

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Department of Mechanical Engineering

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]

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Department of Mechanical Engineering

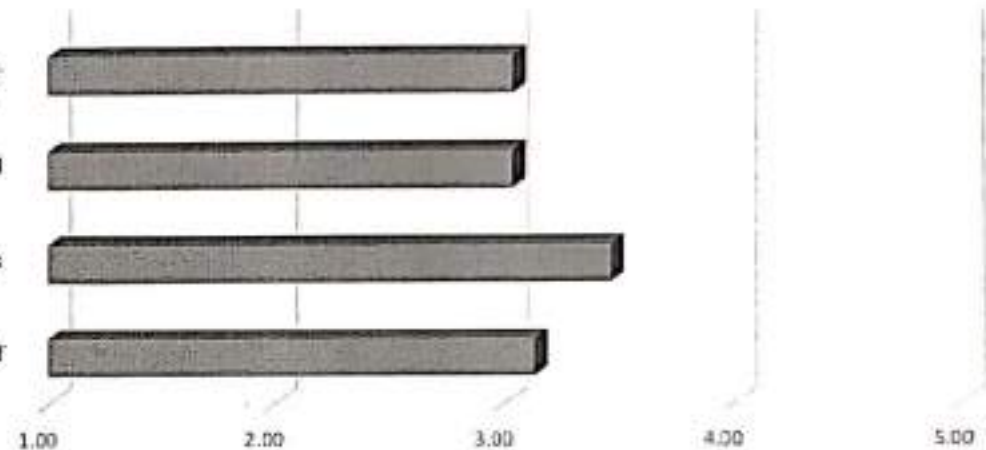
Average Feedback out of 5

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

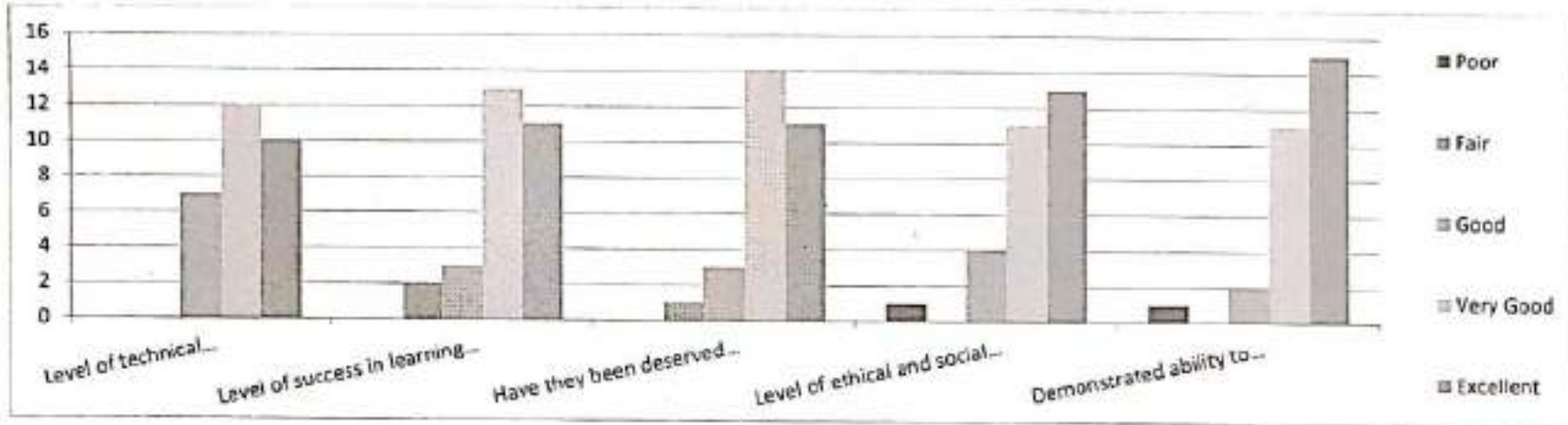
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Department of Mechanical Engineering

Employer Feedback on Curriculum

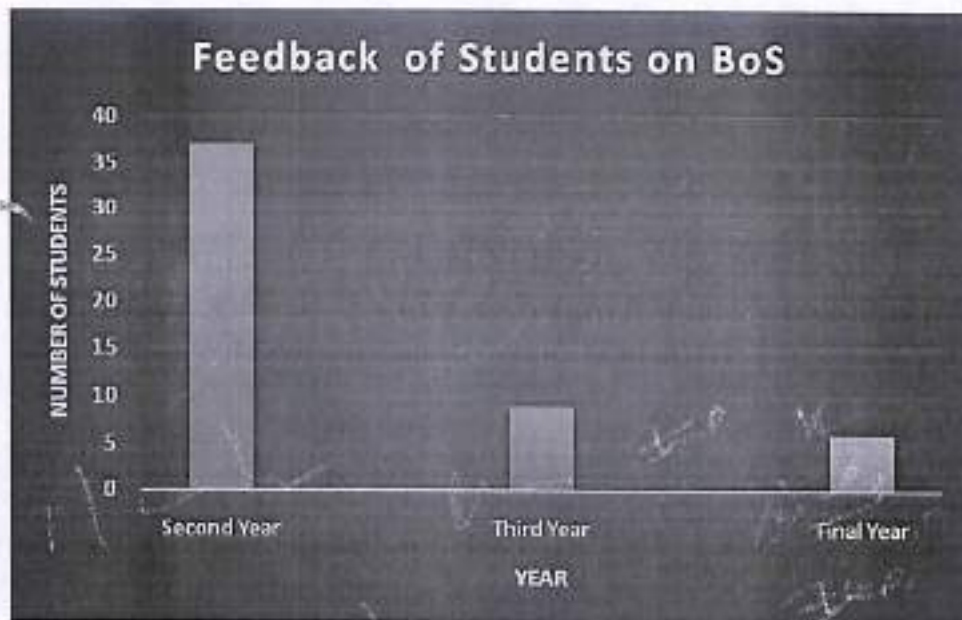


SUMMARY SHEET (Employer Satisfaction Survey) Sample Size : 29

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)						

(Handwritten signatures and initials in blue ink)

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

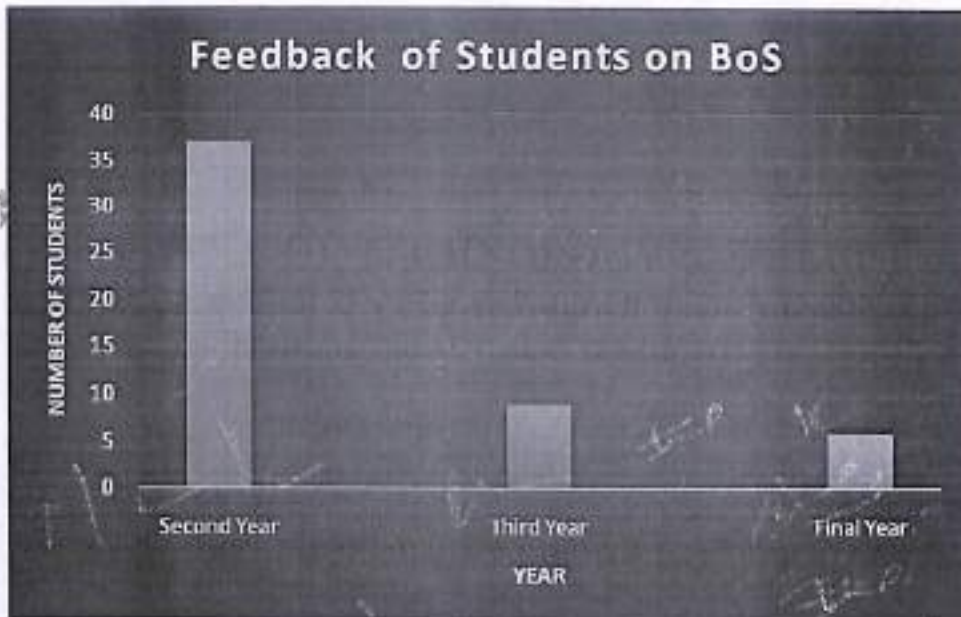


FEEDBACK AND SUGGESTIONS OF STUDENTS TO BE CONSIDERED FOR BOARD OF STUDIES

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

[Handwritten signatures and initials in blue ink]

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

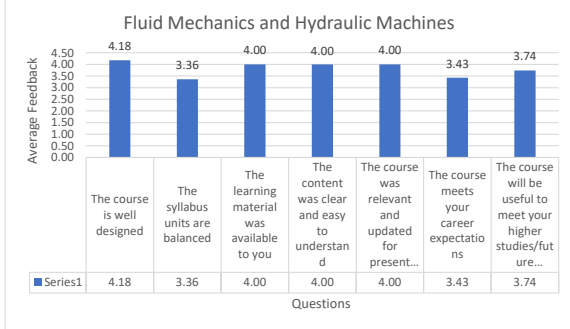
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[Handwritten signatures and initials in blue ink]

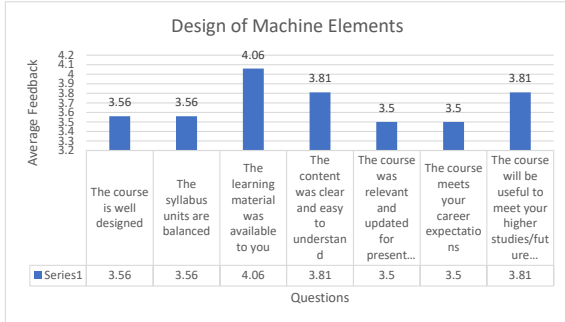
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
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DEPARTMENT OF MECHANICAL ENGINEERING
 To review curricula feedback from various stakeholders, its analysis and impact
STUDENT FEEDBACK ON CURRICULUM

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

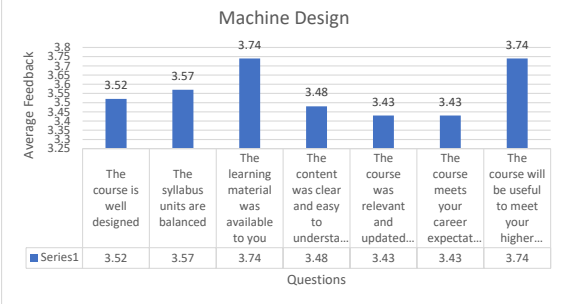
FLUID MECHANICS AND HYDRAULIC MACHINES	
Questions	Average Feedback (Out of 5)
The course is well designed	4.18
The syllabus units are balanced	3.36
The learning material was available to you	4.00
The content was clear and easy to understand	4.00
The course was relevant and updated for present needs	4.00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



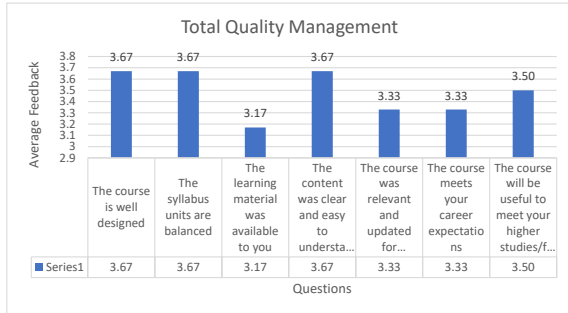
Design of Machine Elements	
Questions	Average Feedback (Out of 5)
The course is well designed	3.56
The syllabus units are balanced	3.56
The learning material was available to you	4.06
The content was clear and easy to understand	3.81
The course was relevant and updated for present needs	3.5
The course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



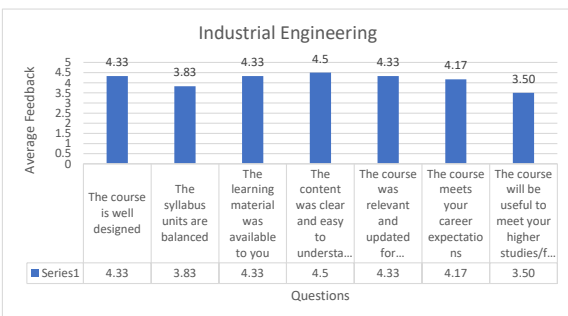
Machine Design	
Questions	Average Feedback (Out of 5)
The course is well designed	3.52
The syllabus units are balanced	3.57
The learning material was available to you	3.74
The content was clear and easy to understand	3.48
The course was relevant and updated for present needs	3.43
The course meets your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



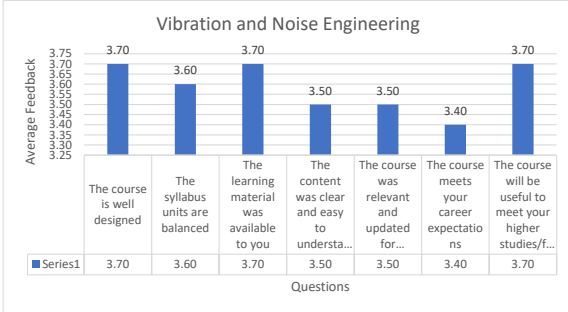
Total Quality Management	
Questions	Average Feedback (Out of 5)
The course is well designed	3.67
The syllabus units are balanced	3.67
The learning material was available to you	3.17
The content was clear and easy to understand	3.67
The course was relevant and updated for present needs	3.33
The course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



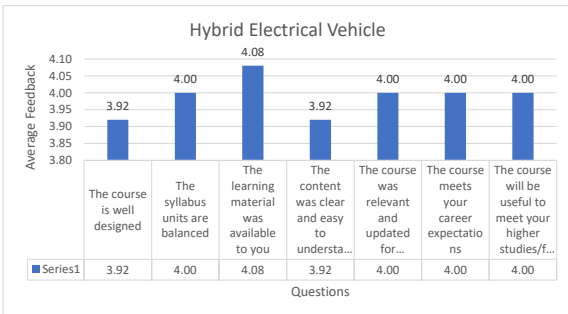
Industrial Engineering	
Questions	Average Feedback (Out of 5)
The course is well designed	4.33
The syllabus units are balanced	3.83
The learning material was available to you	4.33
The content was clear and easy to understand	4.5
The course was relevant and updated for present needs	4.33
The course meets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



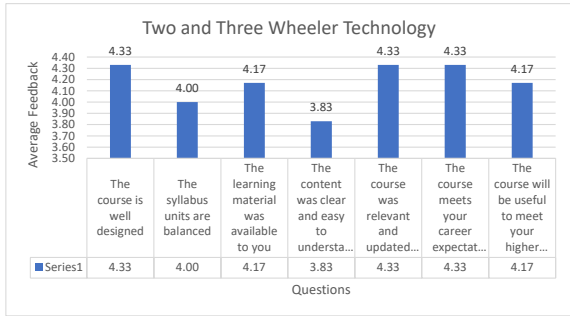
Vibration and Noise Engineering	
Questions	Average Feedback (Out of 5)
The course is well designed	3.70
The syllabus units are balanced	3.60
The learning material was available to you	3.70
The content was clear and easy to understand	3.50
The course was relevant and updated for present needs	3.50
The 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



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

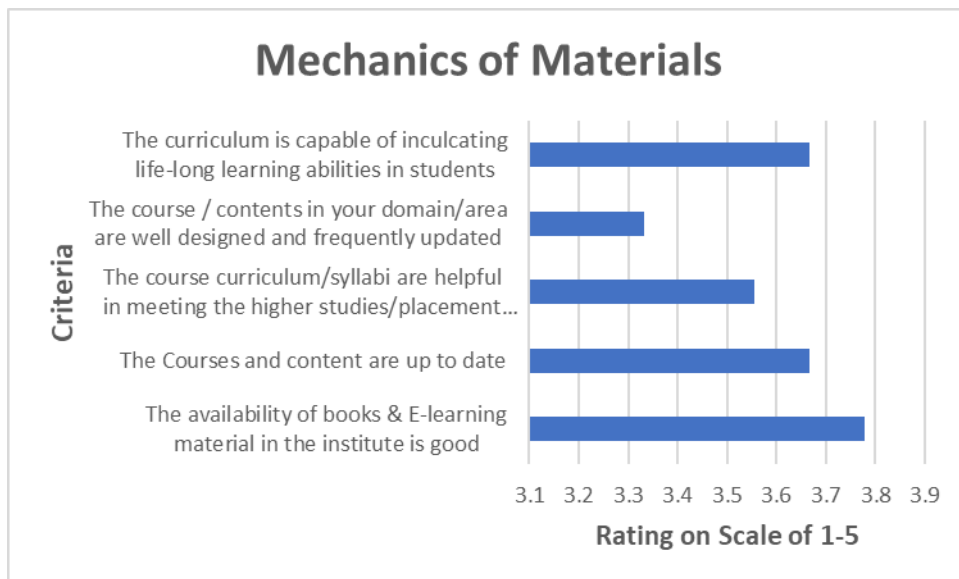
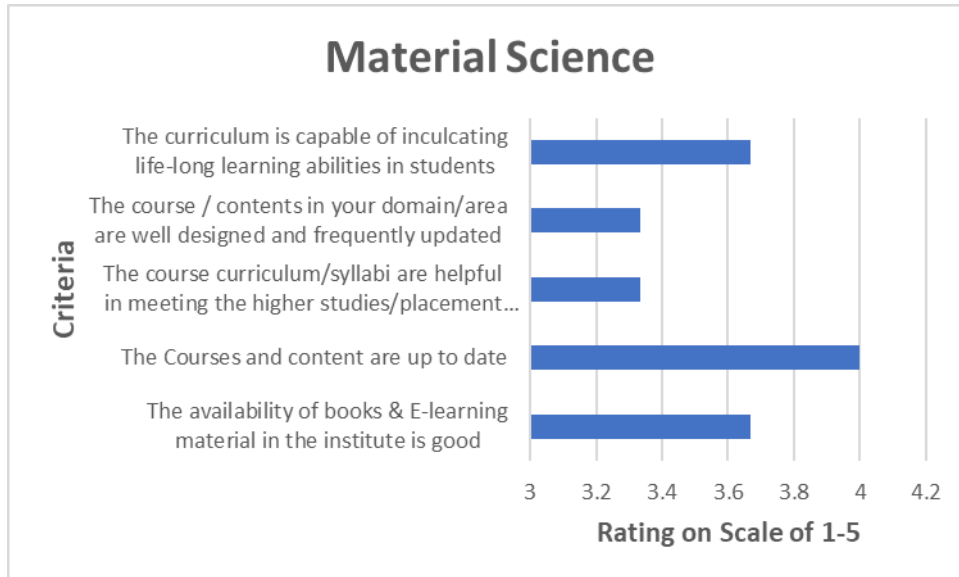


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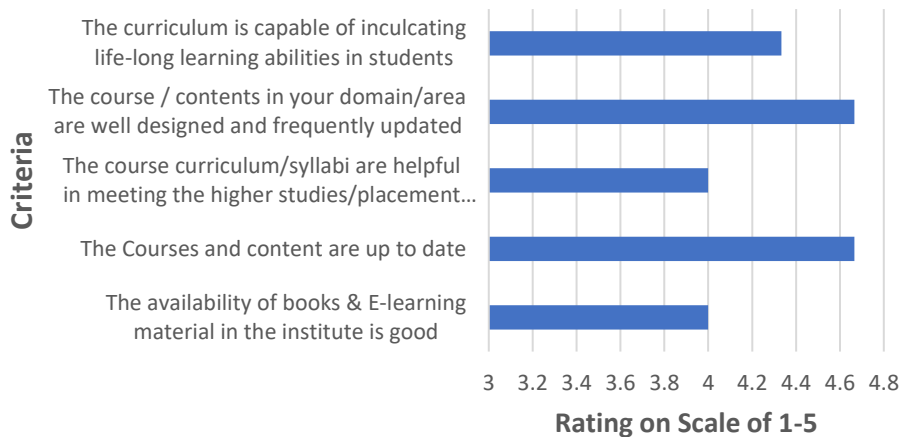
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DEPARTMENT OF MECHANICAL ENGINEERING

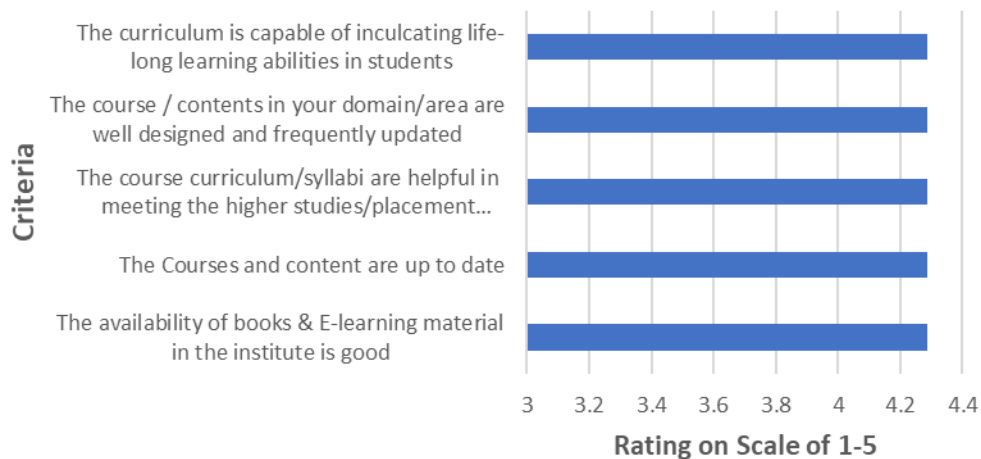
TEACHER'S COURSE FEEDBACK



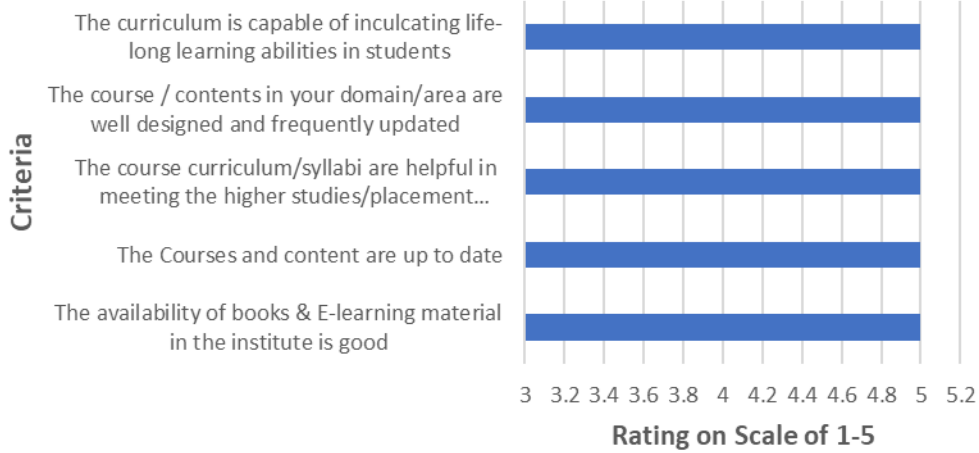
Theory of Machines -I



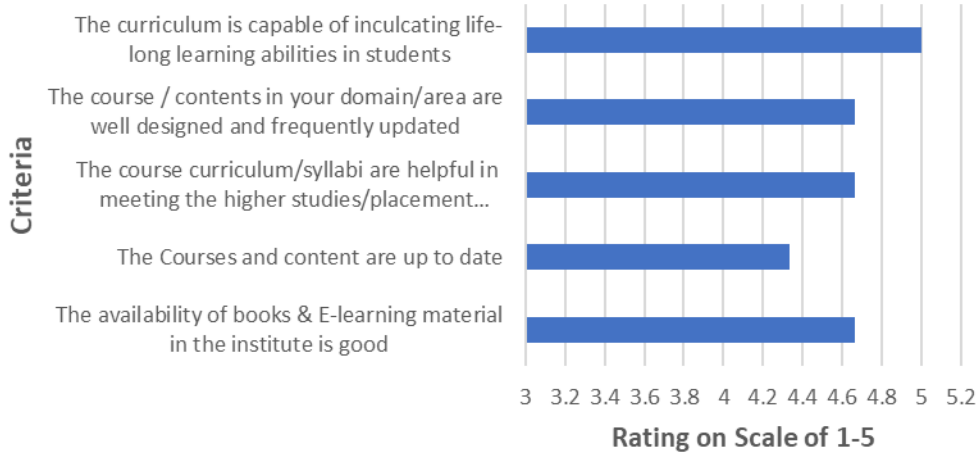
Fluid Mechanics and Hydraulic Machines



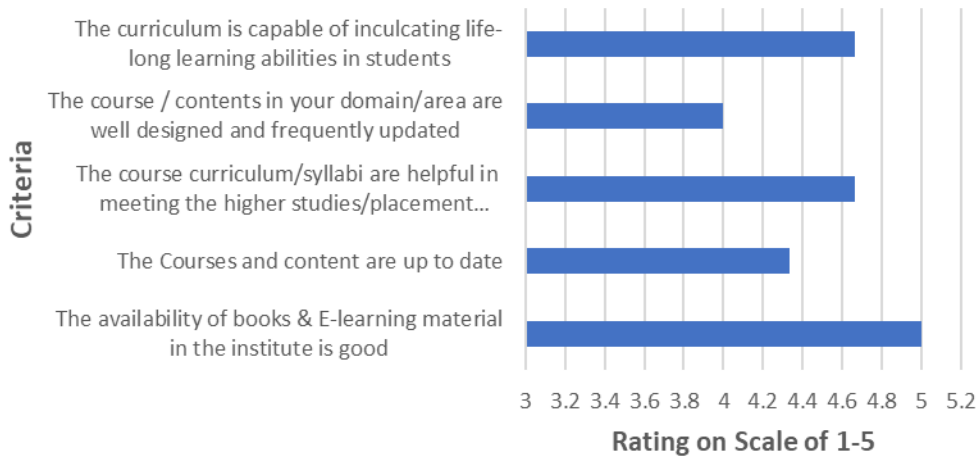
Automotive Engines



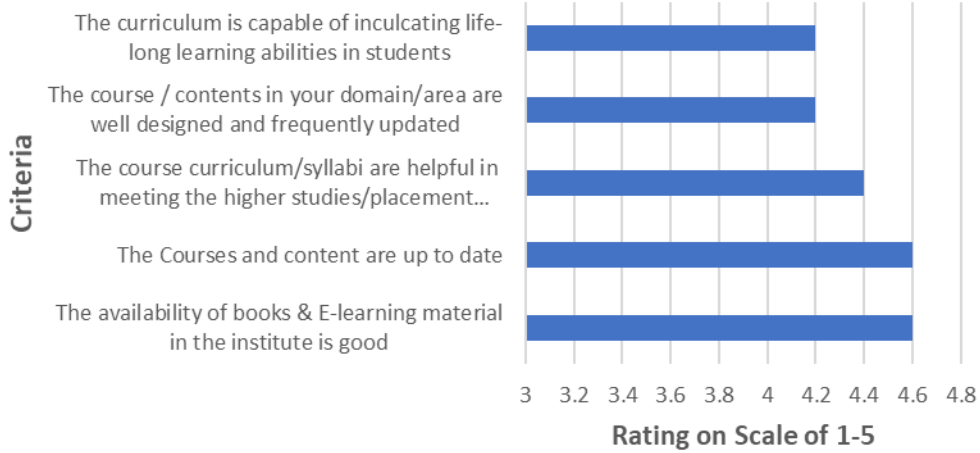
Theory of Machines –II



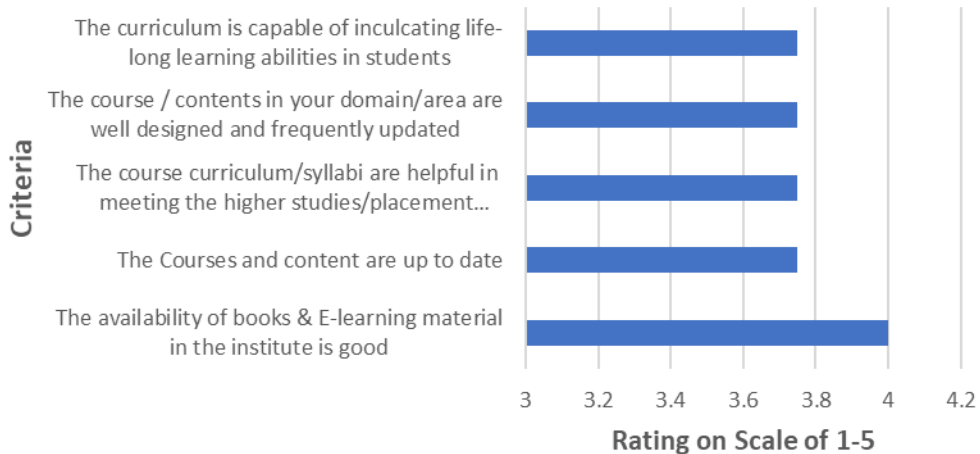
Design of Machine Elements



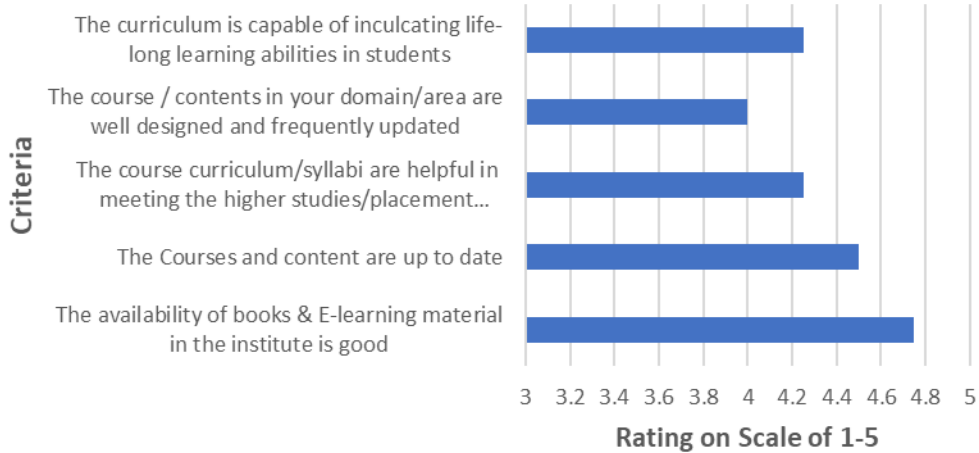
Manufacturing Process



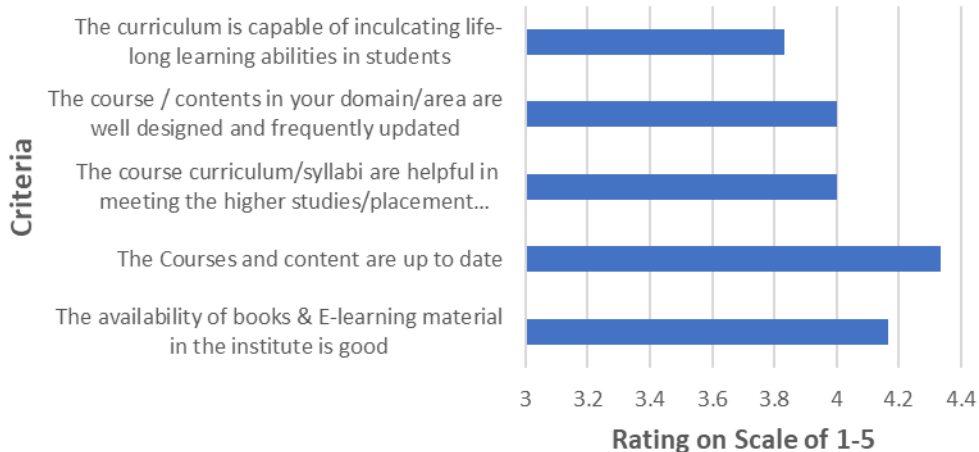
Engineering Thermodynamics



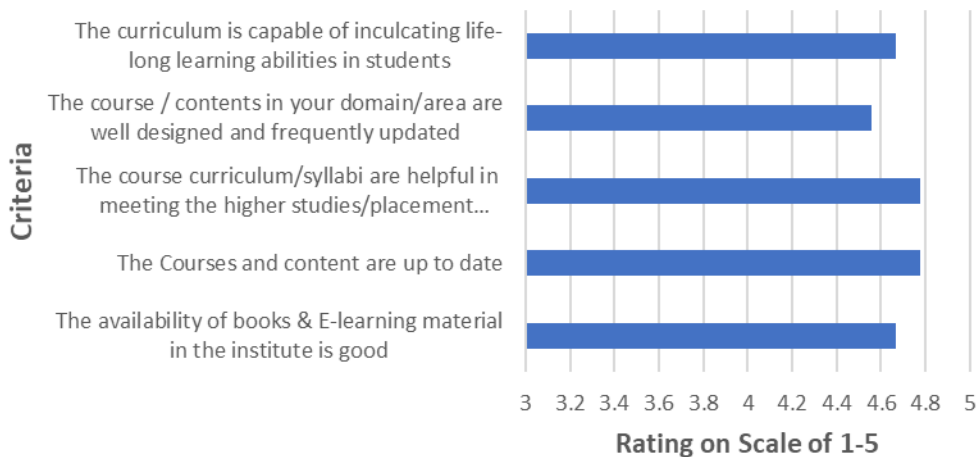
Industrial Engineering



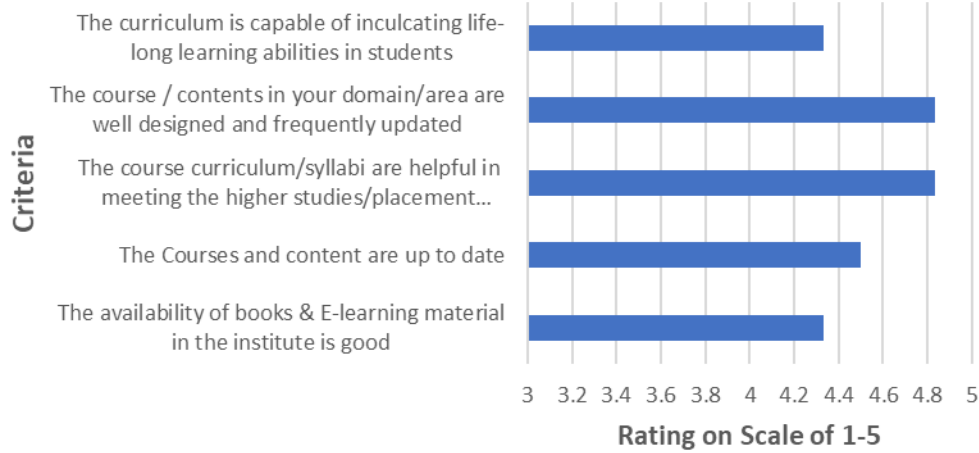
Metal cutting and machine tools



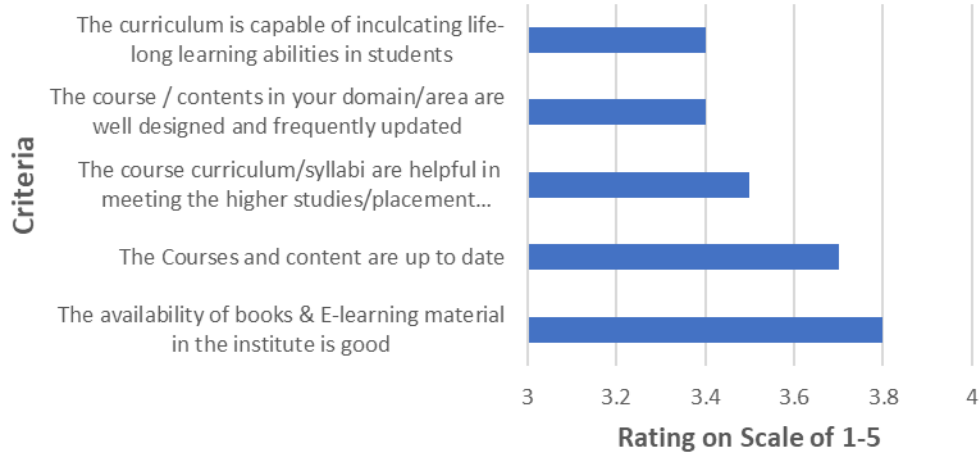
Heat & Mass Transfer



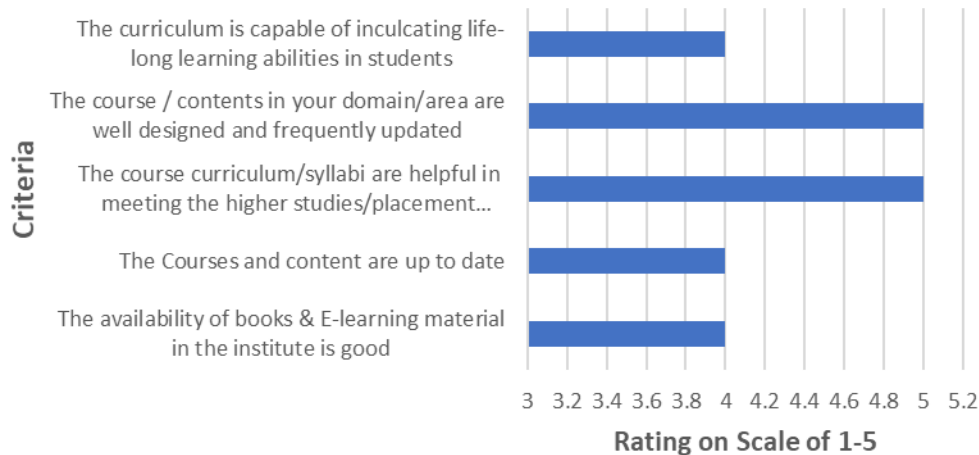
Thermal Engineering



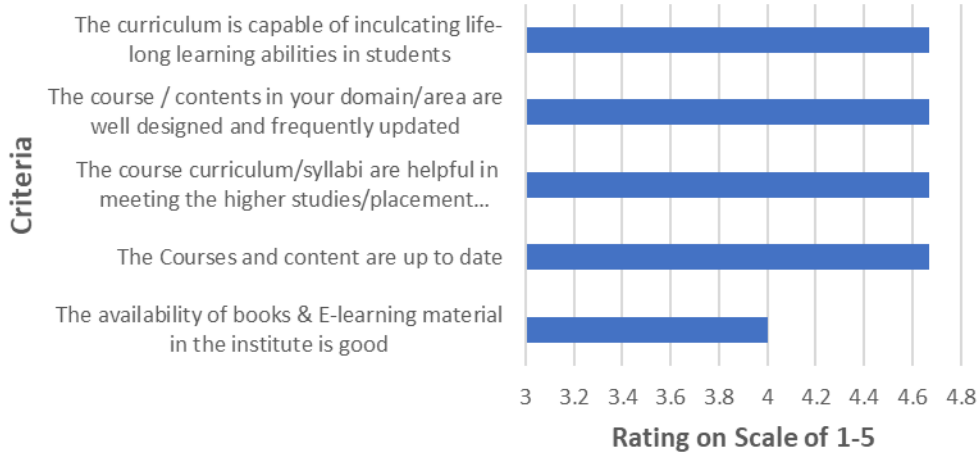
Machine Design



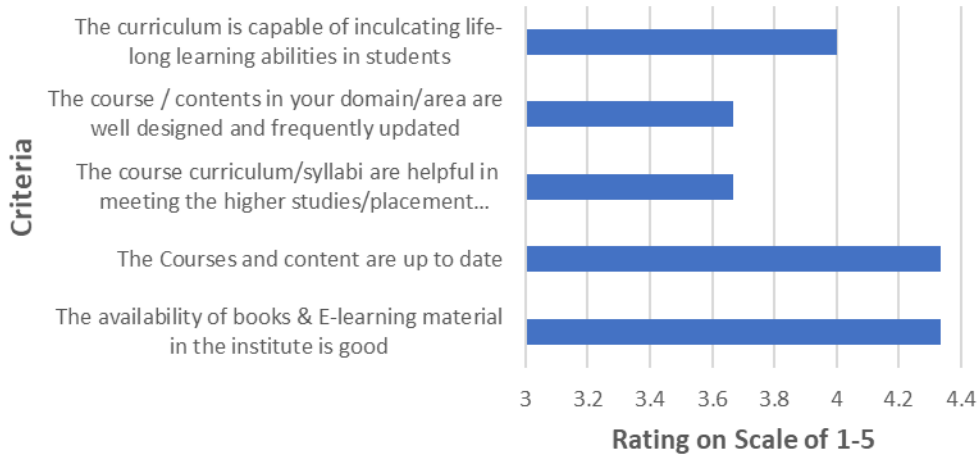
Advance Production Technology



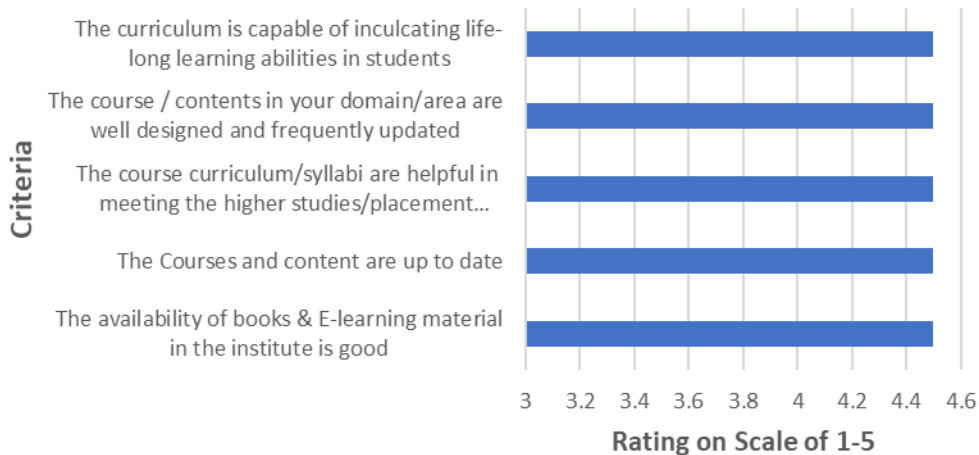
Refrigeration and Air-Conditioning



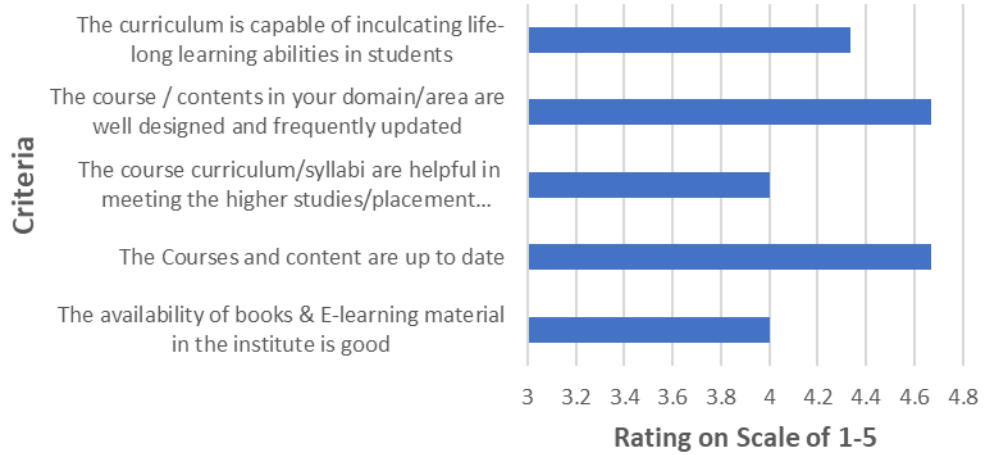
Design of machine elements



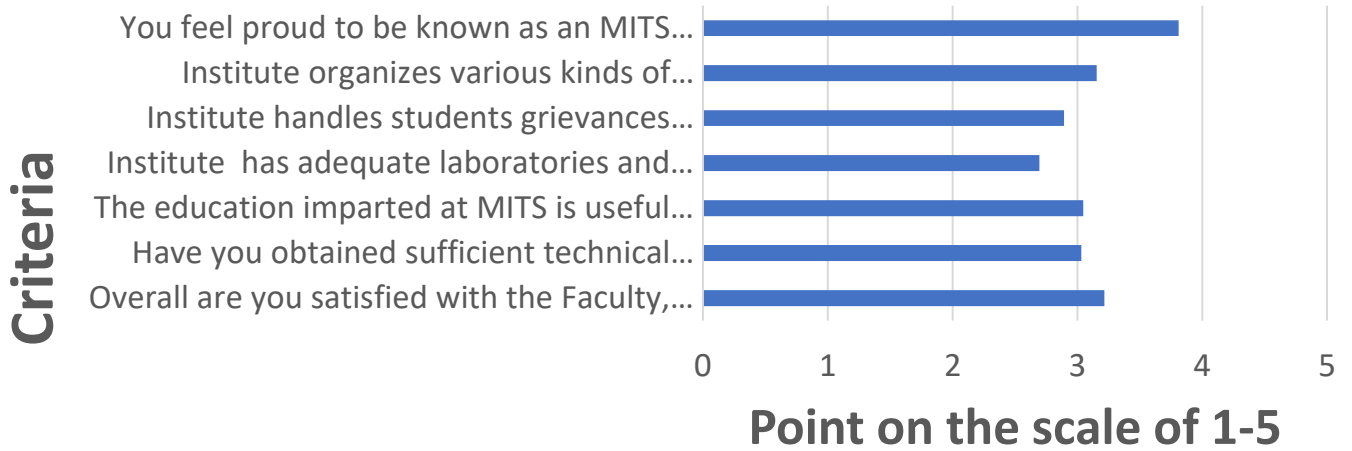
Automotive Transmission



Robotics & Control



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.



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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DEPARTMENT OF ELECTRICAL ENGINEERING

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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DEPARTMENT OF ELECTRICAL ENGINEERING

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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DEPARTMENT OF ELECTRICAL ENGINEERING

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>

FEEDBACK ANALYSIS OF STAKEHOLDERS AND ACTION TAKEN REPORT

(July –December 2020)

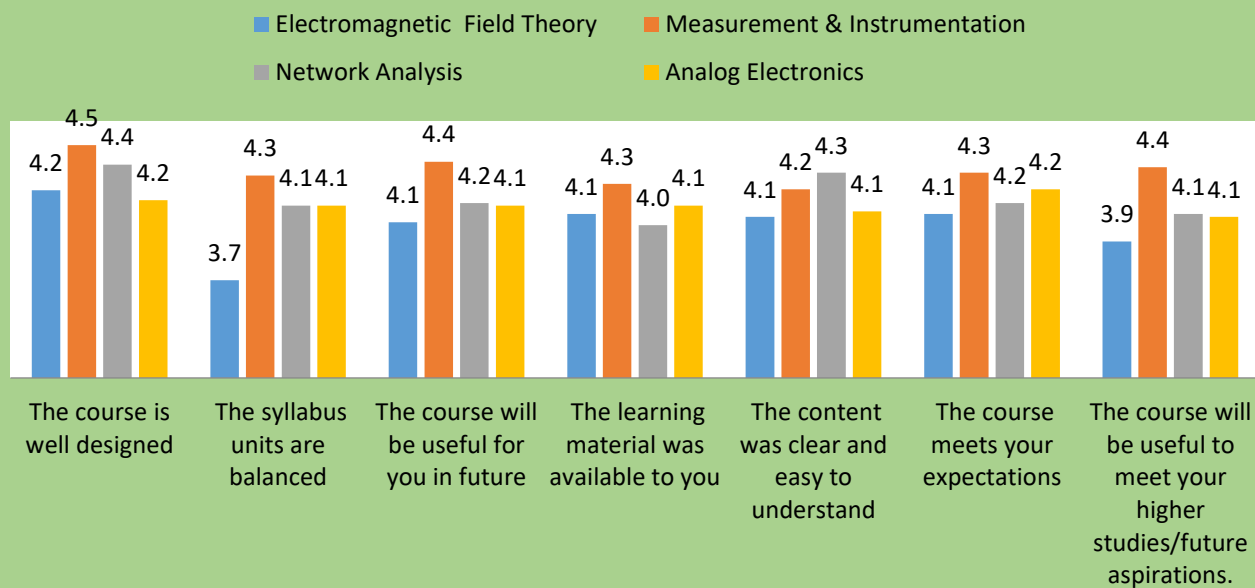
The Department feedback on curriculum aspects and courses is taken from different stakeholders such as students, alumni, faculty, parent and employers. Once the feedback is analysed and valuable suggestions given were considered, the necessary actions were executed.

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.

Students feedback : B.Tech (III Semester) :Sample Size : 83

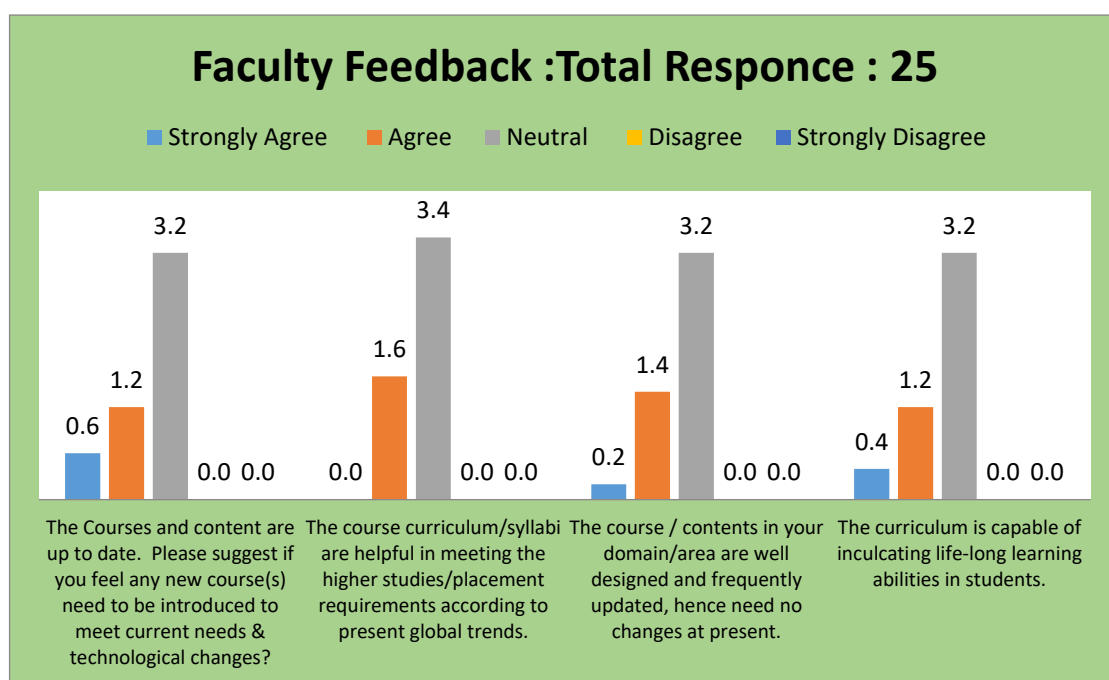


	Electromagnetic Field Theory	Measurement & Instrumentation	Network Analysis	Analog Electronics
The course is well designed	4.2	4.5	4.4	4.2
The syllabus units are balanced	3.7	4.3	4.1	4.1
The course will be useful for you in future	4.1	4.4	4.2	4.1
The learning material was available to you	4.1	4.3	4.0	4.1
The content was clear and easy to understand	4.1	4.2	4.3	4.1
The course meets your expectations	4.1	4.3	4.2	4.2
The course will be useful to meet your higher studies/future aspirations.	3.9	4.4	4.1	4.1

Table 2: Faculty feedback on curriculum 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.	<ul style="list-style-type: none"> Implemented with effect from July-December 2021 onwards.



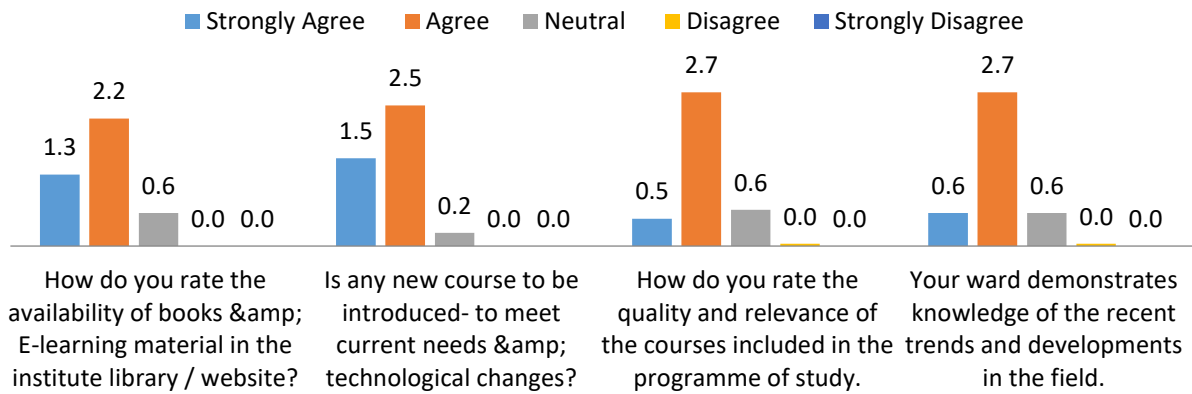
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	0.6	1.2	3.2	0.0	0.0
The course curriculum/syllabi are helpful in meeting the higher studies/placement 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

Table 3: Parents feedback action taken report

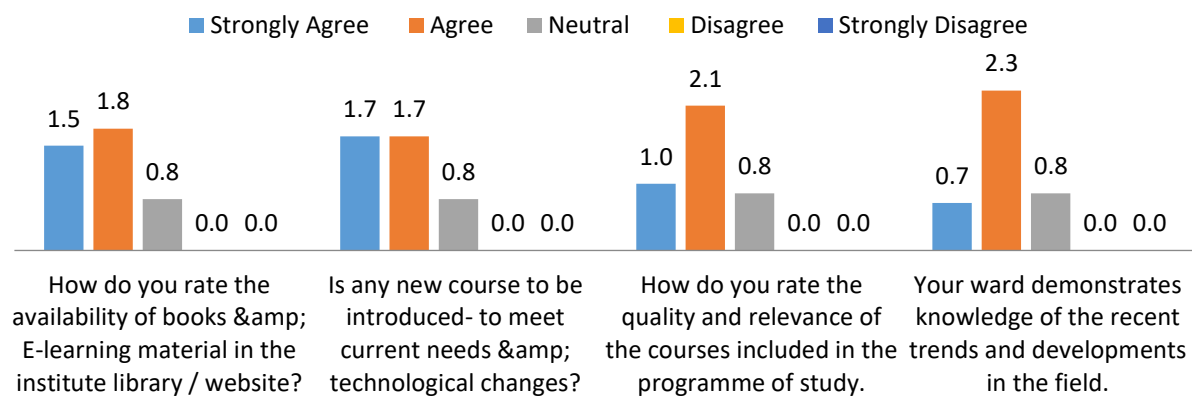
The feedback response from parents and action taken is illustrated in the following table.

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

Parent Feedback: Total responses: 52, II Year



Parent Feedback: Total responses: 36, III Year



Parent Feedback: Total responses: 52, II Year

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
How do you rate the availability of books & E-learning material in the institute library / website?	1.3	2.2	0.6	0.0	0.0
Is any new course to be introduced- to meet current needs & technological changes?	1.5	2.5	0.2	0.0	0.0
How do you rate the quality and relevance of the courses included in the programme of study.	0.5	2.7	0.6	0.0	0.0
Your ward demonstrates knowledge of the recent trends and developments in the field.	0.6	2.7	0.6	0.0	0.0

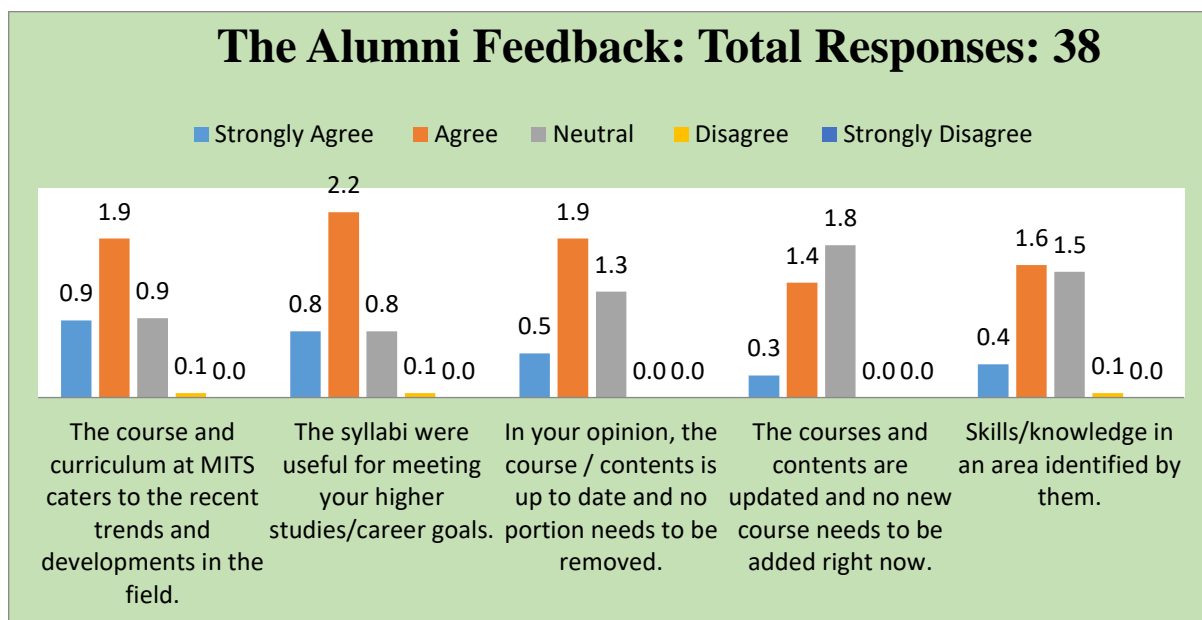
Parent Feedback: Total responses: 36, III Year

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
How do you rate the availability of books & E-learning material in the institute library / website?	1.5	1.8	0.8	0.0	0.0
Is any new course to be introduced- to meet current needs & technological changes?	1.7	1.7	0.8	0.0	0.0
How do you rate the quality and relevance of the courses included in the programme of study.	1.0	2.1	0.8	0.0	0.0
Your ward demonstrates knowledge of the recent trends and developments in the field.	0.7	2.3	0.8	0.0	0.0

Table4: Alumni feed-back action taken report

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

S.No	FEEDBACK	ACTION TAKEN
1.	Well Equipped laboratories equipped with advanced instruments can be made available.	<ul style="list-style-type: none"> • Many sophisticated equipment were purchased for Electrical Machine Lab, Basic Electrical Lab, Industrial Automation Lab, Instrumentation Lab, Power Electronics and Drives Lab.
2.	As extension activities should be the part of the curriculum.	<ul style="list-style-type: none"> • Many clubs are functional in the institute such as Yoga clubs etc.
3.	Employability skills may be improved.	<ul style="list-style-type: none"> • Various vocational and skill training programs by the faculty were organized. Communication skills training, career counseling, coaching for higher studies were given to the students
4.	Recent course can be implemented in the curriculum which will benefit in upcoming area of job opportunities.	<ul style="list-style-type: none"> • Implemented through SWAYAM/ NPTEL certificated courses.
5.	Extra guidance for weak students to be provided.	<ul style="list-style-type: none"> • Implemented through Remedial classes.

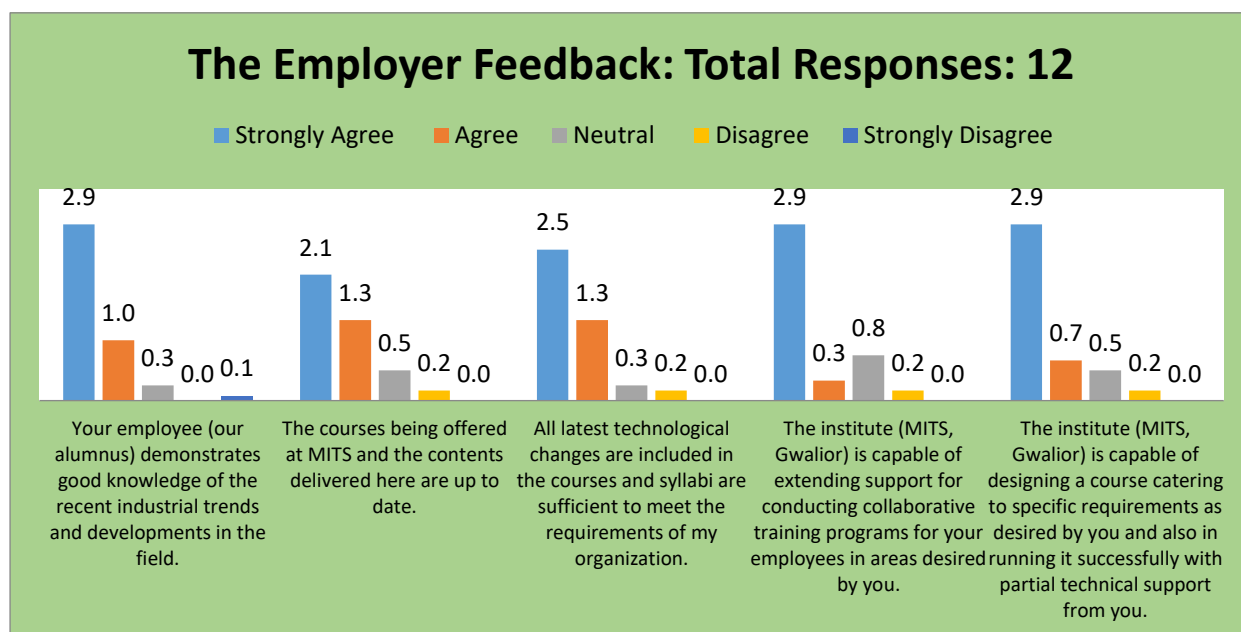


	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The course and curriculum at MITS caters to the recent trends and developments in the field.	0.9	1.9	0.9	0.1	0.0
The syllabi were useful for meeting your higher studies/career goals.	0.8	2.2	0.8	0.1	0.0
In your opinion, the course / contents is up to date and no portion needs to be removed.	0.5	1.9	1.3	0.0	0.0
The courses and contents are updated and no new course needs to be added right now.	0.3	1.4	1.8	0.0	0.0
Skills/knowledge in an area identified by them.	0.4	1.6	1.5	0.1	0.0

Table5: Employer feed-back and action taken report

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

S.No	FEEDBACK	ACTION TAKEN
1.	Students need to be aware of industry exposure.	<ul style="list-style-type: none"> • Invited resource persons from industries were made to address the students. • Industrial Visit • Internship (6 months)
	Industrial exposure is required	
2.	Mini-Project models will help them to face real life presentations	<ul style="list-style-type: none"> • Implemented
3.	Gender awareness programs to be organized	<ul style="list-style-type: none"> • Implemented



Thus the feedback given by the stakeholders were analyzed and suitable action was taken so as to satisfy the expectations of students, parents and employers. This further helped us to improvise our curriculum as per the expectations of the stakeholders.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
Your employee (our alumnus) demonstrates good knowledge of the recent industrial trends and developments in the field.	2.9	1.0	0.3	0.0	0.1
The courses being offered at MITS and the contents delivered here are up to date.	2.1	1.3	0.5	0.2	0.0
All latest technological changes are included in the courses and syllabi are sufficient to meet the requirements of my organization.	2.5	1.3	0.3	0.2	0.0
The institute (MITS, Gwalior) is capable of extending support for conducting collaborative training programs for your employees in areas desired by you.	2.9	0.3	0.8	0.2	0.0
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.	2.9	0.7	0.5	0.2	0.0

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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 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
				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	shrivastavaneha93@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

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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> <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.
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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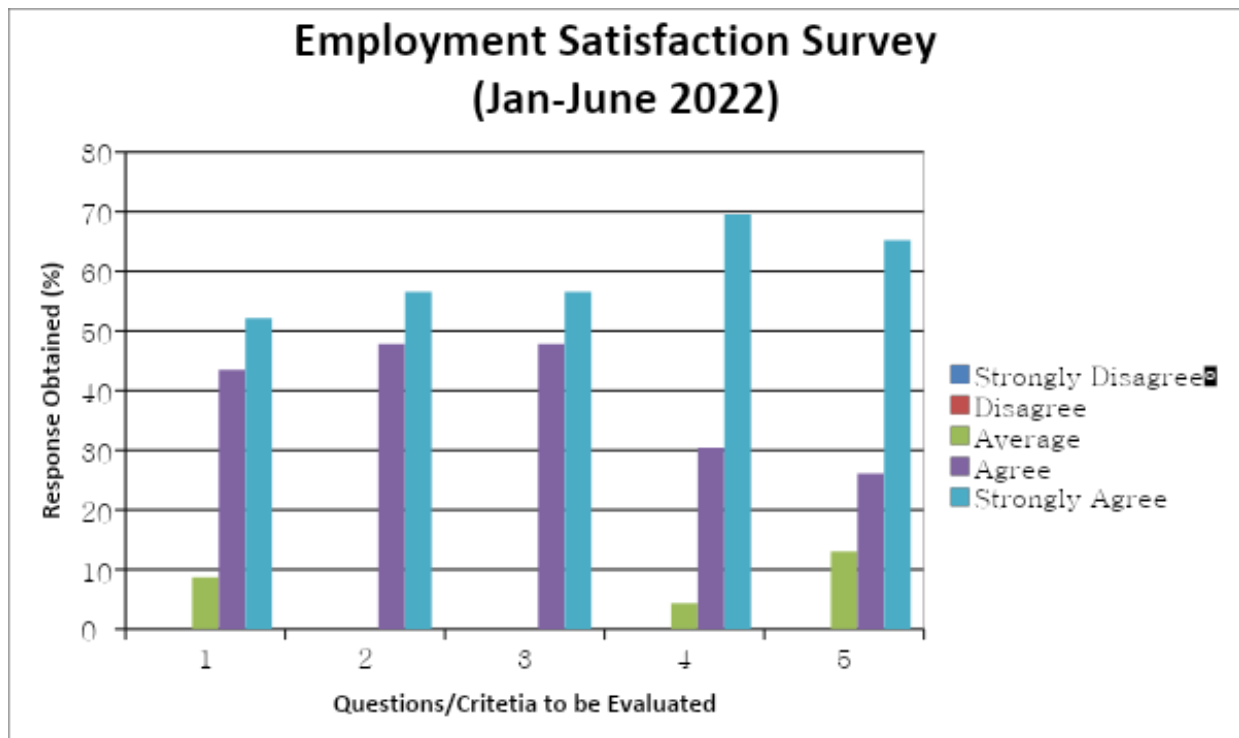
Department of Electronics Engineering

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.



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 interfacing 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 11.	-
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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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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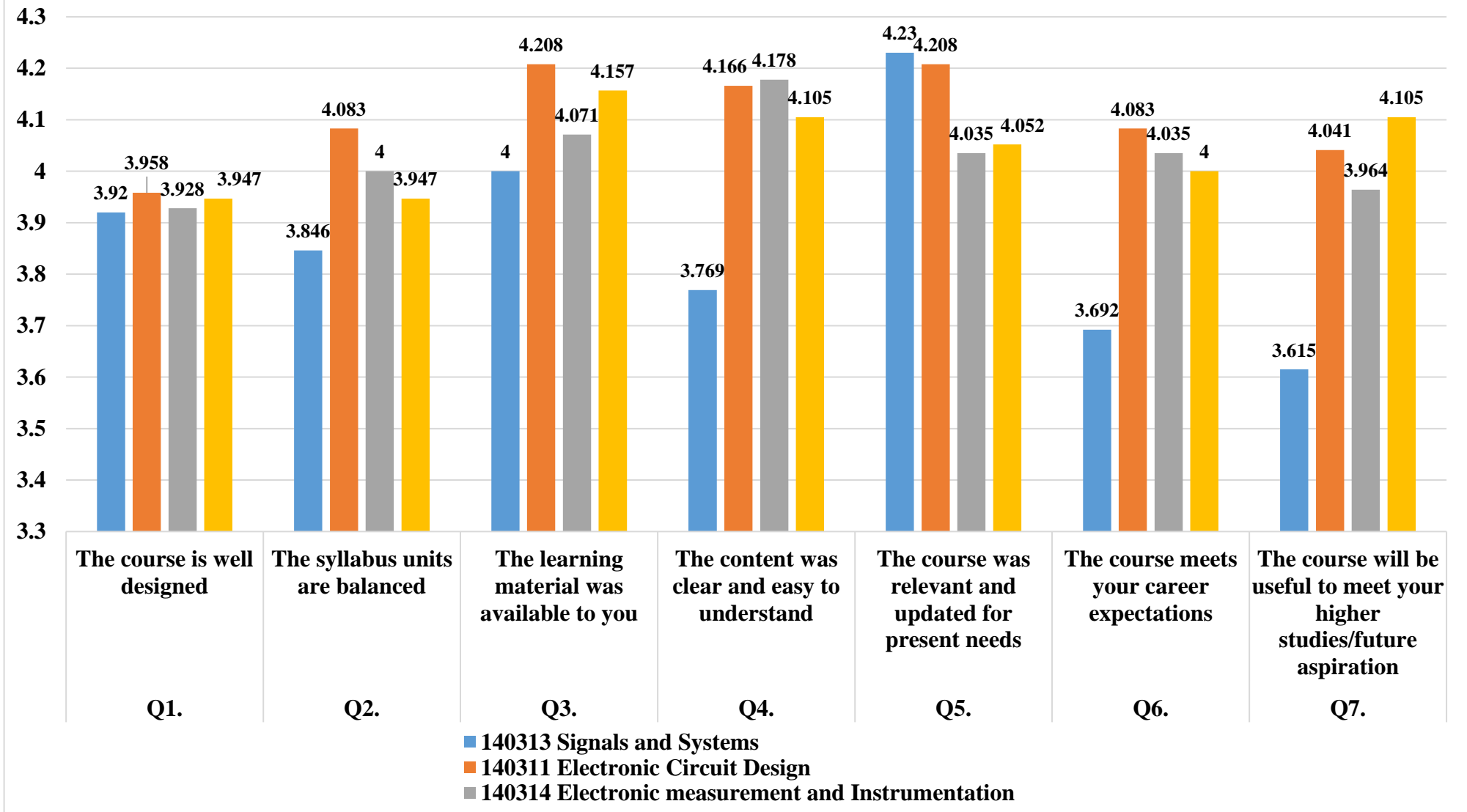
140312 Network Theory	Q2	0	0	6	8	5	3.947	Very Good
	Q3	0	0	4	8	7	4.157	Excellent
	Q4	0	0	4	9	6	4.105	Excellent
	Q5	0	0	5	8	6	4.052	Excellent
	Q6	0	0	6	7	6	4	Excellent
	Q7	0	0	5	7	7	4.105	Excellent

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



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Student Curriculum Feedback EC IInd 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 Instrumentation	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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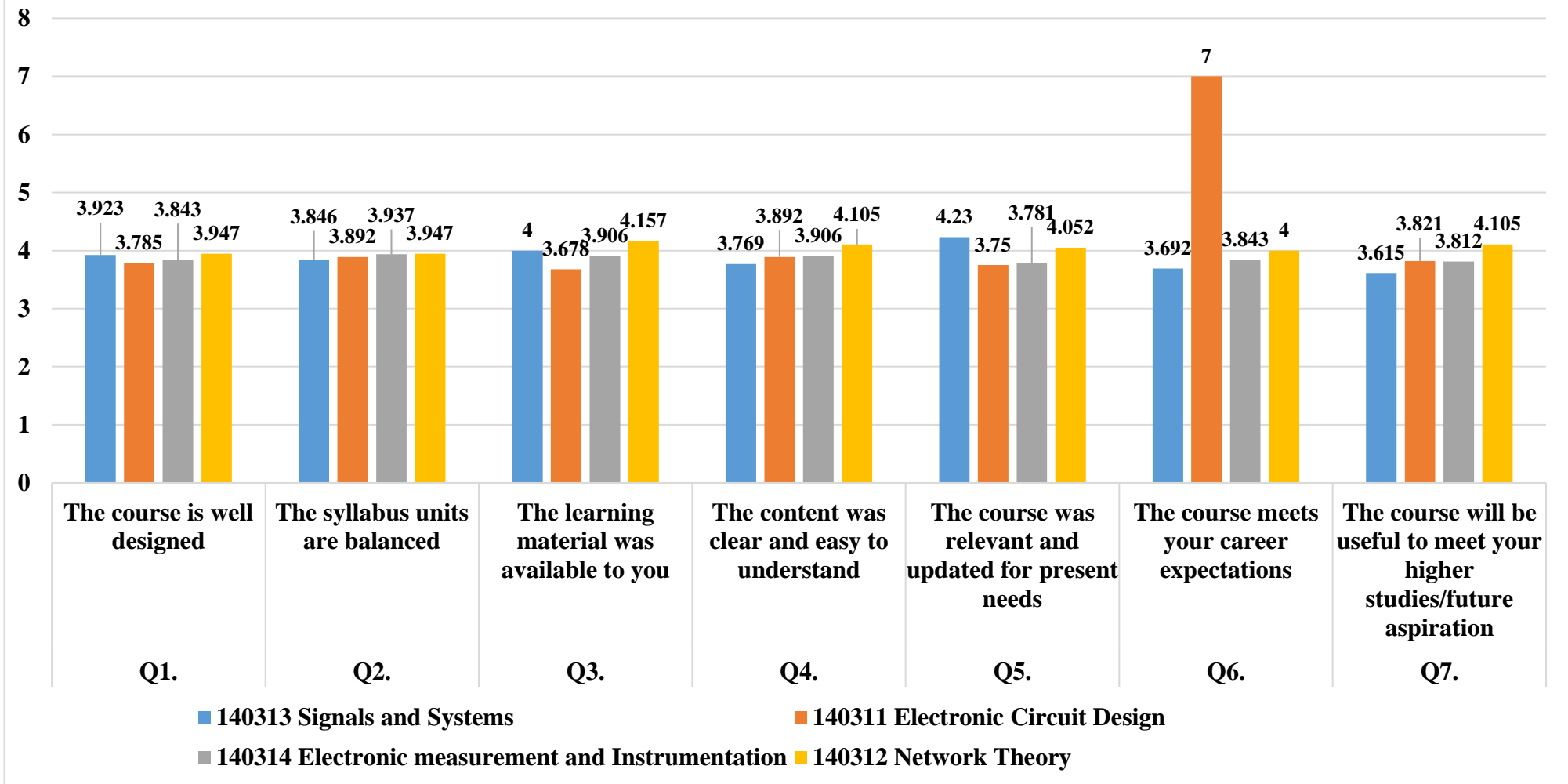
140312 Network Theory	Q1	0	0	7	6	6	3.947	Very Good	19
	Q2	0	0	6	8	5	3.947	Very Good	
	Q3	0	0	4	8	7	4.157	Excellent	
	Q4	0	0	4	9	6	4.105	Excellent	
	Q5	0	0	5	8	6	4.052	Excellent	
	Q6	0	0	6	7	6	4	Excellent	
	Q7	0	0	5	7	7	4.105	Excellent	
140313 Signals and Systems	Q1	0	1	2	7	3	3.923	Very Good	13
	Q2	0	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



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Student Curriculum Feedback EC IIIrd year

Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
140502 Electromagn etic 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 Communicati on	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	27
	Q2	0	1	12	5	9	3.814	Very Good	

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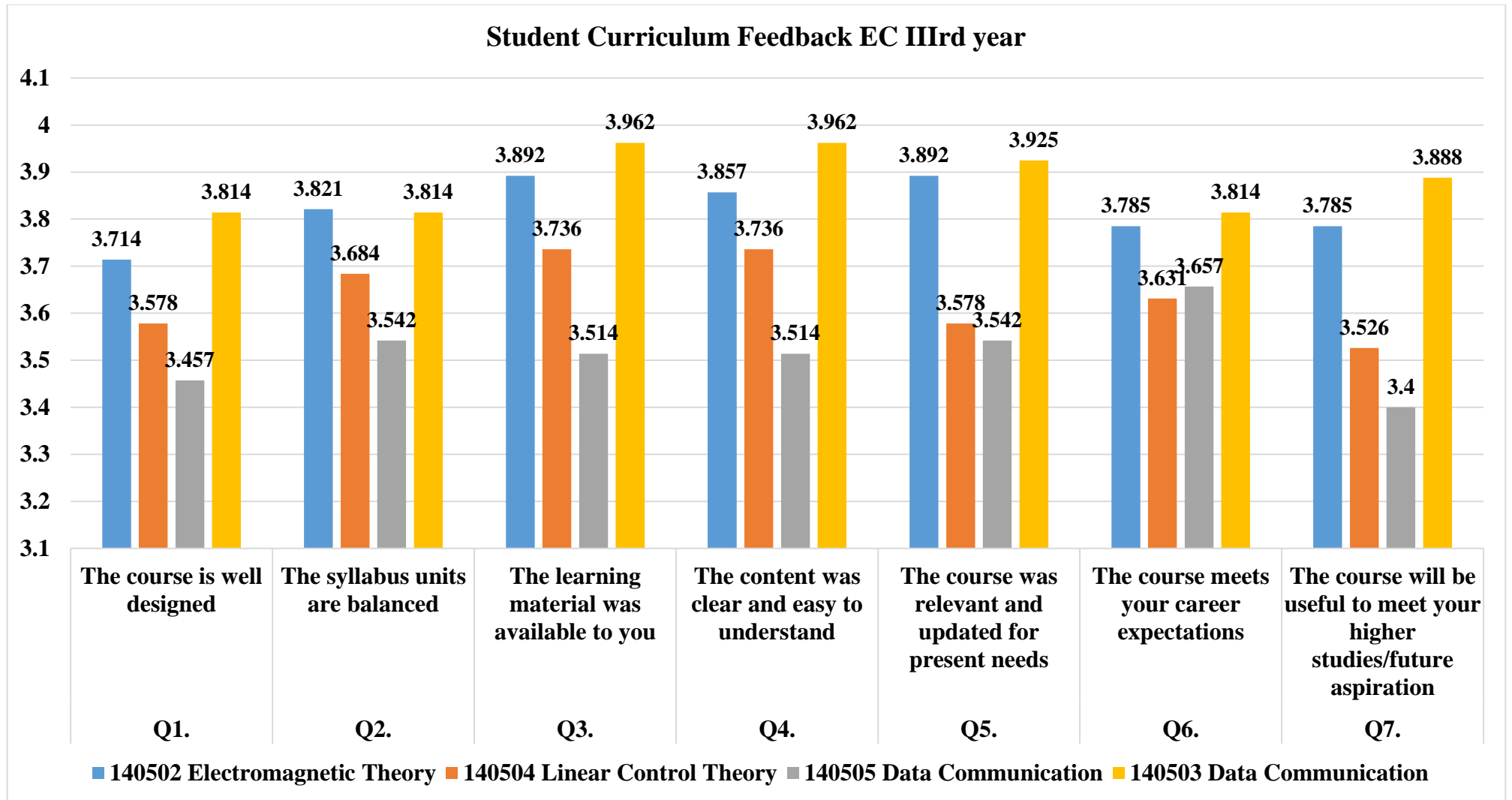
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140503 Data Communication	Q3	0	0	10	8	9	3.962	Very Good
	Q4	0	1	7	11	8	3.962	Very Good
	Q5	0	0	11	7	9	3.925	Very Good
	Q6	0	1	10	9	7	3.814	Very Good
	Q7	0	1	10	7	9	3.888	Very Good

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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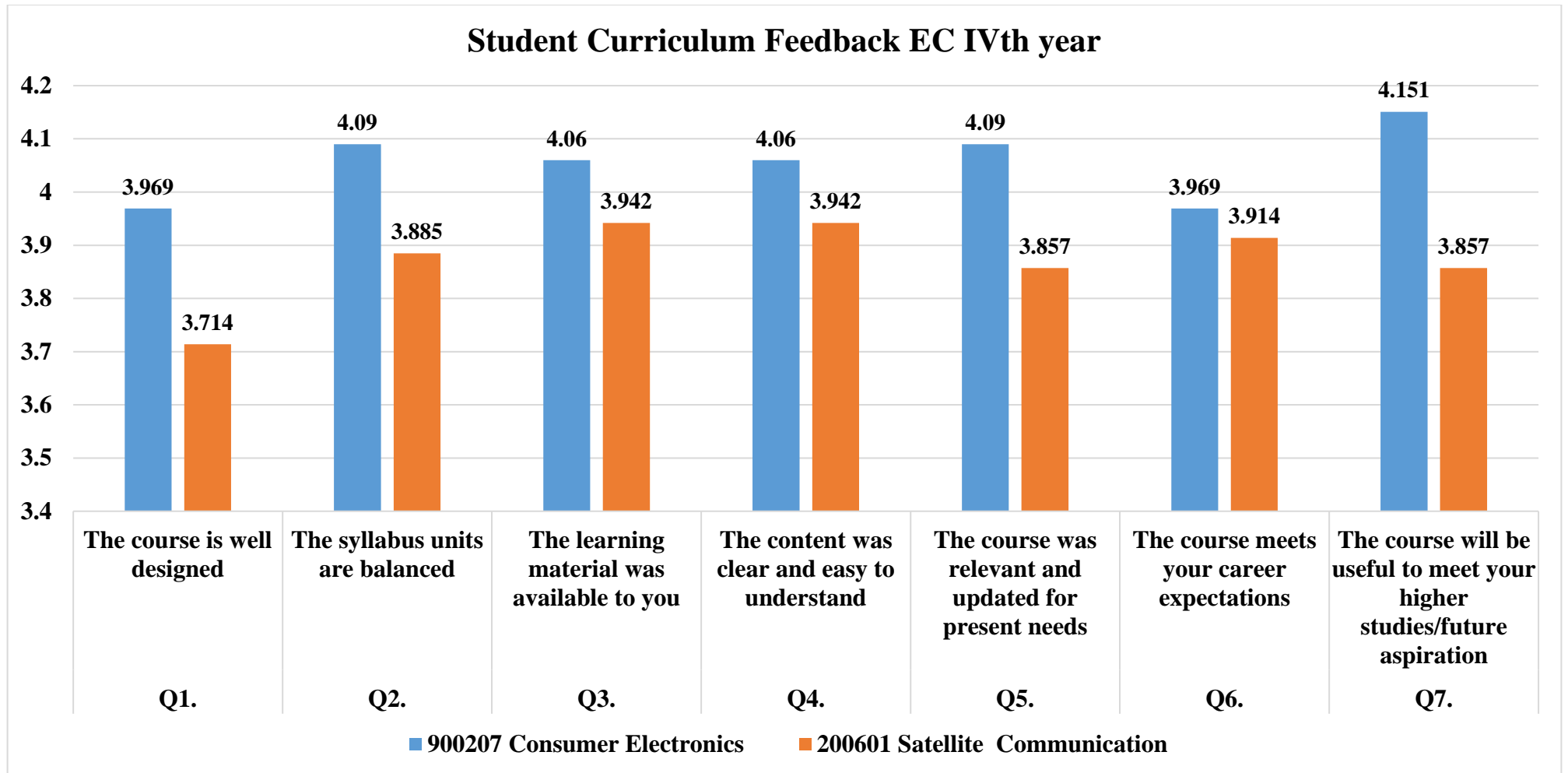
Student Curriculum Feedback EC IVth year

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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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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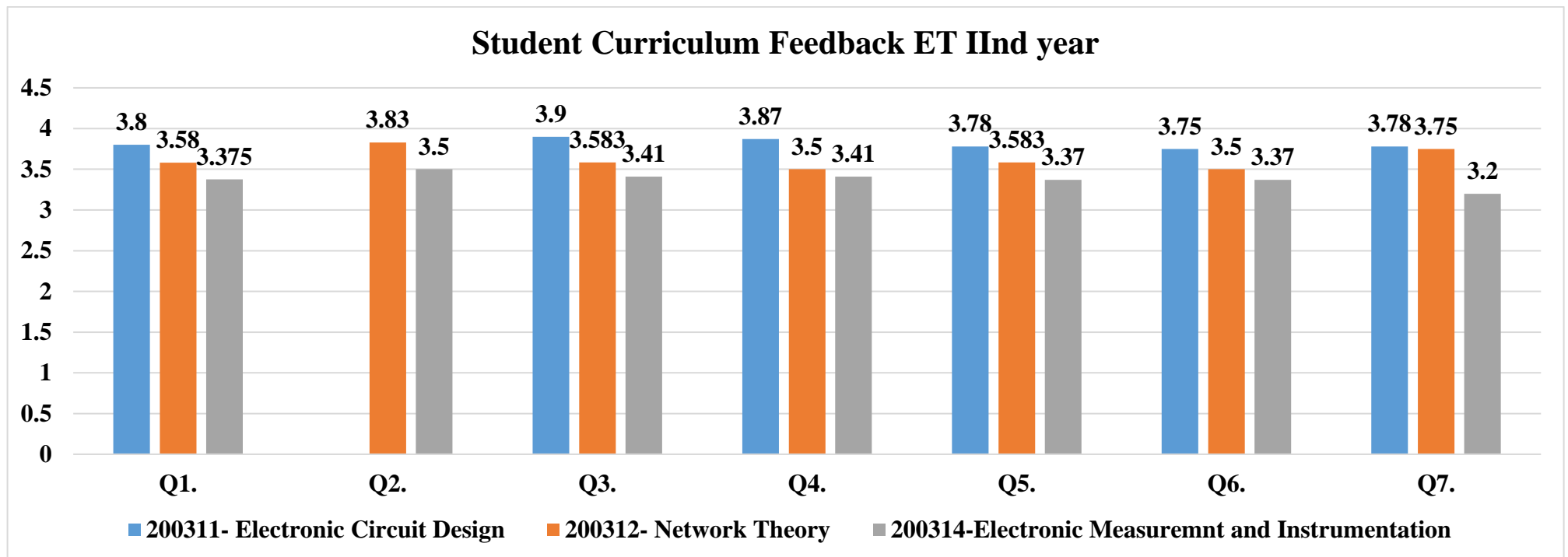
Student Curriculum Feedback ET IInd year

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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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 ET IIIrd year

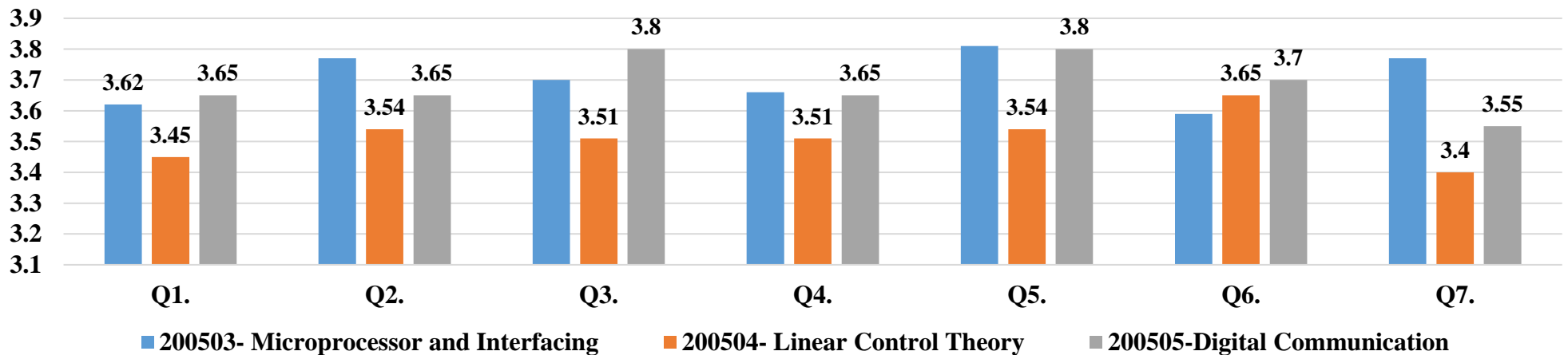
Subject name	Ques.	Poor	Satisfactory	Good	Very good	Excellent	Mean	Impact	Sample size
200503- Microprocessor and Interfacing	Q1	0	3	13	2	9	3.62	VeryGood	27
	Q2	0	0	15	3	9	3.77	VeryGood	
	Q3	1	1	12	4	9	3.70	VeryGood	
	Q4	0	3	12	3	9	3.66	Very Good	
	Q5	0	1	11	7	8	3.81	Very Good	
	Q6	0	4	11	4	8	3.59	VeryGood	
	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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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

- 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 ir
- 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: St

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)

(Comment)

Feedback from authorities. (Please comment)

(Strongly disagree)

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 p
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

red) 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



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

1. Student Curriculum Feedback Session Jan-June 2021:

Questions:

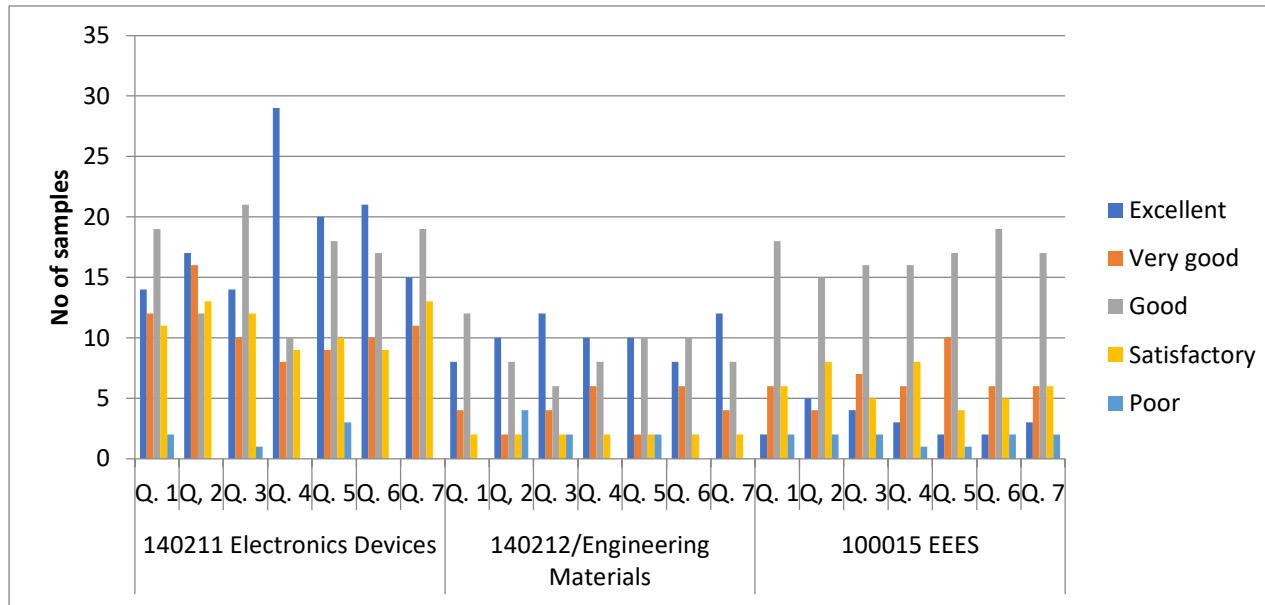
Q. 1	The course is well designed
Q. 2	The syllabus units are balanced
Q. 3	The learning material was available to you
Q. 4	The content was clear and easy to understand
Q. 5	The course was relevant and updated for present needs
Q. 6	The course meets your career expectations
Q. 7	The course will be useful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

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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.



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	

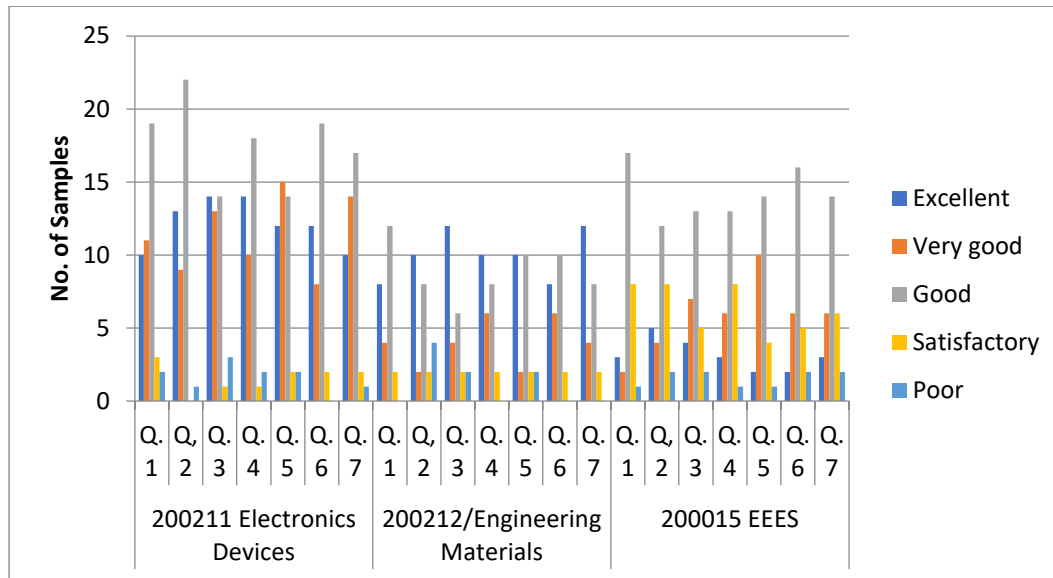
***Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)**

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)**

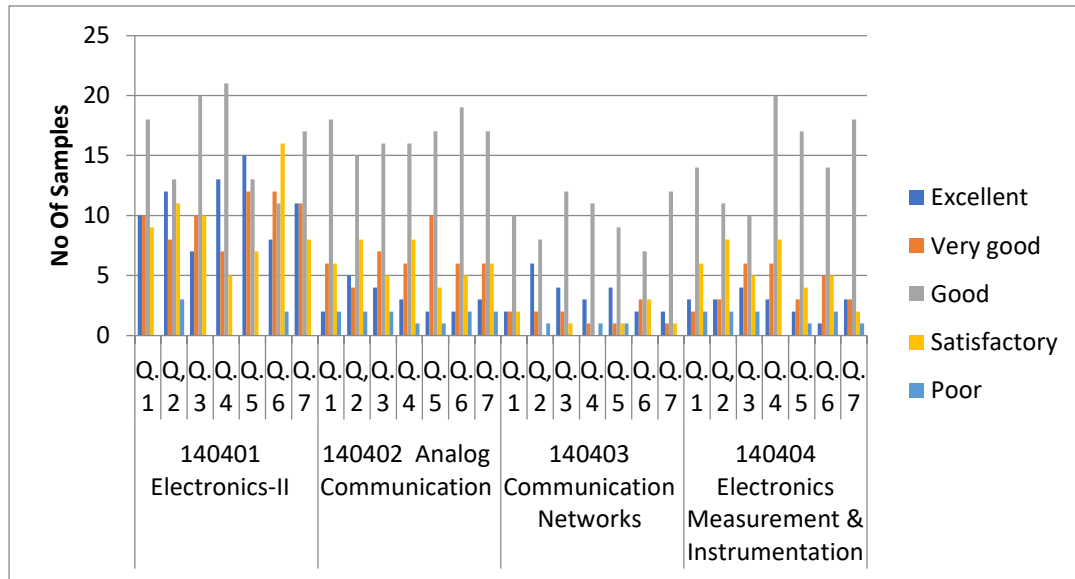
Analysis (%) = (Average/5)*100

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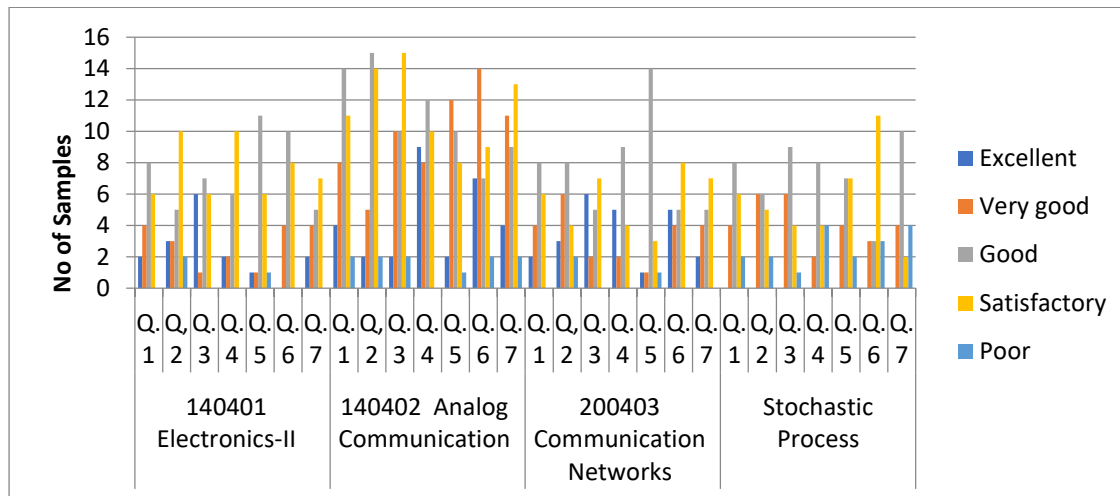
	Q. 6	1	5	14	5	2	2.93	58.52	Average
	Q. 7	3	3	18	2	1	3.19	63.70	Good

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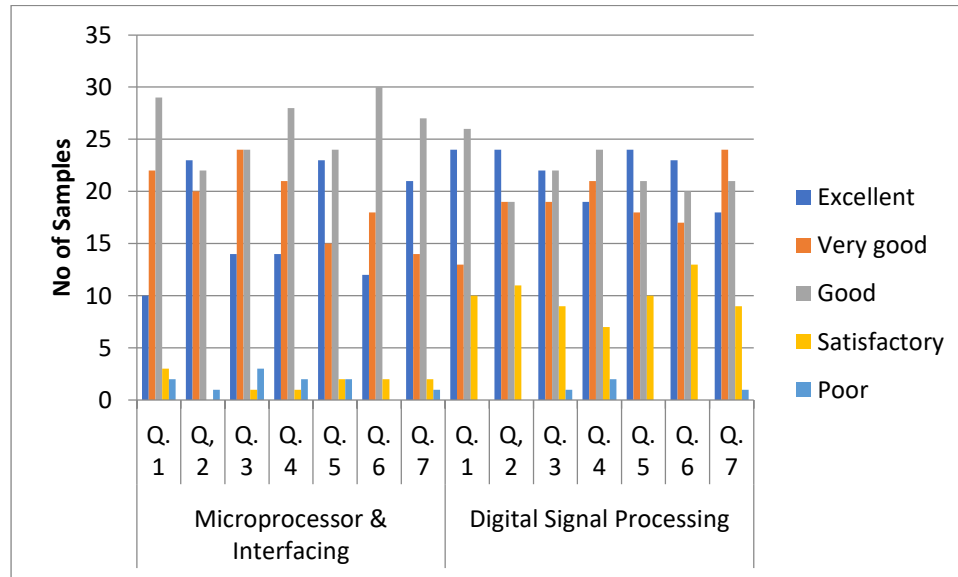
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	Q. 4	0	2	8	4	4	2.44	48.89	Below Average
	Q. 5	0	4	7	7	2	2.65	53.00	Average
	Q. 6	0	3	3	11	3	2.30	46.00	Below Average
	Q. 7	0	4	10	2	4	2.70	54.00	Average

***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

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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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	

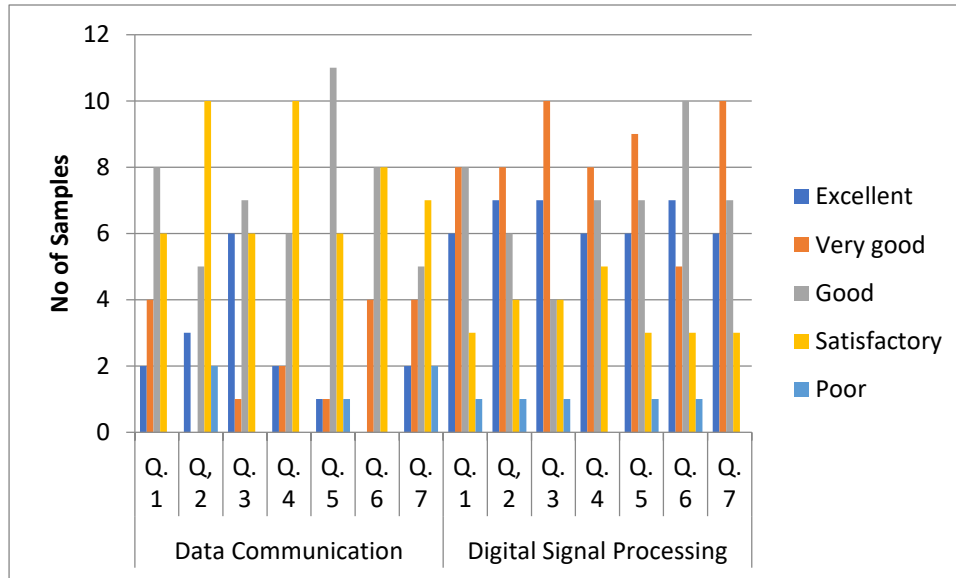
***Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)**

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	

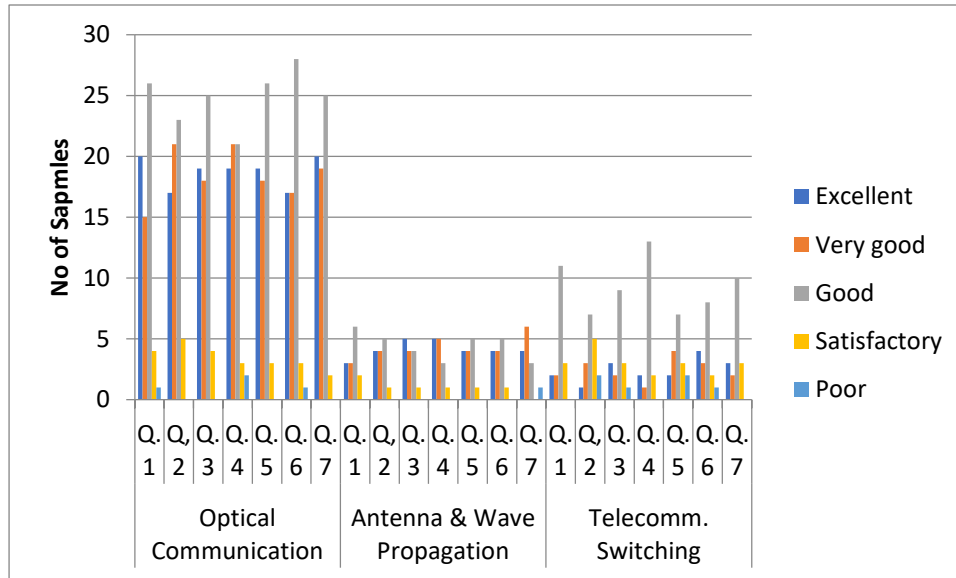
***Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)**

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

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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2. Parents Satisfaction Survey Session Jan-June 2021:

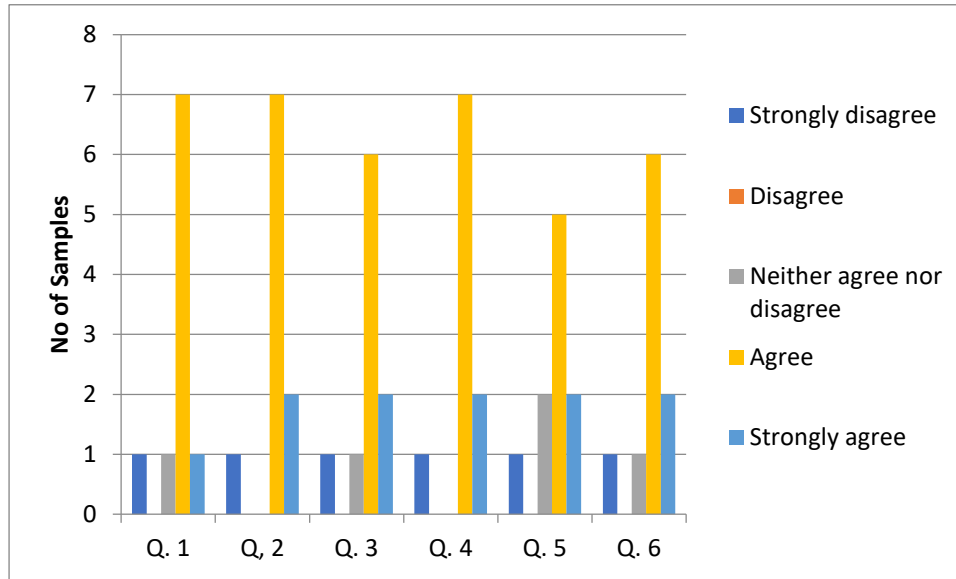
Questions:

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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Parent Satisfaction Survey EC IIInd 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	

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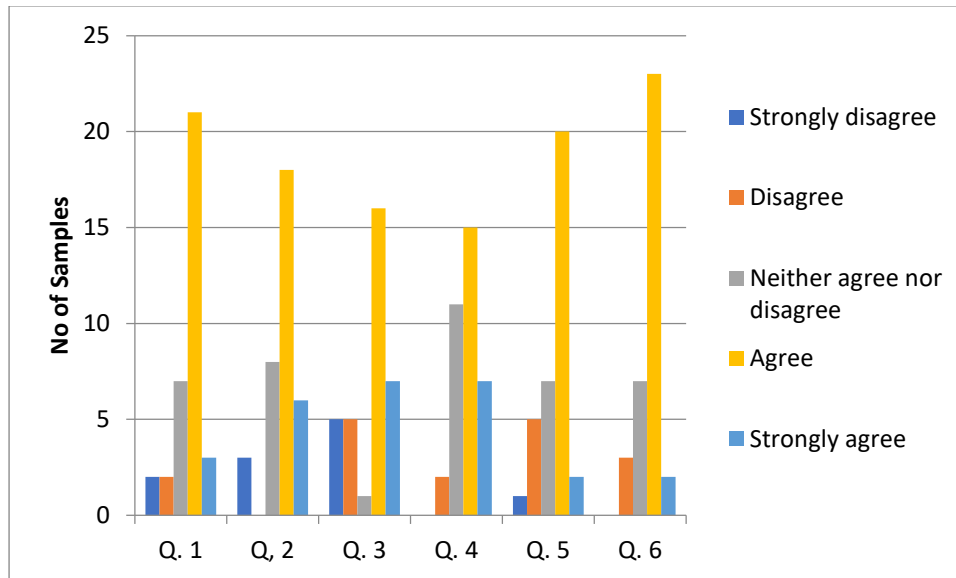
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Q. 4	1	0	0	7	2	3.90	78.00	Very Good
Q. 5	1	0	2	5	2	3.70	74.00	Very Good
Q. 6	1	0	1	6	2	3.80	76.00	Very Good

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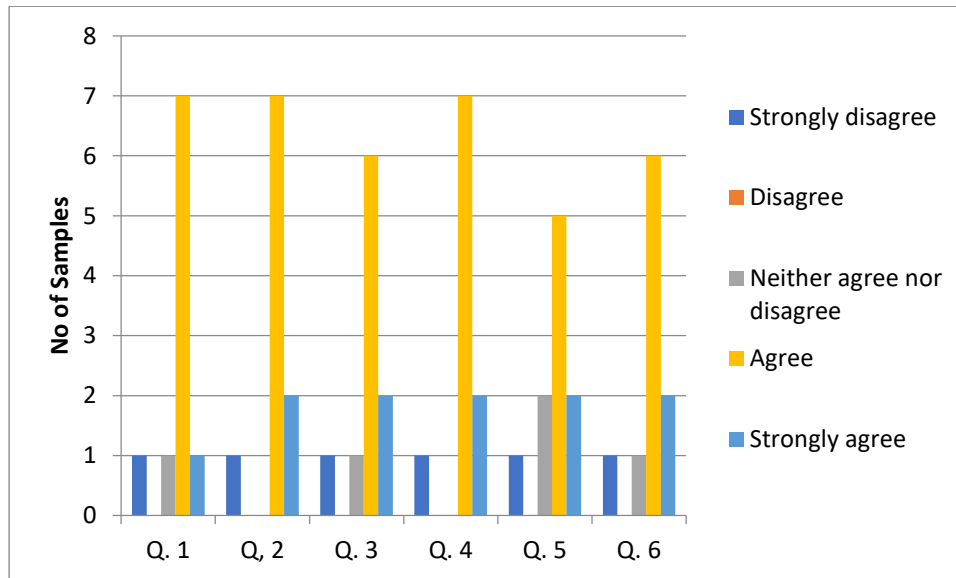
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Q. 1	2	2	7	21	3	3.6	72	Very Good	35.00
Q. 2	3	0	8	18	6	3.685714	73.71429	Very Good	
Q. 3	5	5	1	16	7	3.441176	68.82353	Good	
Q. 4	0	2	11	15	7	3.771429	75.42857	Very Good	
Q. 5	1	5	7	20	2	3.485714	69.71429	Good	
Q. 6	0	3	7	23	2	3.685714	73.71429	Very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

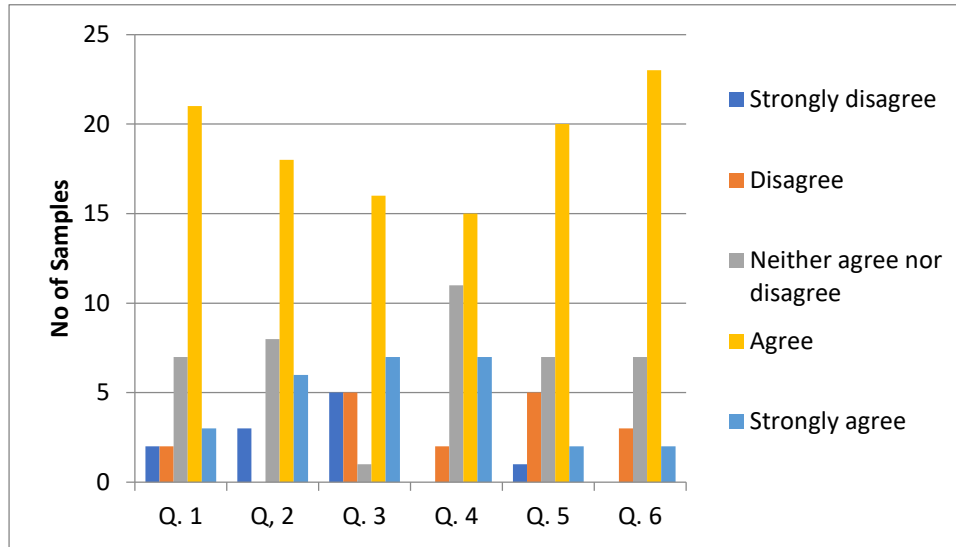
***Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)**

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

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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	35.00
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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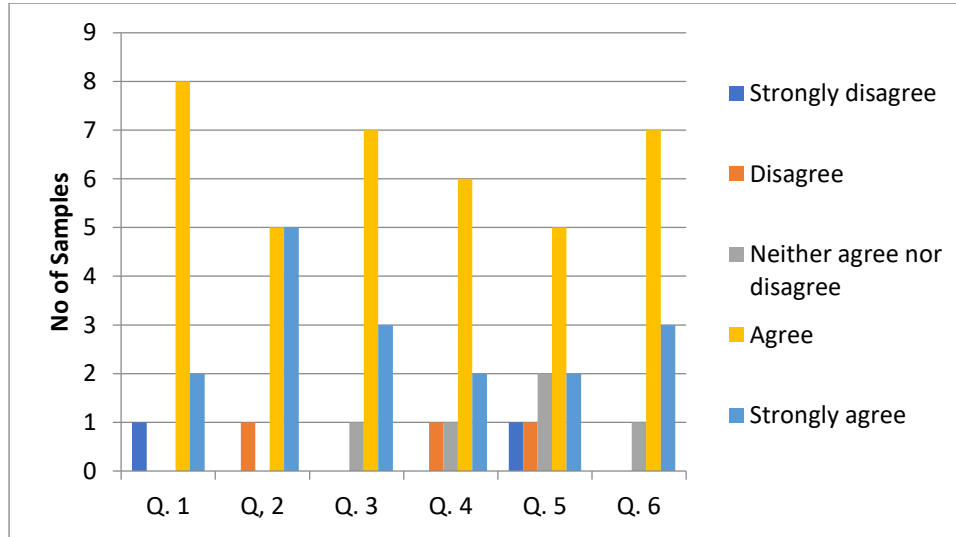
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Q. 6	0	3	7	23	2	3.69	73.71	Very Good
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***Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)**

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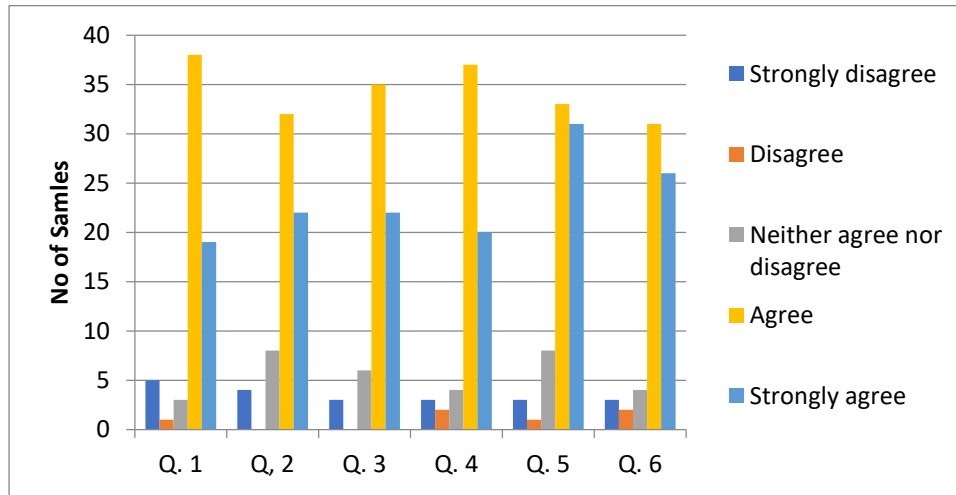
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Q. 6	0	3	7	19	2	3.65	72.90	Very Good
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***Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)**

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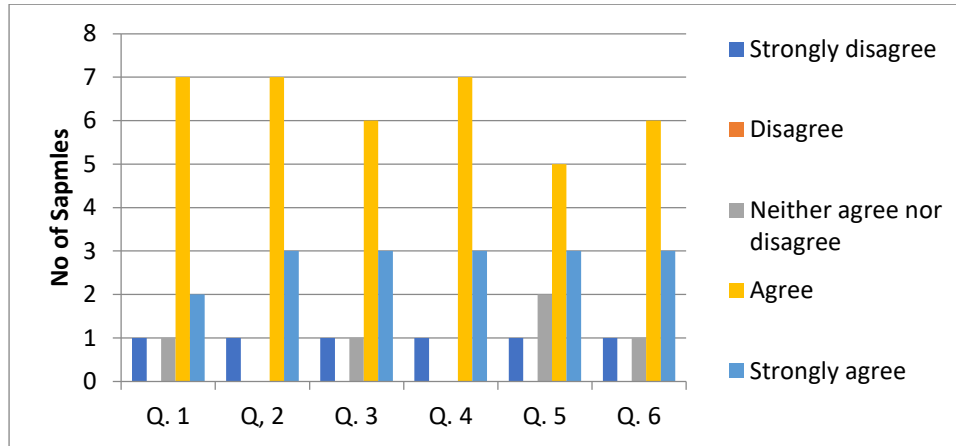
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Q. 5	3	1	8	33	31	4.16	83.16	Excellent
Q. 6	3	2	4	31	26	4.14	82.73	Excellent

***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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								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

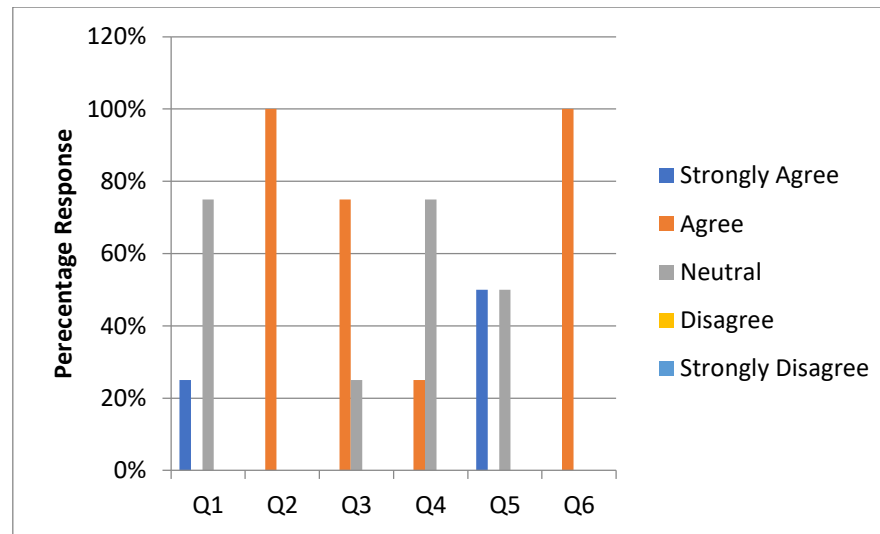
Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall 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	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	rohitdohre026@gmail.com	7247568043	IIT KANPUR
2	utkarsh badal	utkarsh.badal233@gmail.com	08839275327	Micron

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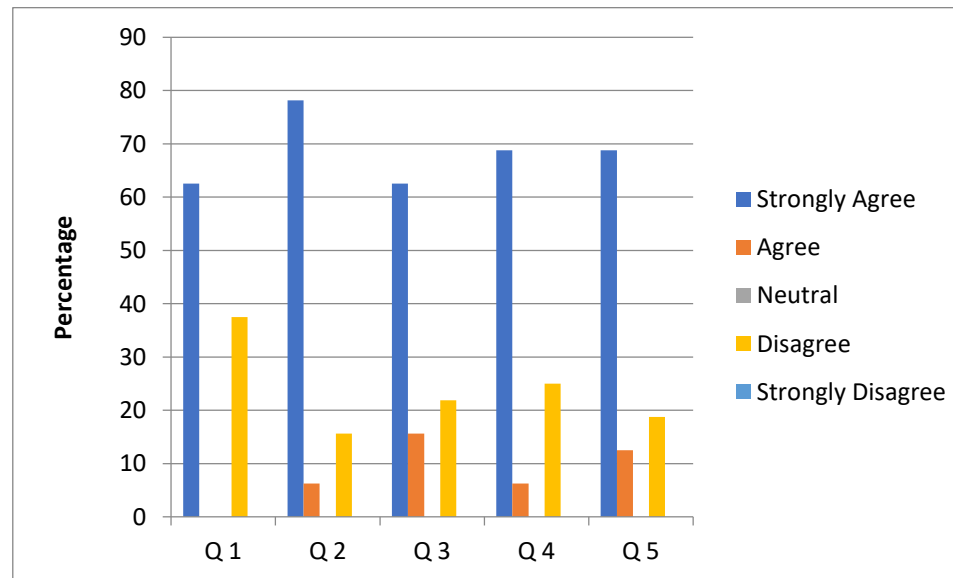
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

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	
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

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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								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

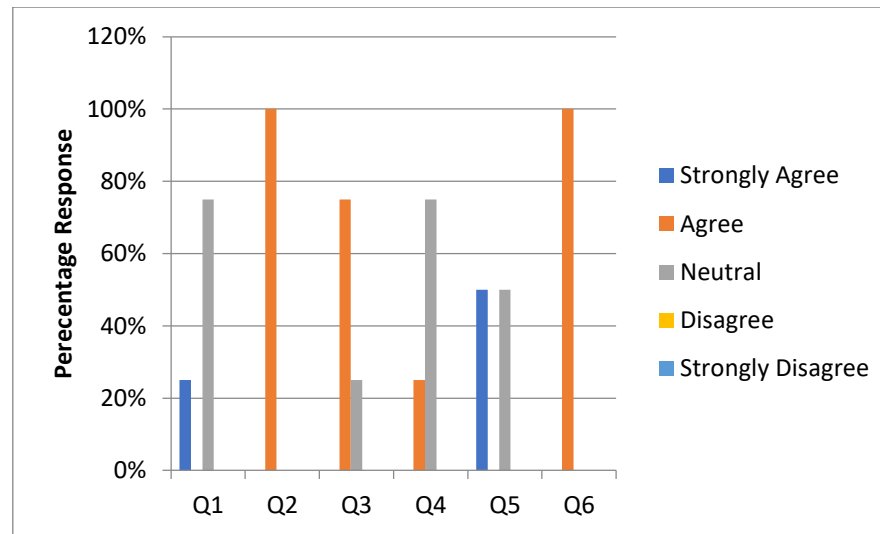
Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall 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	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

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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2. Parents Satisfaction Survey Session Jan-June 2021:

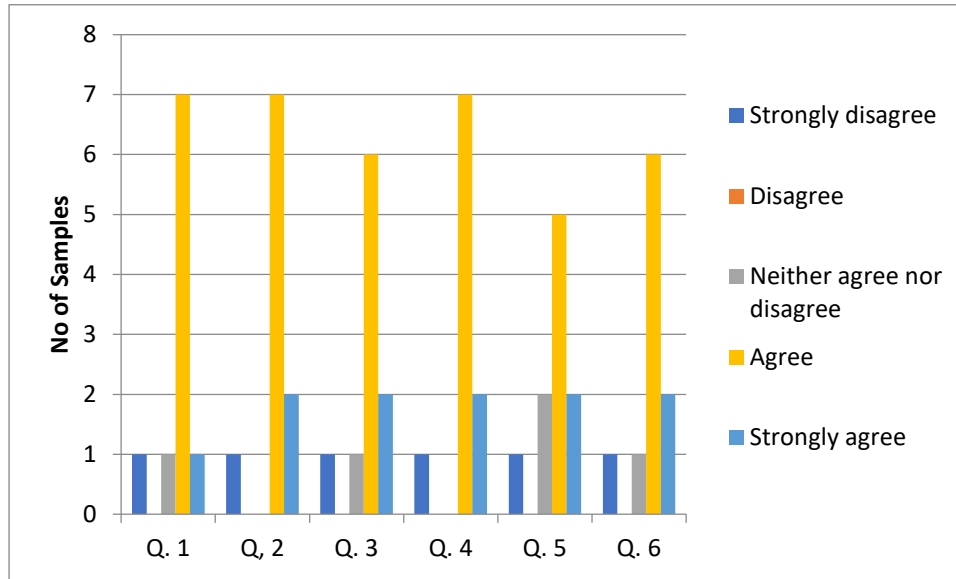
Questions:

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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Parent Satisfaction Survey EC IIInd 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	

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

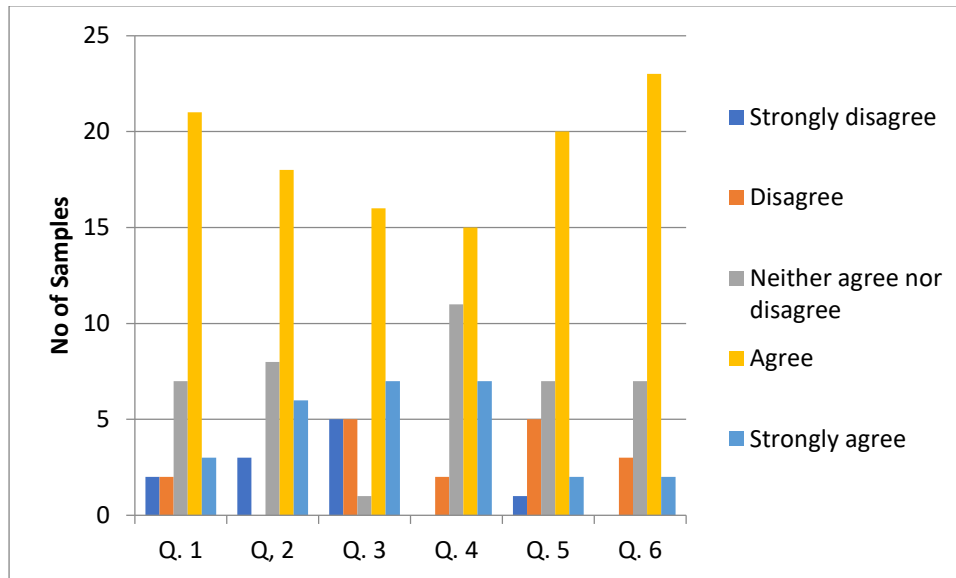
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

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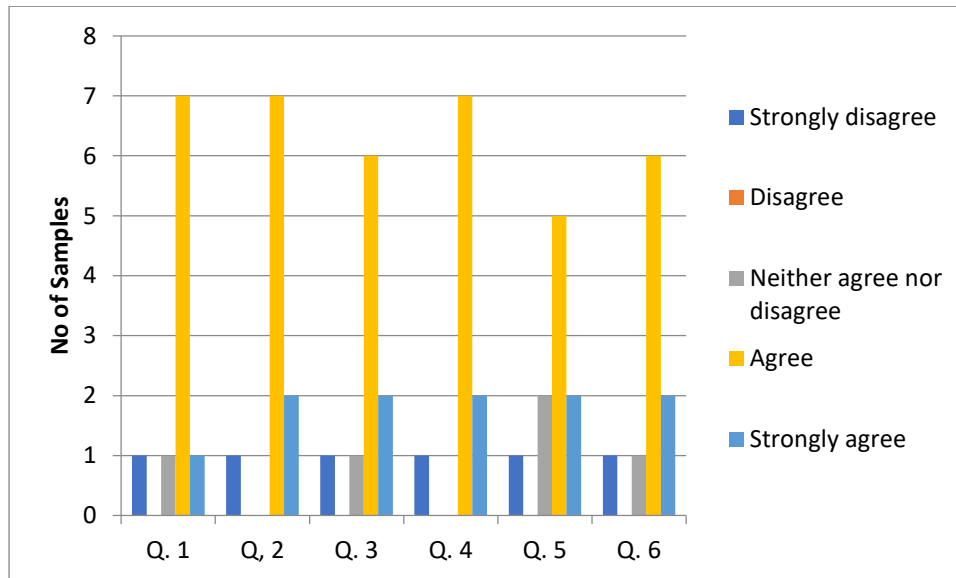
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

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*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	

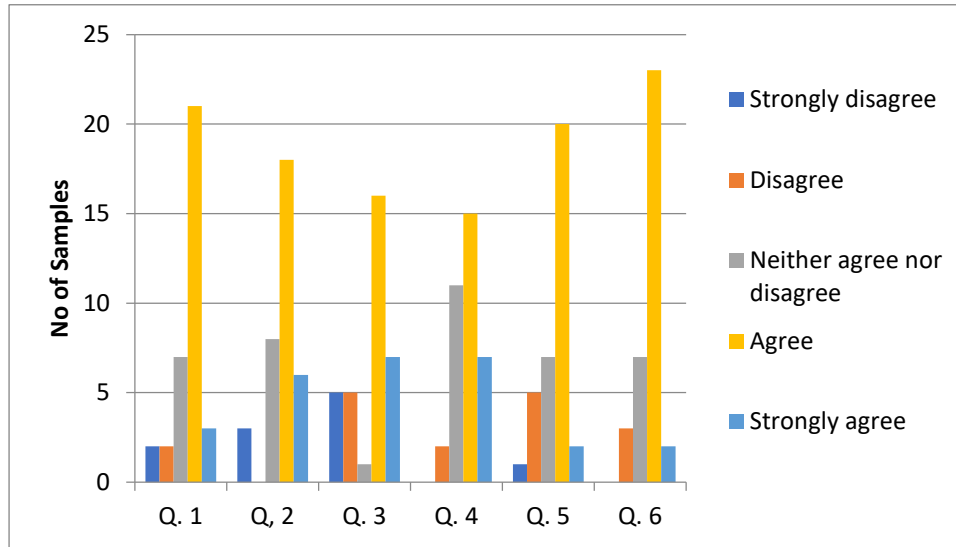
***Average =((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)**

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

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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	35.00
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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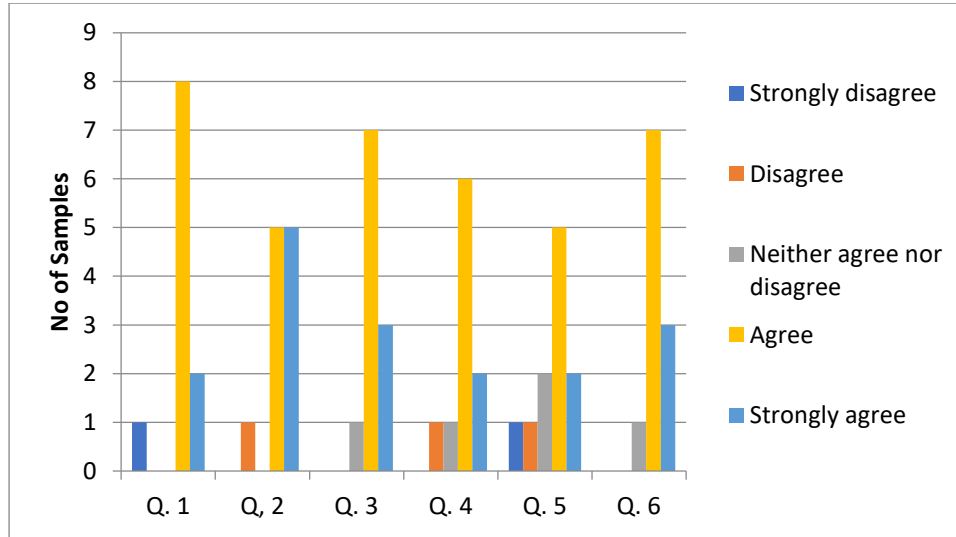
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Q. 6	0	3	7	23	2	3.69	73.71	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 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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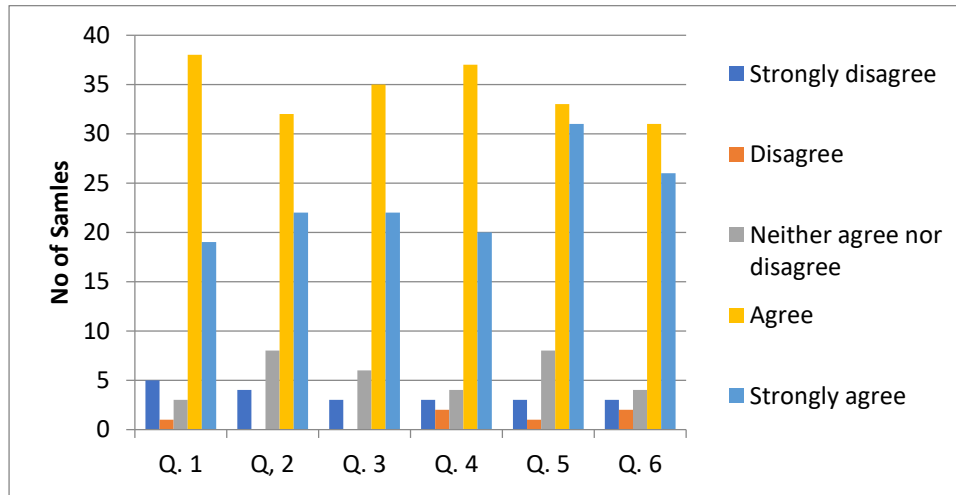
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

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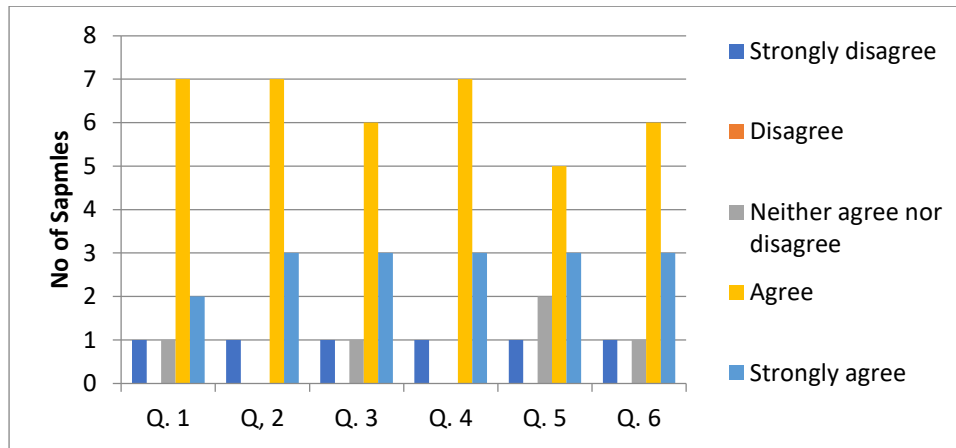
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Q. 5	3	1	8	33	31	4.16	83.16	Excellent
Q. 6	3	2	4	31	26	4.14	82.73	Excellent

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

1. Student Curriculum Feedback Session Jan-June 2021:

Questions:

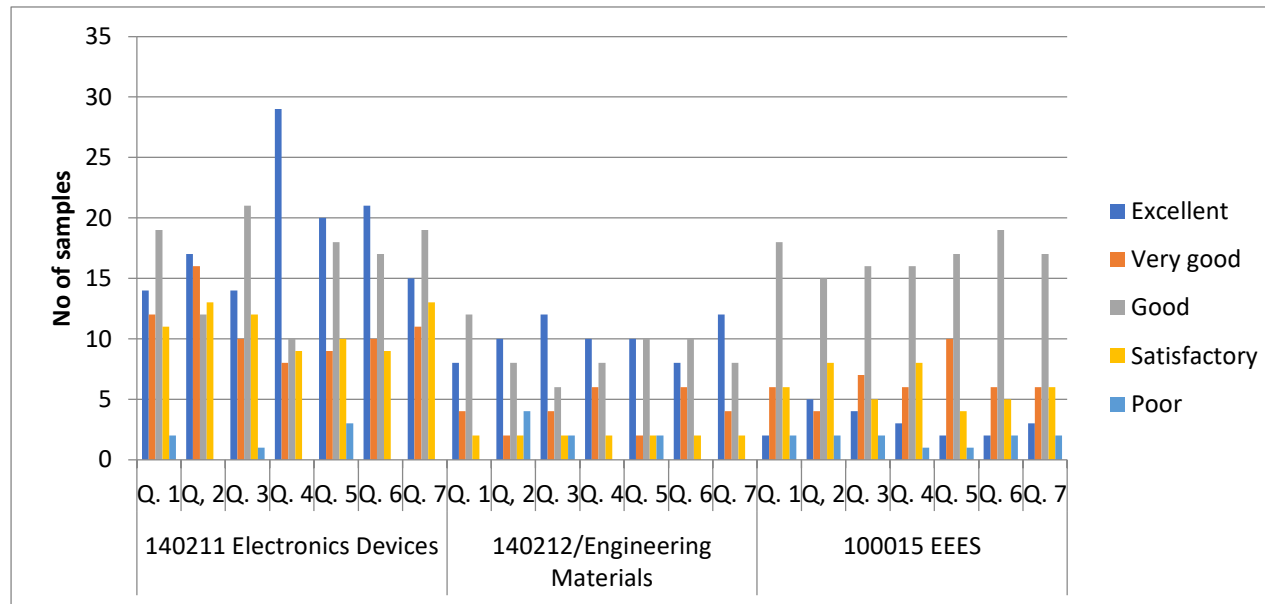
Q. 1	The course is well designed
Q. 2	The syllabus units are balanced
Q. 3	The learning material was available to you
Q. 4	The content was clear and easy to understand
Q. 5	The course was relevant and updated for present needs
Q. 6	The course meets your career expectations
Q. 7	The course will be useful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

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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.



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	

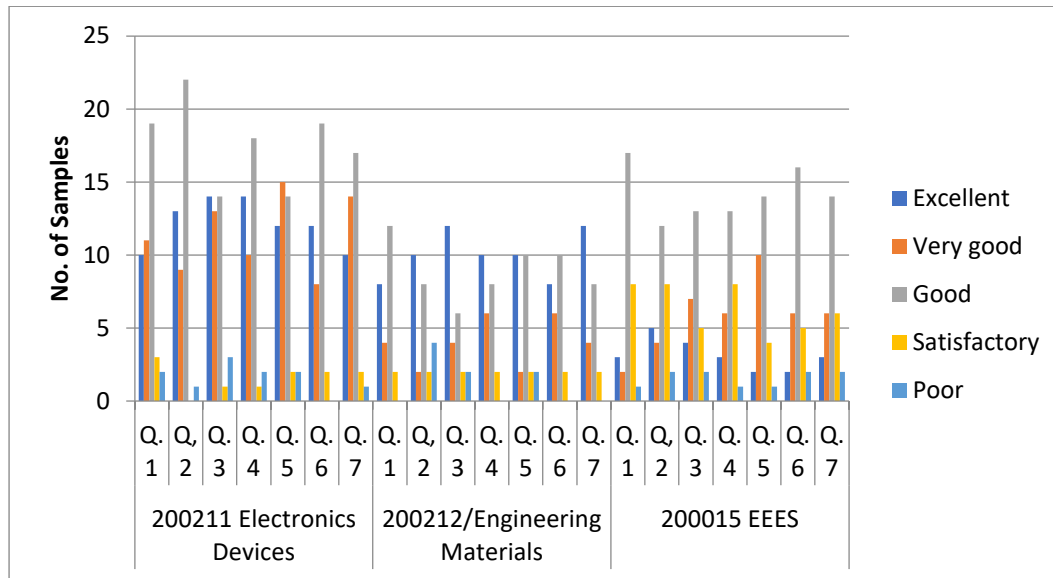
***Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)**

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)**

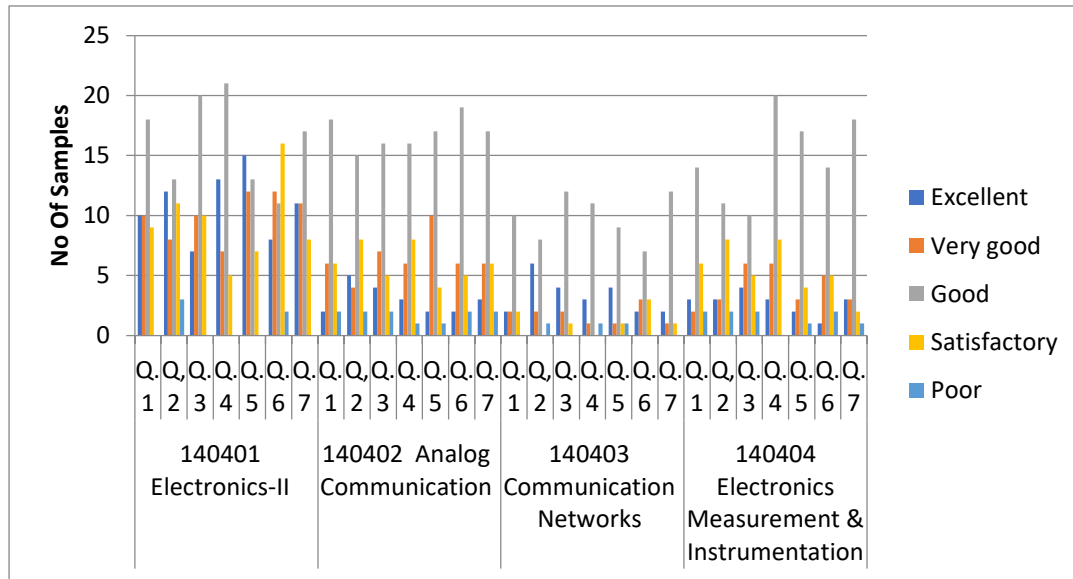
Analysis (%) = (Average/5)*100

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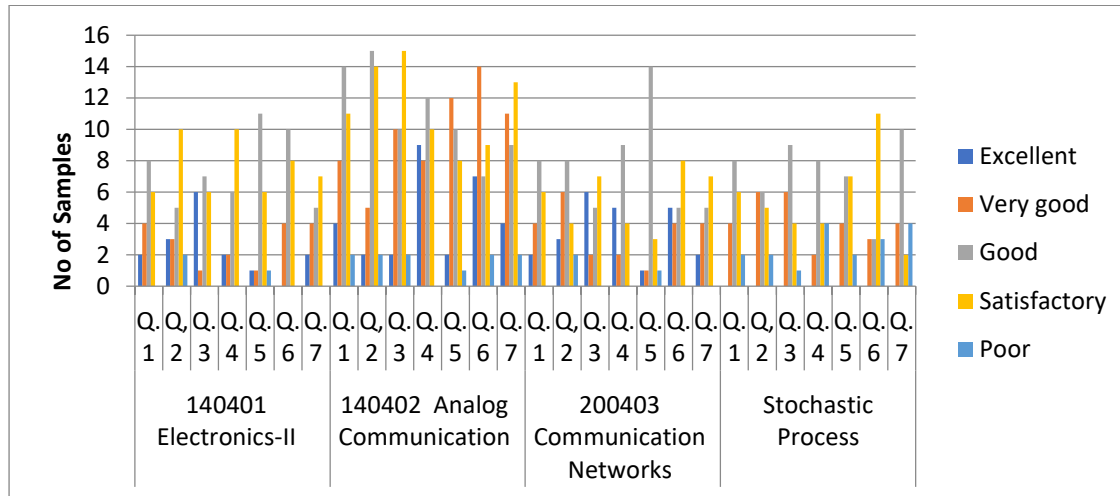
	Q. 6	1	5	14	5	2	2.93	58.52	Average	
	Q. 7	3	3	18	2	1	3.19	63.70	Good	

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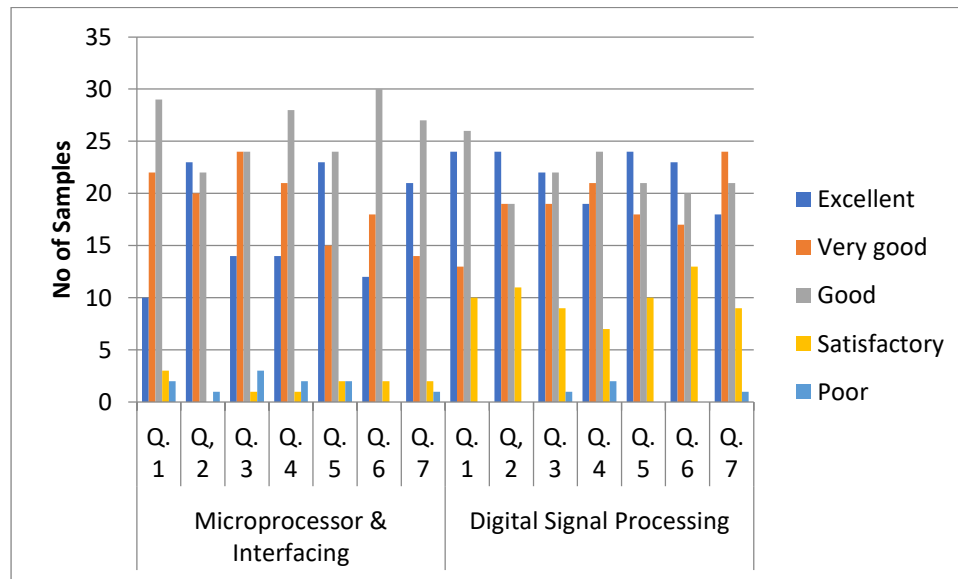
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	Q. 4	0	2	8	4	4	2.44	48.89	Below Average
	Q. 5	0	4	7	7	2	2.65	53.00	Average
	Q. 6	0	3	3	11	3	2.30	46.00	Below Average
	Q. 7	0	4	10	2	4	2.70	54.00	Average

***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	

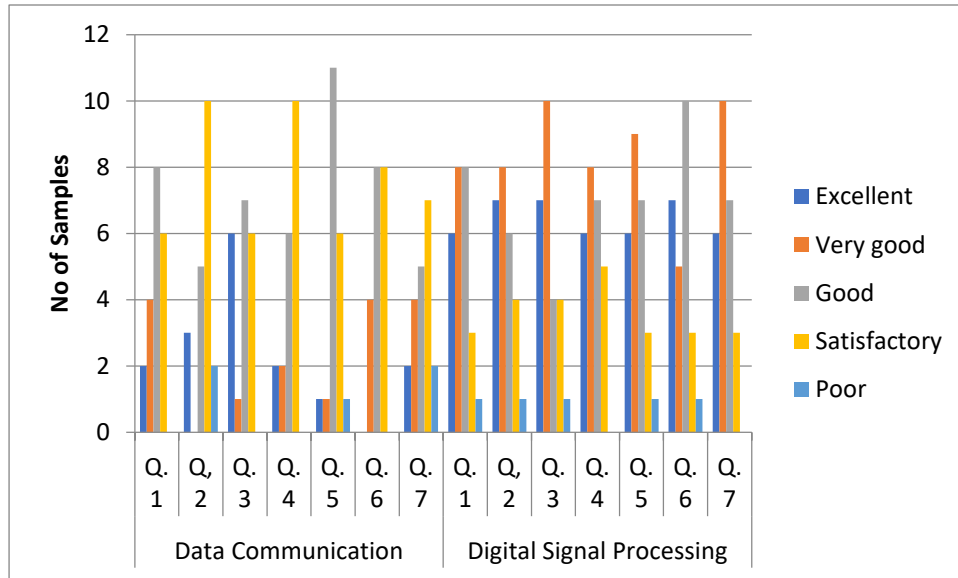
***Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)**

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	

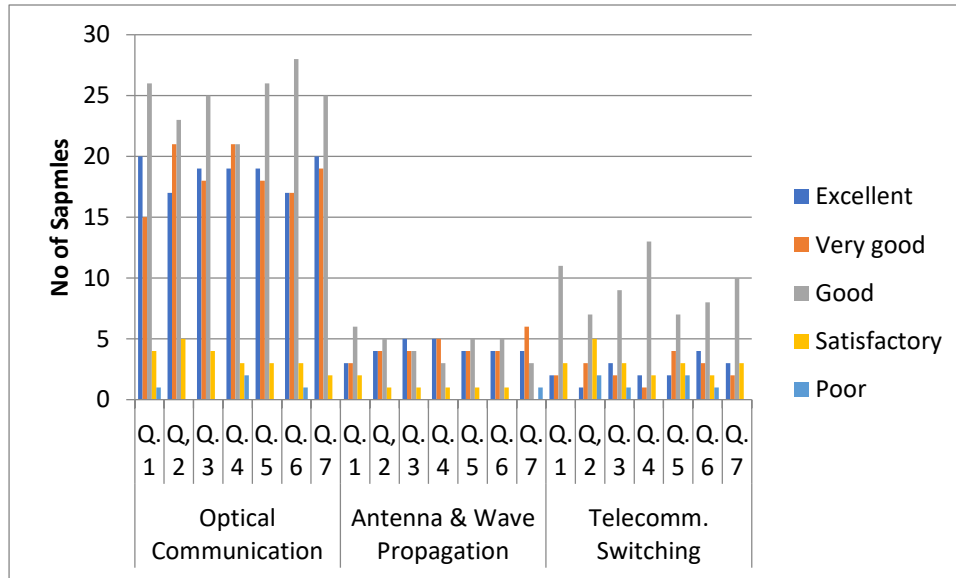
***Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)**

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

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

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

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(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	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
		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
140602/200602 DSP	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	
	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	
DE-1 Optical Communication	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	
	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	
DE-1 Antenna	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	
	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	
DE-1 Telecommunication Switching Network	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 3	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 EES	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	2.36	Good
		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

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

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)

Madhav Institute of Technology & Science, Gwalior
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Feedback Analysis (Jan. - June 2022)

Student Curriculum Feedback - CSE 4th Semester

Course Name & Code: Computer Networks (150411)

No. of Responses: 27

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	11.11	14.81	37.04	37.04	80
The syllabus units are balanced	0	7.41	14.81	40.74	37.04	81
The learning material was available to you	3.7	7.41	18.52	37.04	33.33	78
The content was clear and easy to understand	0	3.7	25.93	22.22	48.15	83
The course was relevant and updated for present needs	0	3.7	25.93	37.04	33.33	80
The course meets your career expectations	0	11.11	18.52	29.63	40.74	80
The course will be useful to meet your higher studies/future aspirations.	0	11.11	18.52	29.63	40.74	80

Course Name & Code: Database Management System (150412)

No. of Responses: 14

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	0	42.86	28.57	28.57	77
The syllabus units are balanced	7.14	7.14	35.71	35.71	14.29	69
The learning material was available to you	0	0	35.71	35.71	28.57	79
The content was clear and easy to understand	0	7.14	50	28.57	14.29	70
The course was relevant and updated for present needs	0	0	50	28.57	21.43	74
The course meets your career expectations	0	0	35.71	35.71	28.57	79
The course will be useful to meet your higher studies/future aspirations.	0	0	42.86	28.57	28.57	77

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Feedback Analysis (Jan. - June 2022)

Course Name & Code: Software Engineering (150413)

No. of Responses: 21

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	4.76	0	14.29	38.1	42.86	83
The syllabus units are balanced	4.76	0	14.29	38.1	42.86	83
The learning material was available to you	0	0	0	42.86	57.14	91
The content was clear and easy to understand	4.76	4.76	9.52	52.38	28.57	79
The course was relevant and updated for present needs	0	4.76	19.05	28.57	47.62	84
The course meets your career expectations	0	4.76	9.52	38.1	47.62	86
The course will be useful to meet your higher studies/future aspirations.	4.76	0	19.05	38.1	38.1	81

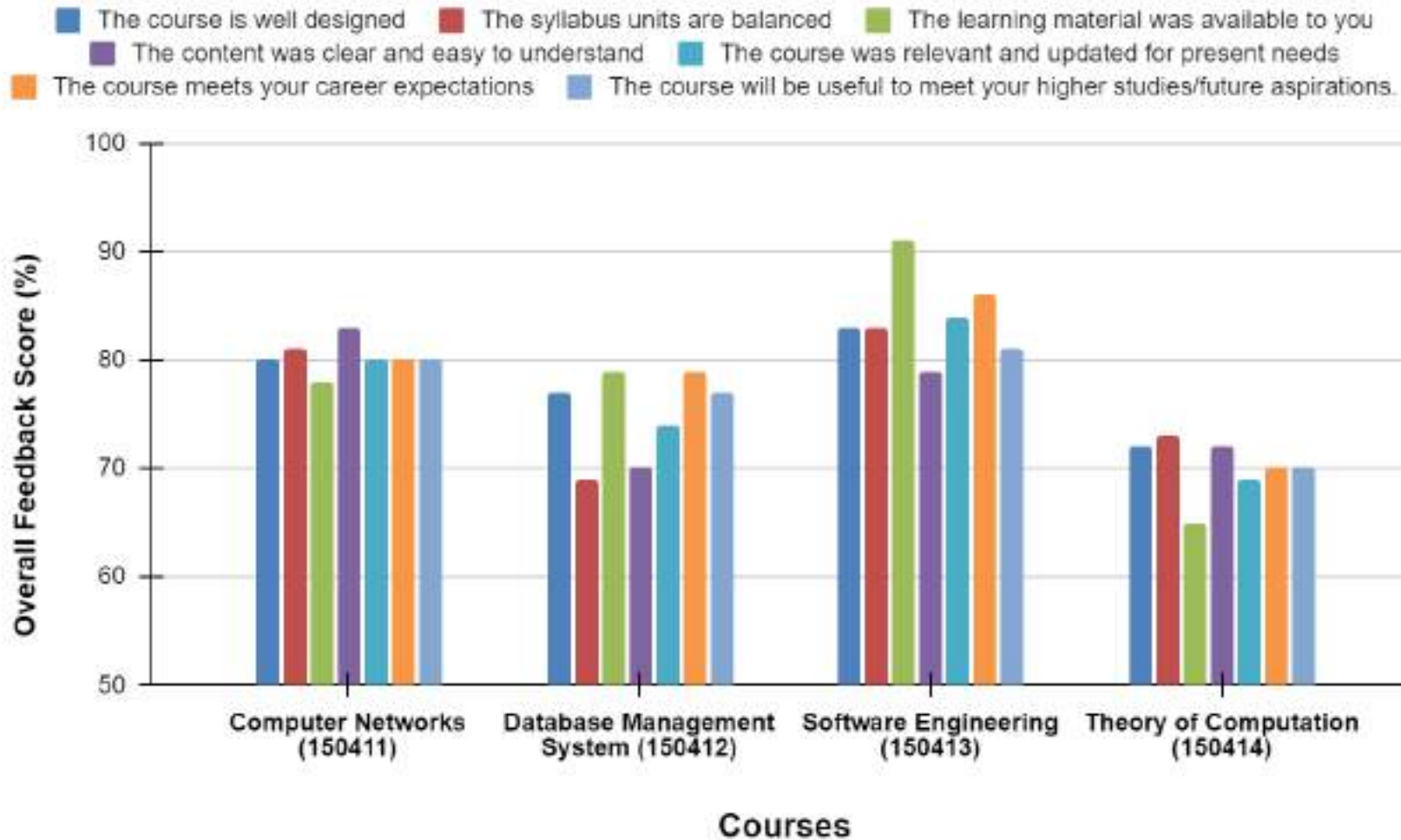
Course Name & Code: Theory of Computation (150414)

No. of Responses: 29

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	0	24.14	24.14	37.93	72
The syllabus units are balanced	0	0	27.59	27.59	34.48	73
The learning material was available to you	0	0	27.59	17.24	34.48	65
The content was clear and easy to understand	0	0	27.59	17.24	41.38	72
The course was relevant and updated for present needs	0	0	20.69	27.59	34.48	69
The course meets your career expectations	0	0	31.03	17.24	37.93	70
The course will be useful to meet your higher studies/future aspirations.	0	0	31.03	20.69	34.48	70

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Feedback Analysis (Jan. - June 2022)

Overall Student Curriculum Feedback Analysis - CSE 4th Semester



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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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Feedback Analysis (Jan. - June 2022)

Student Curriculum Feedback - CSE 6th Semester

Course Name & Code: Compiler Design (150601)

No. of Responses: 7

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	0	14.29	57.14	14.29	69
The syllabus units are balanced	0	0	28.57	28.57	28.57	69
The learning material was available to you	0	0	14.29	42.86	28.57	71
The content was clear and easy to understand	0	14.29	28.57	14.29	28.57	63
The course was relevant and updated for present needs	0	0	42.86	14.29	28.57	66
The course meets your career expectations	0	14.29	28.57	14.29	28.57	63
The course will be useful to meet your higher studies/future aspirations.	0	14.29	28.57	14.29	28.57	63

Course Name & Code: Computer Networks (150602)

No. of Responses: 22

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	9.09	36.36	13.64	40.91	77
The syllabus units are balanced	0	4.55	27.27	27.27	40.91	81
The learning material was available to you	0	4.55	31.82	18.18	45.45	81
The content was clear and easy to understand	0	9.09	31.82	13.64	45.45	79
The course was relevant and updated for present needs	0	4.55	40.91	13.64	40.91	78
The course meets your career expectations	4.55	13.64	27.27	13.64	40.91	75
The course will be useful to meet your higher studies/future aspirations.	0	13.64	27.27	18.18	40.91	77

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Feedback Analysis (Jan. - June 2022)

Course Name & Code: Network & Web Security (150611)

No. of Responses: 69

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	1.45	2.9	33.33	31.88	30.43	77
The syllabus units are balanced	0	5.8	26.09	39.13	28.99	78
The learning material was available to you	1.45	8.7	31.88	33.33	24.64	74
The content was clear and easy to understand	1.45	4.35	34.78	31.88	27.54	76
The course was relevant and updated for present needs	1.45	8.7	27.54	34.78	27.54	76
The course meets your career expectations	1.45	8.7	30.43	27.54	31.88	76
The course will be useful to meet your higher studies/future aspirations.	1.45	4.35	28.99	36.23	28.99	77

Course Name & Code: Mobile Computing (150613)

No. of Responses: 19

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	5.26	0	36.84	36.84	21.05	74
The syllabus units are balanced	15.79	0	31.58	26.32	26.32	69
The learning material was available to you	5.26	10.53	26.32	42.11	15.79	71
The content was clear and easy to understand	10.53	5.26	31.58	10.53	42.11	74
The course was relevant and updated for present needs	5.26	5.26	36.84	31.58	21.05	72
The course meets your career expectations	5.26	10.53	36.84	31.58	15.79	68
The course will be useful to meet your higher studies/future aspirations.	5.26	10.53	31.58	42.11	10.53	68

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Feedback Analysis (Jan. - June 2022)

Course Name & Code: Disaster Management (100007)

No. of Responses: 32

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	9.38	37.5	31.25	21.88	73
The syllabus units are balanced	0	6.25	34.38	40.63	18.75	74
The learning material was available to you	0	3.13	37.5	34.38	25	76
The content was clear and easy to understand	0	3.13	31.25	40.63	25	78
The course was relevant and updated for present needs	0	9.38	28.13	37.5	25	76
The course meets your career expectations	0	6.25	40.63	28.13	25	74
The course will be useful to meet your higher studies/future aspirations.	0	6.25	34.38	34.38	25	76

Course Name & Code: Data Structure (900106)

No. of Responses: 44

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	0	4.55	34.09	25	36.36	79
The syllabus units are balanced	0	6.82	29.55	29.55	34.09	78
The learning material was available to you	2.27	15.91	25	25	31.82	74
The content was clear and easy to understand	0	13.64	27.27	27.27	31.82	75
The course was relevant and updated for present needs	0	9.09	29.55	22.73	38.64	78
The course meets your career expectations	2.27	6.82	25	31.82	34.09	78
The course will be useful to meet your higher studies/future aspirations.	0	6.82	25	31.82	36.36	80

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Feedback Analysis (Jan. - June 2022)

Course Name & Code: Python Programming (900107)

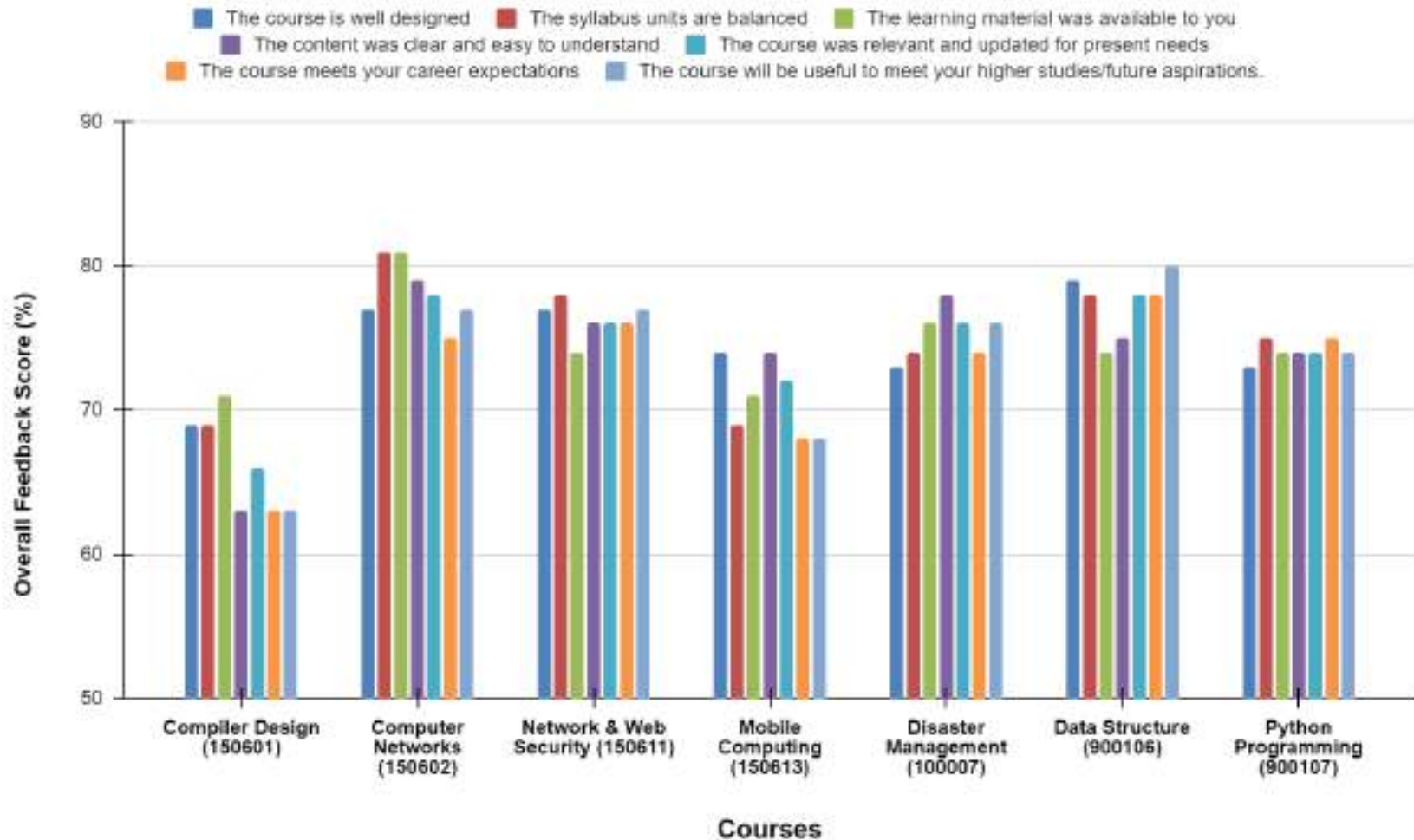
No. of Responses: 25

Parameters	Strongly Disagree (%age Response)	Disagree (%age Response)	Neutral (%age Response)	Agree (%age Response)	Strongly Agree (%age Response)	Overall Score (%)
The course is well designed	4	12	32	20	32	73
The syllabus units are balanced	4	8	32	20	36	75
The learning material was available to you	4	8	32	28	28	74
The content was clear and easy to understand	4	12	28	24	32	74
The course was relevant and updated for present needs	4	12	28	24	32	74
The course meets your career expectations	4	8	32	20	36	75
The course will be useful to meet your higher studies/future aspirations.	4	12	28	20	36	74

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Feedback Analysis (Jan. - June 2022)

Overall Student Curriculum Feedback Analysis - CSE 6th Semester



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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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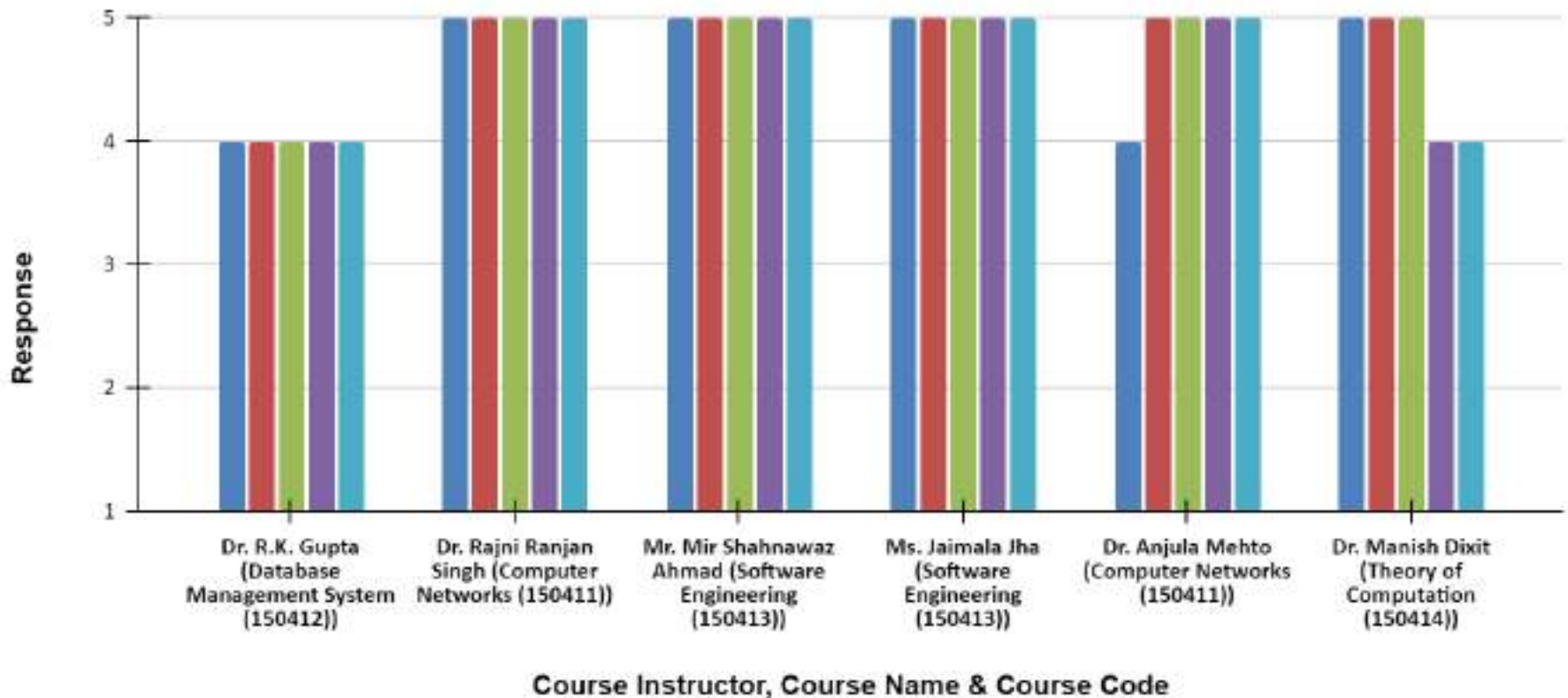
Feedback Analysis (Jan. - June 2022)

					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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Feedback Analysis (Jan. - June 2022)

Faculty Curriculum Feedback Jan-June 2022 (4th Semester CSE)

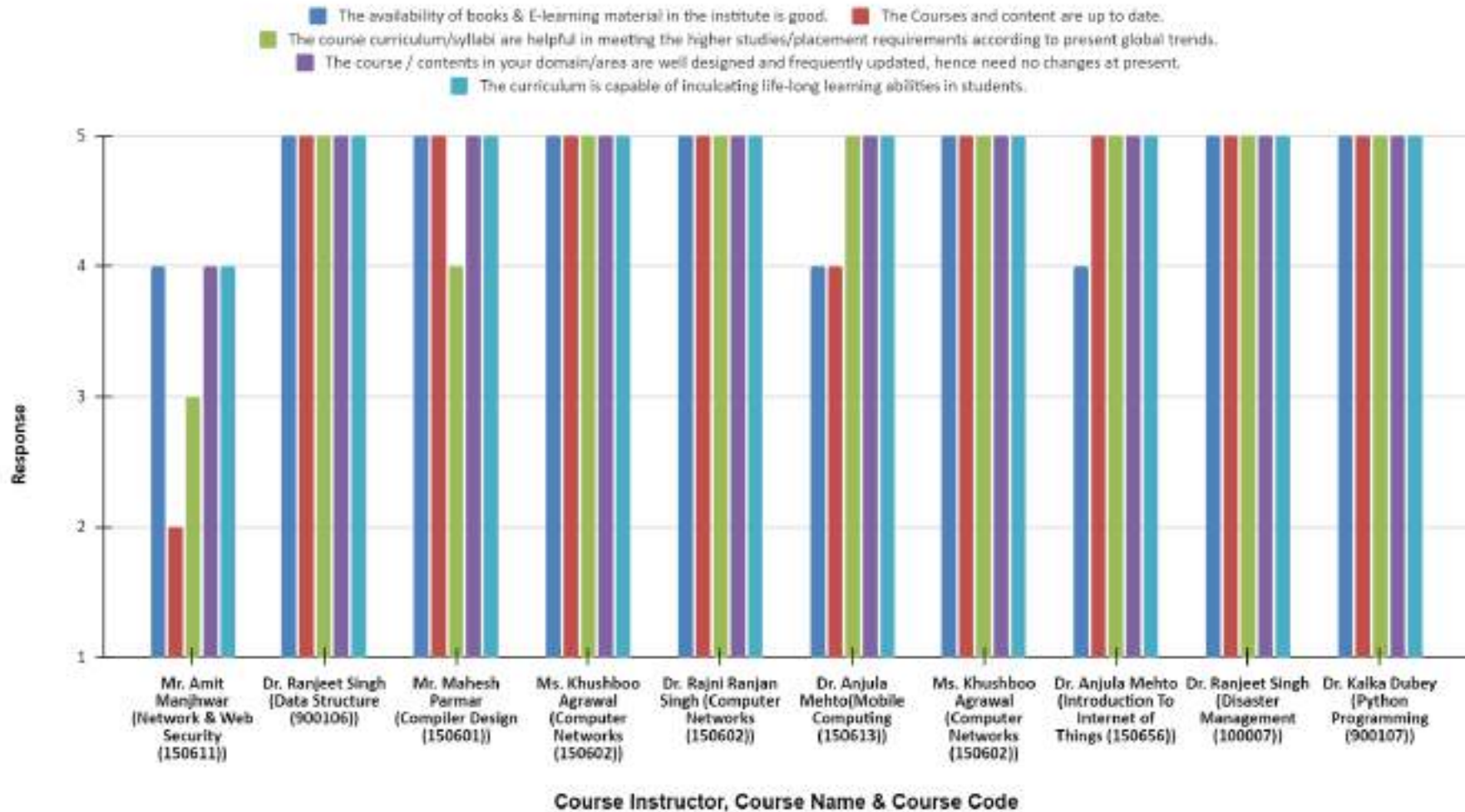
- The availability of books & E-learning material in the institute is good.
- The Courses and content are up to date.
- The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.
- The course / contents in your domain/area are well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



Response Mapping: 1 - Strongly Disagree; 2 - Disagree; 3 - Neutral; 4 - Agree; 5 - Strongly Agree

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Feedback Analysis (Jan. - June 2022)

Faculty Curriculum Feedback Jan-June 2022 (6th Semester CSE)

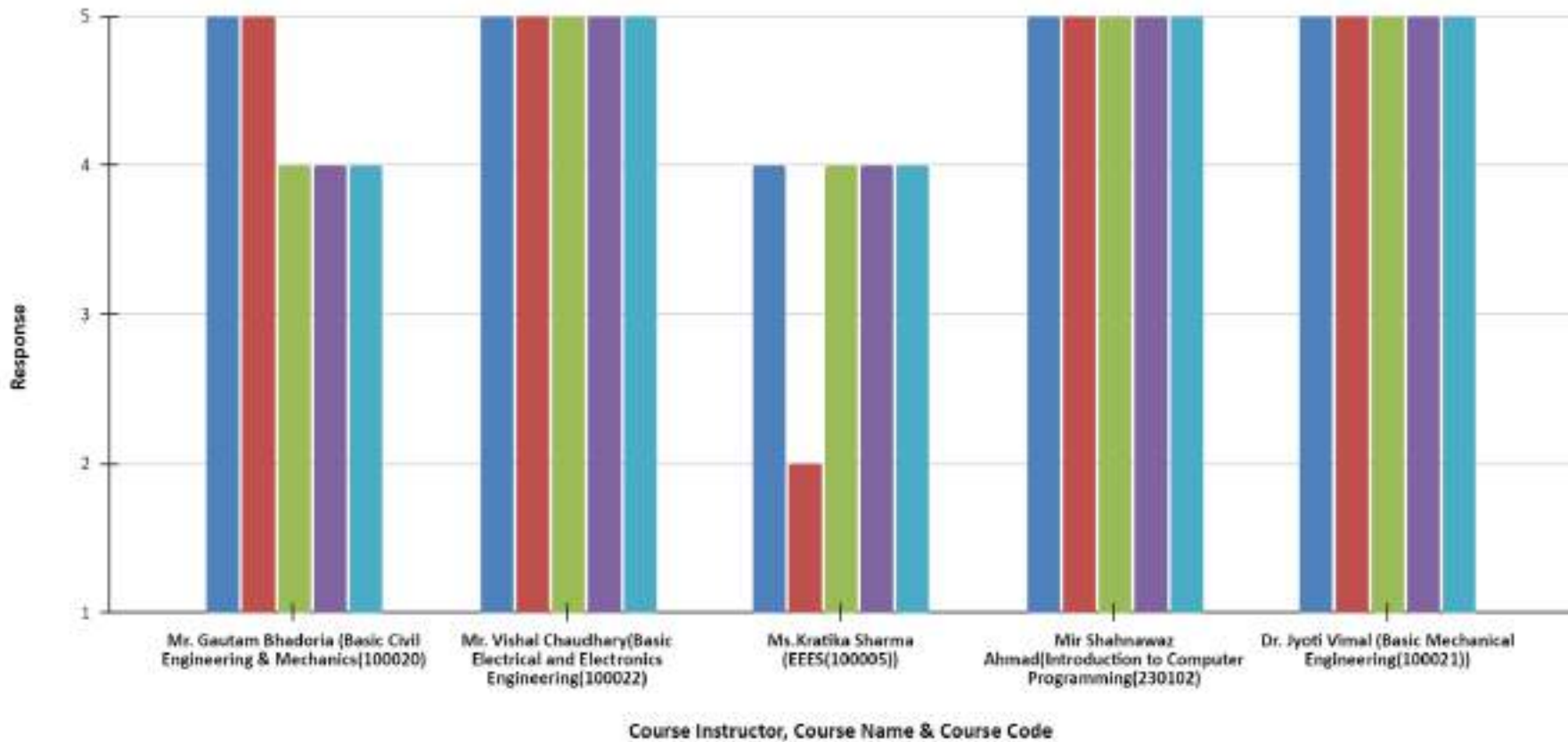


Response Mapping: 1 - Strongly Disagree; 2 - Disagree; 3 - Neutral; 4 - Agree; 5 - Strongly Agree

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Feedback Analysis (Jan. - June 2022)

Faculty Curriculum Feedback Jan-June 2022 (1st Semester CSE)

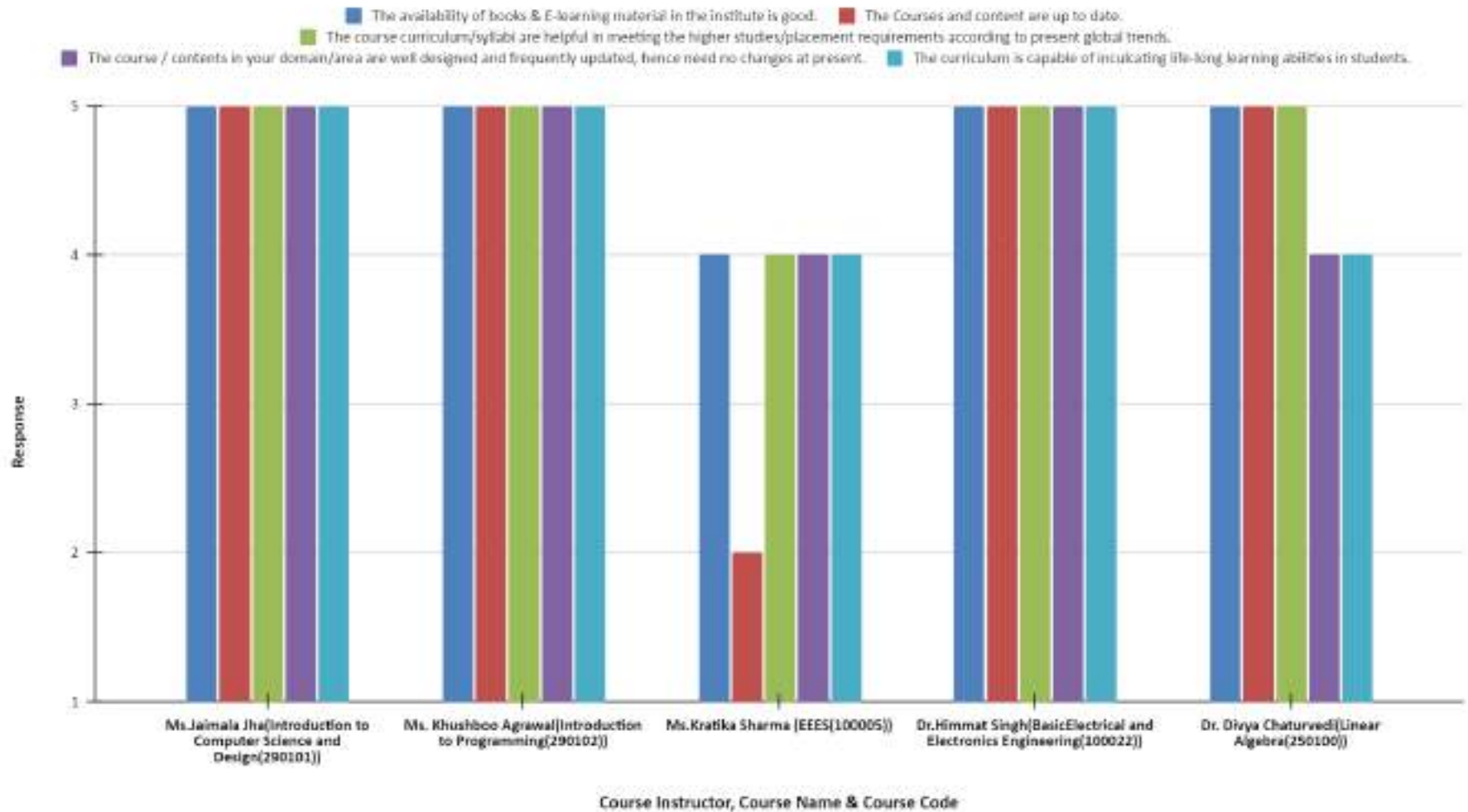
- The availability of books & E-learning material in the institute is good.
- The Courses and content are up to date.
- The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.
- The course / contents in your domain/areas are well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



Response Mapping: 1 - Strongly Disagree; 2 - Disagree; 3 - Neutral; 4 - Agree; 5 - Strongly Agree

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Feedback Analysis (Jan. - June 2022)

Faculty Curriculum Feedback Jan-June 2022 (1st Semester CSD)

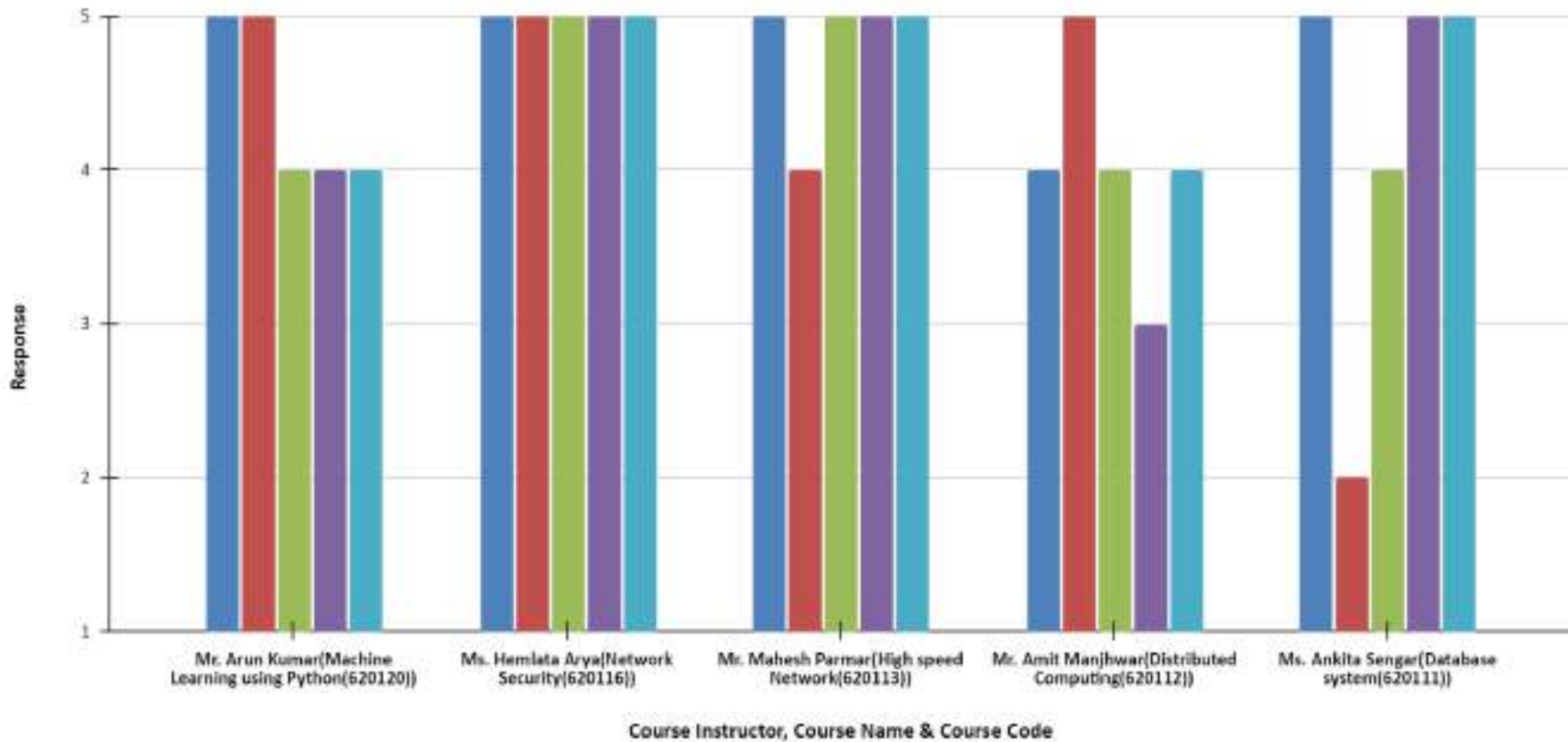


Response Mapping: 1 - Strongly Disagree; 2 - Disagree; 3 - Neutral; 4 - Agree; 5 - Strongly Agree

Madhav Institute of Technology & Science, Gwalior
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Feedback Analysis (Jan. - June 2022)

Faculty Curriculum Feedback Jan-June 2022 (First Semester M. Tech. CSE)

- The availability of books & E-learning material in the institute is good.
- The Courses and content are up to date.
- 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.



Response Mapping: 1 - Strongly Disagree; 2 - Disagree; 3 - Neutral; 4 - Agree; 5 - Strongly Agree

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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 Manjhar (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 (Basic Electrical 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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Department of Computer Science and Engineering

Feedback Analysis (Jan. - June 2022)

29.	Mr. Mahesh Parmar(High speed Network(620113))	All the responses are Satisfactory.
30.	Mr. Amit Manjhar(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:

- 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

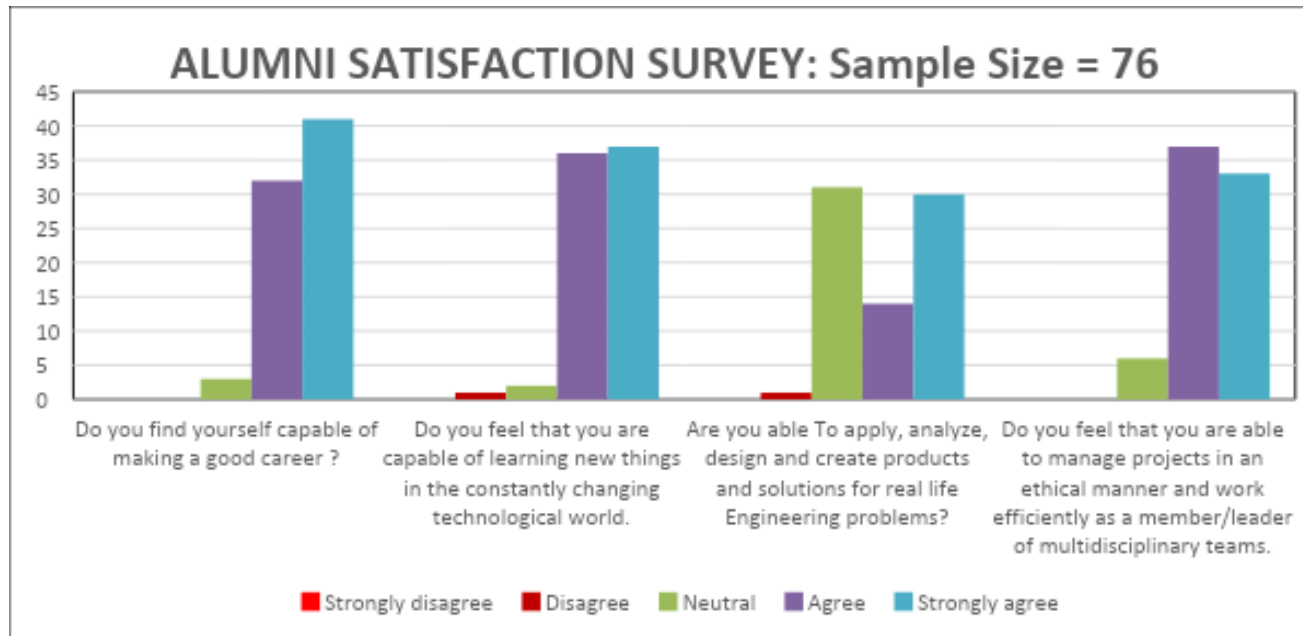
Madhav Institute of Technology & Science, Gwalior
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Department of Computer Science and Engineering
Feedback Analysis (Jan. - June 2022)

Summary Sheet (Alumni Satisfaction Survey) Sample Size:76

Curriculum Evaluation Point	Number of Response				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Do you find yourself capable of making a good career ?	0	0	3	32	41
Do you feel that you are capable of learning new things in the constantly changing technological world.	0	1	2	36	37
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems?	0	1	31	14	30
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	0	0	6	37	33

Alumni Satisfaction Index has been calculated on 5 Point Scale

(5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly Disagree)

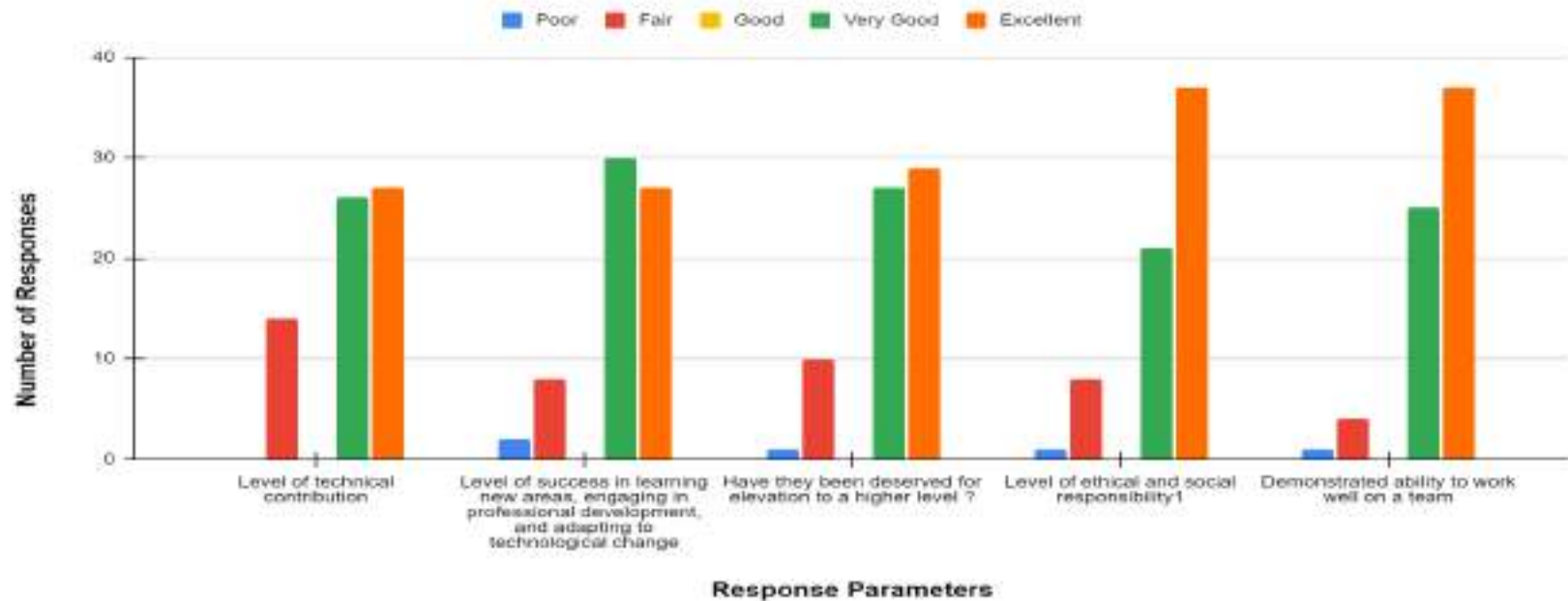


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Department of Computer Science and Engineering

Feedback Analysis (Jan. - June 2022)

Summary Sheet (Employer Satisfaction Survey) Sample Size:67

Parameter (Average Grading)	Poor	Fair	Good	Very Good	Excellent	Employer Satisfaction Index
Level of technical contribution	0	14	0	26	27	3.98
Level of success in learning new areas, engaging in professional development, and adapting to technological change	2	8	0	30	27	4.07
Have they been deserved for elevation to a higher level ?	1	10	0	27	29	4.08
Level of ethical and social responsibility ¹	1	8	0	21	37	4.26
Demonstrated ability to work well on a team	1	4	0	25	37	4.38
Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)						



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Feedback Analysis (Jan. - June 2022)

Any Other Comment / Suggestions (Please write)	Action taken
Good technical knowledge	-
GOOD. KEEP IT UP	-
Hardworking & smart students	-
Having good technical knowledge as well as great dedication and attitude towards any given task. He is having great potential to grow in our organization.	-
Nicholas is a great addition to the team. He has shown good acumen to research new technology and solutions and find the best possible usage out of that.	-
Overall Good Candidates	-
Please make your study environment as per private companies standard.	Students doing internship /project for understanding company needs. Curriculum has been designed as per industry requirements.
Positive, dynamic, fast learner, good team performer. MITS rocks!!	-
Require more Co -Operation and Co-Ordination.	Our training placement department coordinating.
Jai is an excellent team player and a fast learner.He is focused to the work and performs his responsibilities very well and on time. Happy to have him in the team.	-
till now the journey is wonderful in terms of learning and earning. despite a lower package, the promotions were way above industrial norms good growth and a positive work environment	-
More companies should be invited to the institute premises to provide greater exposure to the students.	-
I think they did a great job. They just need proper guidance.	-
focused on new technology...	As per the industry demands some provision has been incorporated for industry person guidance in the curriculum
Need some improvement in practical aspect.	Timely workshops and training programs conducted
Please improve quality of education	Curriculum has designed as per industry needs
Excellent team player, eager to learn and strive for success. Truly carrying the MITS value.	-
Very good human being. Honest and hard working professional.	-
This year some freshers have joined L&T, and I am really shocked to see their attitude towards work adaptation. They need to understand that initially they have to learn to work.	-
Joining of 2020 Batch was delayed due to Covid-19 pandemic. GET batch started in Dec 20/ Jan 21. Quarterly performance review would happen in due course.	-
Very talented, adapt easily to new work environment, Never saying "no" attitude, always ready to learn new skills and help others	-

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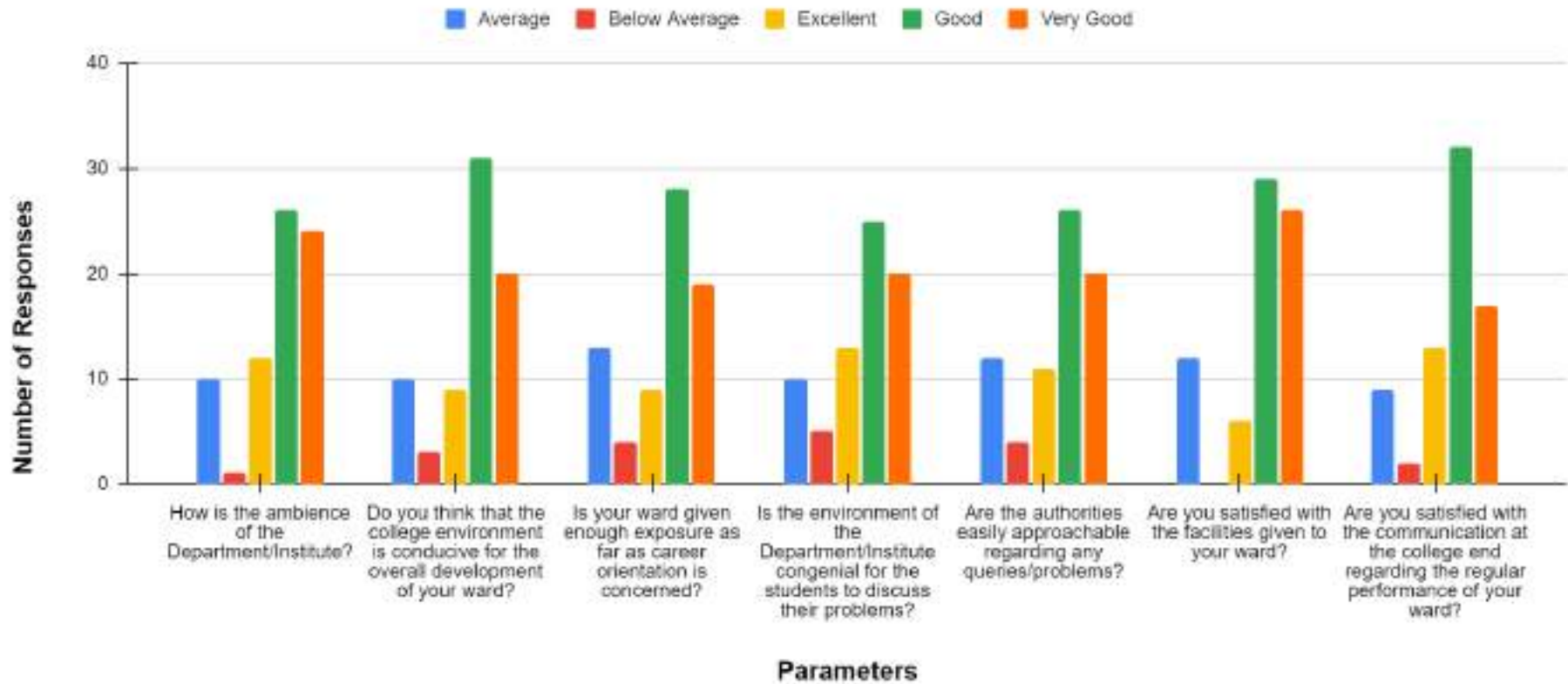
Feedback Analysis (Jan. - June 2022)

Summary Sheet (Parent Satisfaction Survey) Sample Size:73

Evaluation Point	Number of Response				
	Average	Below Average	Excellent	Good	Very Good
How is the ambience of the Department/Institute?	10	1	12	26	24
Do you think that the college environment is conducive for the overall development of your ward?	10	3	9	31	20
Is your ward given enough exposure as far as career orientation is concerned?	13	4	9	28	19
Is the environment of the Department/Institute congenial for the students to discuss their problems?	10	5	13	25	20
Are the authorities easily approachable regarding any queries/problems?	12	4	11	26	20
Are you satisfied with the facilities given to your ward?	12	0	6	29	26
Are you satisfied with the communication at the college end regarding the regular performance of your ward?	9	2	13	32	17

Parent Satisfaction Index has been calculated on 5 Point Scale ((5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)

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Feedback Analysis (Jan. - June 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 ridiculous	
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 Computer Science and Engineering

Feedback Analysis (Jan. - June 2022)

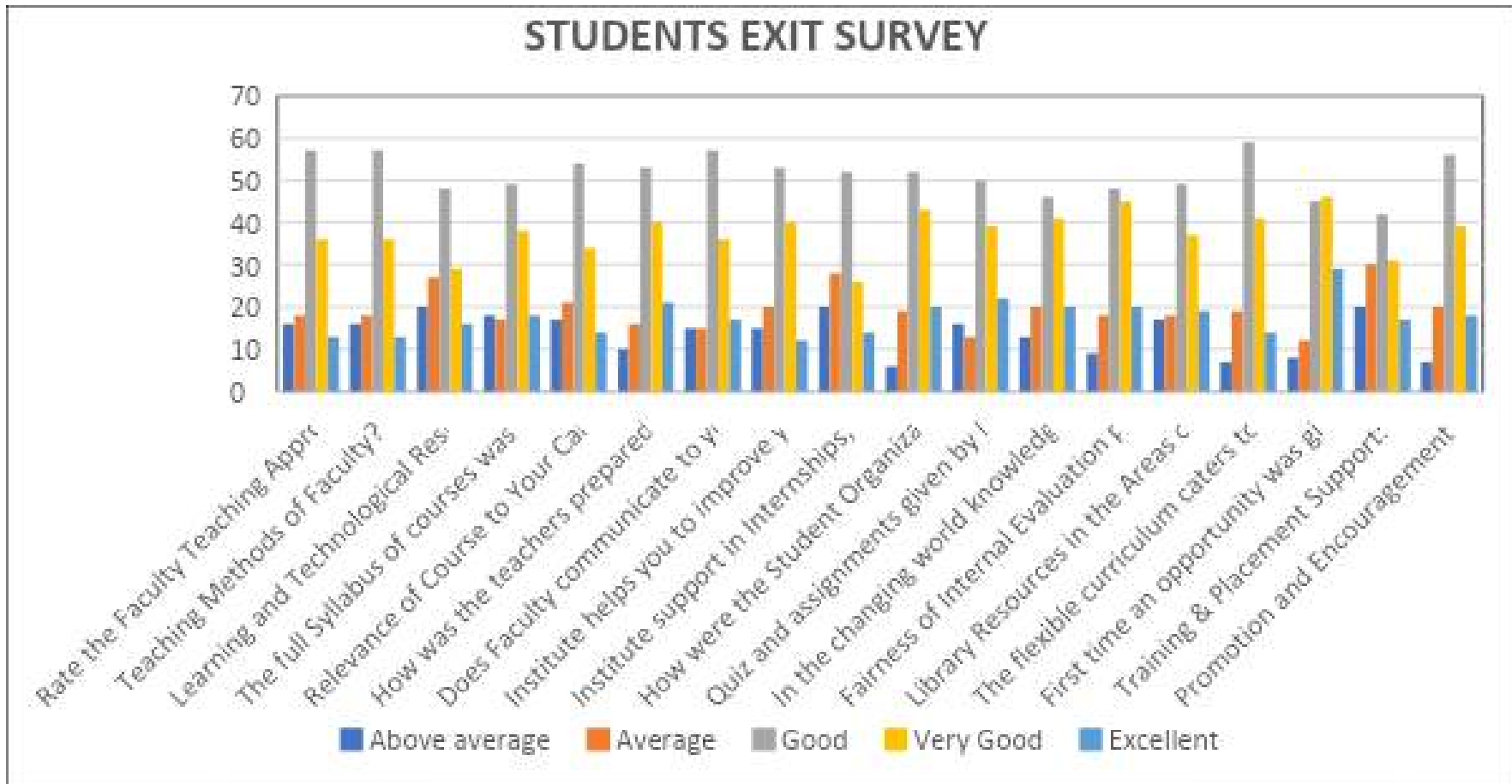
STUDENTS EXIT SURVEY FEEDBACK REPORT- 2022 BATCH: Sample Size :140

Parameter	Average	Above Average	Good	Very Good	Excellent	Exit Survey Index
Rate the Faculty Teaching Approach in the UG or PG Programs:	18	16	57	36	13	3.14
Teaching Methods of Faculty?	18	16	57	36	13	3.07
Learning and Technological Resources	27	20	48	29	16	2.90
The full Syllabus of courses was completed through regular & additional/remedial classes	17	18	49	38	18	3.15
Relevance of Course to Your Career Goals or Further Study:	21	17	54	34	14	3.02
How was the teachers preparedness and communication in the class?	16	10	53	40	21	3.28
Does Faculty communicate to you about Course Outcomes (CO), Program Outcomes (PO) and expected learning & competencies from the course?	15	15	57	36	17	3.17
Institute helps you to improve your soft skills, life skills and employability skills to make you ready for Industry or Placements -	20	15	53	40	12	3.06
Institute support in Internships, Industrial Visits, Project work, Students exchange and other related activities was	28	20	52	26	14	2.84
How were the Student Organizations, Technical & Social Clubs for your overall growth and learnings ?	19	6	52	43	20	3.27
Quiz and assignments given by Faculty were helpful in learning?	13	16	50	39	22	3.29
In the changing world knowledge of new technology and domains is expected from graduates. The NPTEL-MOOCs will help students in becoming self-learners and future ready	20	13	46	41	20	3.2
Fairness of Internal Evaluation process by faculty	18	9	48	45	20	3.28
Library Resources in the Areas of Engineering, Research, Journals & e-Journals, Technical Magazines etc.	18	17	49	37	19	3.15
The flexible curriculum caters to individual career needs by providing choice of subjects. In your opinion, this curriculum approach is	19	7	59	41	14	3.17
First time an opportunity was given for a full VIII semester internship/project. This provision will help in the career planning and growth for you and the future batches.	12	8	45	46	29	3.51
Training & Placement Support:	30	20	42	31	17	2.89
Promotion and Encouragement by Institute/Department for participation in Curricular and Extra-Curricular activities for development of students.	20	7	56	39	18	3.2

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Feedback Analysis (Jan. - June 2022)

Students Exit Survey Index (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Above Average, 1: Average Poor)



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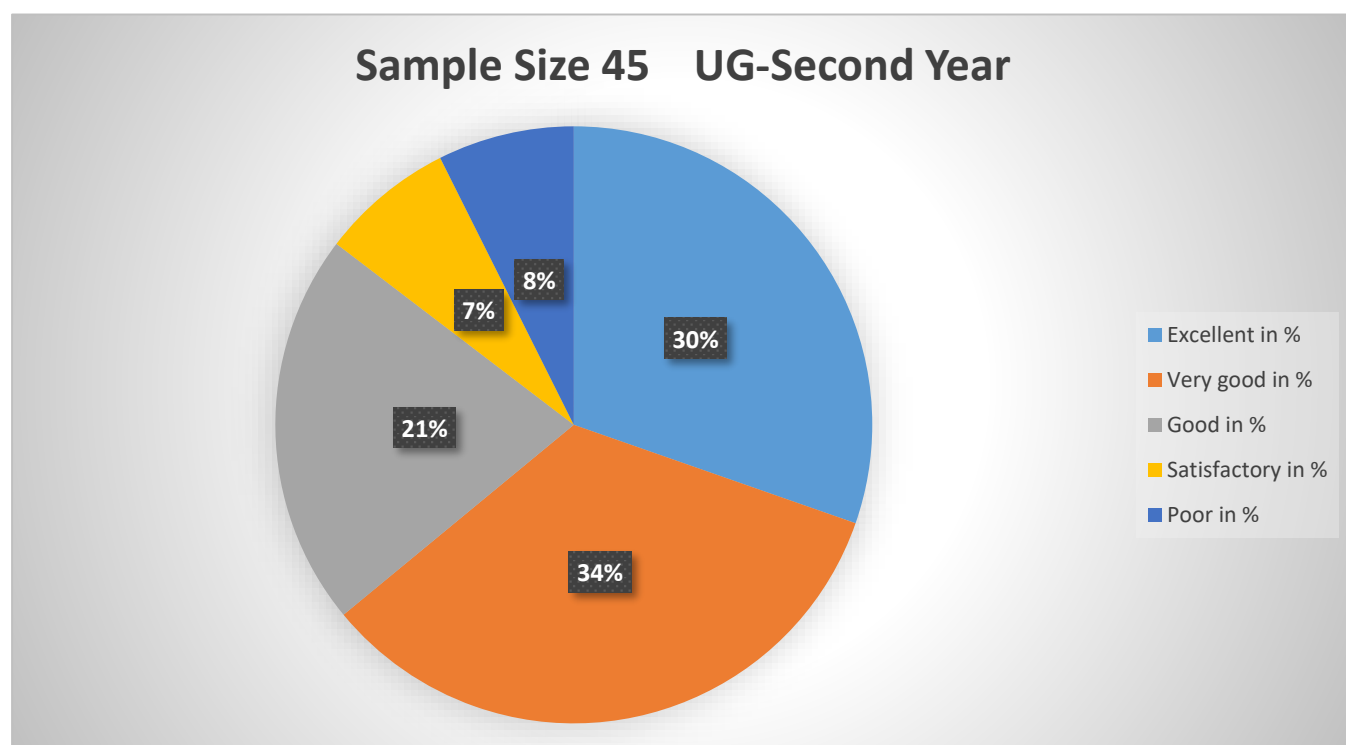
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Department of Computer Science and Engineering

Student Course Curriculum Feedback Analysis (July – Dec 2021)

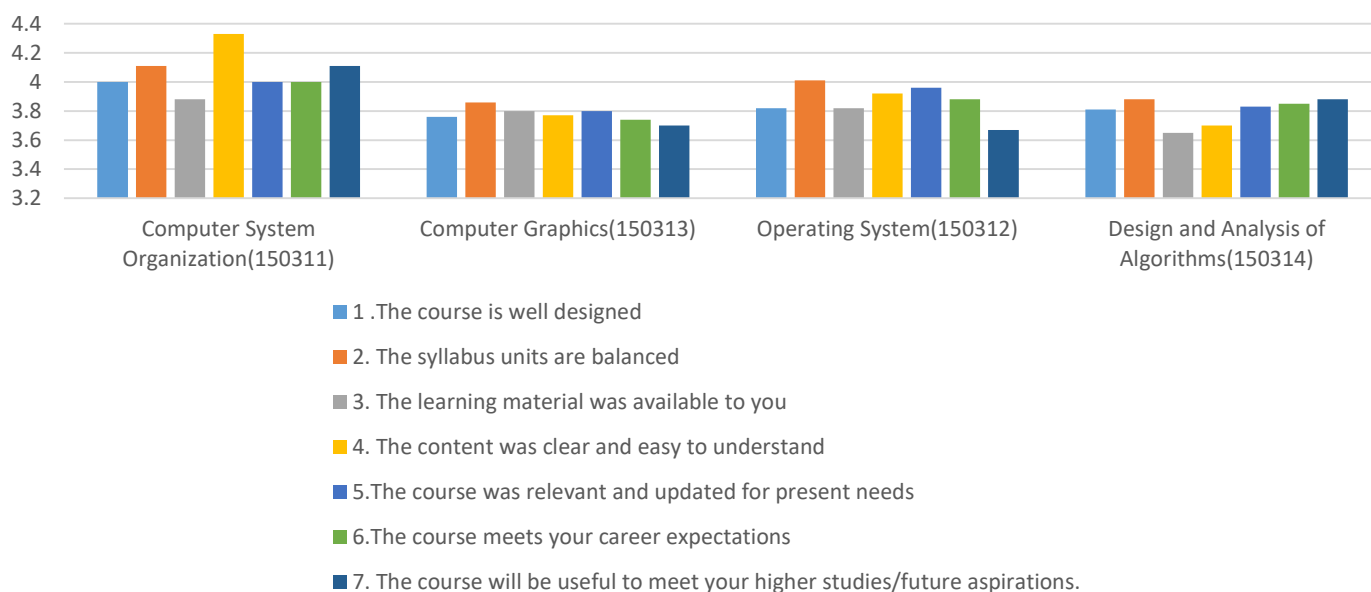
Summary Sheet -UG Second Year (III Sem)-Sample Size 45

Parameter(Average Grading)			Excellent in %	Very good in %	Good in %	Satisfactory in %	Poor in %
Sr. No	Subject Code	Subject Name					
1	150311	Computer System Organization	33.33	50.79	6.34	7.93	1.58
2	150313	Computer Graphics	34.4	28.56	24.26	6.82	5.88
3	150312	Operating System	32.07	30.15	30.12	7.26	0
4	150314	Design and Analysis of Algorithms	28.54	32.9	29.55	8.63	0.35



Parameter(Average Grading)		1. The course is well designed	2. The syllabus units are balanced	3. The learning material was available to you	4. The content was clear and easy to understand	5. The course was relevant and updated for present needs	6. The course meets your career expectations	7. The course will be useful to meet your higher studies/future aspirations.
Subject Code	Subject Name							
150311	Computer System Organization	4	4.11	3.88	4.33	4	4	4.11
150313	Computer Graphics	3.76	3.86	3.8	3.77	3.8	3.74	3.7
150312	Operating System	3.82	4.01	3.82	3.92	3.96	3.88	3.67
150314	Design and Analysis of Algorithms	3.81	3.88	3.65	3.7	3.83	3.85	3.88

Sample Size 45 UG-Second Year

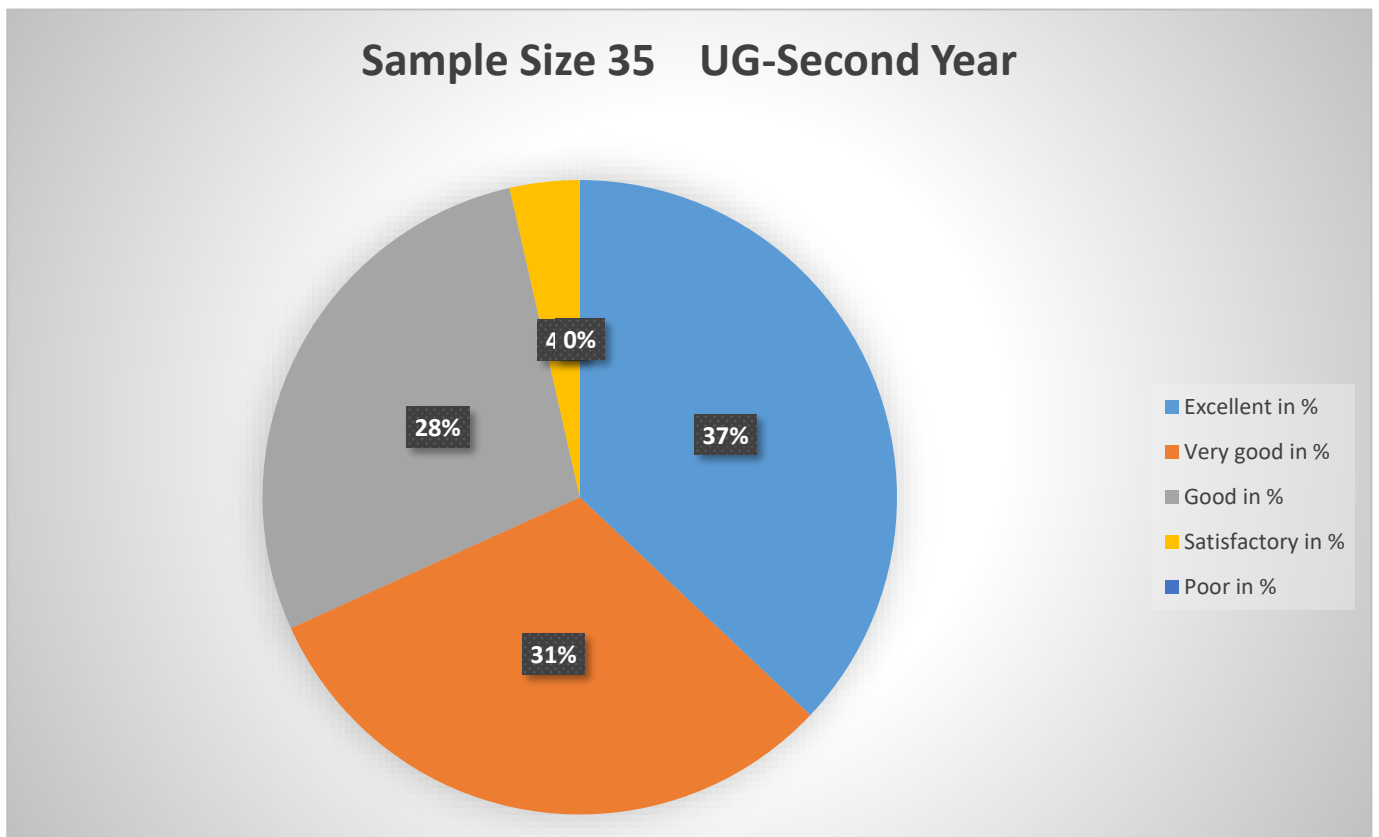


Students Comments:

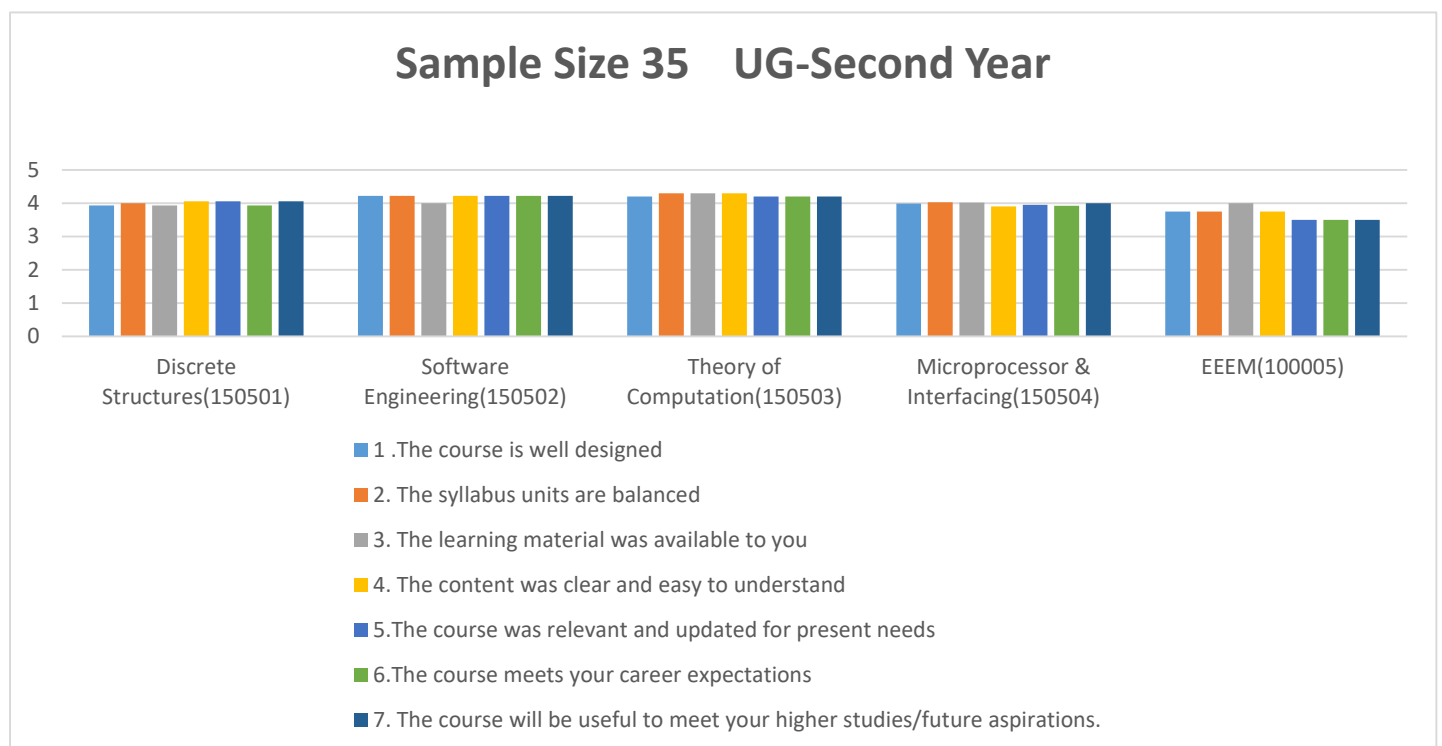
Course Code and Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
150314 Design and Analysis of Algorithms	NO	NO	NO
150313 Computer Graphics	No need	Every thing is just fine	No
150313 Computer Graphics	nothing	Not need	Nope

Summary Sheet -UG Third Year (V Sem)-Sample Size 35

Parameter(Average Grading)			Excellent in %	Very good in %	Good in %	Satisfactory in %	Poor in %
Sr. No	Subject Code	Subject Name					
1	150501	Discrete Structures	34.8	31.2	33	0.08	0
2	15502	Software Engineering	43.8	31.4	22.85	1.9	0
3	150503	Theory of Computation	47.14	30	22.8	0	0
4	150504	Microprocessor & Interfacing	34.12	34.38	26.4	5.08	0
5	100005	EEEM	25	28.57	35.71	10.71	0



Parameter(Average Grading)		1 .The course is well designed	2. The syllabus units are balanced	3. The learning material was available to you	4. The content was clear and easy to understand	5.The course was relevant and updated for present needs	6.The course meets your career expectations	7. The course will be useful to meet your higher studies/future aspirations.
Subject Code	Subject Name							
150501	Discrete Structures	3.93	4	3.93	4.06	4.06	3.93	4.06
15502	Software Engineering	4.22	4.22	4	4.22	4.22	4.22	4.22
150503	Theory of Computation	4.2	4.3	4.3	4.3	4.2	4.2	4.2
150504	Microprocessor & Interfacing	3.99	4.03	4.02	3.9	3.95	3.92	4
100005	EEEM	3.75	3.75	4	3.75	3.5	3.5	3.5



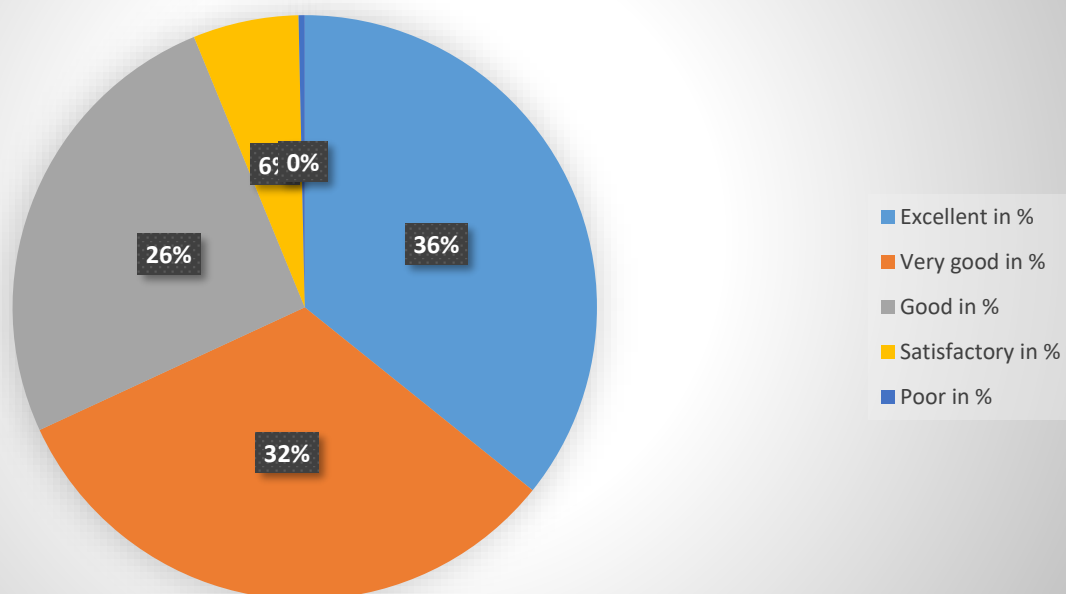
Students Comments:

Course Code and Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
150504 Microprocessor & Interfacing	8086	RISC V	RISC cause IT IS RELAVANT TO TODAY
100005 EEEM	None	None	None

Summary Sheet -UG final Year (VII Sem)-Sample Size 33

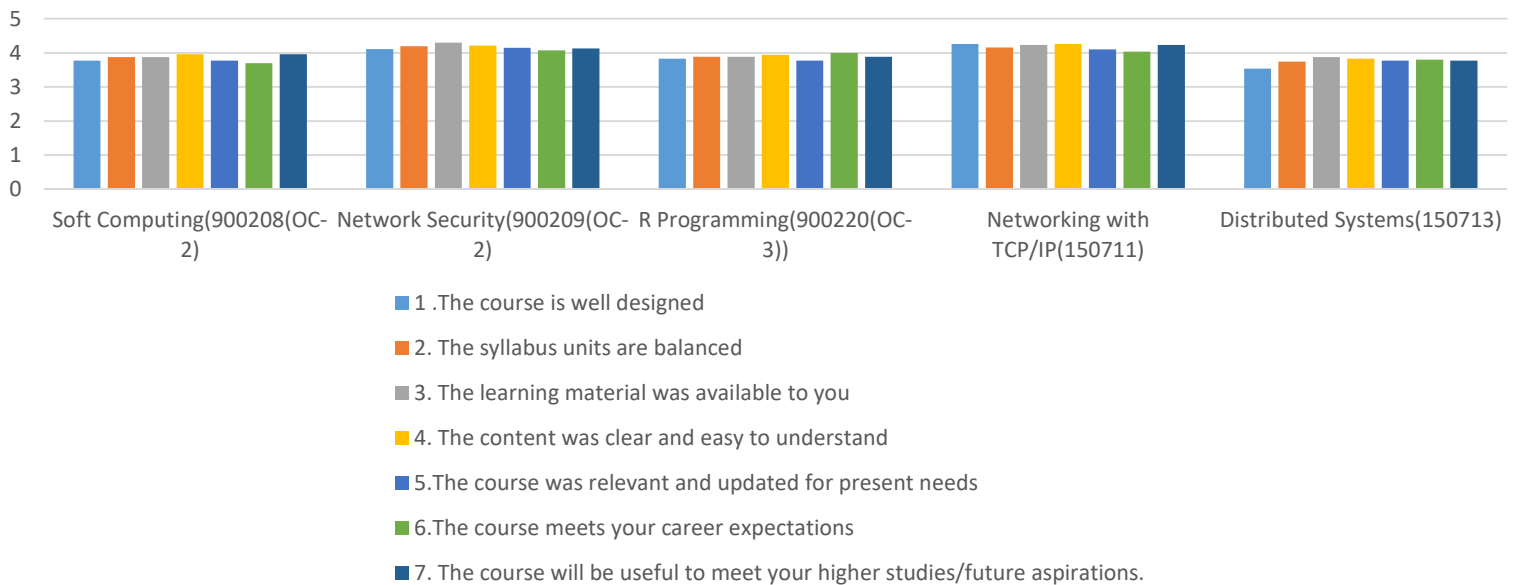
Parameter(Average Grading)			Excellent in %	Very good in %	Good in %	Satisfactory in %	Poor in %
Sr. No	Subject Code	Subject Name					
1	900208(OC-2)	Soft Computing	34.1	29.03	25.34	10.59	0.92
2	900209(OC-2)	Network Security	40.6	37	21.1	0.8	0
3	900220(OC-3)	R Programming	37.3	25.39	26.98	9.52	0.79
4	150711	Networking with TCP/IP	37.14	44.28	18.57	0	0
5	150713	Distributed Systems	29.49	25.8	36.4	8.29	0

Sample Size 33 UG-Final Year



Parameter(Average Grading)		1 .The course is well designed	2. The syllabus units are balanced	3. The learning material was available to you	4. The content was clear and easy to understand	5.The course was relevant and updated for present needs	6.The course meets your career expectations	7. The course will be useful to meet your higher studies/future aspirations.
Subject Code	Subject Name							
900208(OC-2)	Soft Computing	3.77	3.87	3.87	3.96	3.77	3.7	3.96
900209(OC-2)	Network Security	4.11	4.19	4.3	4.21	4.15	4.07	4.13
900220(OC-3)	R Programming	3.83	3.88	3.88	3.94	3.77	4	3.88
150711	Networking with TCP/IP	4.26	4.16	4.23	4.26	4.1	4.03	4.23
150713	Distributed Systems	3.54	3.74	3.87	3.83	3.77	3.8	3.77

Sample Size 33 UG-Final Year



Course Code and Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
150711 Networking with TCP/IP	no	None	Devops
900208(OC-2) Soft Computing	civil	no one	dont know
900208(OC-2) Soft Computing	all are necessary so i dont think that any subject to be removed from the curriculam	more lectures to comp programming	

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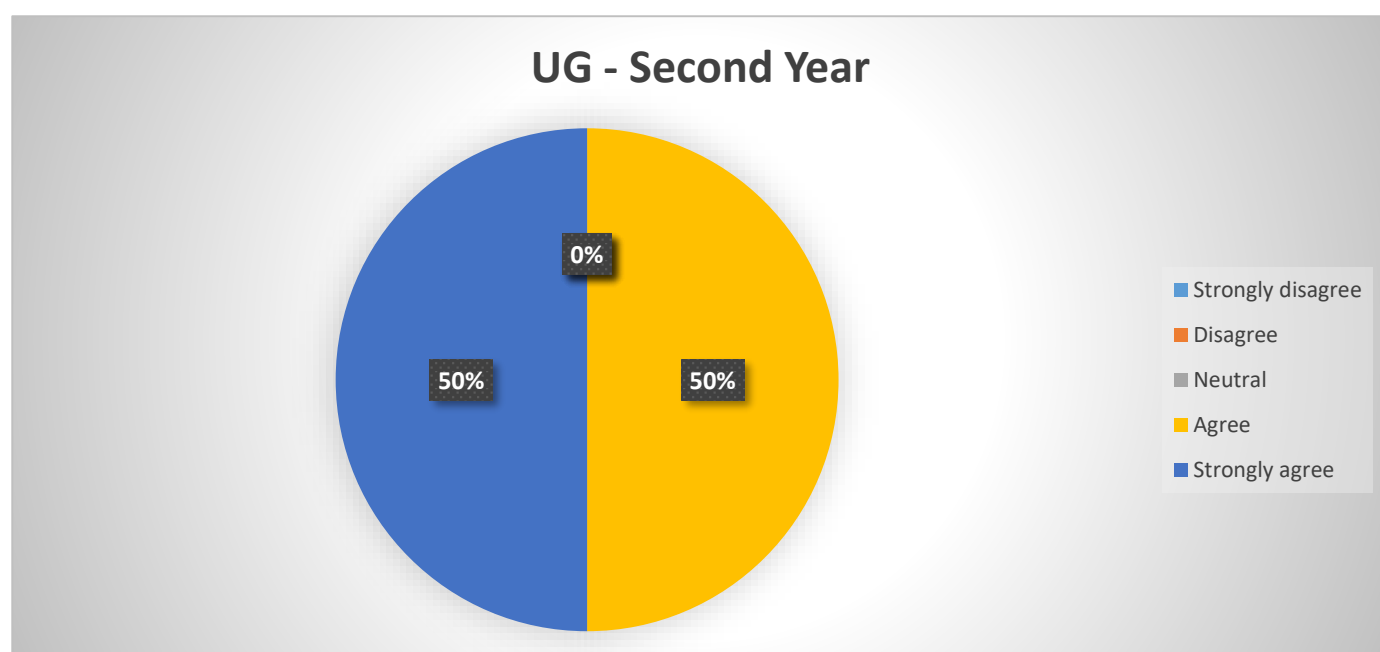
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Department of Computer Science and Engineering

Faculty Course Curriculum Feedback Analysis (July – Dec 2021)

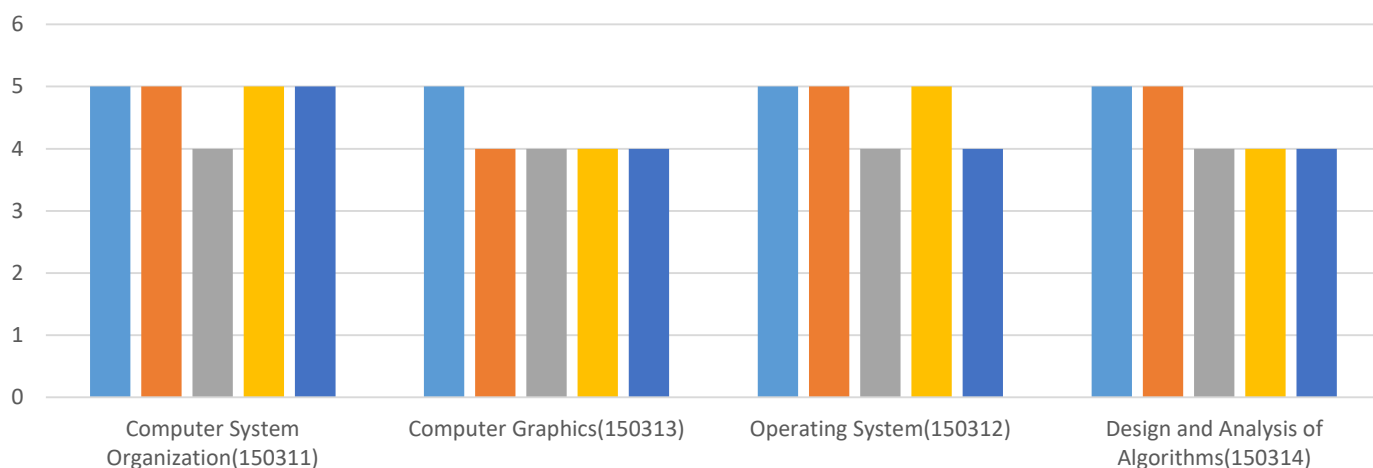
Summary Sheet -UG Second Year (III Sem)

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	0	0	100
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?	0	0	0	25	75
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	100	0
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]	0	0	0	50	50
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	75	25



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.
Subject Code	Subject Name					
150311	Computer System Organization	5	5	4	5	5
150313	Computer Graphics	5	4	4	4	4
150312	Operating System	5	5	4	5	4
150314	Design and Analysis of Algorithms	5	5	4	4	4

Faculty Course Curriculum Feedback(July-Dec2021)-UG Second Year

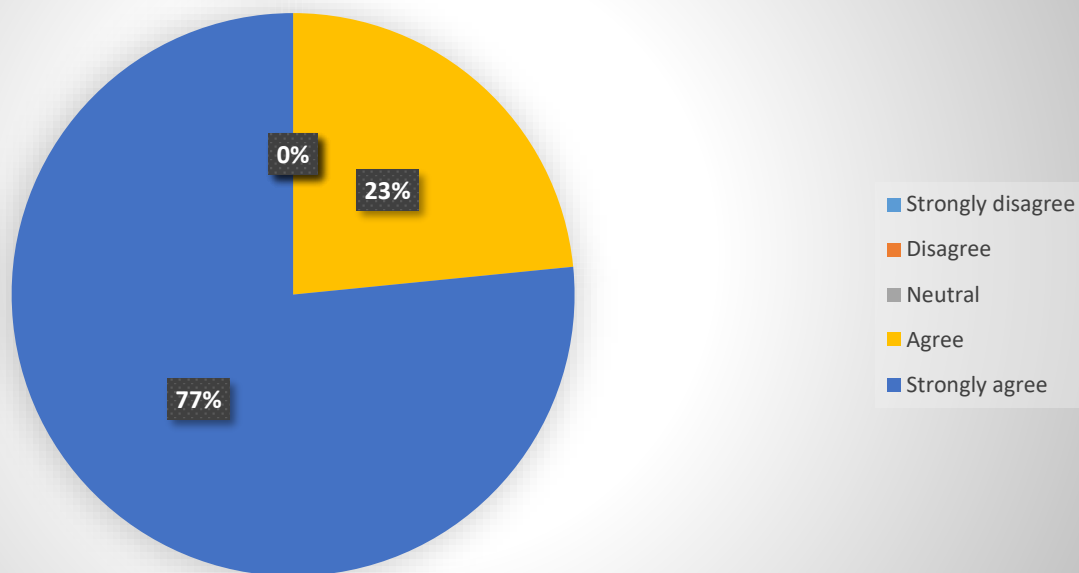


- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are 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)

Summary Sheet-UG Third Year (V Sem)

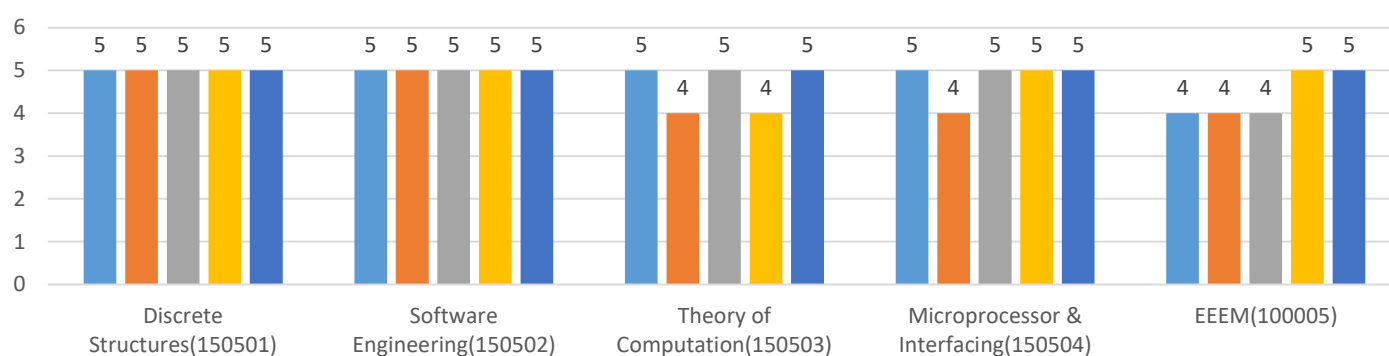
Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	0	17	83
2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	0	0	0	66	33
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	17	83
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]	0	0	0	17	83
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	0	100

UG-Third Year



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.
Subject Code	Subject Name					
150311	Computer System Organization	5	5	5	5	5
150313	Computer Graphics	5	5	5	5	5
150312	Operating System	5	4	5	4	5
150314	Design and Analysis of Algorithms	5	4	5	5	5

Faculty Course Curriculum Feedback(July-Dec2021)-UG Third Year



■ 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?

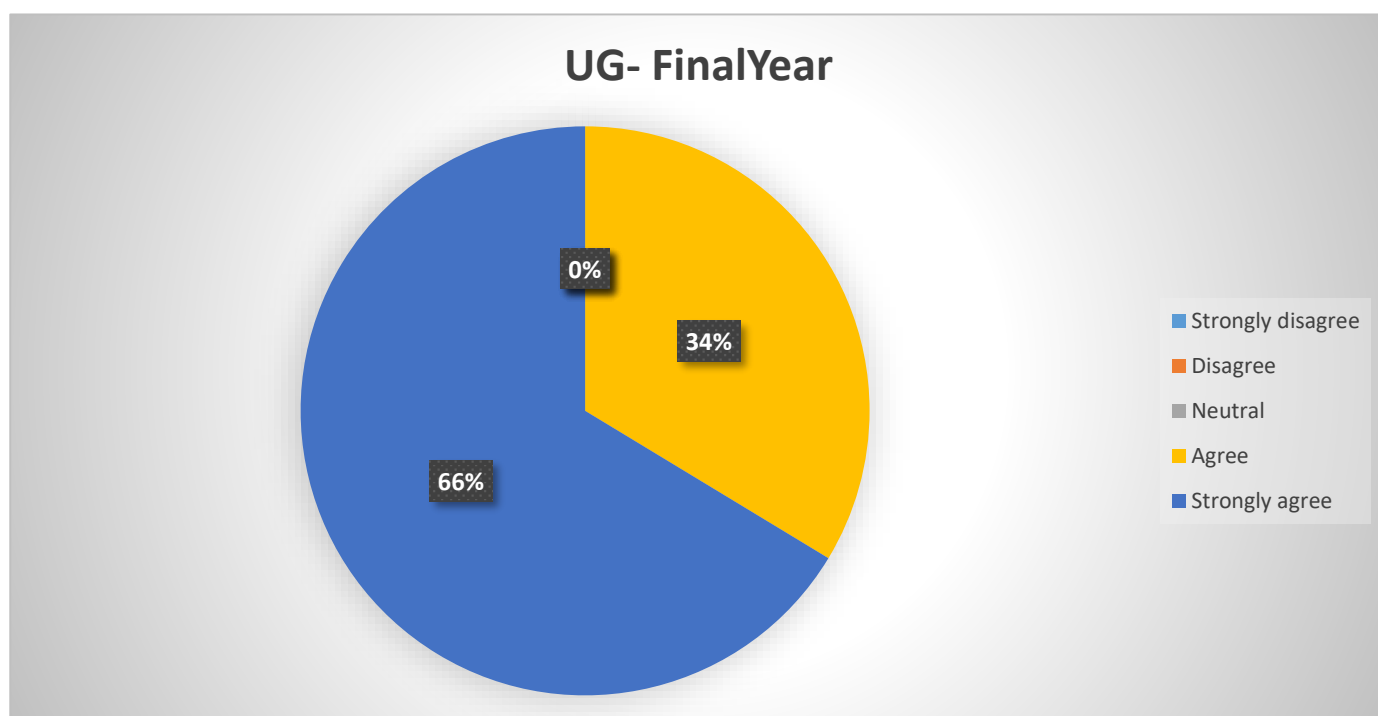
■ 3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)

■ 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)

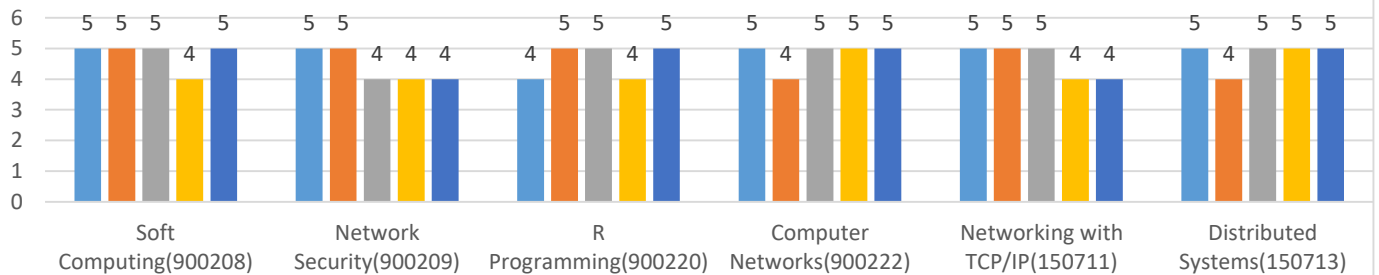
Summary Sheet-UG Final Year(VII Sem)

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	0	17	83
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?	0	0	0	34	66
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	17	83
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]	0	0	0	66	33
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	34	66



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.
Subject Code	Subject Name					
150311	Computer System Organization	5	5	5	4	5
150313	Computer Graphics	5	5	4	4	4
150312	Operating System	4	5	5	4	5
150314	Design and Analysis of Algorithms	5	4	5	5	5

Faculty Course Curriculum Feedback(July-Dec2021)-UG Final Year



- 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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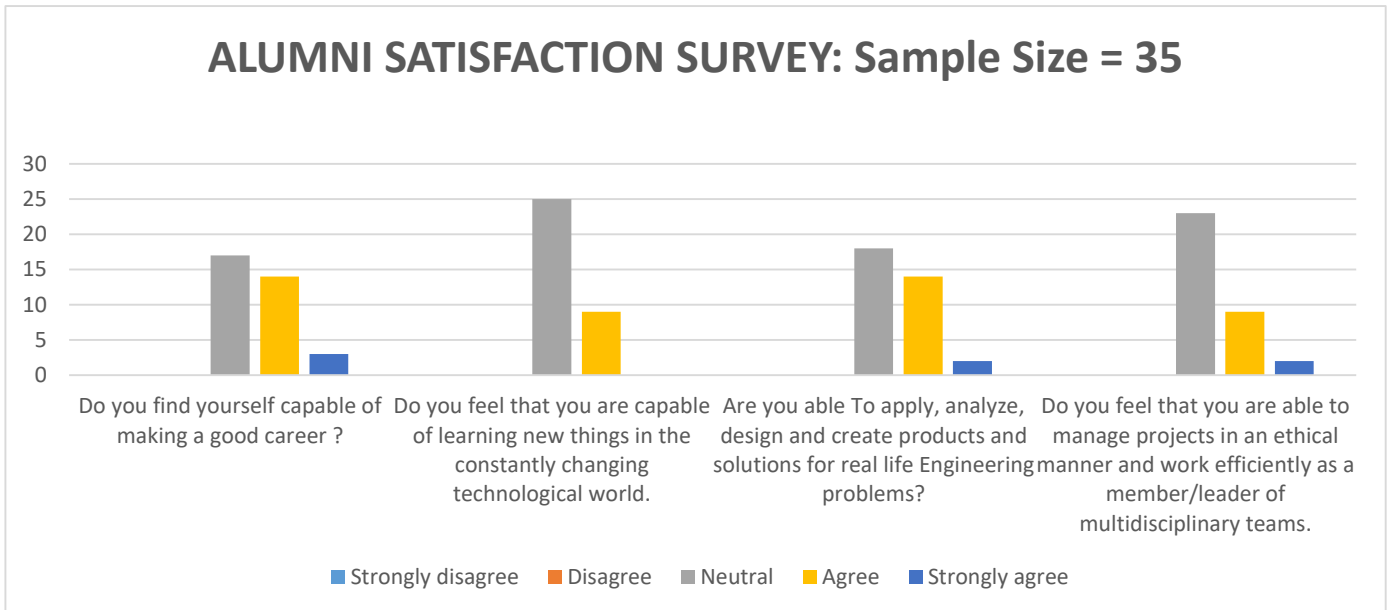
Department of Computer Science and Engineering

Summary Sheet (Alumni Satisfaction Survey) Sample Size:35

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Do you find yourself capable of making a good career ?	0	0	17	14	3
Do you feel that you are capable of learning new things in the constantly changing technological world.	0	0	25	9	0
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems?	0	0	18	14	2
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	0	0	23	9	2

Alumni Satisfaction Index has been calculated on 5 Point Scale

(5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly Disagree)



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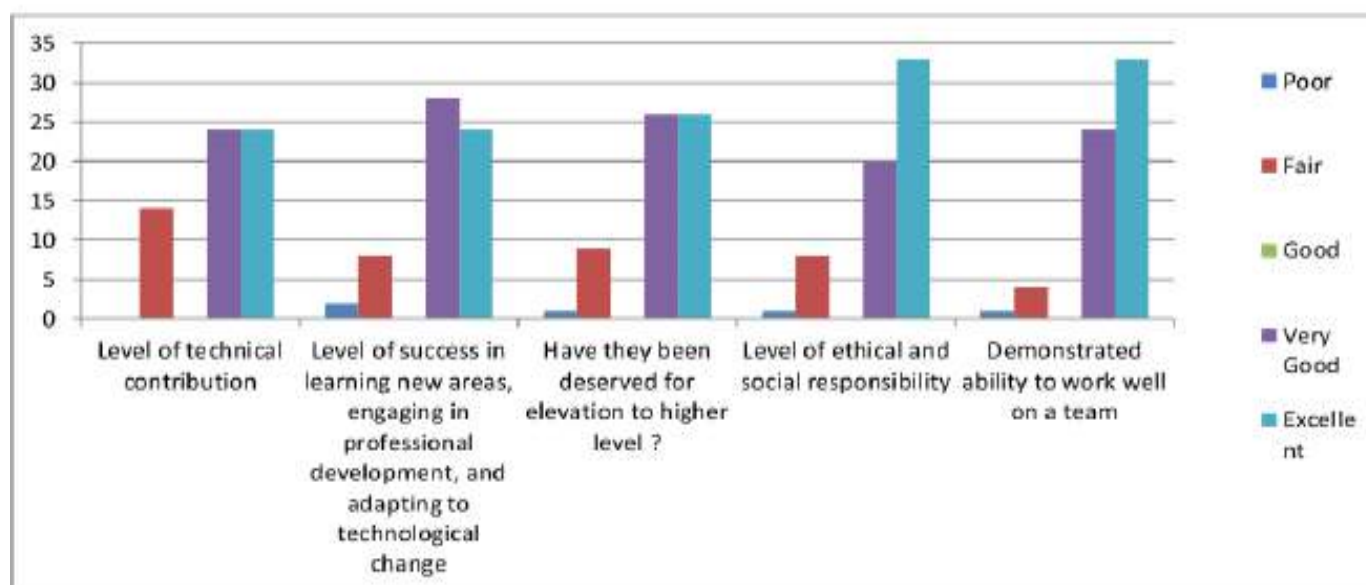
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Department of Computer Science and Engineering

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)						

EMPLOYER SATISFACTION SURVEY : Sample Size : 62



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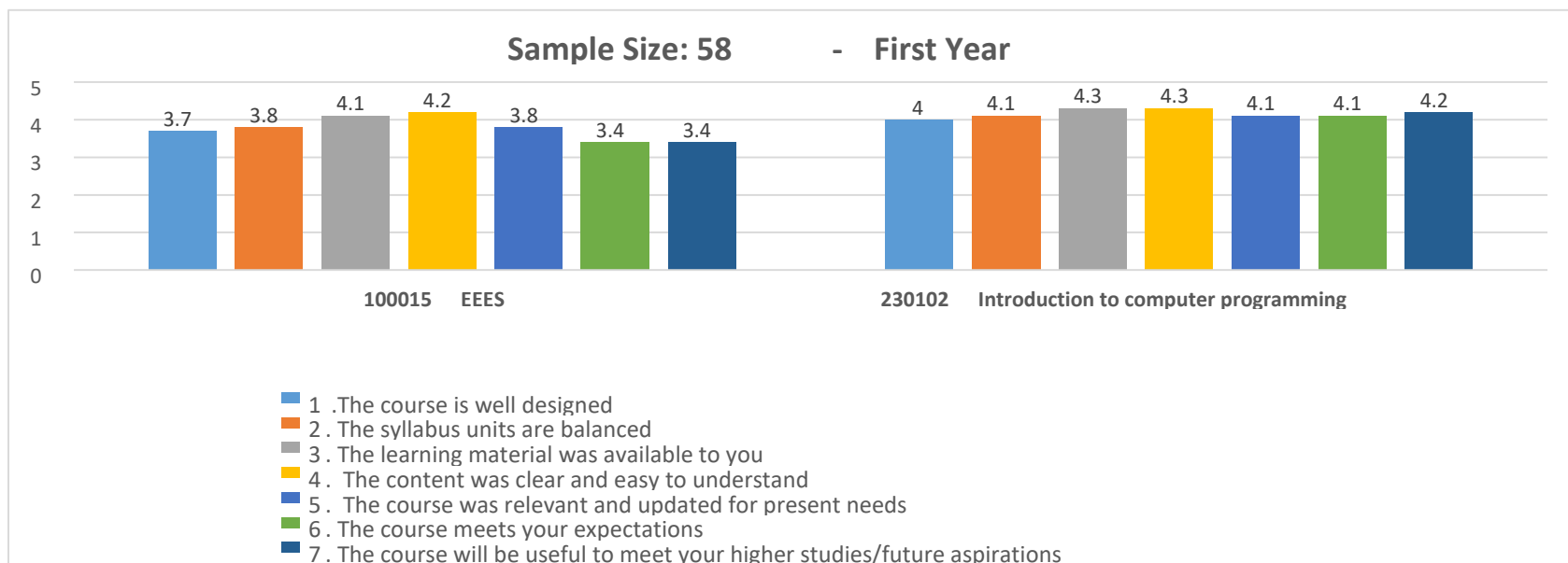
Course Curriculum Feedback Analysis (Jan – June 2021)

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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Course Curriculum Feedback Analysis (Jan – June 2021)



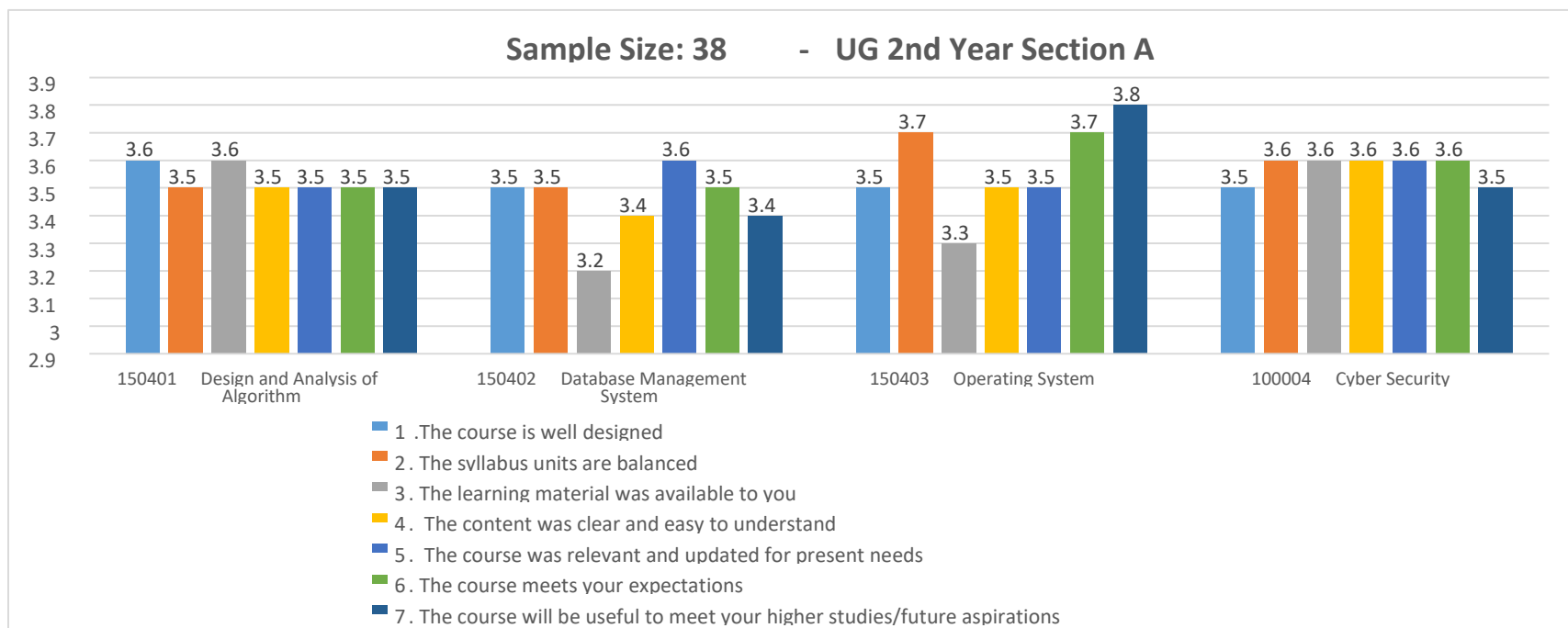
Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
230102 Intro. To computer programming	c language is outdated these days	Pointers arithmetic and more on pointers	Python should be included

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Course Curriculum Feedback Analysis (Jan – June 2021)



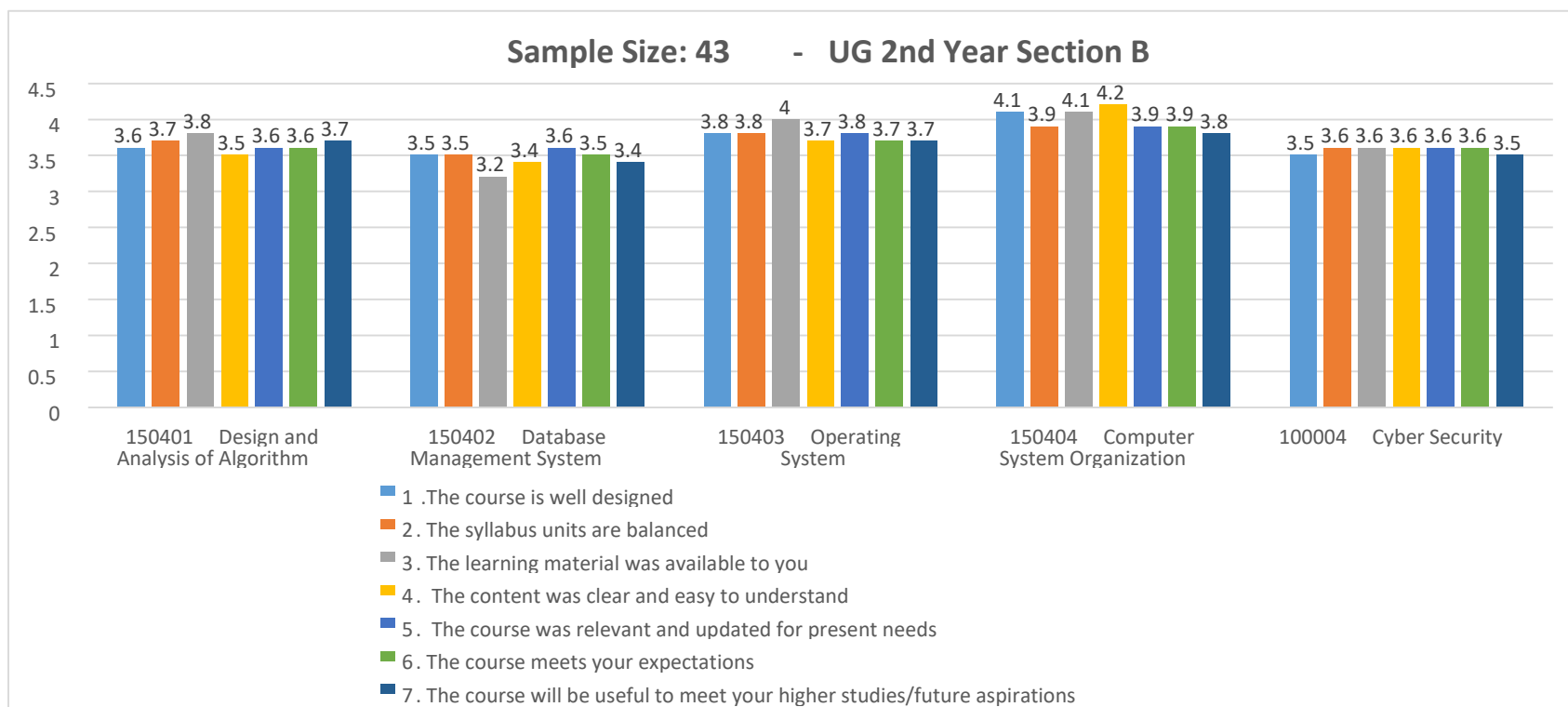
Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
-	NIL	NIL	NIL

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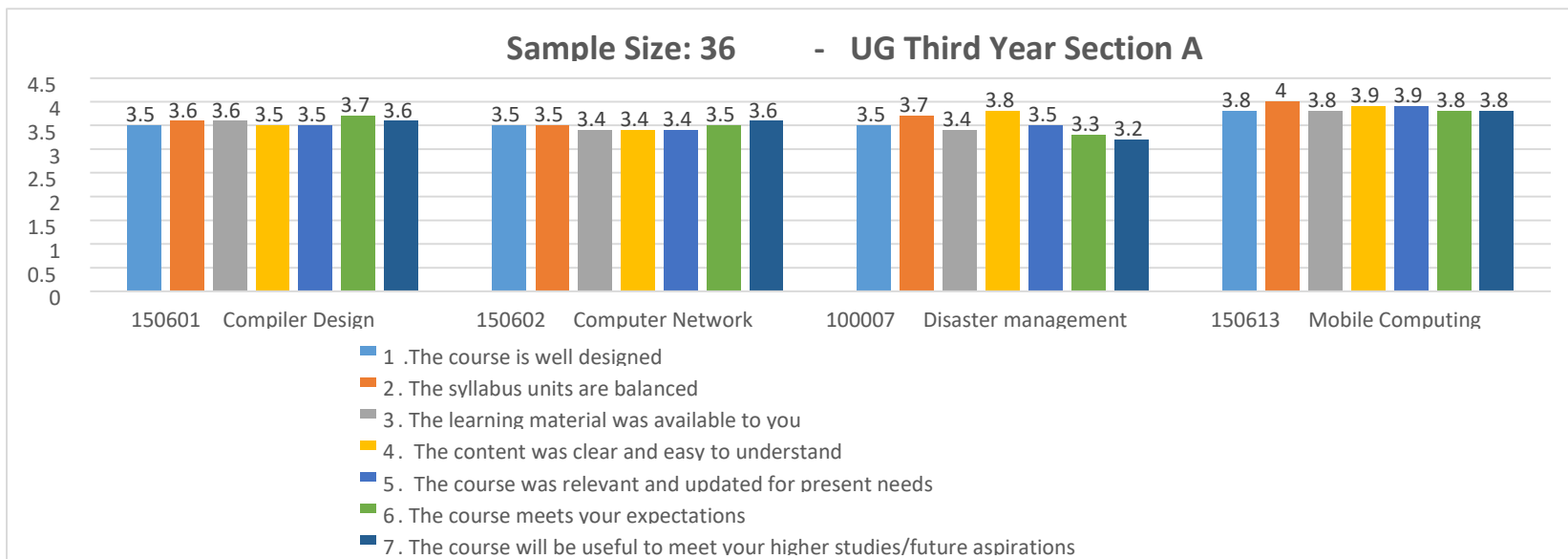
Course Curriculum Feedback Analysis (Jan – June 2021)



Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
-	NIL	NIL	NIL

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Course Curriculum Feedback Analysis (Jan – June 2021)

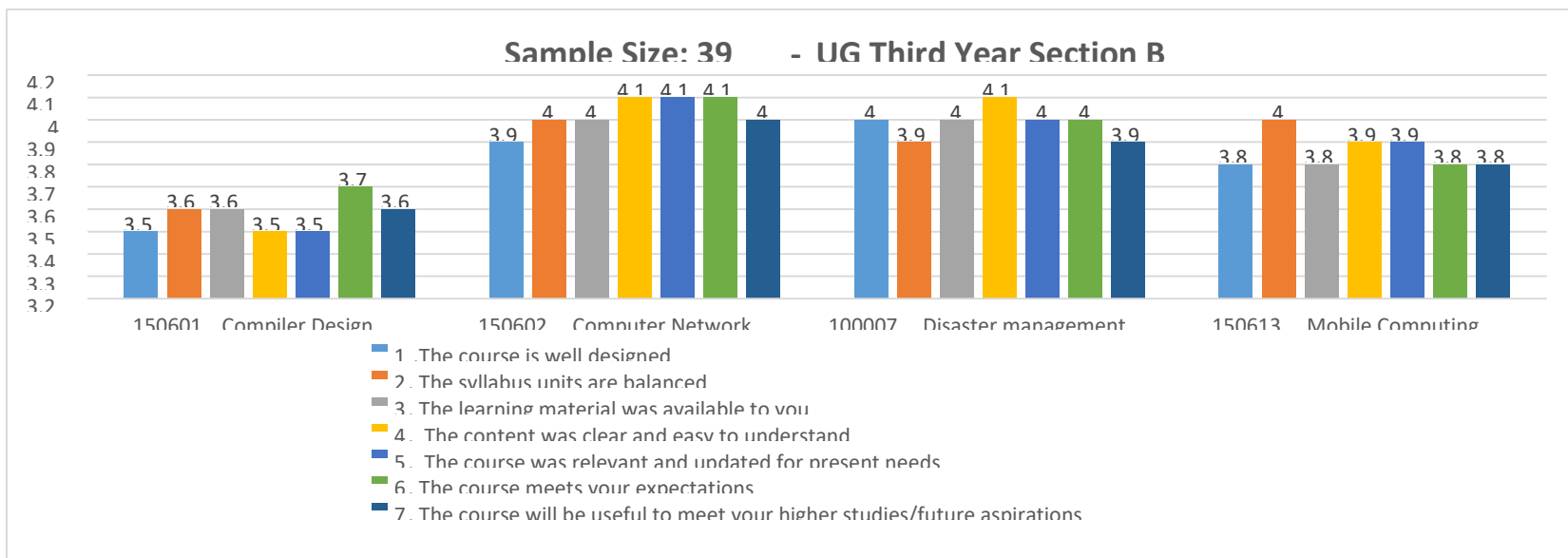


Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
150601 Compiler Design	NIL	NIL	Programming languages like Python & data science.

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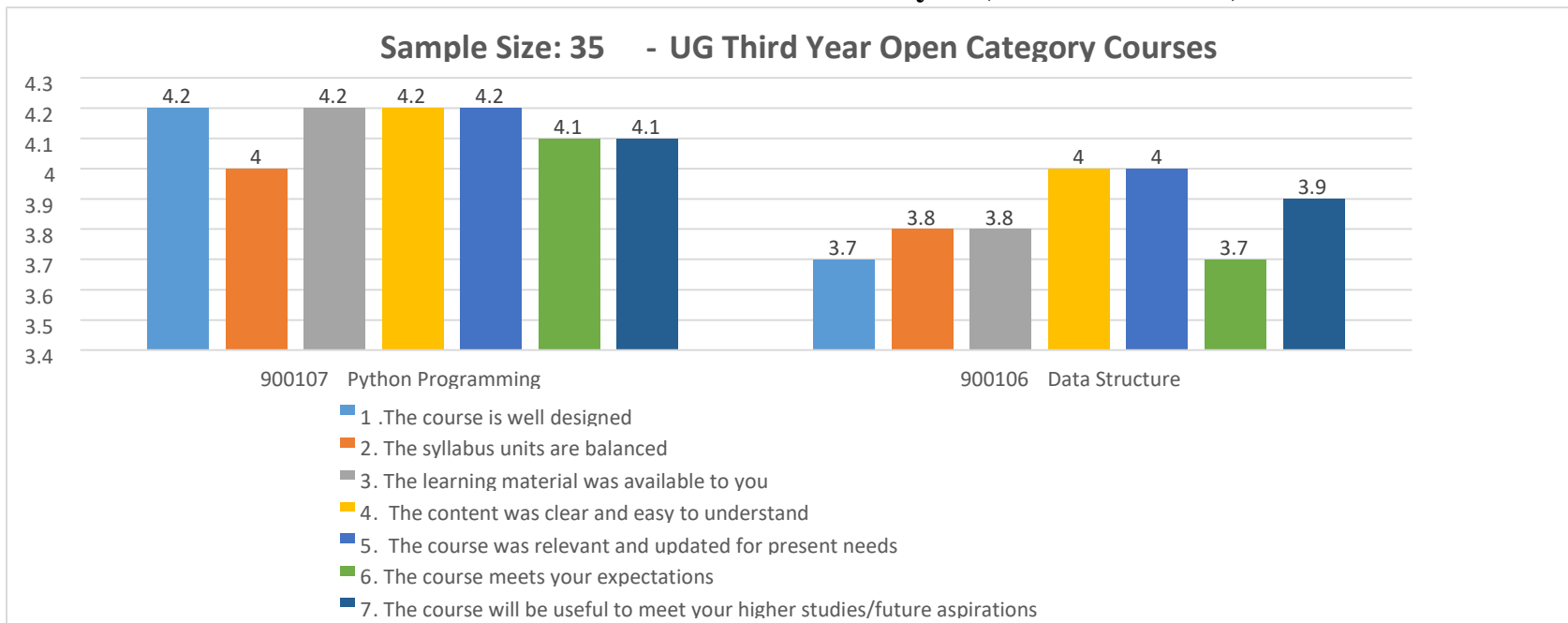
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Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
150602 Computer Networks	Topologies	Layers	NIL
150601 Compiler Design	NIL	NIL	Programming languages like Python & data science.

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Course Curriculum Feedback Analysis (Jan – June 2021)



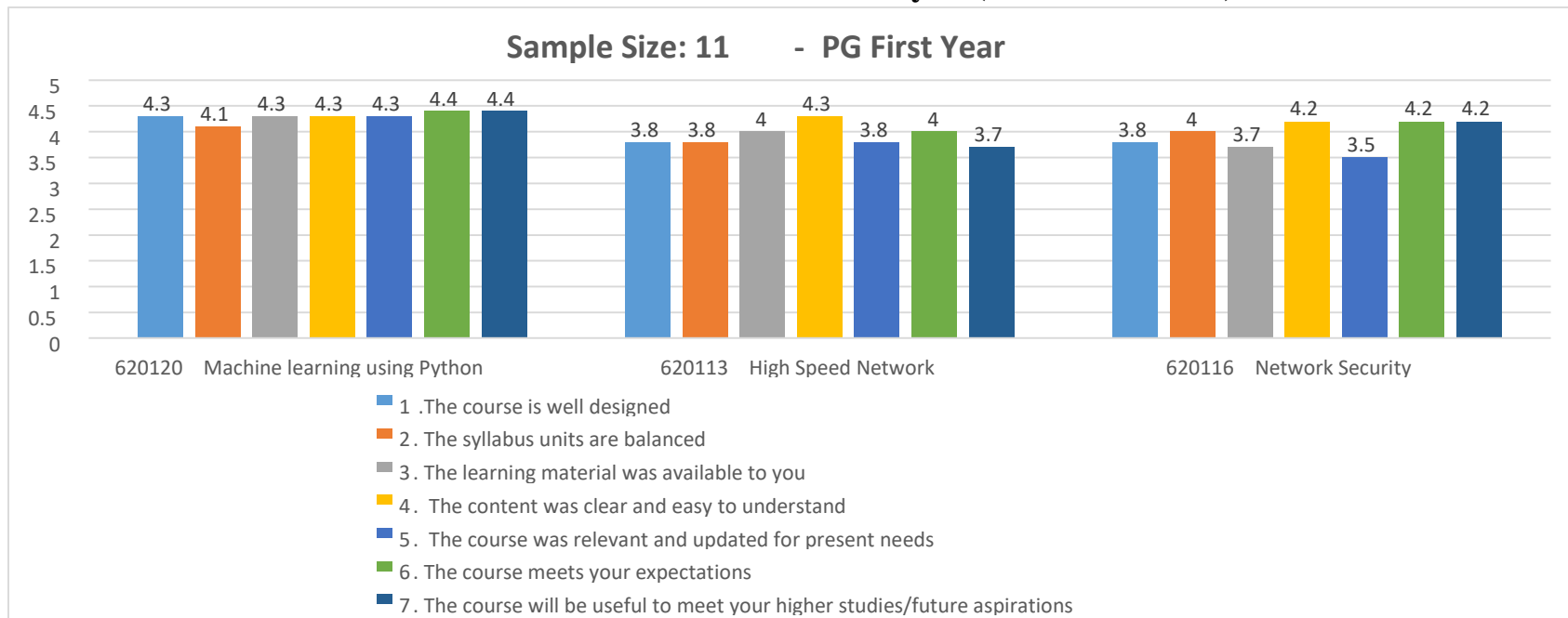
Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
-	NIL	NIL	NIL

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Course Curriculum Feedback Analysis (Jan – June 2021)



Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
Network Security, 900106	NIL	AI	NIL

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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)

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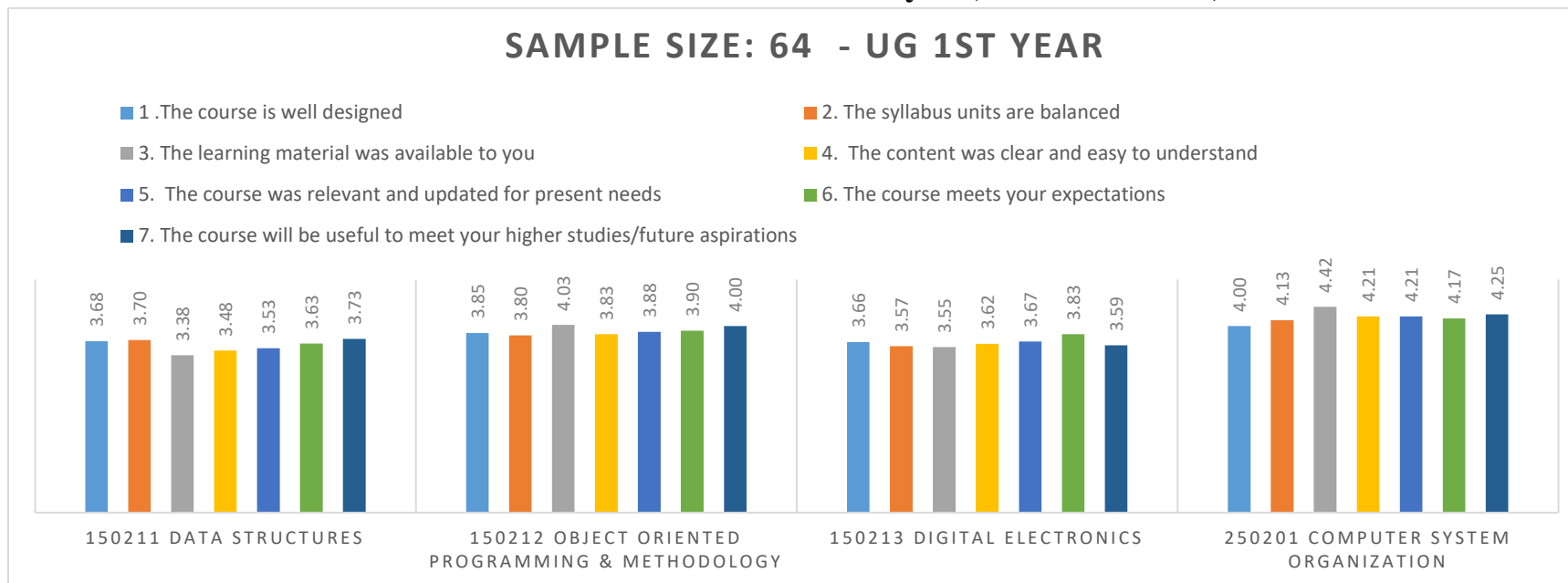
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DEPARTMENT OF CSE**Course Curriculum Feedback Analysis (Jan – June 2021)**

Parameter(Average Grading)				1.The course is well designed	2. The syllabus units are balanced	3. The learning material was available to you	4. The content was clear and easy to understand	5. The course was relevant and updated for present needs	6. The course meets your expectations	7. The course will be useful to meet your higher studies/future aspirations
Subject Code	Subject Name	Semester	Faculty Name							
150211	Data Structures	2	Prof. Sheo Kumar	3.68	3.70	3.38	3.48	3.53	3.63	3.73
150212	Object Oriented Programming & Methodology	2	Prof. Mohit Jain	3.85	3.80	4.03	3.83	3.88	3.90	4.00
150213	Digital Electronics	2	Prof. Julie Kumari	3.66	3.57	3.55	3.62	3.67	3.83	3.59
250201	Computer System Organization	2	Prof. Anjula Mehto	4.00	4.13	4.42	4.21	4.21	4.17	4.25
620211	Algorithm Design Techniques & Analysis	2	Prof. Aishwarya	4.3	4.3	4.4	4.6	4.3	4.2	4.6
620212	Advancde Topics in Data Mining & Warehousing	2	Prof. Sneha Garg	4.3	4.3	4.4	4.2	4.2	4.3	4.3
620213	Image Processing & Retrivel Technique	2	Prof. Ram Parvesh Das	4.18	4.09	4.27	4.00	3.91	4.00	4.18
620215	Deep Learning	2	Prof. Lav Upadhyay	4.36	4.36	4.36	4.36	4.27	4.27	4.36

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Course Curriculum Feedback Analysis (Jan – June 2021)



Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
150211 Data structures	NA	Trees concept	NA
150213 Digital electronics	Unit-4	NA	NA

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Course Curriculum Feedback Analysis (Jan – June 2021)

Subject Code	Subject Name	Semester	Faculty Name	Excellent in %	Very good in %	Good in %	Satisfactory in %	Poor in %
150211	Data Structures	2	Prof. Sheo Kumar	18.22	32.86	38.22	10.71	0
150212	Object Oriented Programming & Methodology	2	Prof. Mohit Jain	24.64	44.64	26.43	4.29	0
150213	Digital Electronics	2	Prof. Julie Kumari	16.26	37.93	39.41	6.40	0
250201	Computer System Organization	2	Prof. Anjula Mehto	45.83	30.36	21.43	2.38	0

UG 2nd Sem, Sample Size: 64



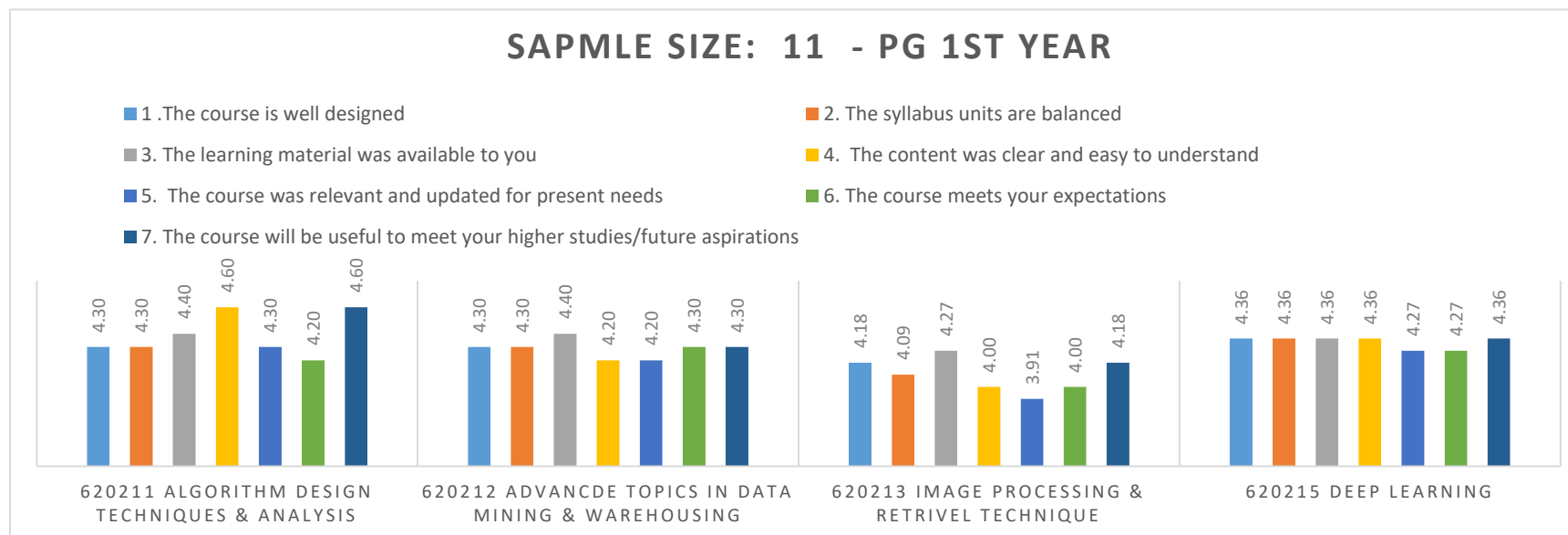
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On an average 26% students are Excellent, 37% are very good, 31% are good, 6% are satisfactory and 0% are poor with the current syllabus of the various programmes designed by the Department of Computer science & engineering, MITS Gwalior.

Course Curriculum Feedback Analysis (Jan – June 2021)



Course Code & Name	Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
-	NA	NA	NA

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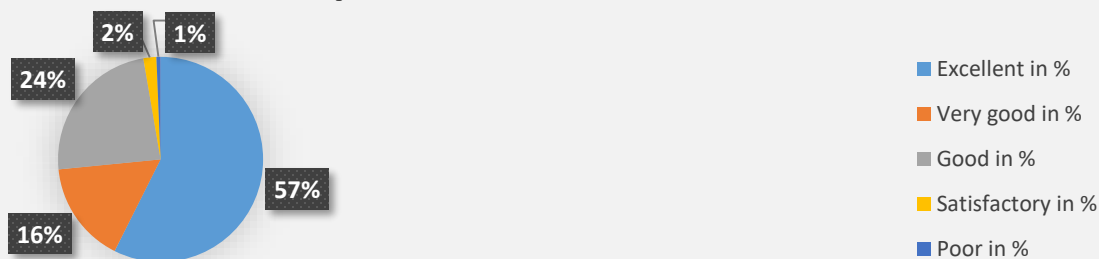
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DEPARTMENT OF CSE

Course Curriculum Feedback Analysis (Jan – June 2021)

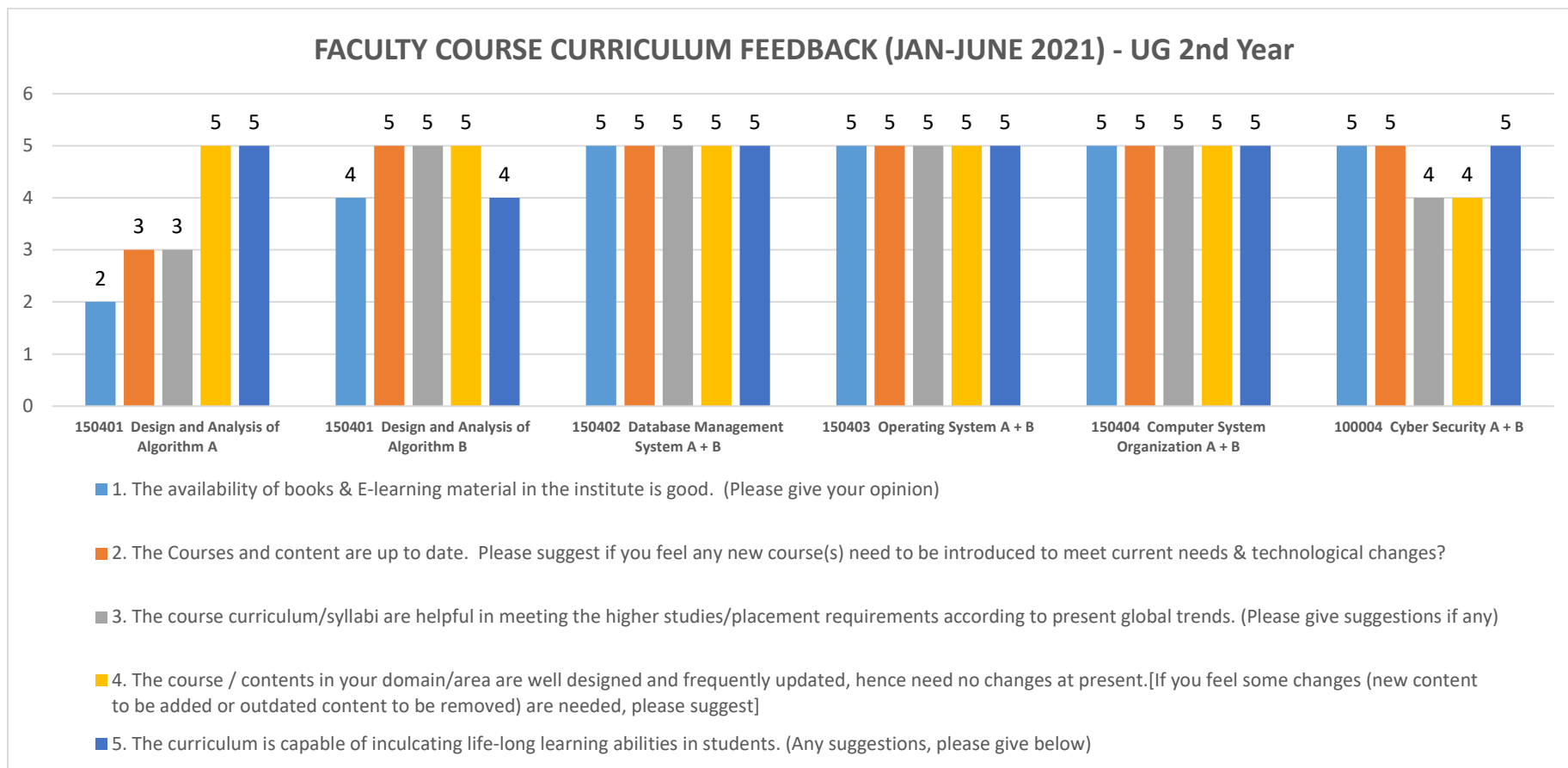
Subject Code	Subject Name	Semester	Faculty Name	Excellent in %	Very good in %	Good in %	Satisfactory in %	Poor in %
620211	Algorithm Design Techniques & Analysis	2	Prof. Aishwarya	62.86	12.86	24.29	0	0
620212	Advanced Topics in Data Mining & Warehousing	2	Prof. Sneha Garg	62.86	7.14	25.71	4.29	0
620213	Image Processing & Retrivel Technique	2	Prof. Ram Parvesh Das	46.75	24.68	22.08	3.90	2.60
620215	Deep Learning	2	Prof. Lav Upadhyay	57.14	19.48	23.38	0	0

PG 2nd Sem, Sample Size: 11



On an average 57% students are Excellent, 16% are very good, 24% are good, 2% are satisfactory and 1% are poor with the current syllabus of the various programmes designed by the Department of Computer science & engineering, MITS Gwalior.

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Course with section	The environment of department/institute is conducive for innovative teaching and research. (Please comment)	The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment)	The institute provides basic infrastructural facilities required for teaching learning. (Please comment)	You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)	In general you are satisfied with your work environment and institute culture..(Please comment)	(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives :
150401 Design and Analysis of Algorithm A	It's good	Yes	Yes	Yes	Yes	-	-	-	-
150402 Database Management System A + B	yes	Yes	Yes	Yes	Yes	IoT	Artificial Intelligence	Computer Network	Language Python
150403 Operating System A	good environment	Yes Helpful	Yes	Yes	Satisfied	-	-	Ethical Hacking	-
150403 Operating System B	Yes	-	Yes	-	-	-	-	-	-

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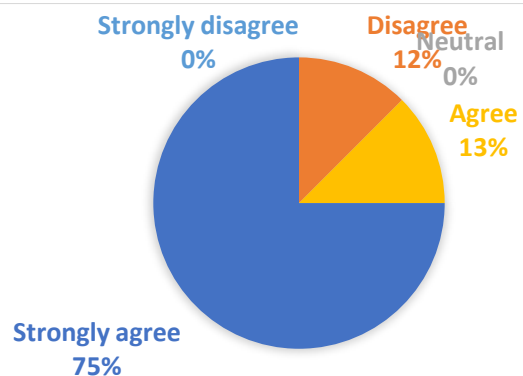
150404 Computer System Organization A	good environment	Yes Helpful	Yes	Yes	Satisfied			Ethical Hacking	
150404 Computer System Organization B	Agree, we are given freedom to explore new mediums to be better faculty	Agree	Agree	Agree	Agree	-	-	-	-

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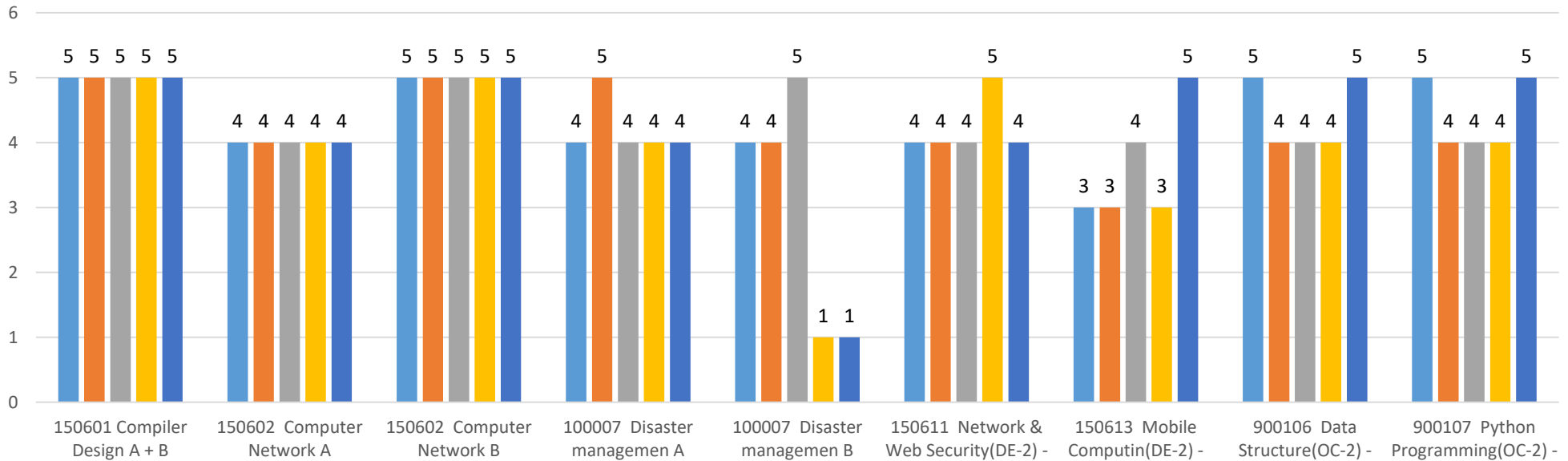
DEPARTMENT OF CSE

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	12.5	0	12.5	75
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?	0	0	12.5	0	87.5
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	12.5	12.5	75
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]	0	0	0	12.5	87.5
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	12.5	87.5



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FACULTY COURSE CURRICULUM FEEDBACK (JAN-JUNE 2021) - UG Third Year



- 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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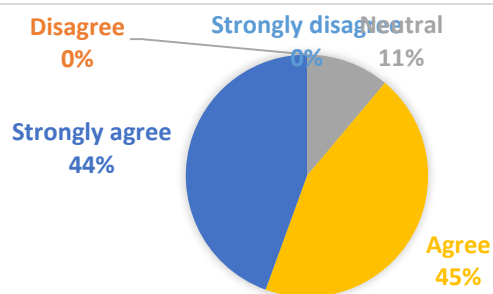
Course with section	The environment of department/institute is conducive for innovative teaching and research. (Please comment)	The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment)	The institute provides basic infrastructural facilities required for teaching learning. (Please comment)	You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)	In general you are satisfied with your work environment and institute culture..(Please comment)	(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
150601 Compiler Design A + B	Good Environment	Yes Helpful	Yes	Yes	Satisfied	-	-	Ethical Hacking	-
150613 Mobile Computin(DE-2)	Yes	Yes	Yes	Yes	Yes	-	-	-	-

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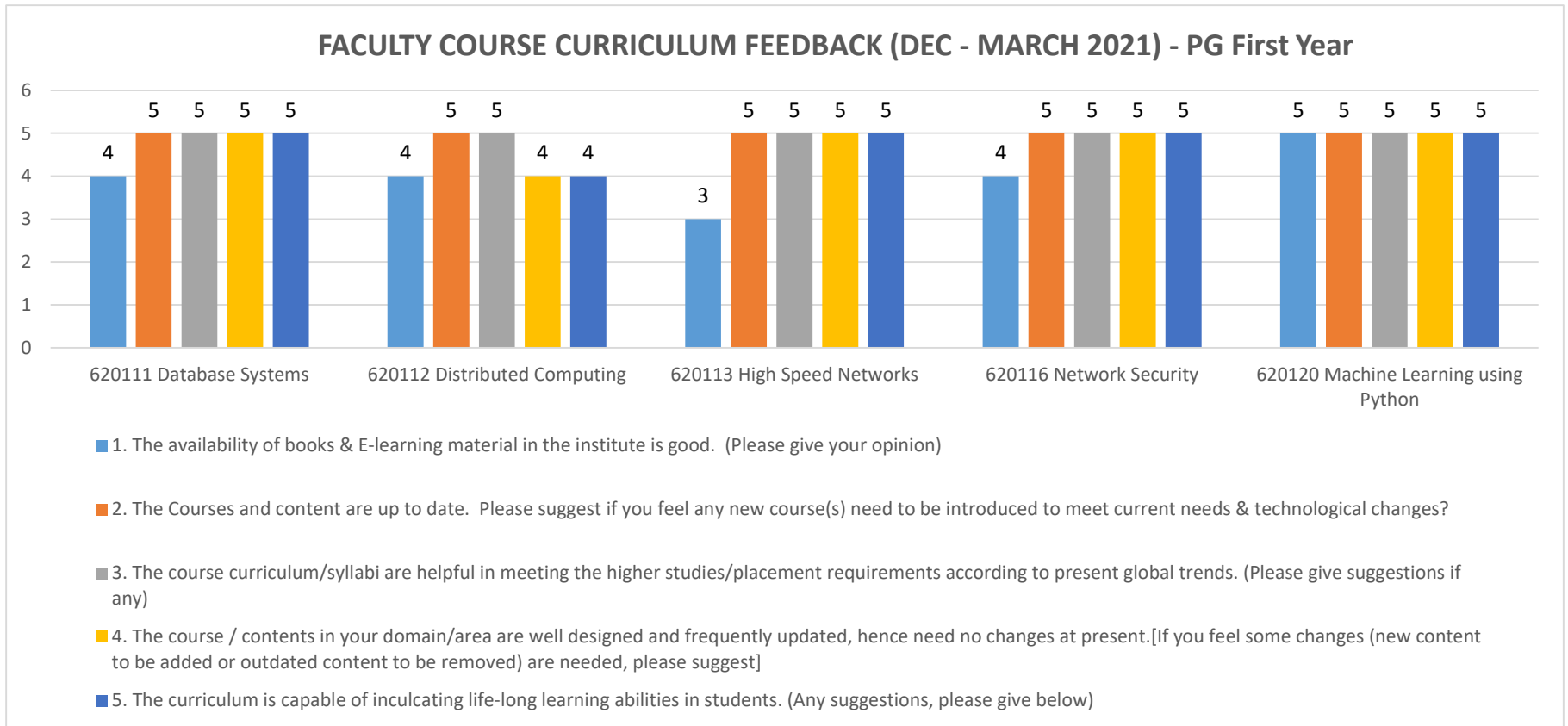
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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	11.111111	44.444444	44.444444
2. The 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?	0	0	12.5	50	37.5
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	62.5	37.5
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]	12.5	0	12.5	37.5	37.5
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	12.5	0	0	37.5	50



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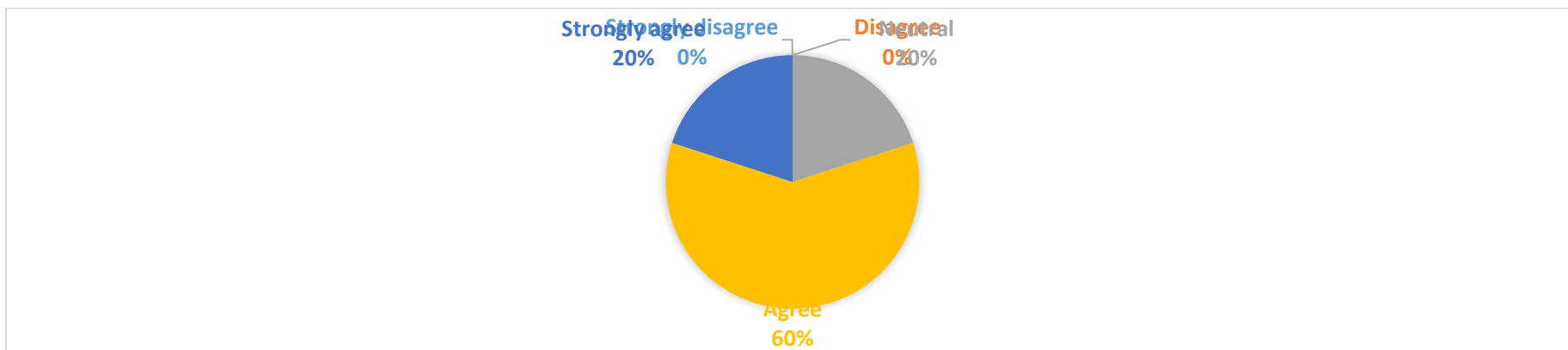


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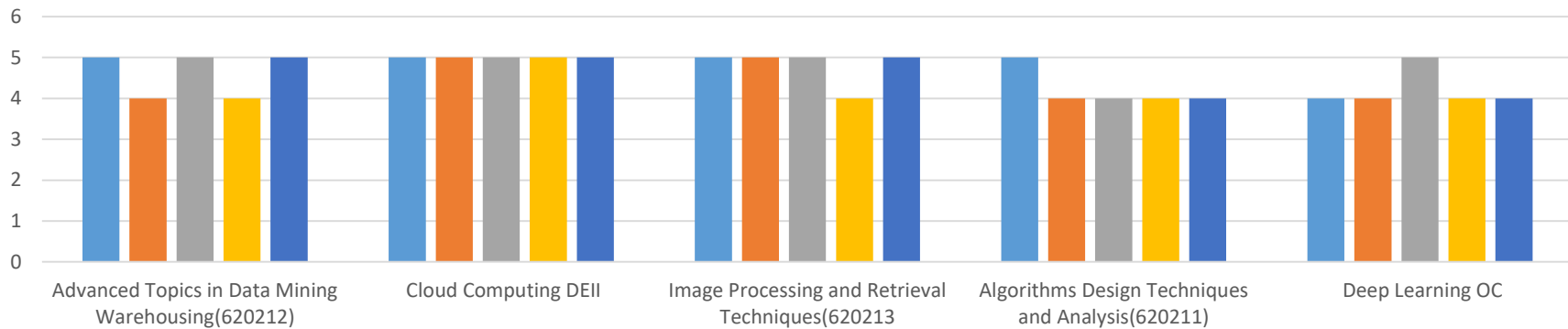
DEPARTMENT OF CSE

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	20	60	20
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?	0	0	0	0	100
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	0	100
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]	0	0	0	20	80
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	20	80



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**FACULTY COURSE CURRICULUM FEEDBACK (MAR-JULY 2021) - PG
 FIRST YEAR**



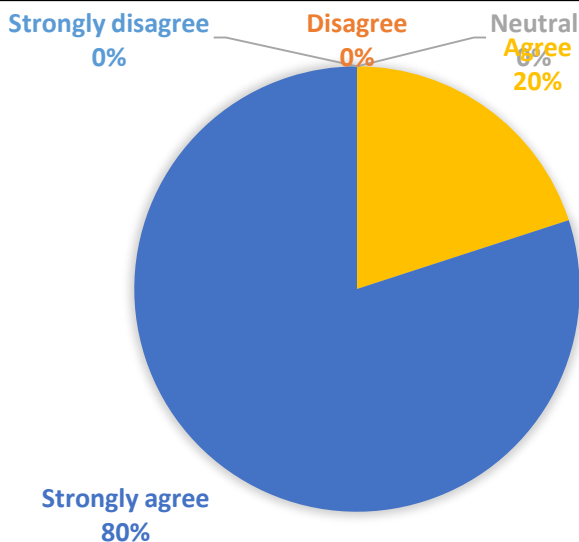
- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are 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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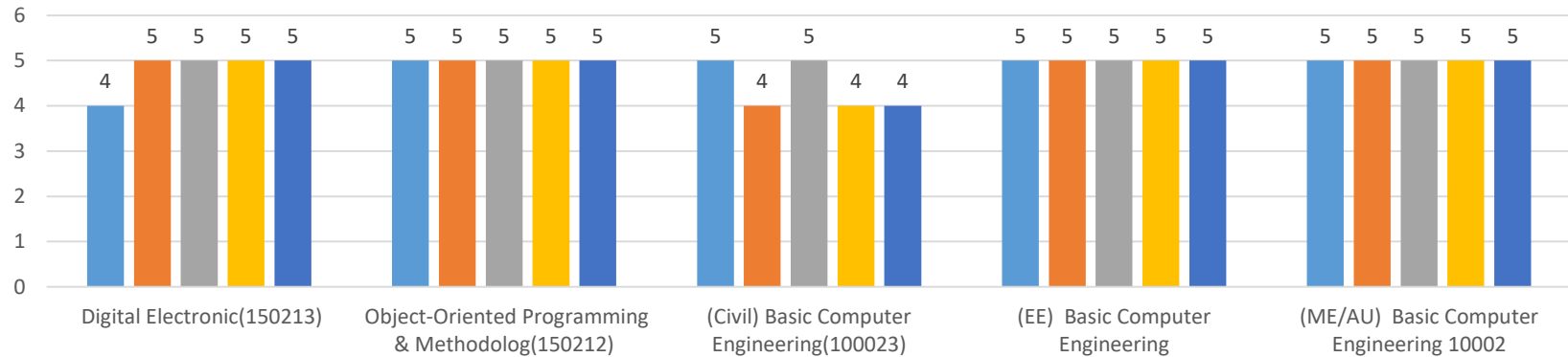
DEPARTMENT OF CSE

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	0	20	80
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?	0	0	0	60	40
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	20	80
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]	0	0	0	80	20
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	40	60



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**FACULTY COURSE CURRICULUM FEEDBACK (MAR-JULY 2021) - UG
 FIRST YEAR**



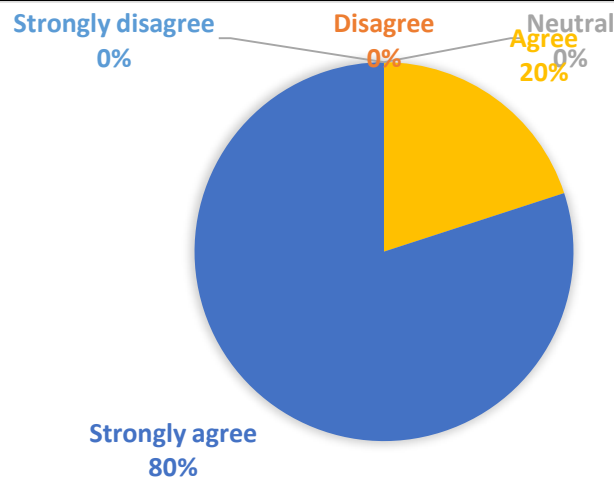
- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are 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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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	0	0	20	80
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?	0	0	0	20	80
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	0	100
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]	0	0	0	20	80
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	20	80



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Parent – Teacher Feedback Summary (Jan. - June 2021)

Feedback Scale: 5 – Strongly agree, 4 – Agree, 3 – Neither agree nor disagree, 2 – Disagree, 1 – Strongly disagree

Parameter (Average Grading)	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	Your ward demonstrates knowledge of the recent trends and developments in the field	the institute provides good support for improving overall personality of your ward.	The teaching, learning and evaluation system in the institute is good	The institute conducts many activities that help your ward in getting job opportunities and campus placement.	The infrastructure, other facilities and ambience of the institute is good.	In general you are happy and satisfied with the institute.
First Year	3.6	3.4	3.8	4	3.6	3.6	3.5	3.4	3.7
Second year	3.4	3.6	3.7	4.2	4.3	4.2	4.4	4.4	4.5
Third Year	4.2	4.4	4	4.2	3.6	4.4	4.2	3.7	3.4
Fourth Year	3.4	3.6	4	3.8	4	3.8	3.4	3.8	3.8
M. Tech CSE	3.4	3.8	4	4	3.6	4.1	3.1	3.7	3.8
MCA I Year	3.9	4	4	3.9	3.9	3.8	3.8	3.8	4.2
MCA II Year	3.7	3.8	3.9	4	3.8	4	3.7	3.8	3.9
Percentage of Satisfaction	73.14	76	78.29	80.29	76.57	79.71	74.57	76	78
Level of Satisfaction	Very Good	Very Good	Very Good	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good

Explanation

<50 %	Below Average
50% to 60%	Average
60% - 70%	Good
70% - 80%	Very Good
Greater than 80%	Excellent

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Other Comments/ Suggestions by Parents:

In my suggestion, The academic calendar is hectic. Many students are dealing with family losses every 2-3 weeks yet they are complied to attend their quizzes and Assignmen
The institute should give some time to the first-year students, a week break or something like that. When every other institute can give a break to their students then certainly,
Thanks.

Course of web development should be present.

Too much time spent on devices, a little change in schedule would be good

Quiz must to be taken on saturday.

If you take quiz on sunday it will destroy students only free day .if in case you take quiz in any other day then a proper alert on whatsapp is must.

The faculty ensure that he/she:

Upload recording, notes , ppt etc daily.

you should reduce the fee. As we are not using any library facility, lab , and many other you should reduce fee of 2nd year .

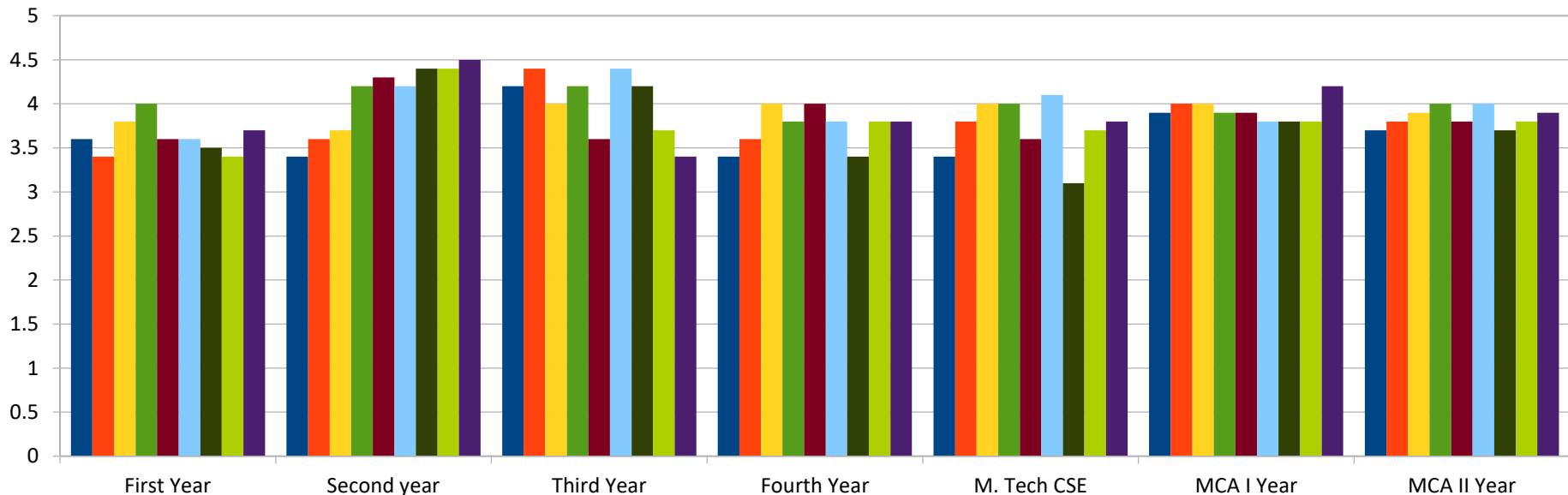
Fast the process of scholarship.

Many a student have submitted their document 3 or 4 months ago but they are still remain for verification at institute level.

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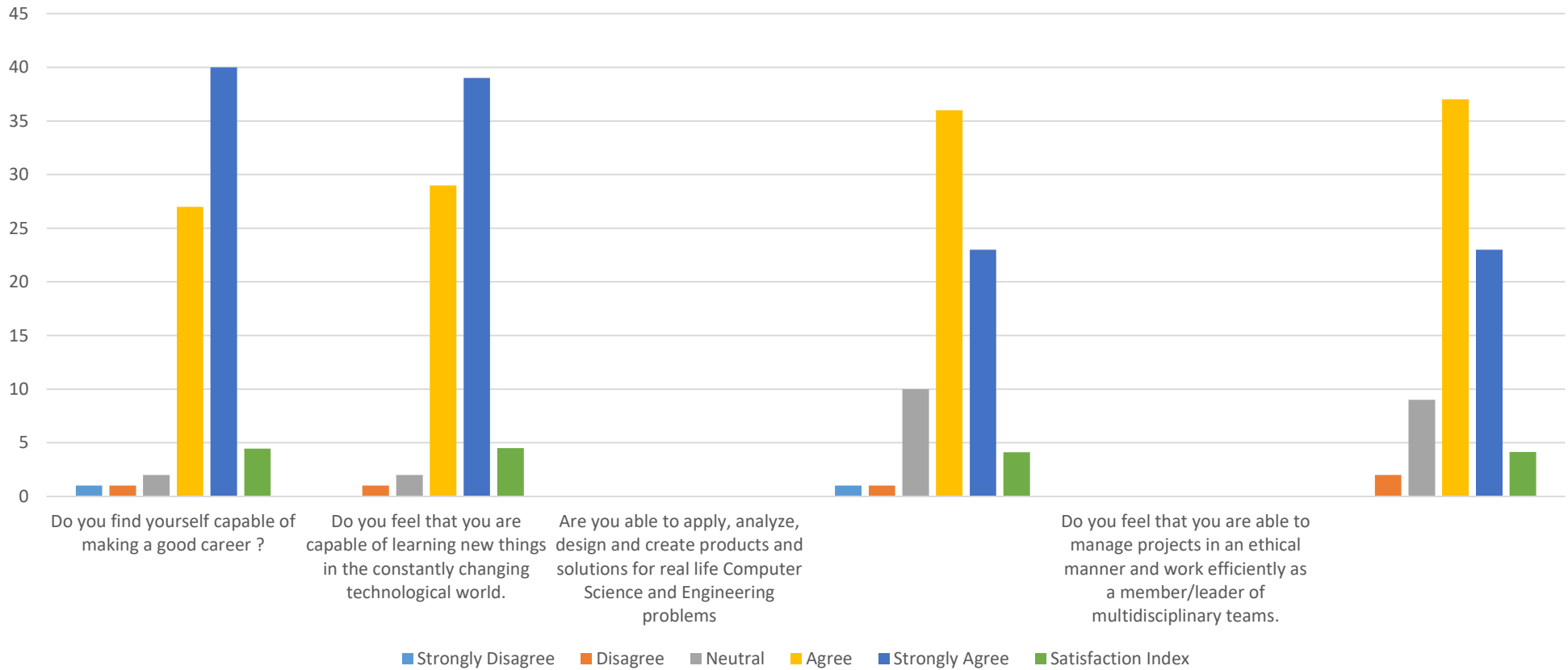
Graphical Representation of Parent – Teacher Feedback (Jan. - June 2021)

- 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
- Your ward demonstrates knowledge of the recent trends and developments in the field
- the institute provides good support for improving overall personality of your ward.
- The teaching, learning and evaluation system in the institute is good
- The institute conducts many activities that help your ward in getting job opportunities and campus placement.
- The infrastructure, other facilities and ambience of the institute is good.
- In general you are happy and satisfied with the institute.



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ALUMNI SATISFACTION SURVEY: Sample Size = 71



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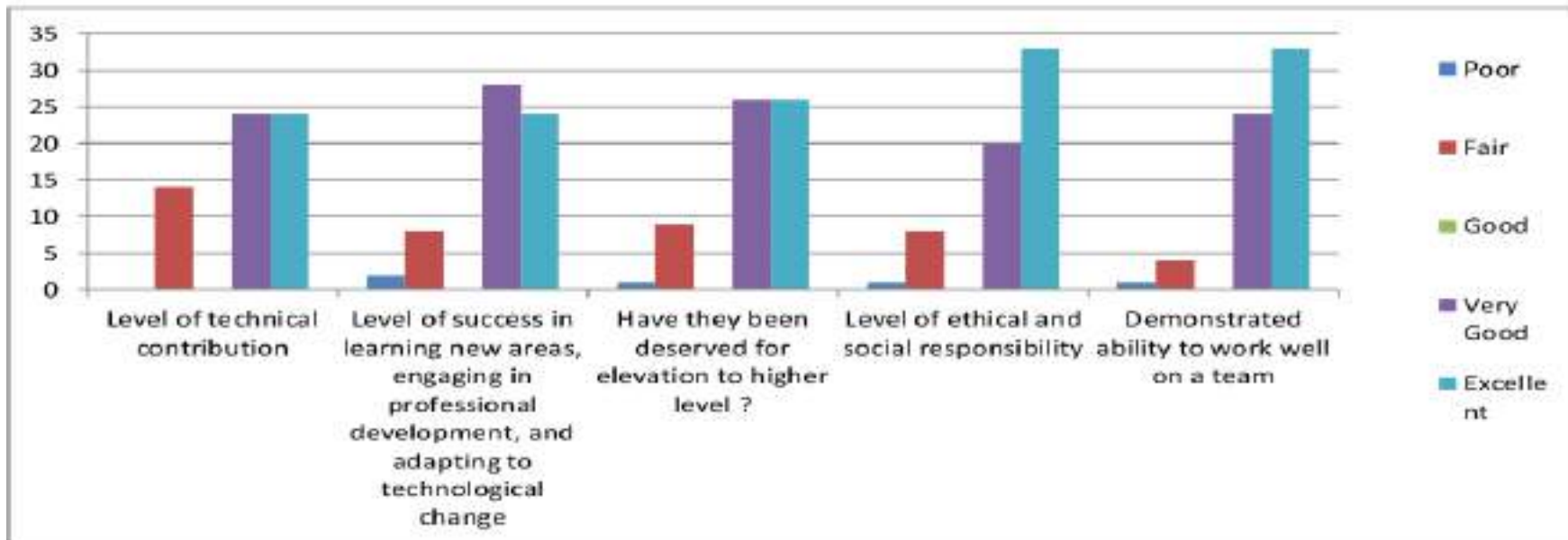
Summary Sheet

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Satisfaction Index
Do you find yourself capable of making a good career ?	1	1	2	27	40	4.46
Do you feel that you are capable of learning new things in the constantly changing technological world.	0	1	2	29	39	4.49
Are you able to apply, analyze, design and create products and solutions for real life Computer Science and Engineering problems	1	1	10	36	23	4.11
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	0	2	9	37	23	4.14

Alumni Satisfaction Index has been calculated on 5 Point Scale
(5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly Disagree)

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EMPLOYER SATISFACTION SURVEY : Sample Size : 62



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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	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)						



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



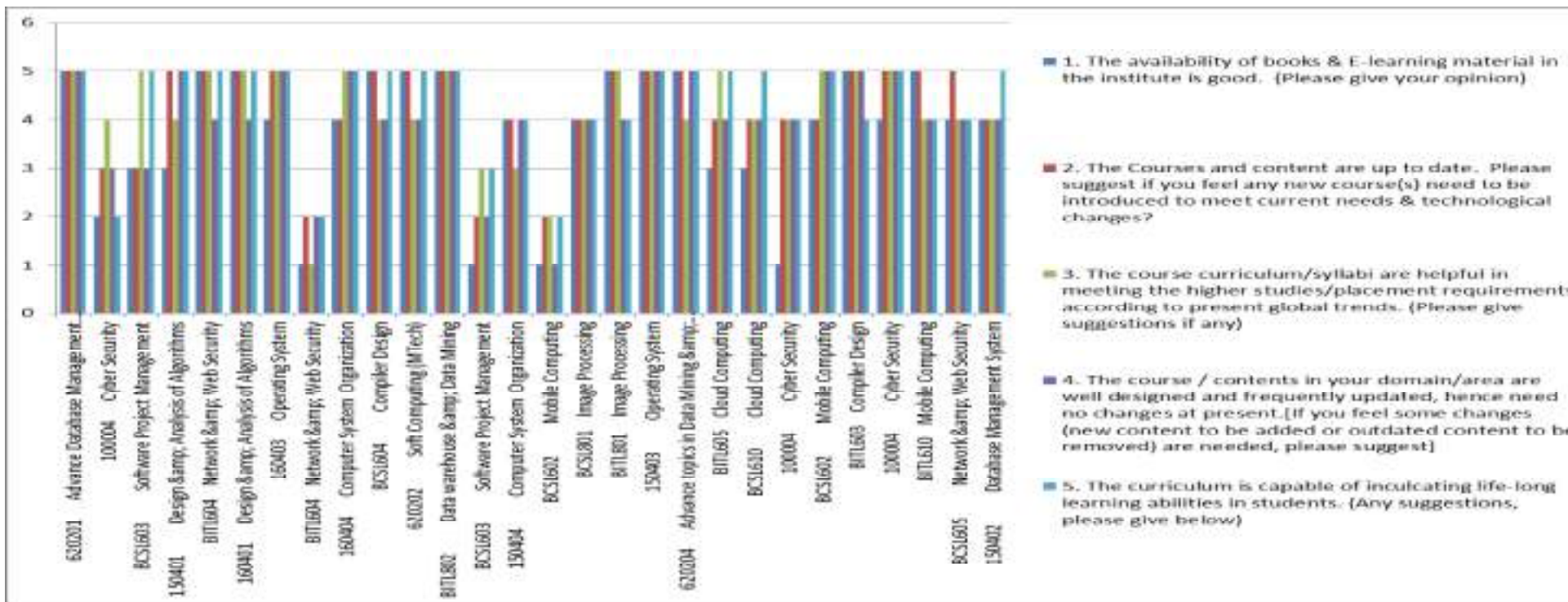
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7	160403 Operating System	4	5	5	5	5
8	BITL604 Network & Web Security	1	2	1	2	2
9	160404 Computer System Organization	4	4	5	5	5
10	BCSL604 Compiler Design	5	5	4	4	5
11	620202 Soft Computing (MTech)	5	5	4	4	5
12	BITL802 Data warehouse & Data Mining	5	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



Department of CSE & IT

26	BITL610 Mobile Computing	5	5	4	4	4
27	BCSL605 Network & Web Security	4	5	4	4	4
28	150402 Database Management System	4	4	4	4	5





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

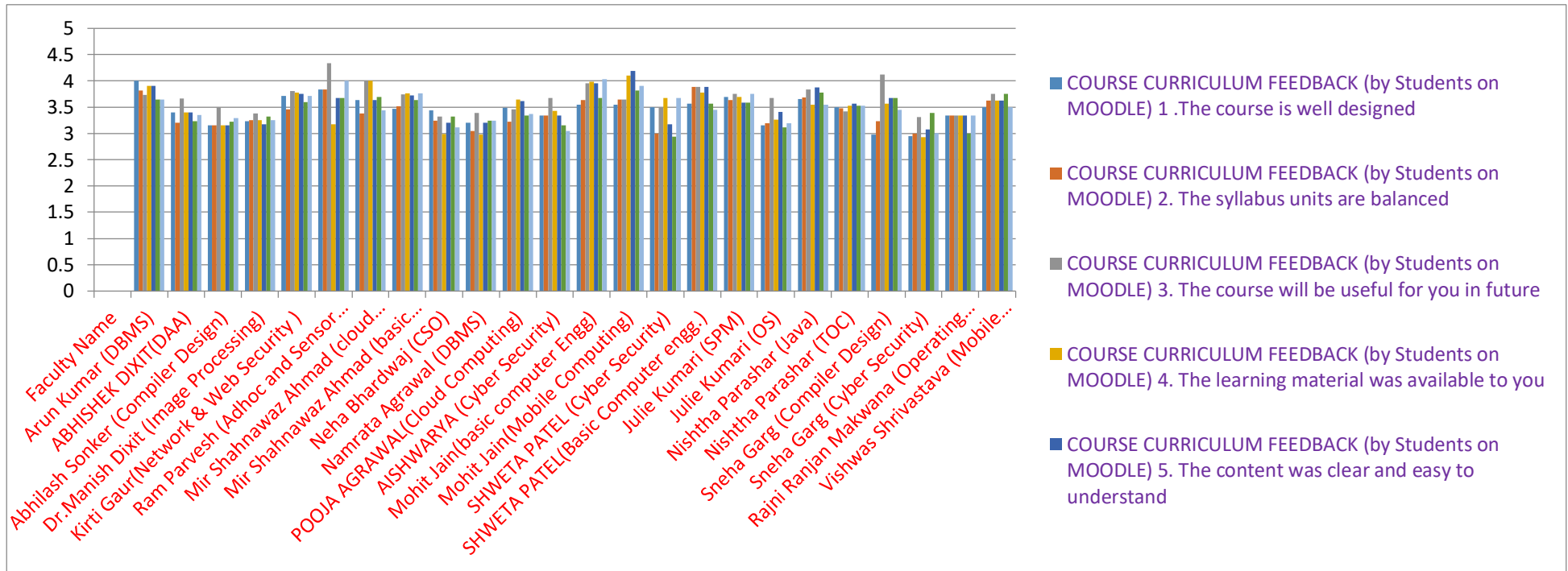
**Department of CSE & IT**

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



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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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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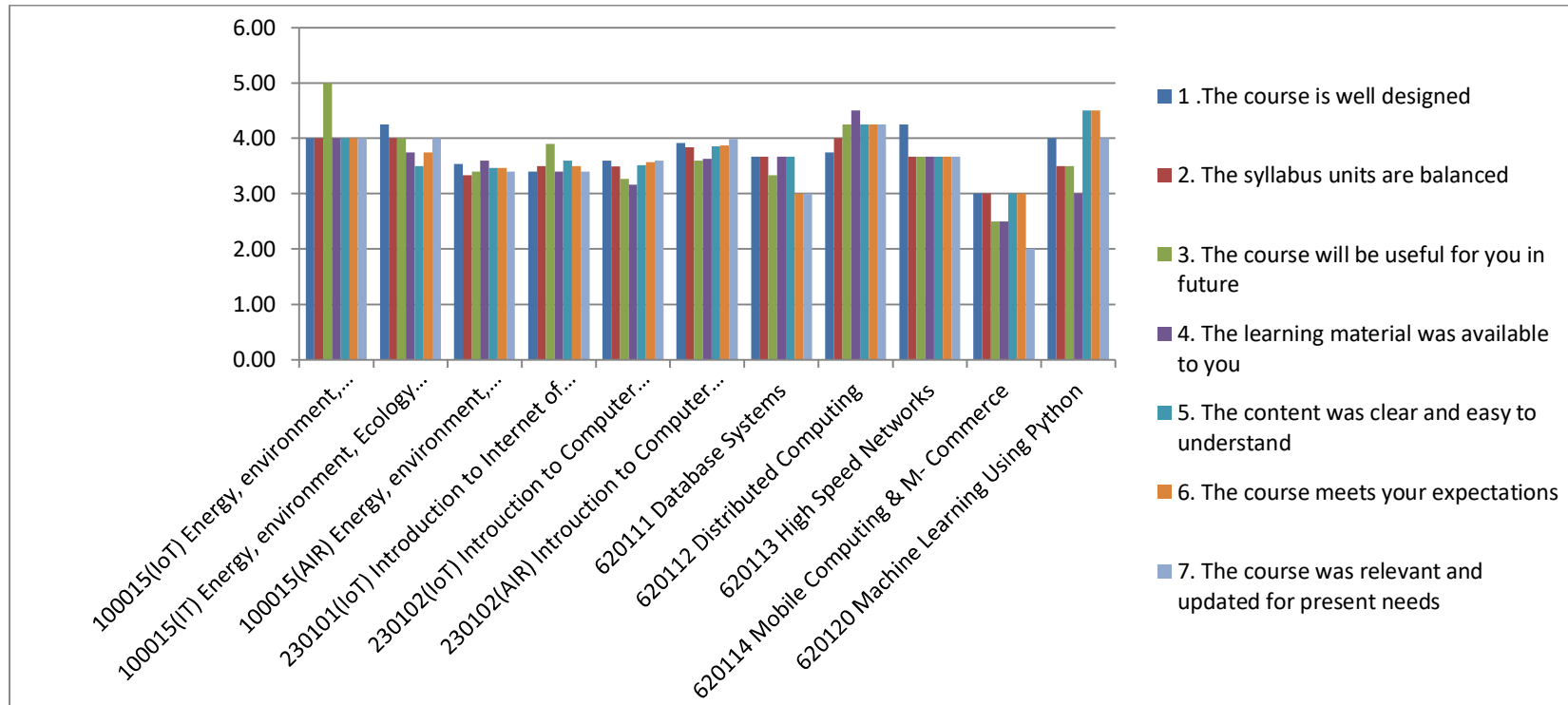
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Parameter (Avg. Grading) Subjects	1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The 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)	Introuction 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	0.2118181818

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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

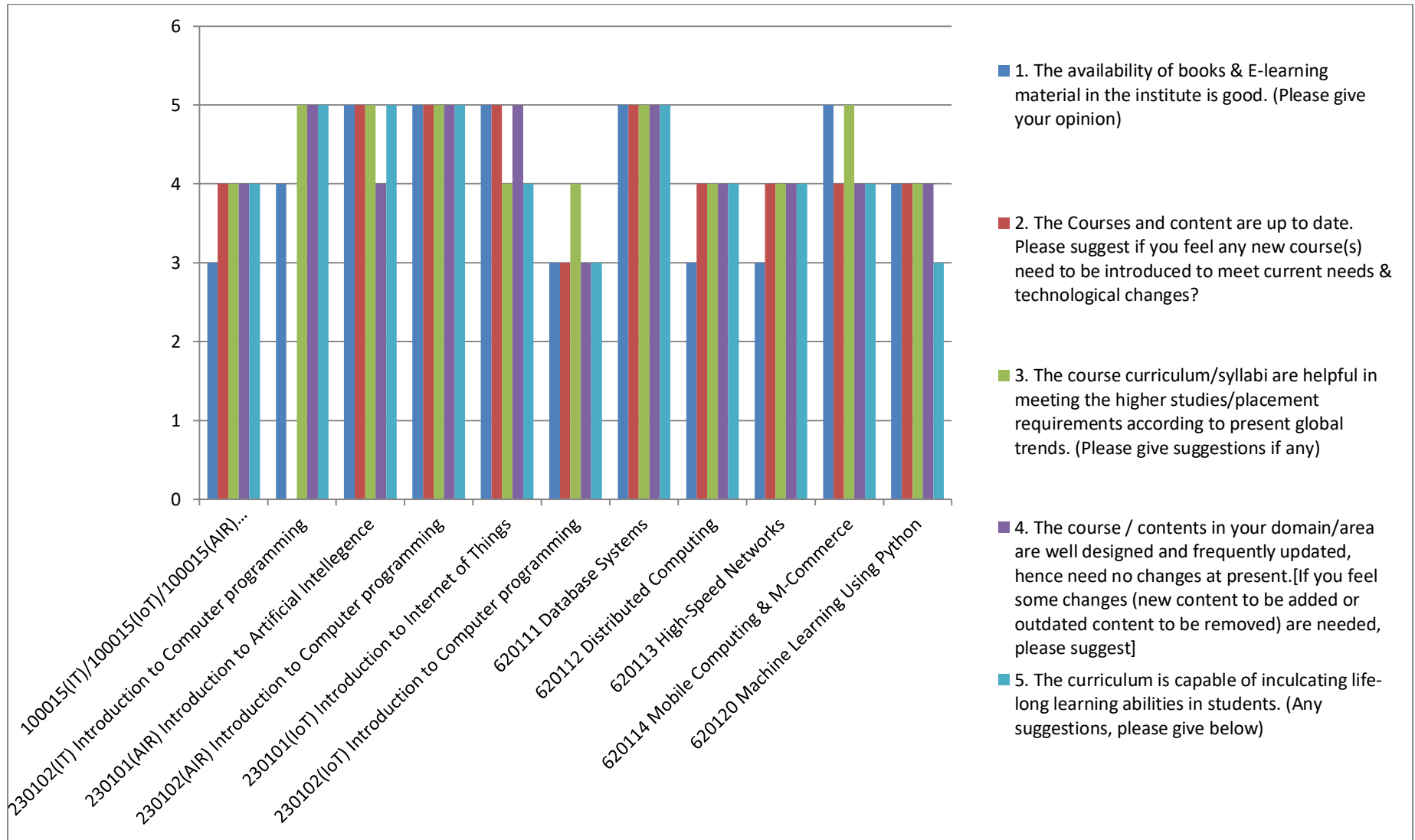
Action / taken (threshold value 3.5)	New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.
	ICP is the fundamental subject, basic 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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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

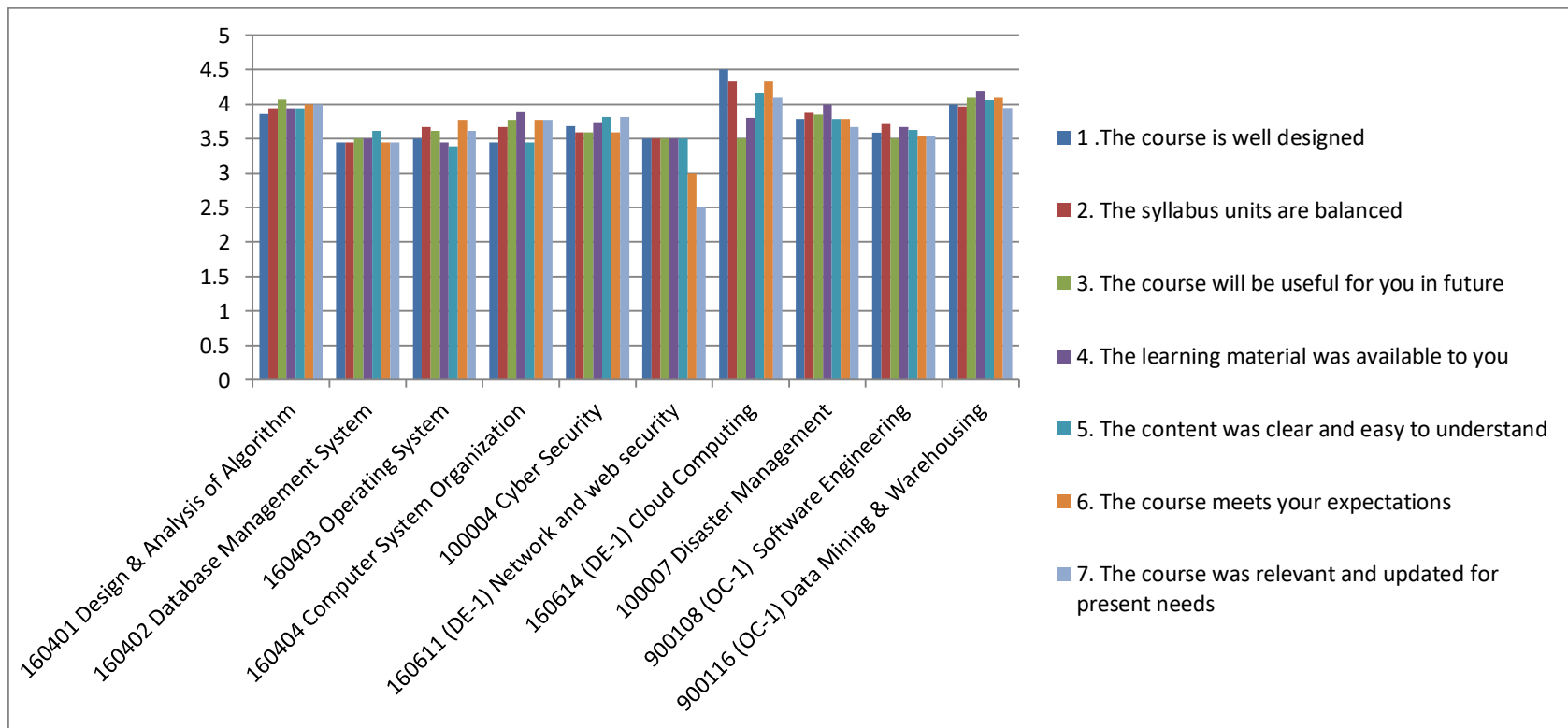
Subjects <small>Parameter (Average Grading)</small>	1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The 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

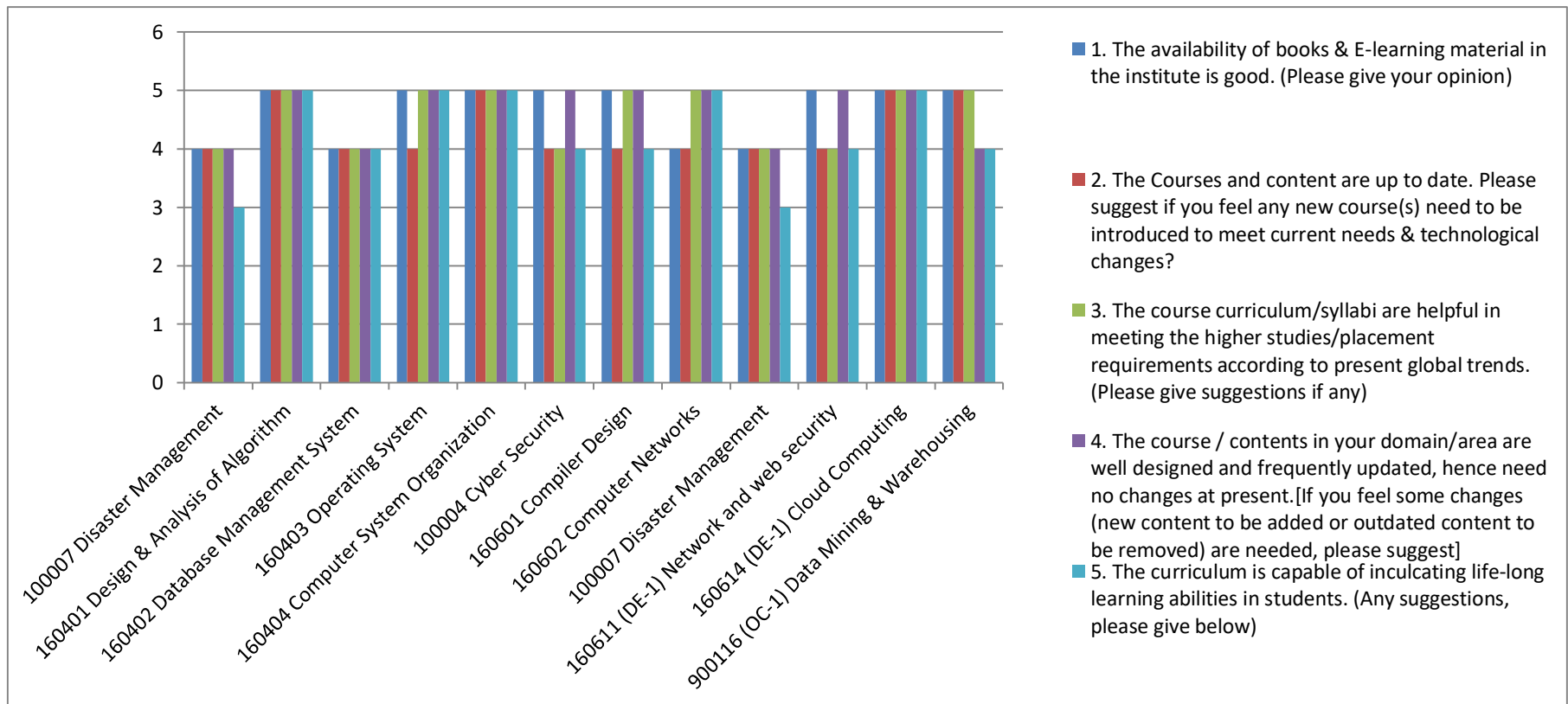
	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful 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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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)					



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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, rasberry 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"> Digital Electronics is the fundamental subject. Many applications of higher learning require this subject as prerequisite. Digital Logic Design is the fundamental subject. Moreover, this subject is also part of syllabus for higher level competitive exams like GATE. 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. 		

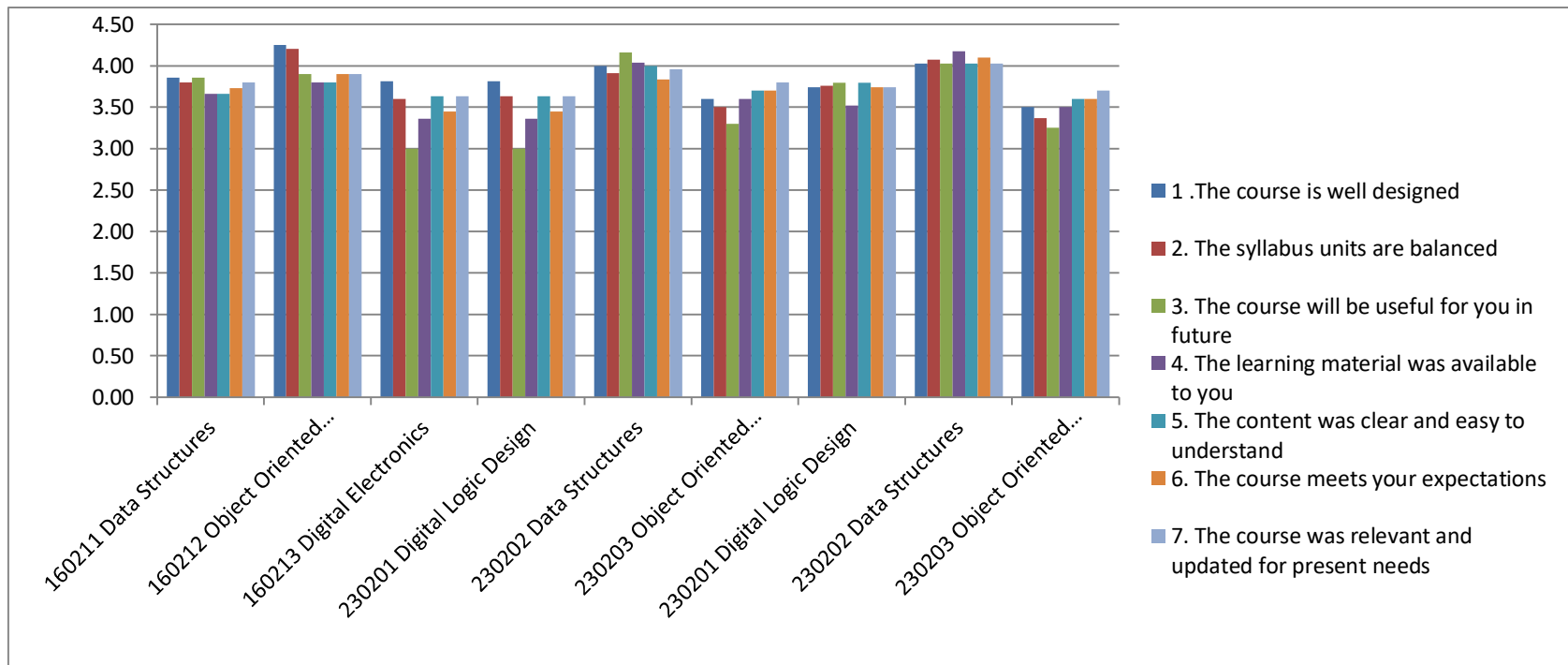
Parameter (Average Grading) Subjects	1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant 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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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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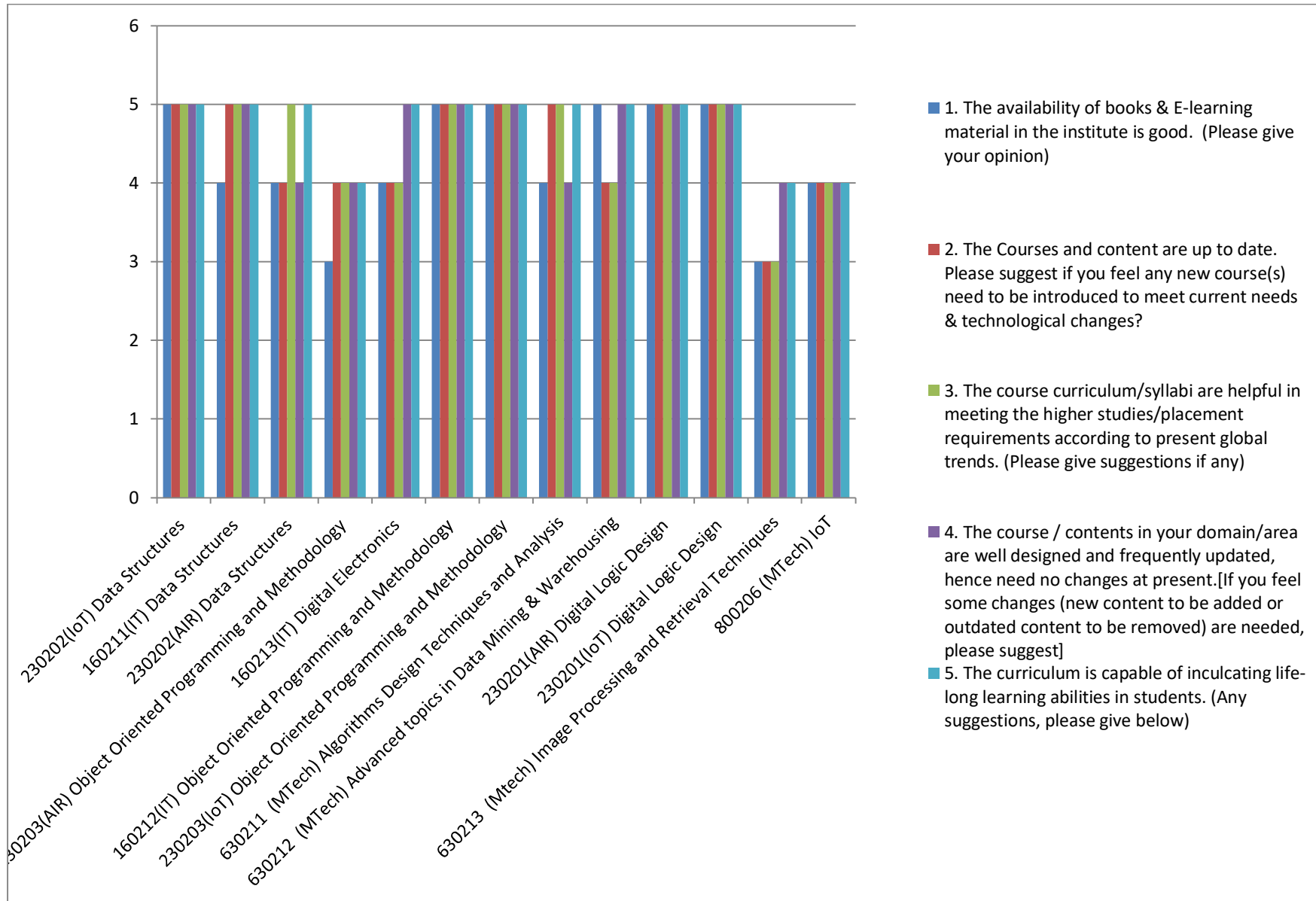
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630212 (M. Tech) Advanced topics in Data Mining & Warehousing	5	4	4	5	5
230201(AIR) Digital Logic Design	5	5	5	5	5
230201(IoT) Digital Logic Design	5	5	5	5	5
630213 (M. Tech) Image Processing and Retrieval Techniques	3	3	3	4	4
800206 (M. Tech) IoT	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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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	27.7	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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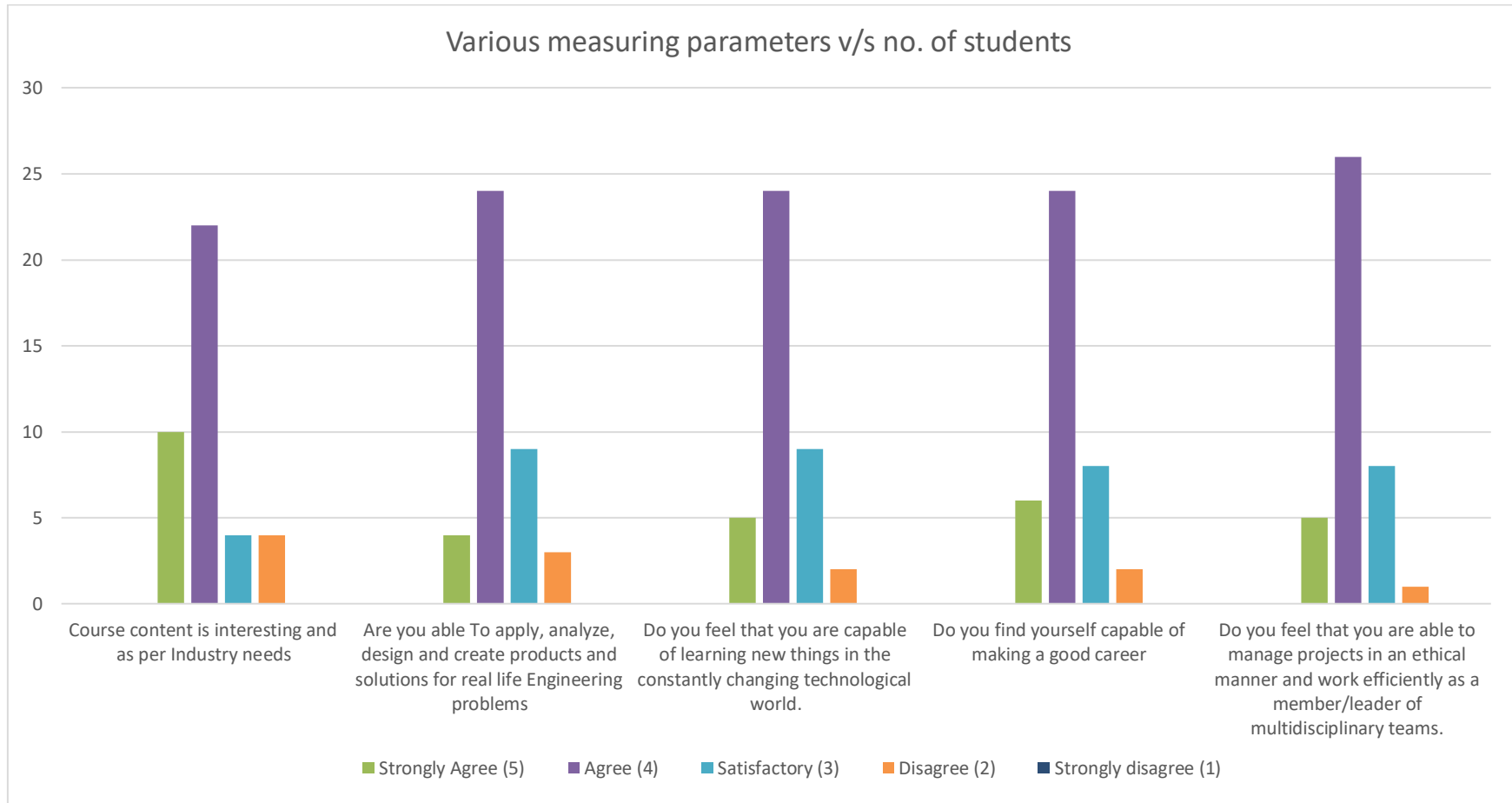
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PARAMETERS	Strongly Agree (5)	Agree (4)	Satisfactory (3)	Disagree (2)	Strongly disagree (1)
Course content is interesting and as per Industry needs	10	22	4	4	0
Are you able To apply, analyze, design and create products and solutions for real life Engineering 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-7dakqIPNUzch-H-/edit?usp=sharing&oid=103555980183400298166&rtpof=true&sd=true				

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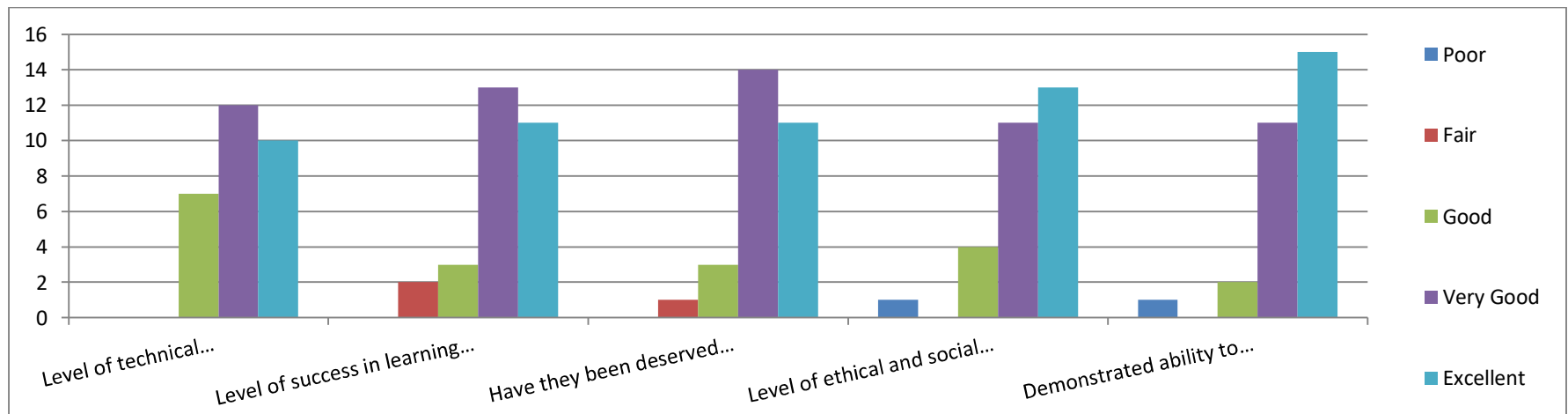
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EMPLOYER SATISFACTION SURVEY: (January to June 2019): Sample Size: 29

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)						



Department of Information Technology

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

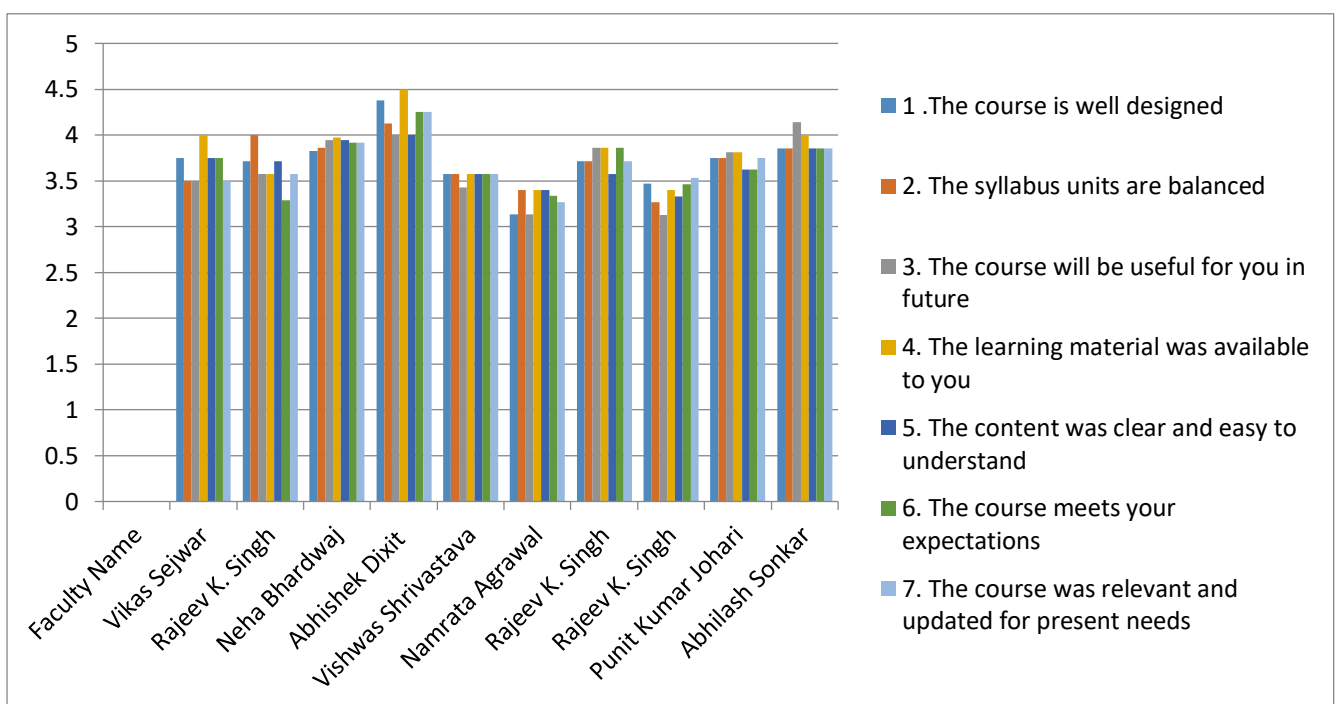
Session wise analysis and impact report: July – December 2021

- 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.

Parameter(Average Grading)			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	Sem								
160716	Mobile Computing (DE-3) (4)	7	Vikas Sejwar	3.75	3.5	3.5	4	3.75	3.75	3.5
900208	Soft Computing (OC-2) (6)	7	Rajeev K. Singh	3.714285	4	3.5714285	3.571428571	3.7142857	3.285714	3.5714285
900209	Network Security (OC-2) (35)	7	Neha Bhardwaj	3.828571	3.8571428	3.94285714	3.97142857	3.9428571	3.914285	3.9142857
900220	R Programming (OC-3) (8)	7	Abhishek Dixit	4.375	4.125	4	4.5	4	4.25	4.25
900222	Computer Networks (OC-3) (7)	7	Vishwas Shrivastava	3.5714285	3.571428	3.428571429	3.571428571	3.571428571	3.571428	3.571428
100008	Intellectual Property Rights (15)	7	Namrata Agrawal	3.133333333	3.4	3.133333333	3.4	3.4	3.333333	3.266666
100005	EEEM (14)	5	Rajeev K. Singh	3.714286	3.714286	3.857143	3.857143	3.571429	3.857143	3.714286
160502	Software Engineering (15)	5	Rajeev K. Singh	3.47	3.27	3.13	3.4	3.33	3.46	3.53
160504	Microprocessor & Interfacing (16)	5	Punit Kumar Johari	3.75	3.75	3.8125	3.8125	3.625	3.625	3.75
160503	Theory of Computation (7)	5	Abhilash Sonkar	3.857	3.857	4.14	4	3.857	3.857	3.857
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	1.155
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	0.475

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

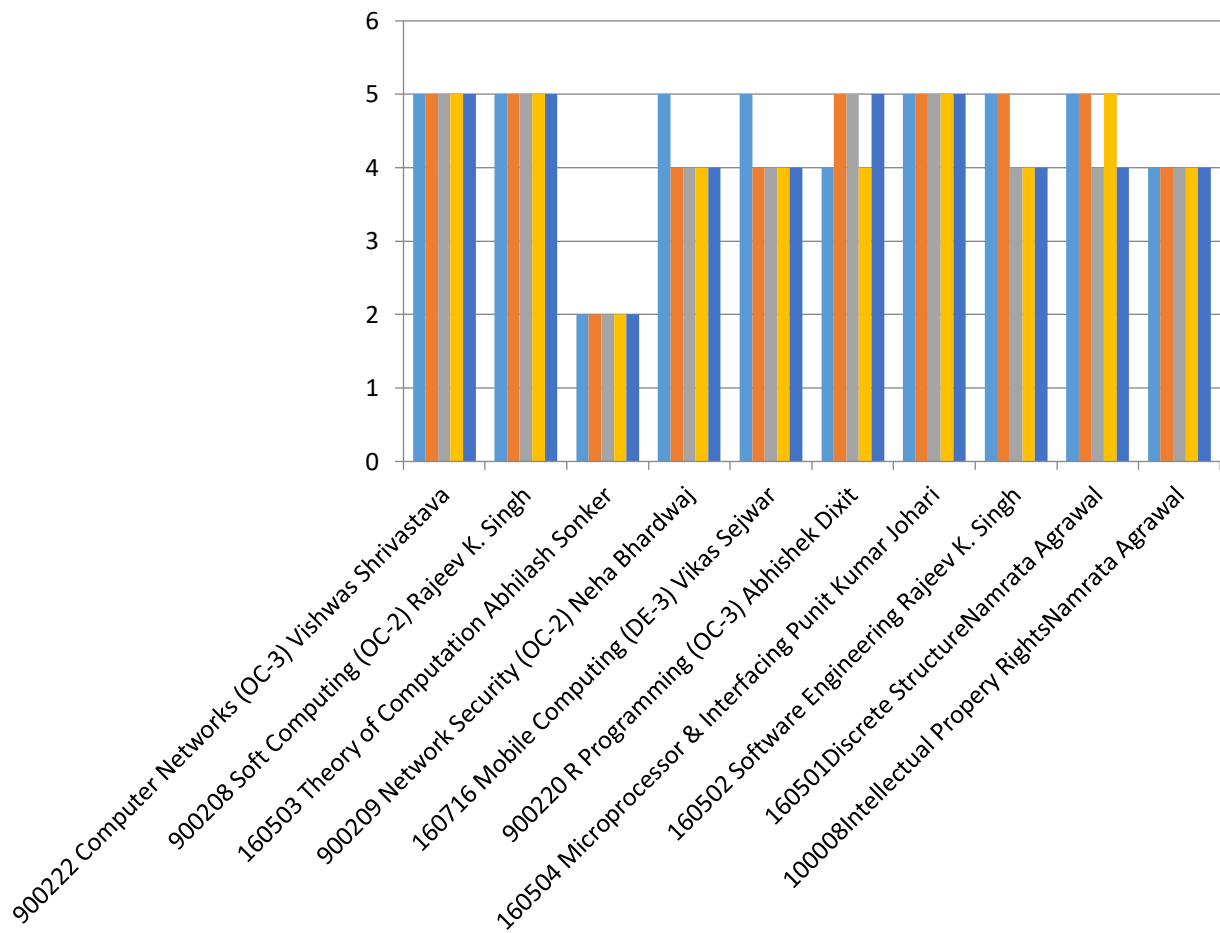
Action / taken (threshold value 3.5)
<p>New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed.</p> <p>As per the scenario, people refer online materials. Our Institute has provided e-learning materials. Recommendation has sent to library to add new books as per new courses and strength of books.</p>

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	5
2	900208 Soft Computing (OC-2) Rajeev K. Singh	5	5	5	5	5

3	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



- 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)

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

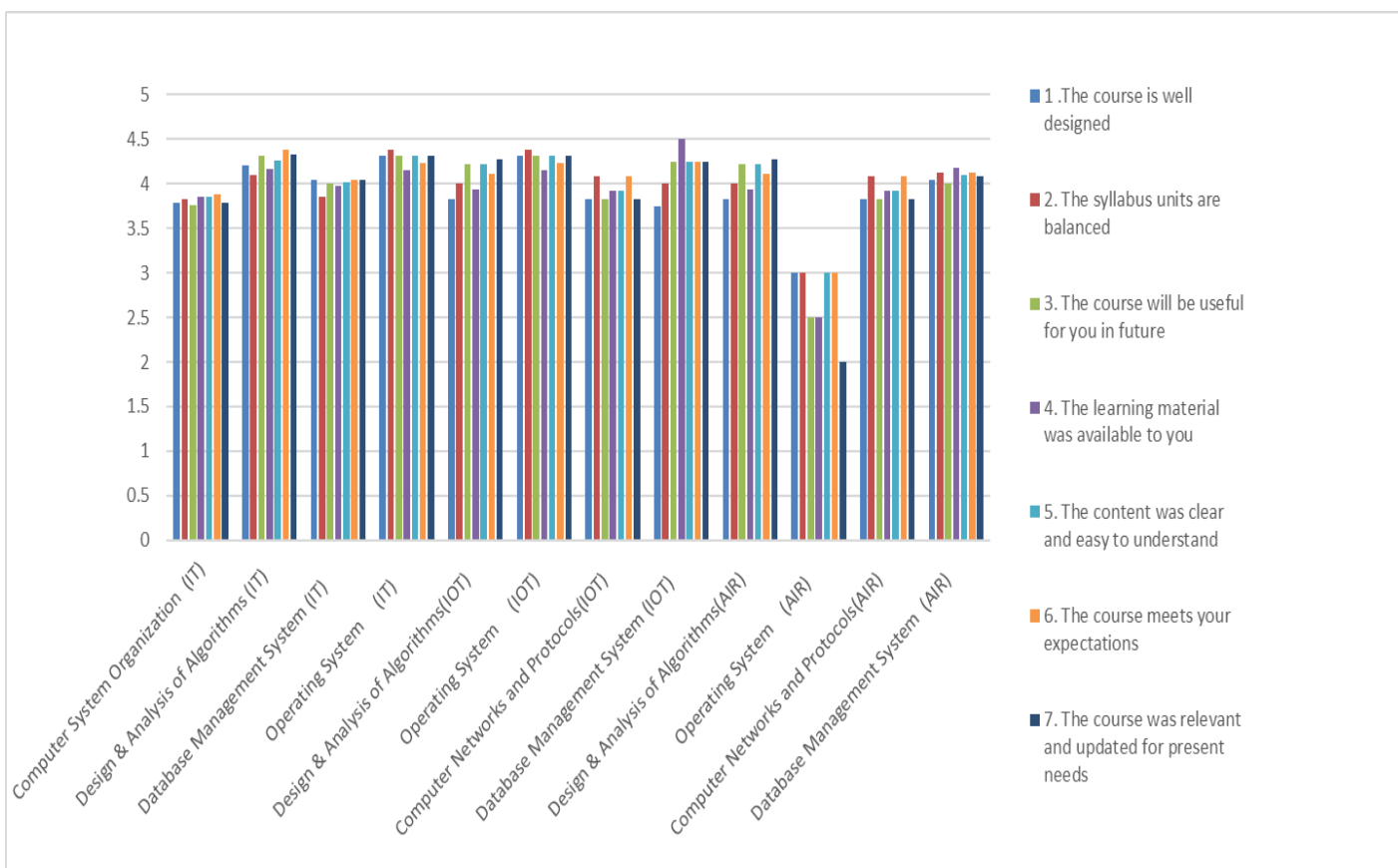
COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 30 (Avg.)

- 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-dV0sOQtvza14Az?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
Subject Name and code								
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

160313	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)								



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

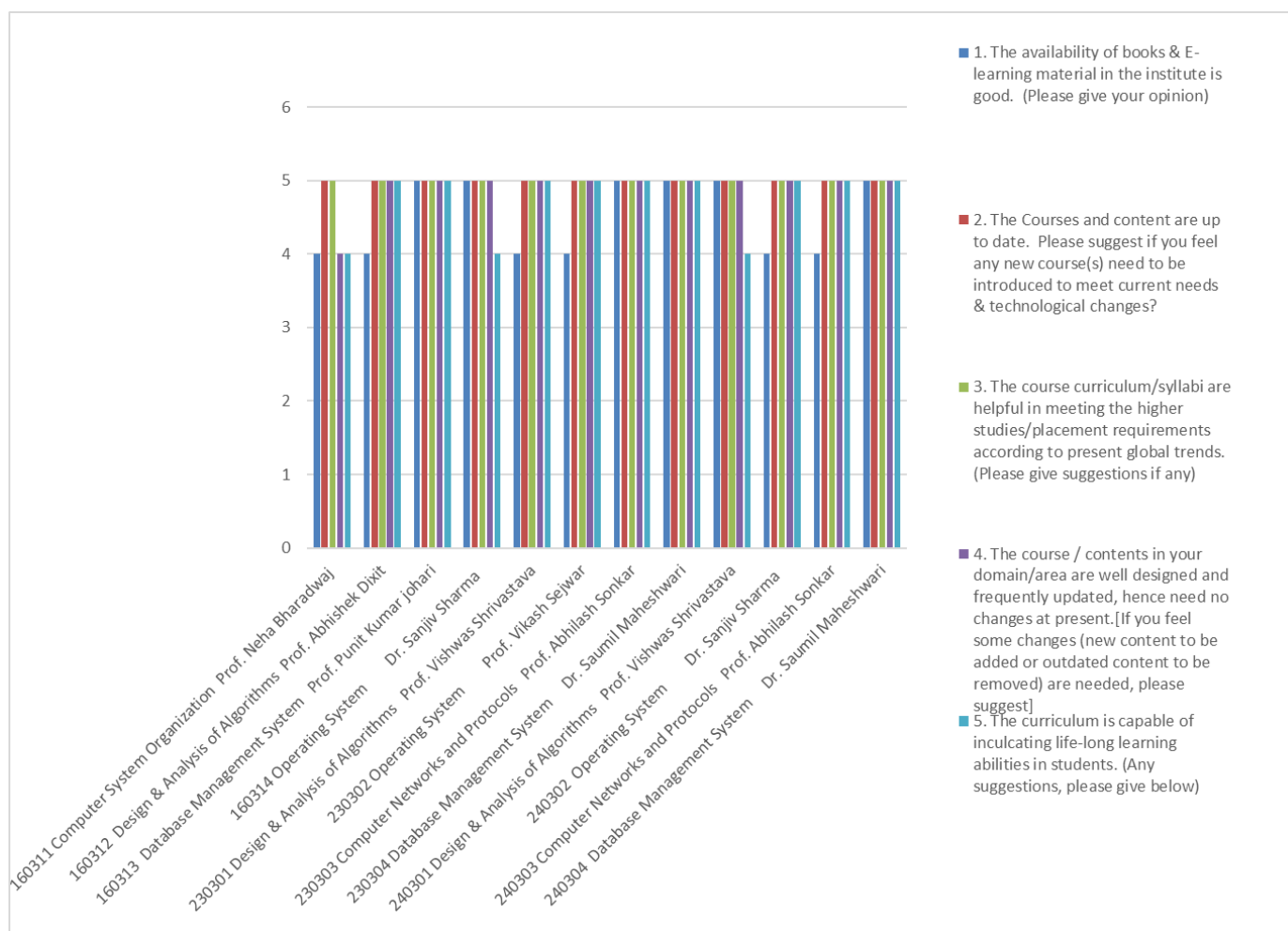
240302	Operating System	3	Dr. Sanjiv Sharma	40.66	47.25	12.09	0.00	0.00
240303	Computer Networks and Protocols	3	Prof. Abhilash Sonkar	29.76	38.1	27.38	4.76	0
240304	Database Management System	3	Dr. Saumil Maheshwari	39.19	32.23	27.47	1.1	0
			Average	35.72	40.03	22.39	1.86	0

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 online 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 is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
Subject Name					
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

230304 Database Management System Dr. Saumil Maheshwari	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



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	0	100

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

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.)

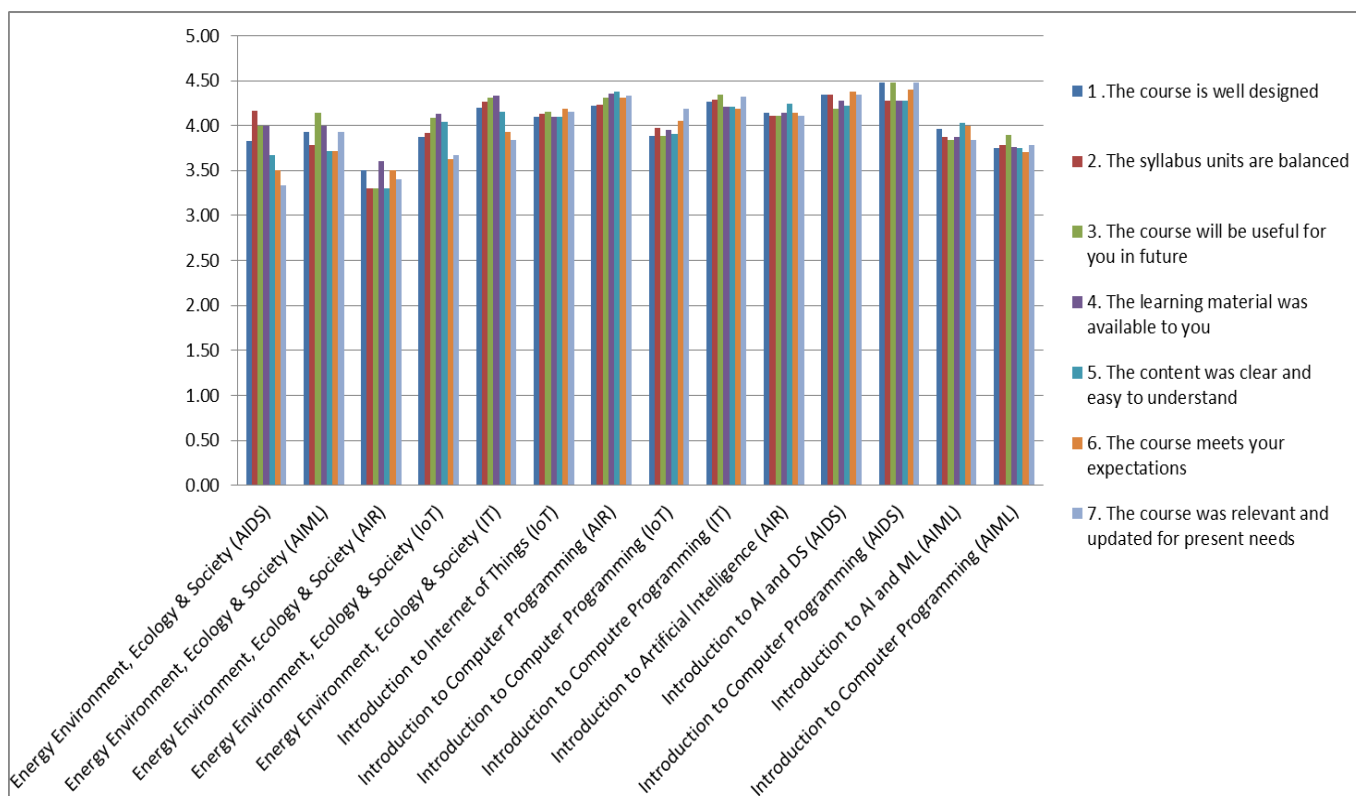
Oct. to March 2022 (1 st sem)	Student Feedback (Comments)		Response to student comments / Analysis	Remarks
(100015) Energy Environment, Ecology & Society (AIML)	Mention the course / contents which in your opinion is outdated & needs to be removed.	Energy and its types.	These topics are required to meet 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

	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 The subjects (CPP, Python, Networking, and Ethical hacking) are already a part of curriculum and offered in higher semesters under Open category. For practice, more programmes will be added.	
	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		
	Honours	Python Programming		
	Minor specialization	Mathematics, Economics		
	Departmental electives	Machine learning, Ethical Hacking, Economics		
	Open electives	Networking, Economics		
Link	https://drive.google.com/drive/folders/1tX3Ughu6bABhGfCpbTTk3fzvlghMpZV?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. After discussion with the subject faculty members, syllabus has updated After discussion with HOD and faculty members subject such as web and app development, Bootstrap will include in curriculum.			

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
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

230102	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)



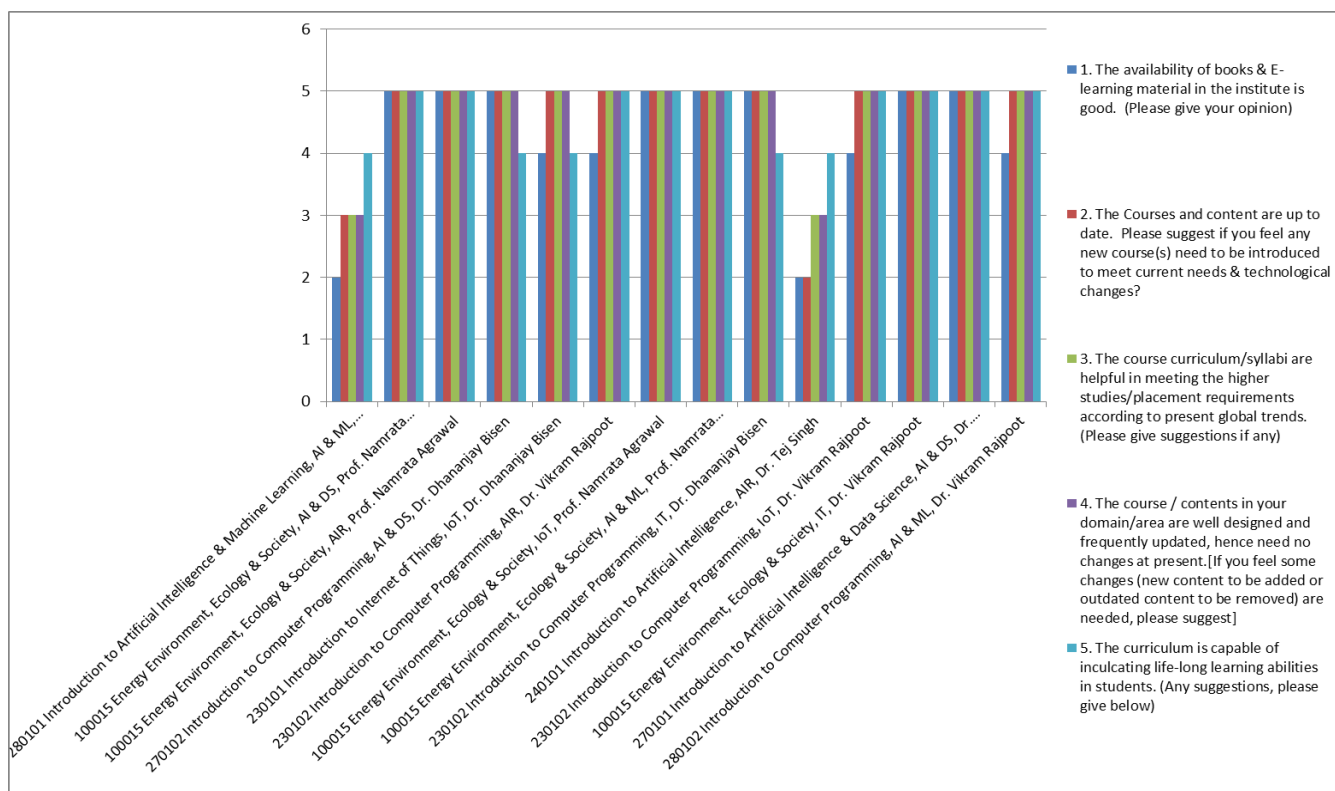
Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
100015	Energy Environment, Ecology & Society (AIDS)	1	Prof. Namrata Agrawal	28.57	35.71	26.19	4.76	4.76
100015	Energy Environment, Ecology & Society (AIML)	1	Dr. Vikram Rajpoot	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

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/1B9EOFZ056p8gmDmX8RK0WQ0C3vh_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. (Any suggestions, please give below)
Subject Name and faculty name					
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

230102 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



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

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.)

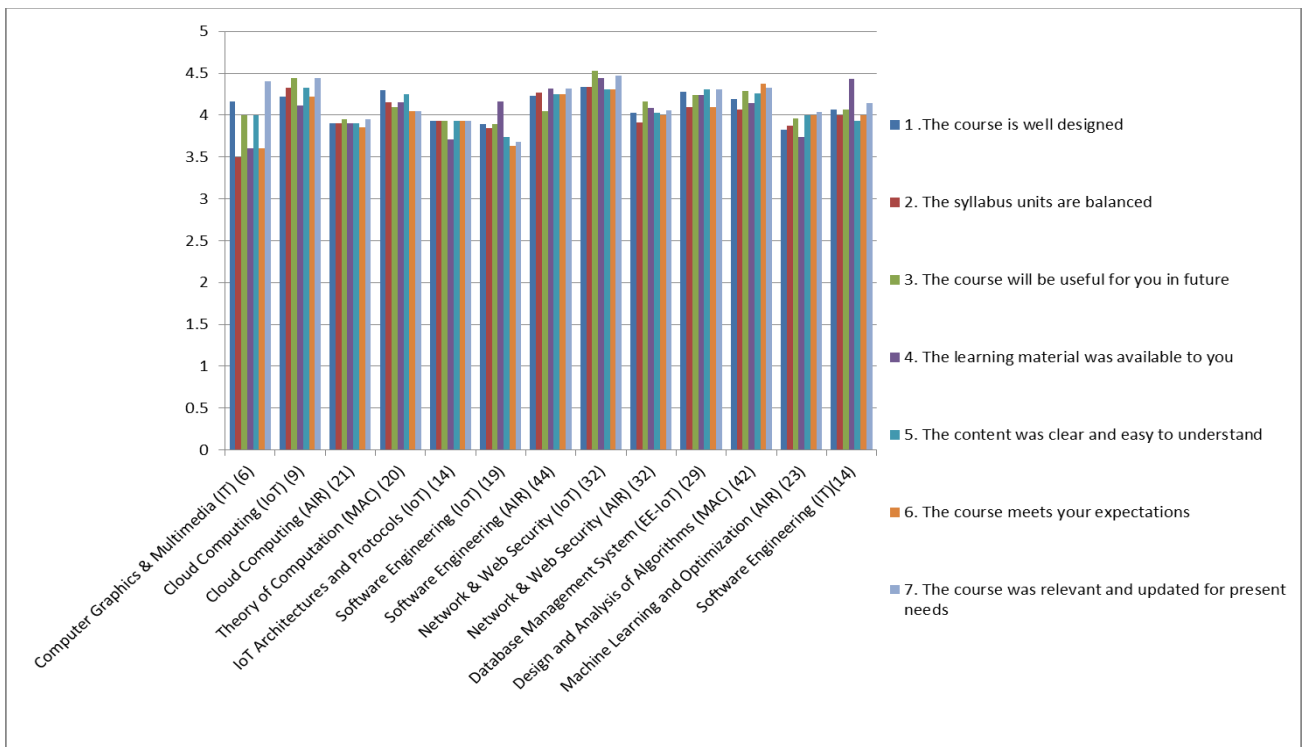
January to April 2022 (IV sem)	Student Feedback (Comments)		Response to student comments / Analysis	Remarks
(230402) Cloud Computing (IoT)	Name course / contents which needs to be updated.	Practical of cloud computing	That matter will put into departmental meeting (consisting of HOD and faculty members) and committee will check the importance of subject and decide. We will do the needful.	Suggestion
(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	Suggestion

(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/1s7wKfGzVFE_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.			

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
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

230403	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)



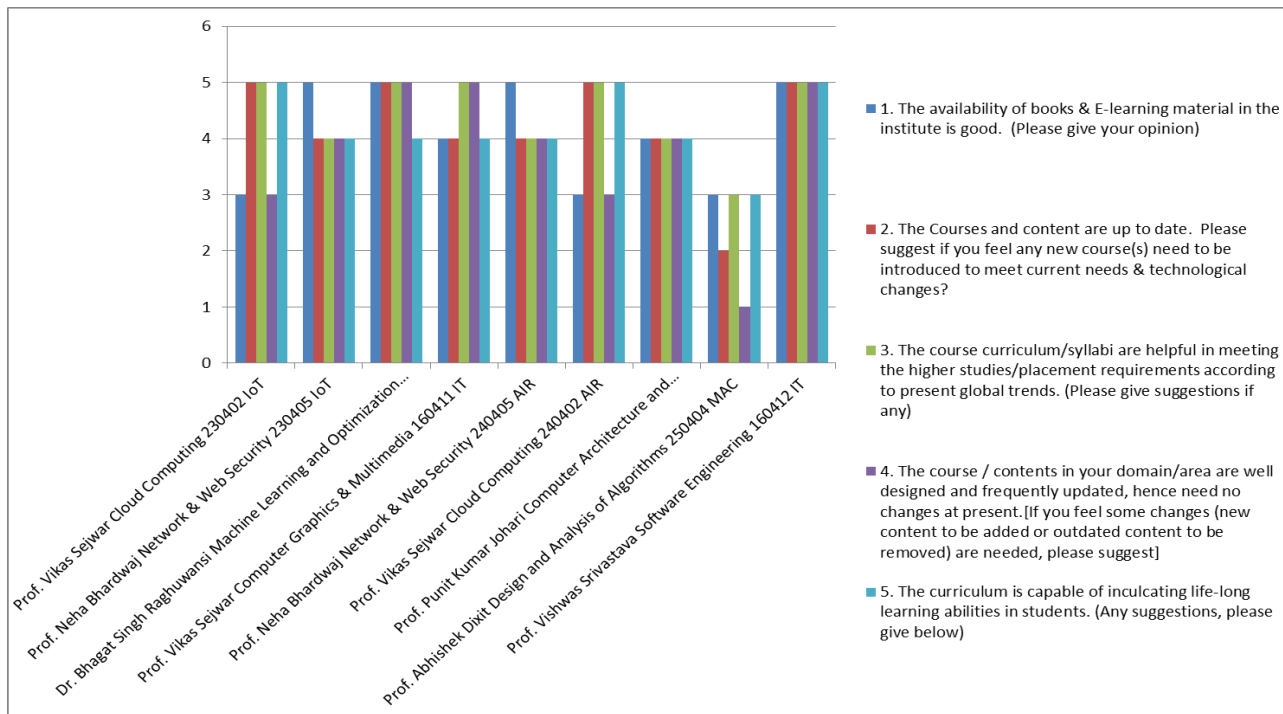
Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160411	Computer Graphics & Multimedia (IT)	IV	Prof. Vikas Sejwar	38.10	26.19	23.81	11.90	0.00
230402	Cloud Computing (IoT)	IV	Prof. Vikas Sejwar	53.97	28.57	11.11	6.35	0.00
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

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-j6mFjGJVrRQnPjH4MCxqc5P?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 is capable of inculcating life-long learning abilities in students. (Any 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 Raghuwansi 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. Punit Kumar Johari Computer Architecture and Microprocessor 230401 IoT	4	4	4	4	4

Prof. Abhishek Dixit Design and Analysis of Algorithms 250404 MAC	3	2	3	3	3
Prof. 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

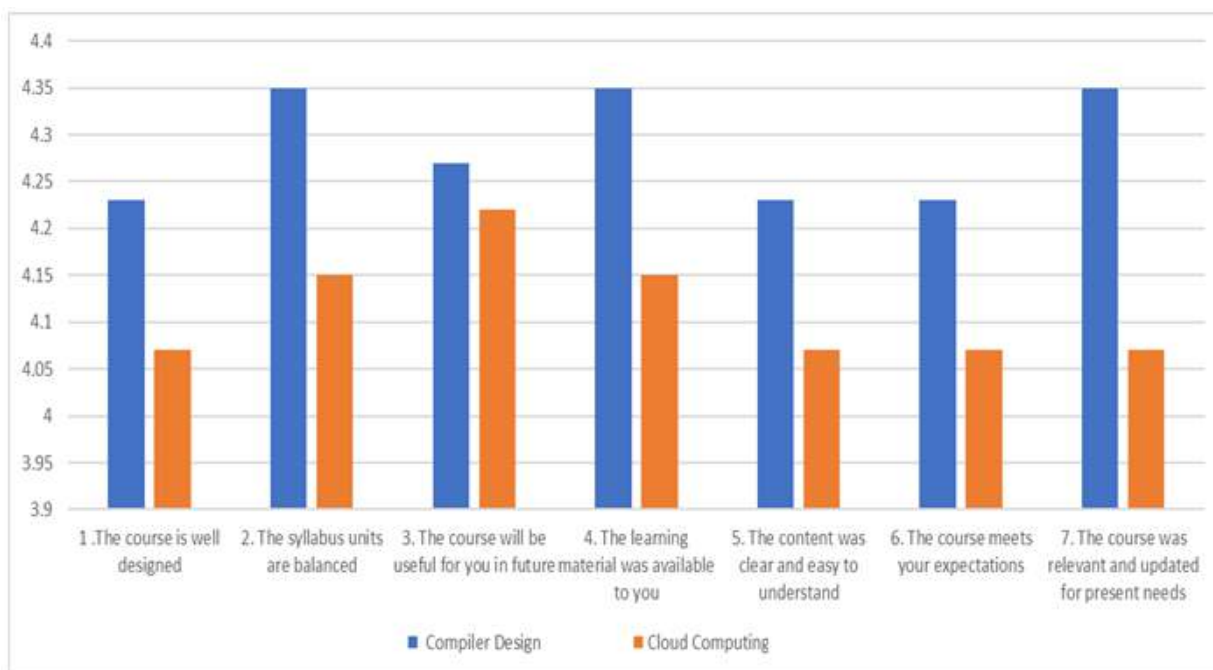
Session wise analysis and impact report: January -April 2022

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 was relevant and updated for 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)								



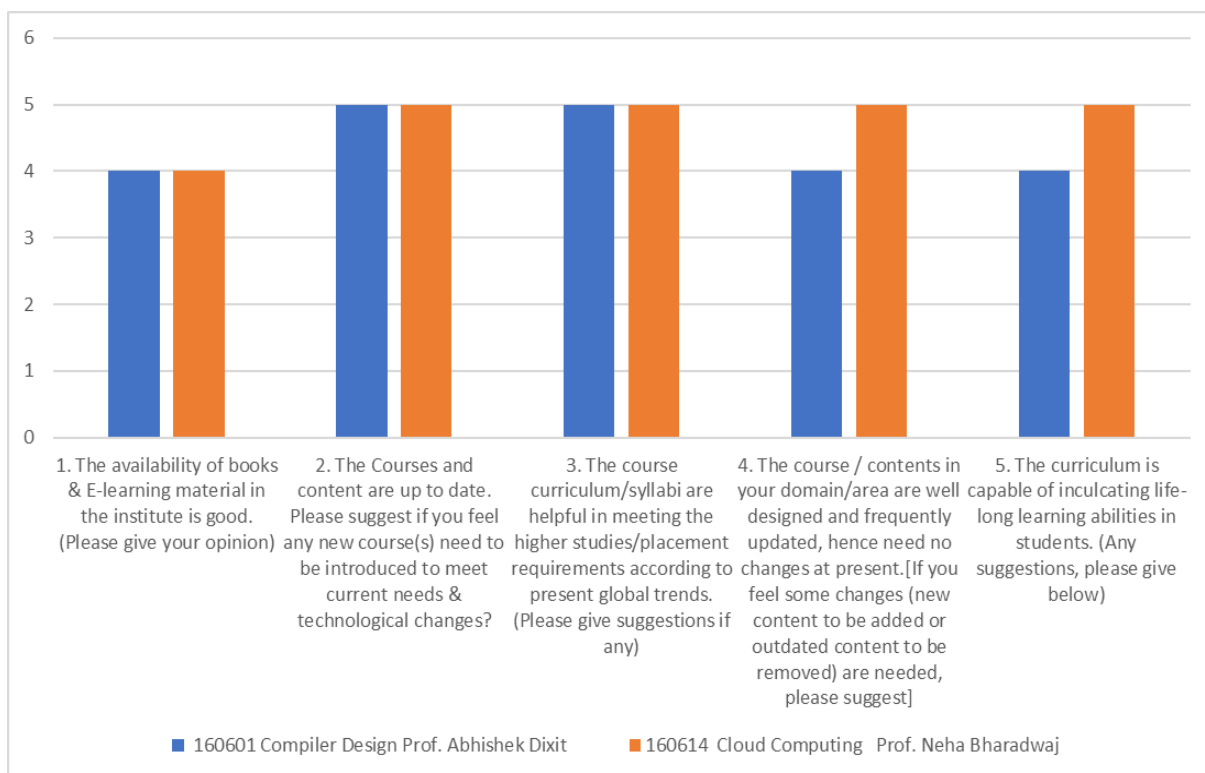
Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160601	Compiler Design	6	Prof. Abhishek Dixit	59.89	18.68	15.93	1.10	4.40
160614	Cloud Computing	6	Prof. Neha Bharadwaj	45.50	26.98	21.16	6.35	0.00
			Average	51.18	24.33	18.54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

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



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

Department of Information Technology

Alumni Feedback

Analysis and Impact report: (Batch 2017-2021)

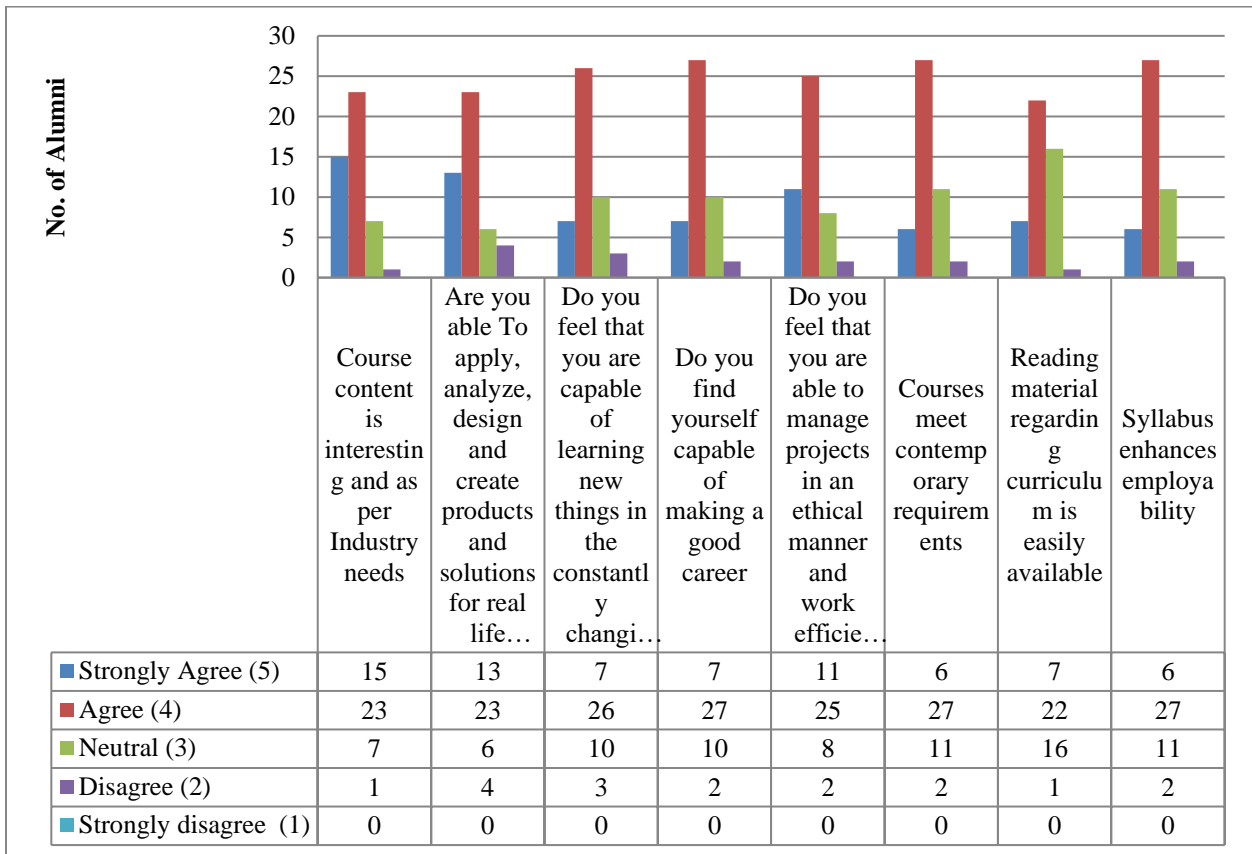
Based on the feedback data received from total 46 Alumni of above mentioned batch following points have been analysed:

- It has been analyzed that 32.61% of students are strongly agreed, 50% of students are agreed, 15.22% of students are neutral, and 2.17% of students are disagreed with Course content which is interesting 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 and 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 discussion

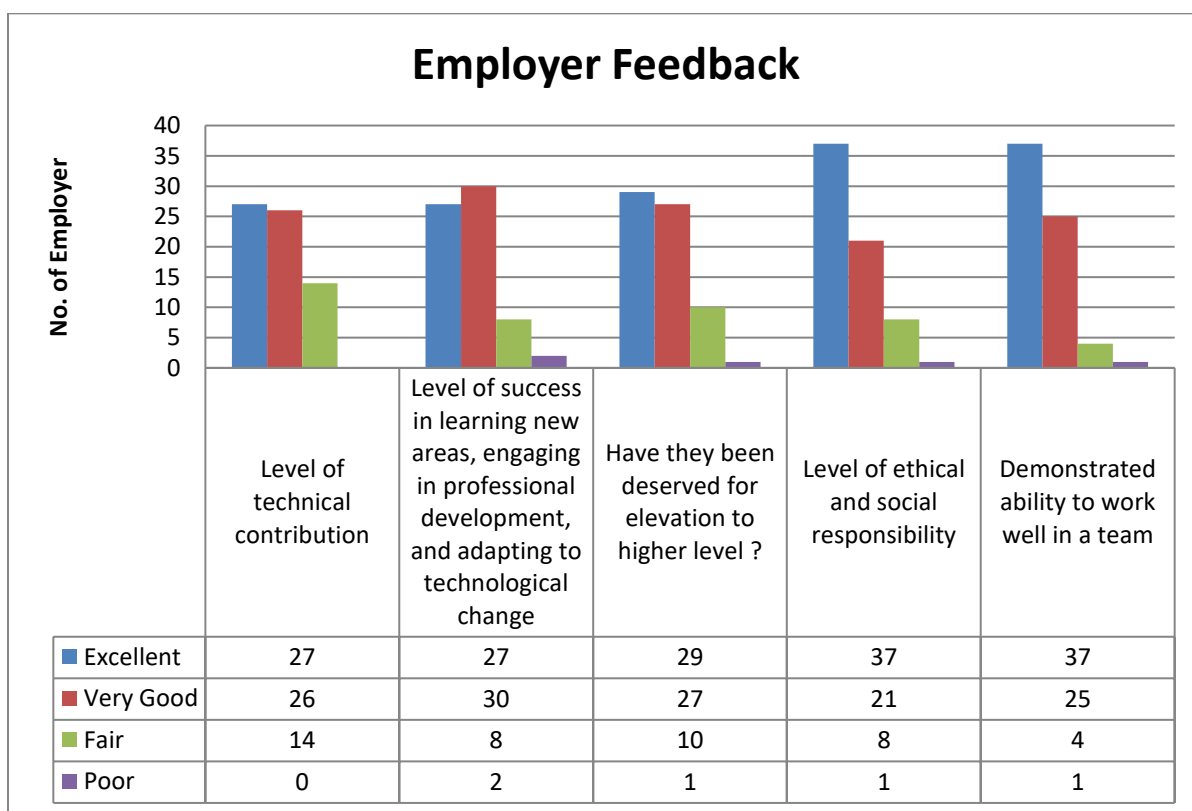
6	More practical Labs than Theory classes	Try to add practicals where not included, and add more practicals where already included for practice.	Discussed
7	Constant updation of curriculum to be industry ready	Suggestions required from industry. Workshops will be conducted with them and will take meetings 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

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_25OhnOoq8xWH9qY6tfzFoGqNZ0btTWTVMbH4by4/edit?usp=sharing				



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/10Ij8MtXBQSDv8H2bmHfxVIOvQM3qTL3q/edit?usp=sharing&ouid=109055627337813693303&rtpof=true&sd=true>



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.

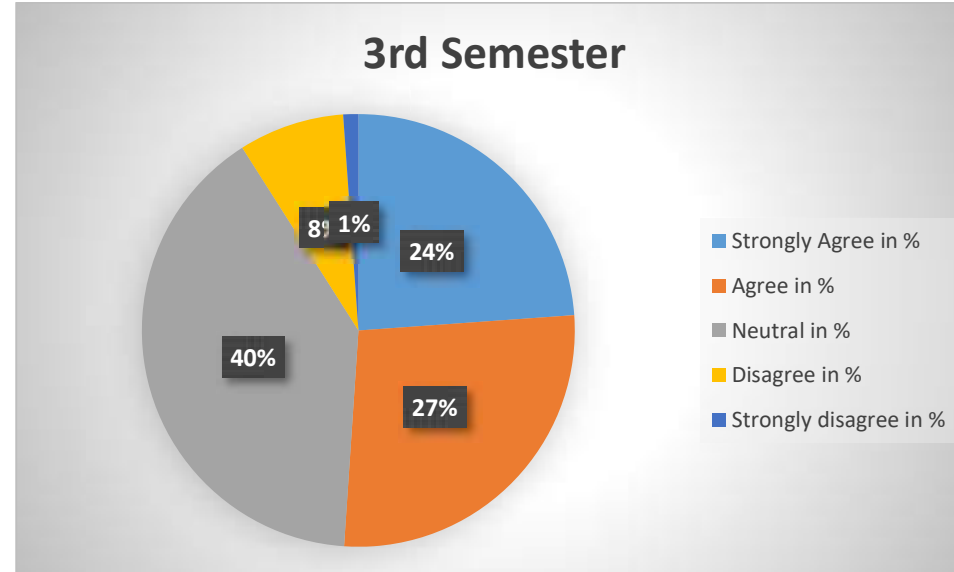
SESSION: July-December 2020---COURSE CURRICULUM FEEDBACK (by Students on MOODLE)										
Parameter(Average Grading)				1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear 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

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	4.1333333	4.0666667	4	4.2	4.3333333	4.3333333
900208	Soft Computing	7	Prof. Santosh Sahu	3.6666667	3.5	3.6666667	3.6666667	3.3333333	3.5	3.6666667
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	3.8666667	3.6	3.8	3.5333333	3.5333333	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

Semester wise Analysis:

Semester 3rd

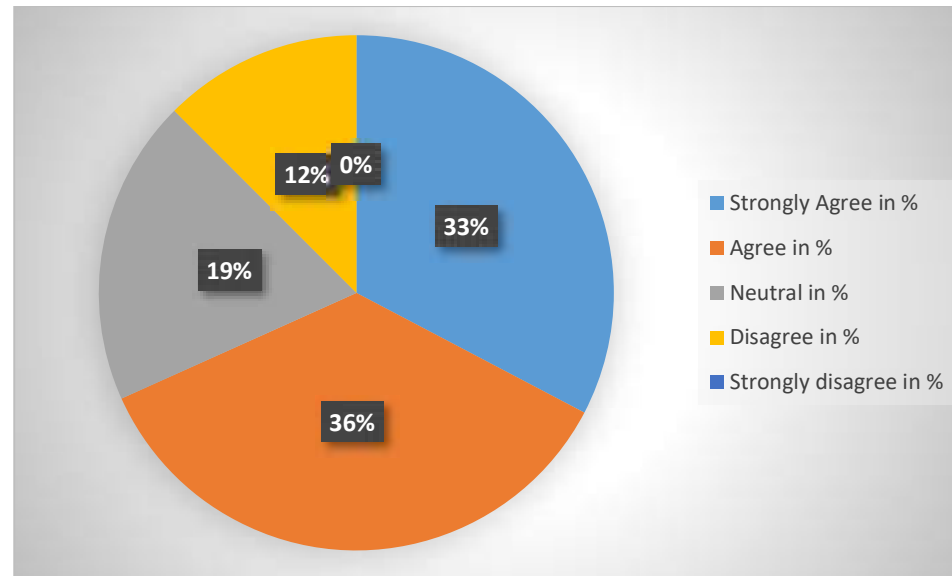
Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160301	Digital Electronics	3	Dr. R. K. Gupta	3.56	32.14	53.5	10.7	0
160302	Data Structures	3	Prof. Rajni Ranjan Singh Makwana	41.07	21.47	28.57	8.92	0
160303	Computer Graphics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



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

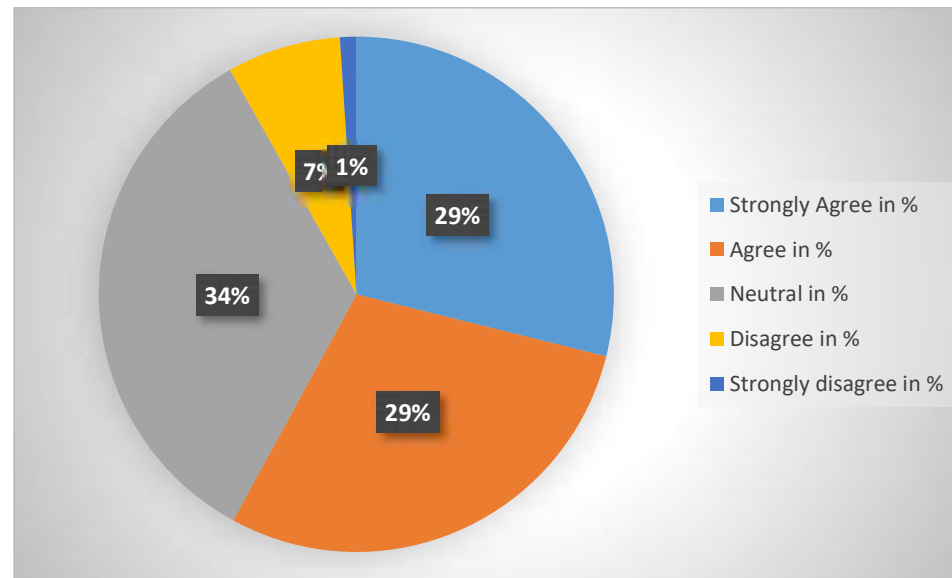
Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160501	Discrete Structures	5	Prof. Aishwarya	30.14	54.28	8.57	9.14	0
160504	Microprocessor	5	Prof. Punit K. Johari	37.66	19.48	31.16	16.88	0



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

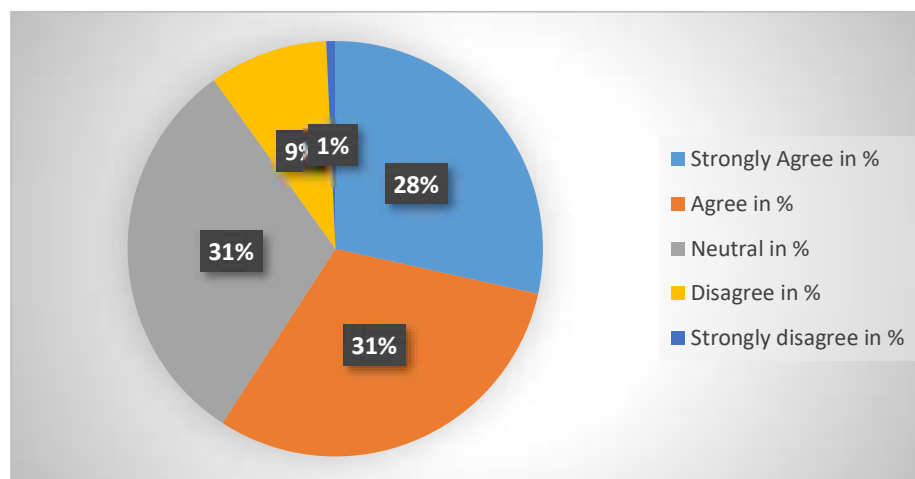
160711	Networking with TCP/IP	7	Prof. Khushboo Agarwal	39.07	24.47	26.57	10.92	0
160712	Data Mining & Warehousing	7	Dr. Sanjiv Sharma	37.66	32.46	25.97	1.29	2.59
160713	Software Testing	7	Prof. Rajeev K. Singh	14.28	28.47	39.28	17.85	0
900208	Soft Computing	7	Prof. Santosh Sahu	16.66	23.8	59.52	0	0
900209	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



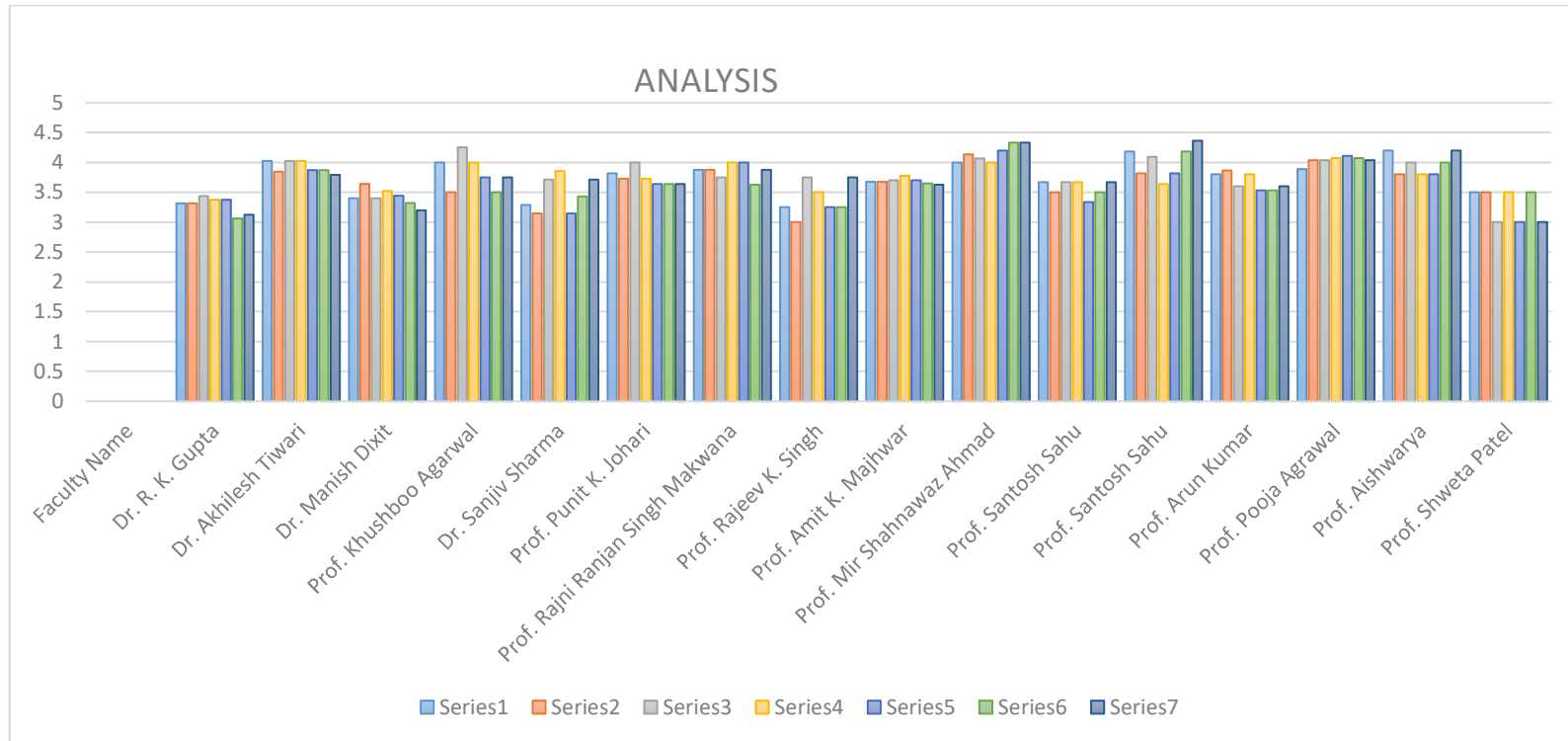
On an average 29% students are strongly agree, 29% are agree, 34% are neutral, 7% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

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



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.



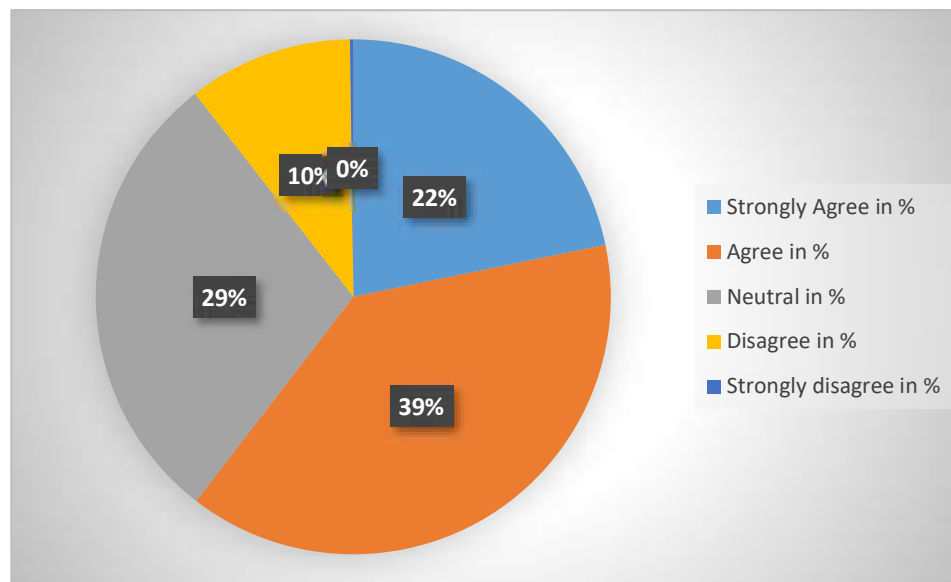
SESSION: December-March 2021---COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

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	3.9833333333
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

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)	Introuction to Computer programming	1	Dr. Sanjiv Sharma	19.69	27.79	32.81	17.76	1.93
230102(AIR)	Introuction 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



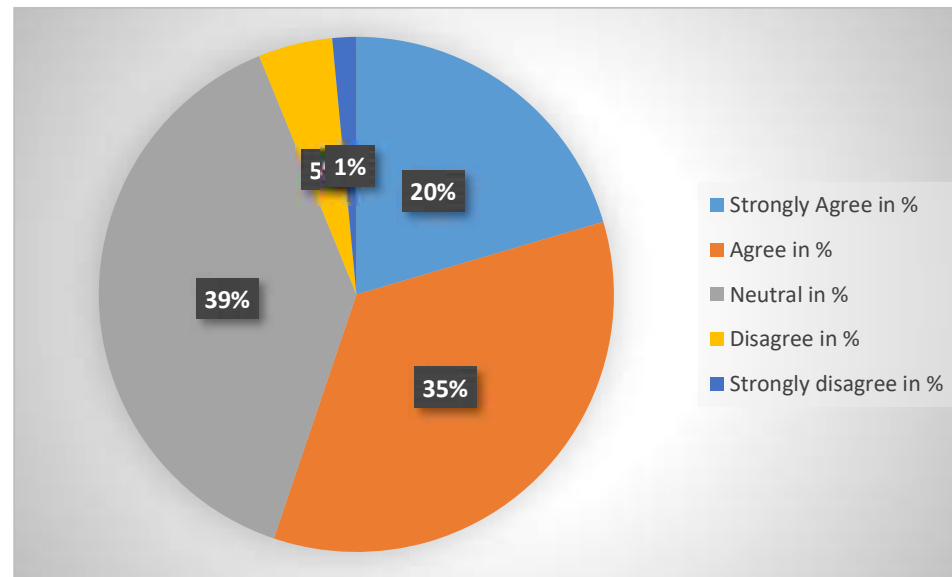
On an average 22% students are strongly agree, 39% are agree, 29% are neutral, 10% are disagree and 0% are strongly disagree with the current syllabus of the various programmes designed by the Department of Information Technology, MITS Gwalior.

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

Semester 4th

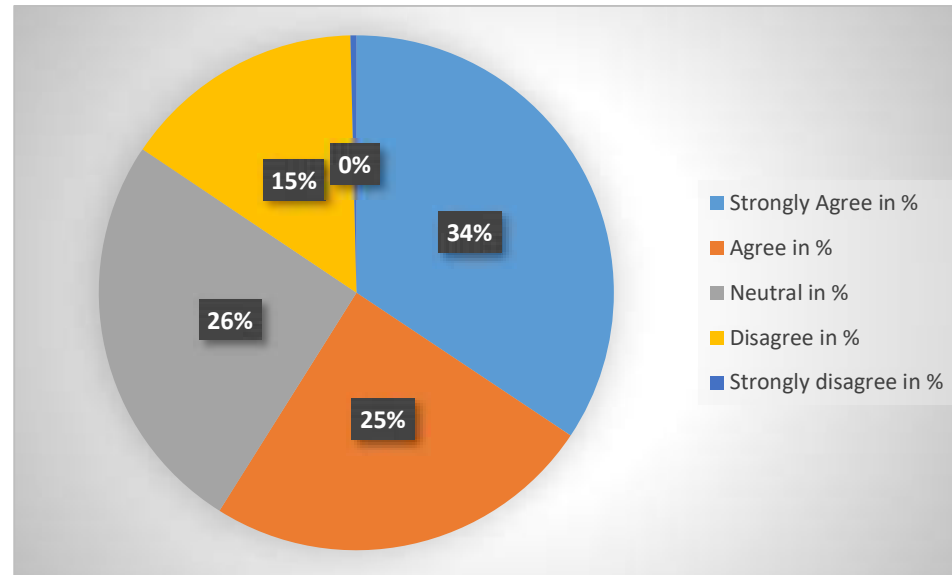
Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160401	Design & Analysis of Algorithm	4	Prof Abhishek Dixit	27.55	41.83	29.59	1.02	0
160402	Database Management System	4	Prof. Dheeraj Gurjar	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



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

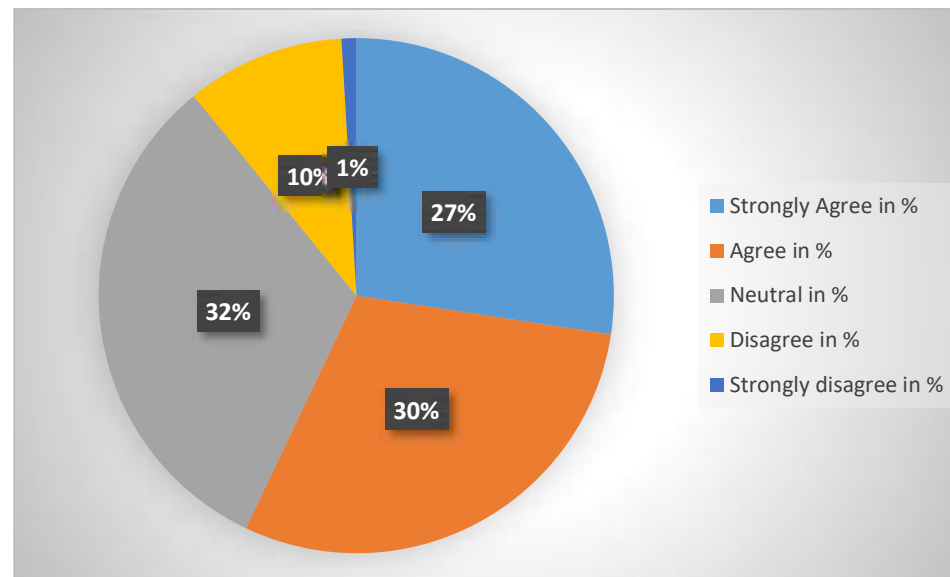
Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160611 (DE-1)	Network and web security	6	Prof. Santosh Sahu	35.71	7.14	7.14	50	0
160614 (DE-1)	Cloud Computing	6	Prof. Vikas Sejwar	35.55	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



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



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:

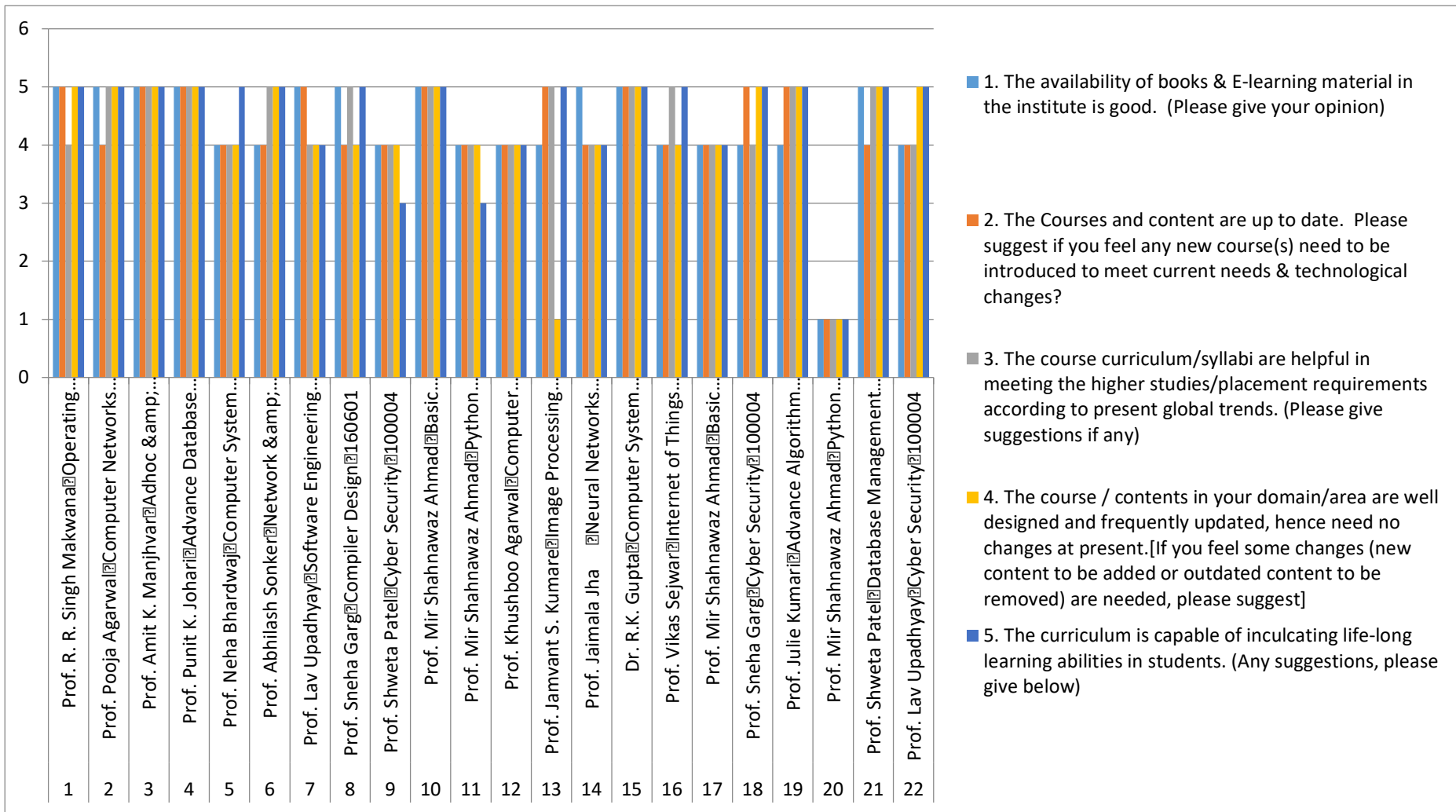
The institute is autonomous and follows the prescribed curriculum. Still, the respective subject teachers regarding suggestions on improvement of the syllabus take feedback on curriculum. We have received total 22 faculty feedback on the curriculum and analyzed as follows:

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

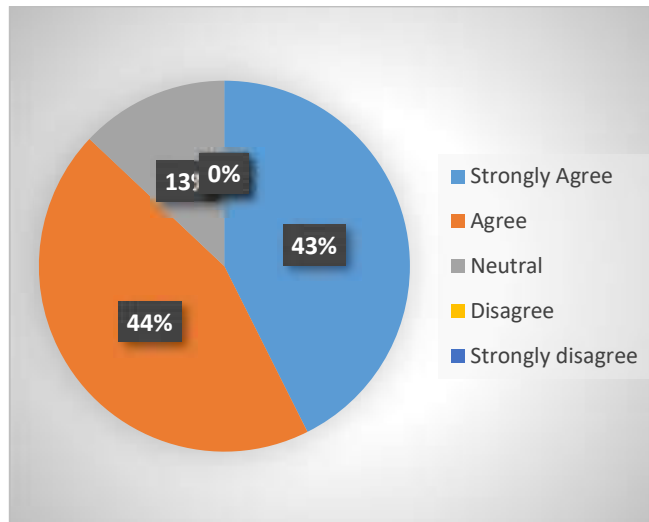
8	Prof. Sneha Garg Compiler Design 160601	5	4	5	4	5
9	Prof. Shweta Patel Cyber Security 100004	4	4	4	4	3
10	Prof. Mir Shahnawaz Ahmad Basic Computer Engineering 100203	5	5	5	5	5
11	Prof. Mir Shahnawaz Ahmad Python Programming 150605(b)	4	4	4	4	3
12	Prof. Khushboo Agarwal Computer Networks 150602	4	4	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

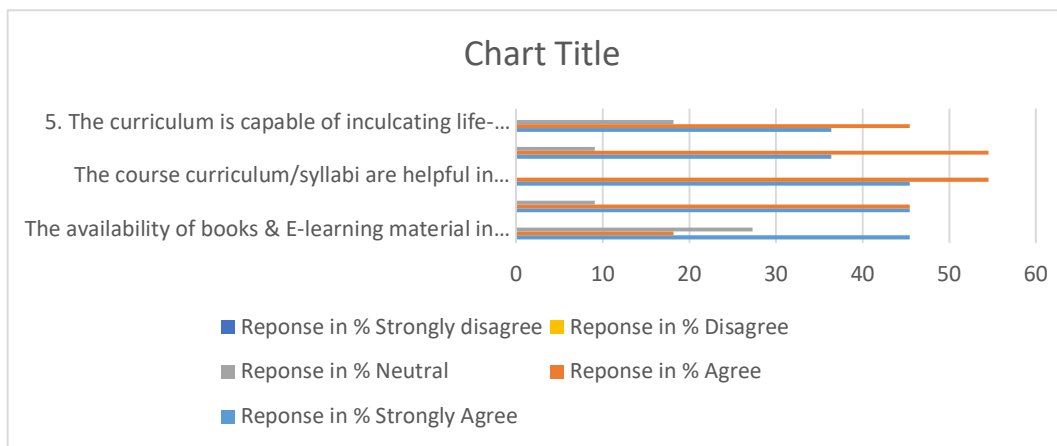
From the above analysis, it is observed that the 94% teachers rated the syllabus reflects current contents. 95% teachers say that the current syllabus is need based and the programmes outcomes, programmes specific outcomes and course outcomes of the syllabi is well defined. On an average 94% teachers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



December 2020 – March 2021:

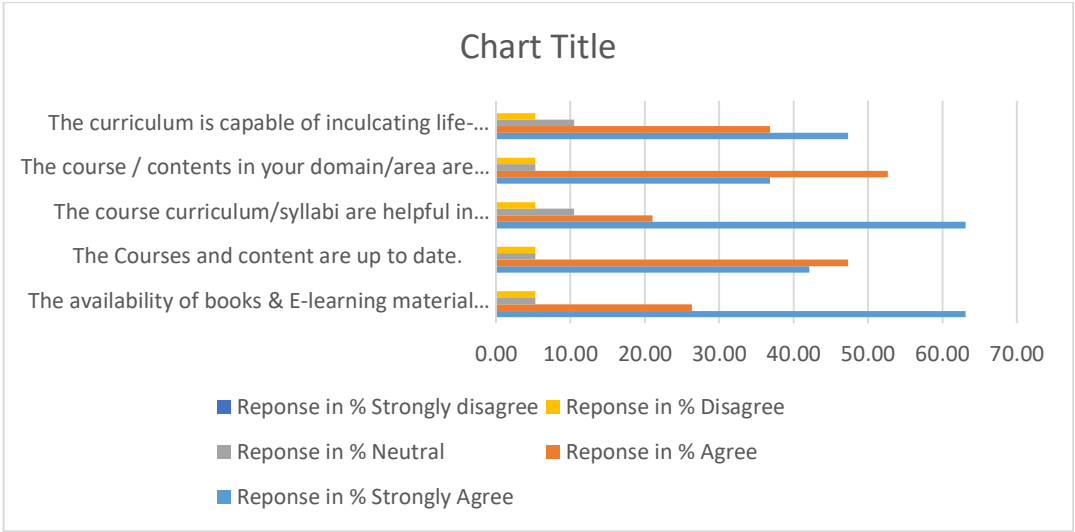
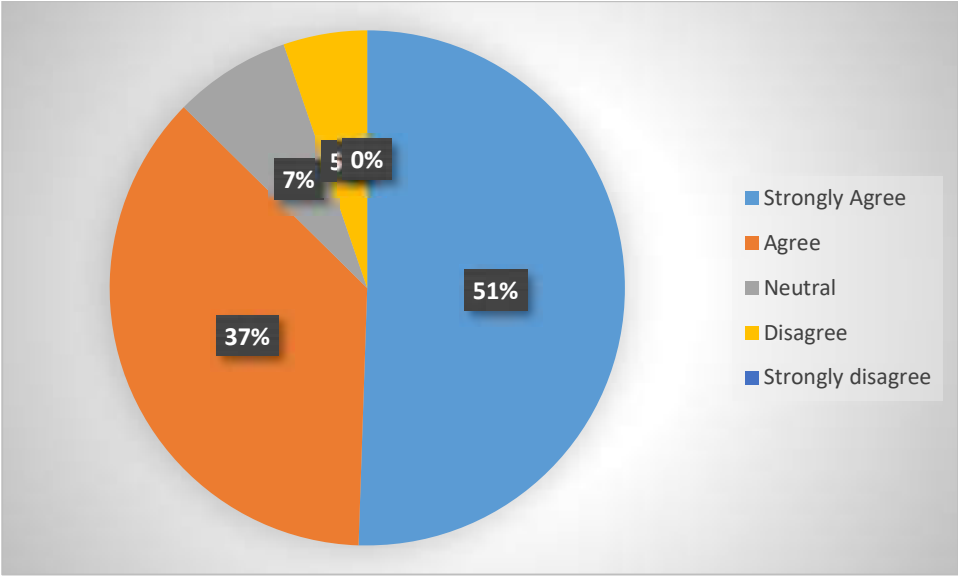
Q.No.	Curriculum Evaluation Point	Reponse in %				
		Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
1	The availability of books & E-learning material in the institute is good	45.45	18.18	27.27	0	0
2	The Courses and content are up to date.	45.45	45.45	9.09	0	0
3	The course curriculum/syllabi 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



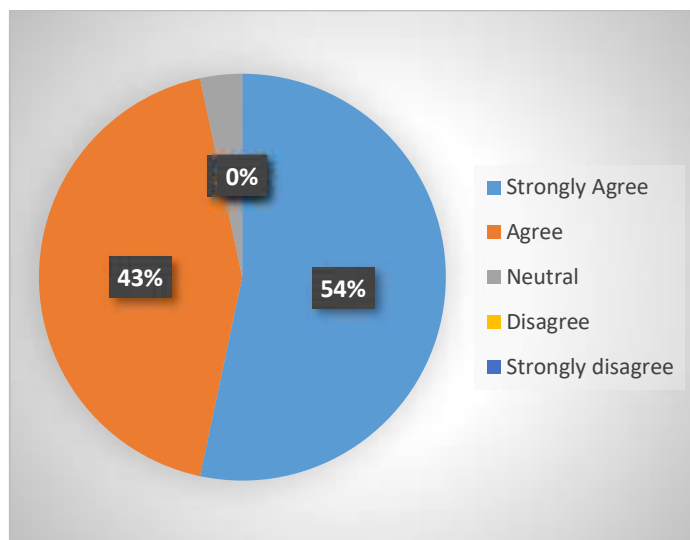


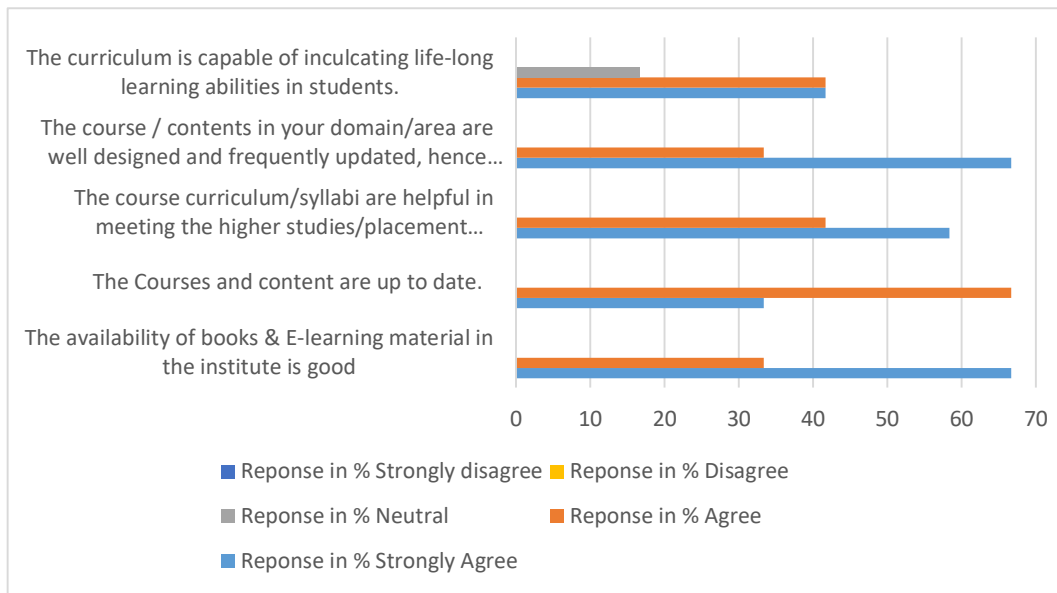
July – December 2020

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



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



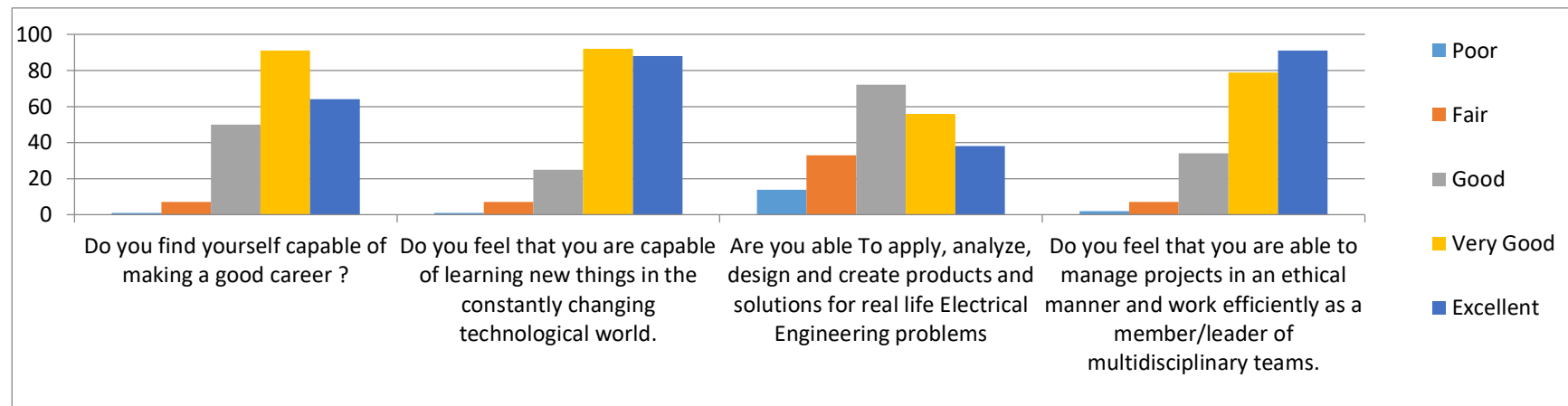


Alumni Feedback:

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)						

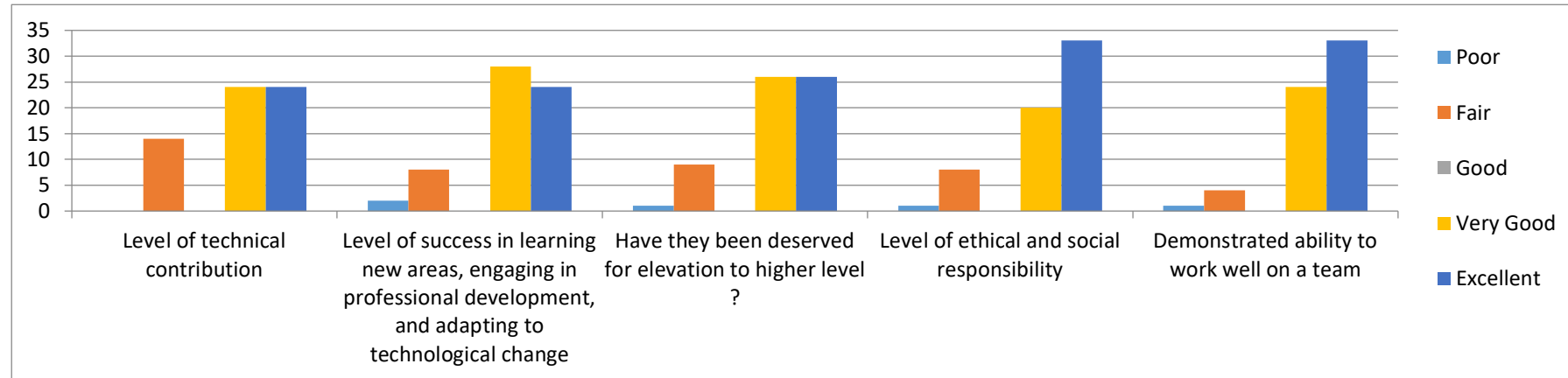


Employer Feedback:

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)						





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



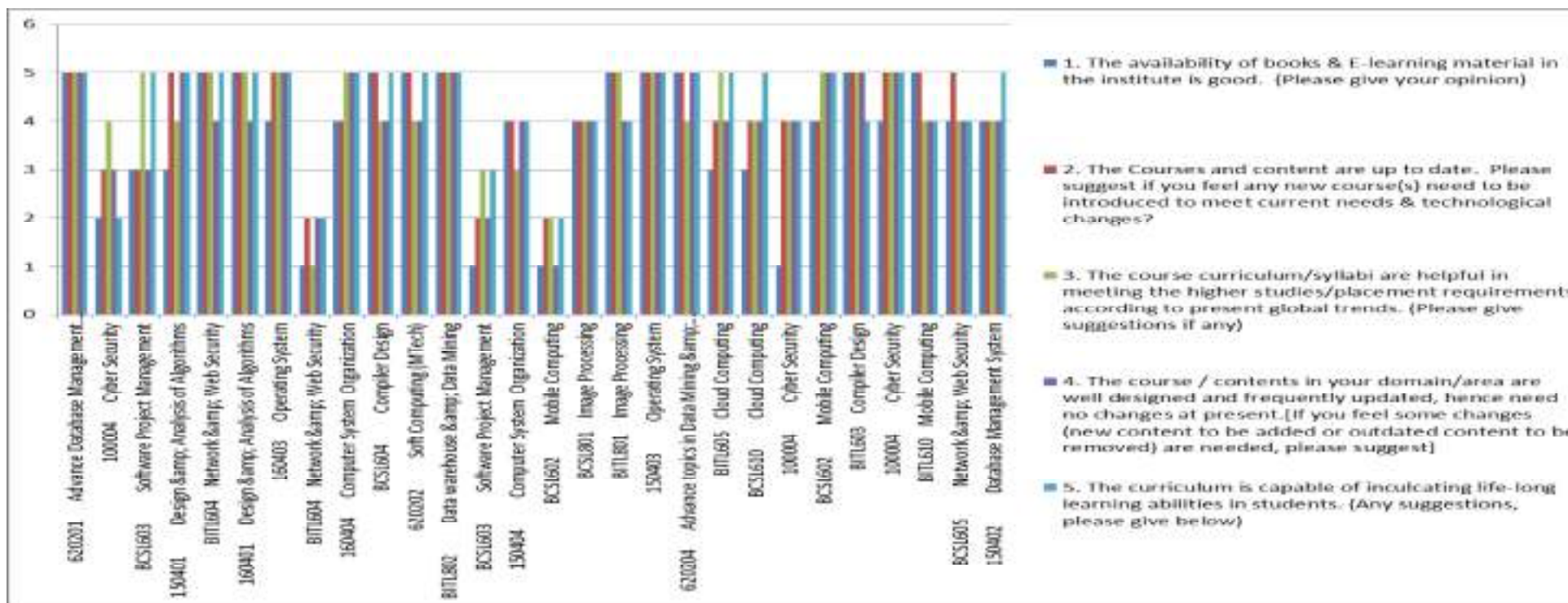
Department of CSE & IT

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



Department of CSE & IT

26	BITL610 Mobile Computing	5	5	4	4	4
27	BCSL605 Network & Web Security	4	5	4	4	4
28	150402 Database Management System	4	4	4	4	5





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

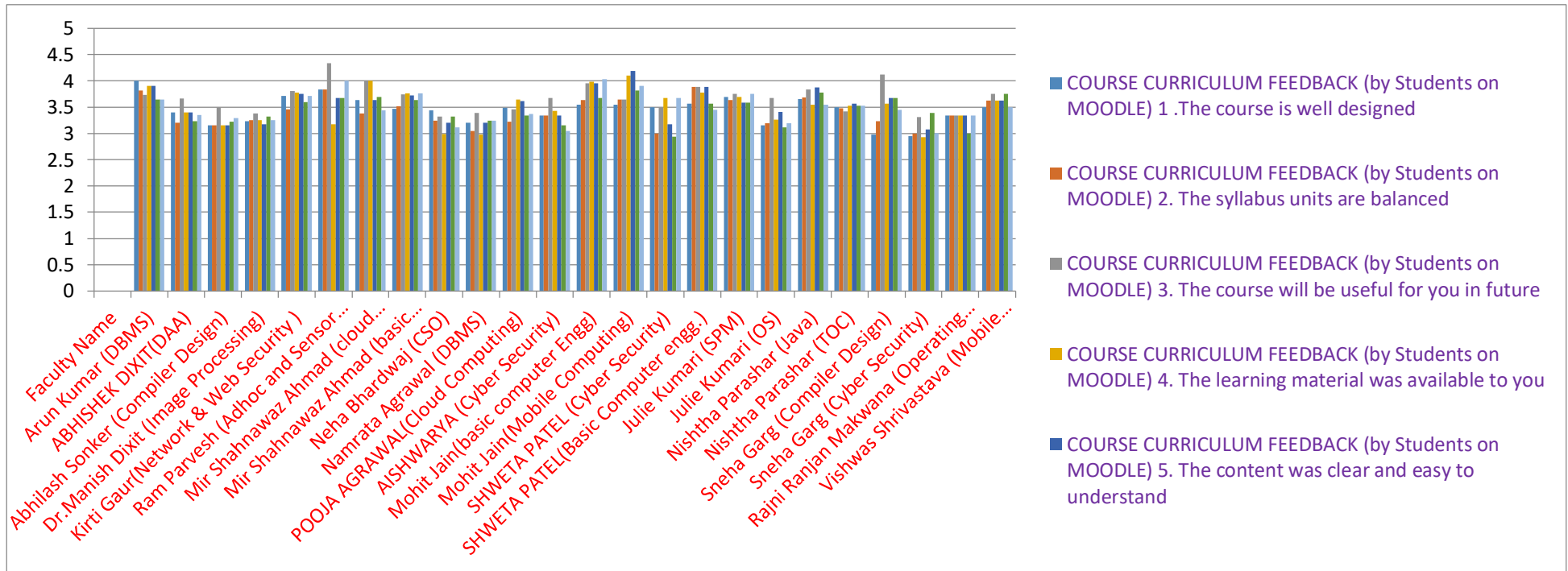
**Department of CSE & IT**

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



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



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

1. Course Curriculum Feedback by Teachers

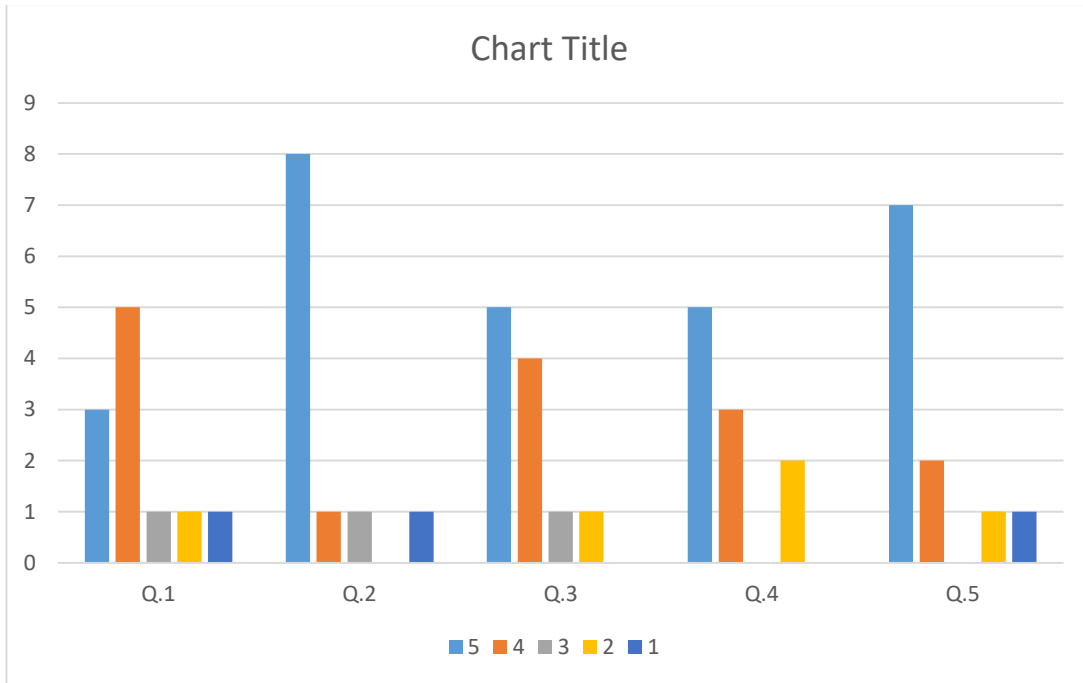
Following are the Actions Taken:

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)						



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

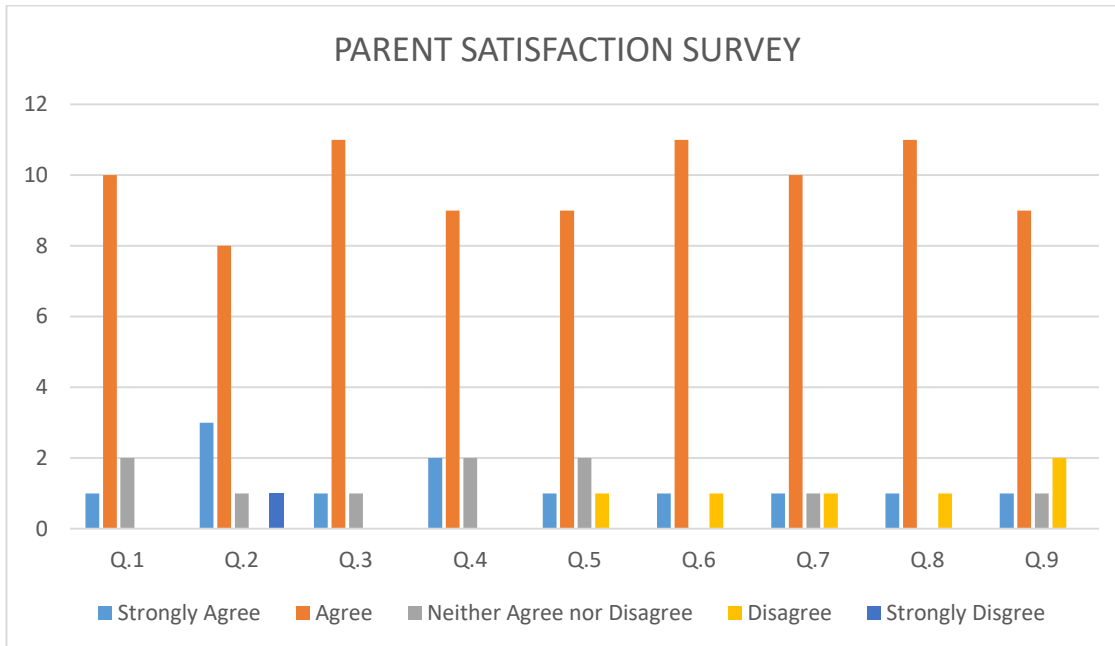
SURVEY

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
Parent's Satisfaction Index (ESI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Neither Agree/ Disagree, 2: Disagree, 1: Strongly Disagree)						

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DEPARTMENT OF ARCHITECTURE & PLANNING



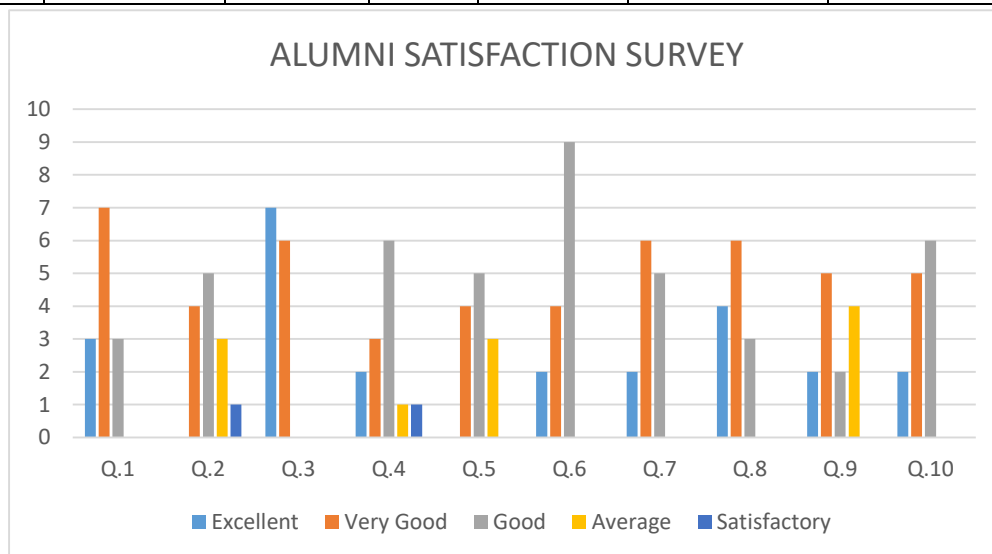
5.Alumni Satisfaction Survey

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						
Q.No.	Excellent	Very Good	Good	Average	Satisfactory	Analysis Index
1.	3	7	3	0	0	4.0
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
DEPARTMENT OF ARCHITECTURE & PLANNING

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.


Dr Anjali S Patil
Asso Professor & Head

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

1. Course Curriculum Feedback by Teachers

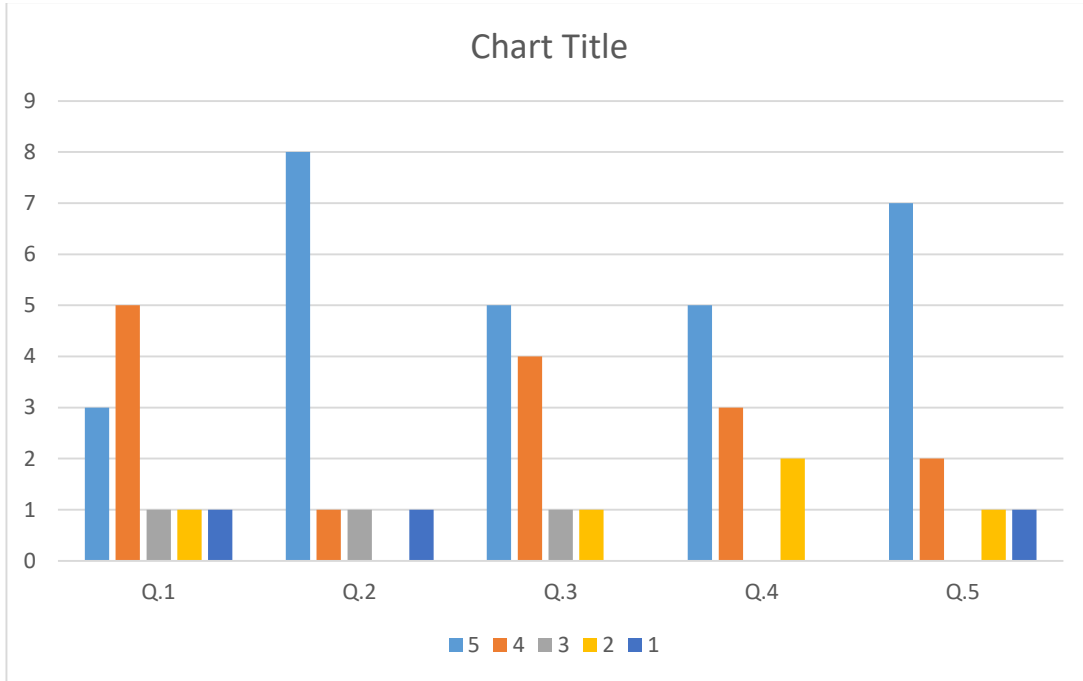
Following are the Actions Taken:

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)						



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

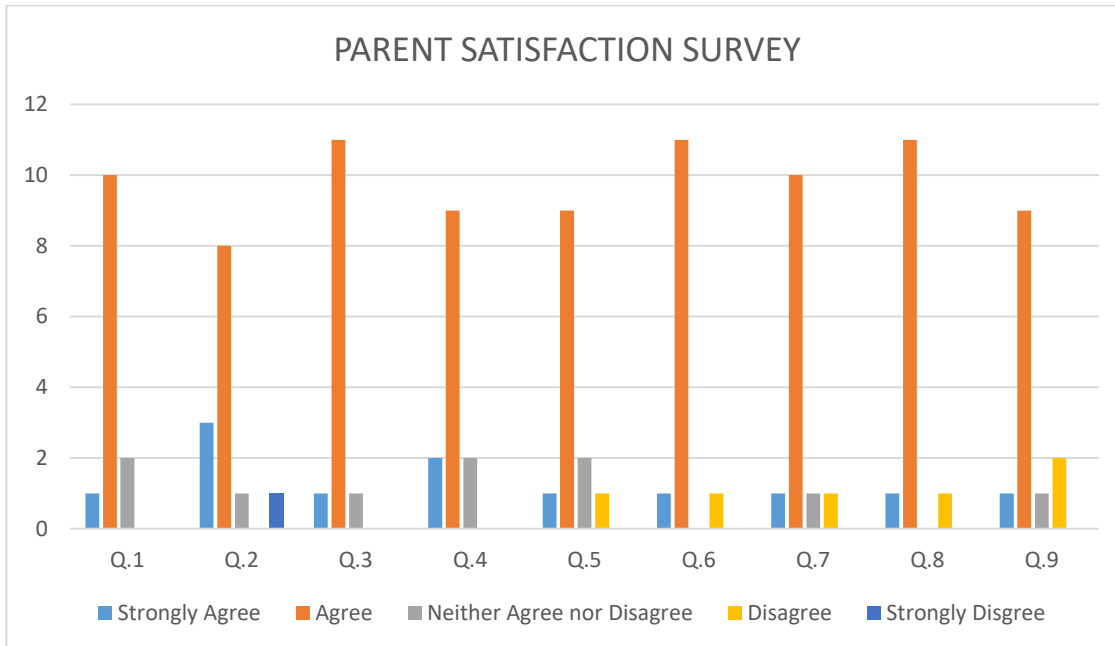
SURVEY

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
Parent's Satisfaction Index (ESI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Neither Agree/ Disagree, 2: Disagree, 1: Strongly Disagree)						

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DEPARTMENT OF ARCHITECTURE & PLANNING



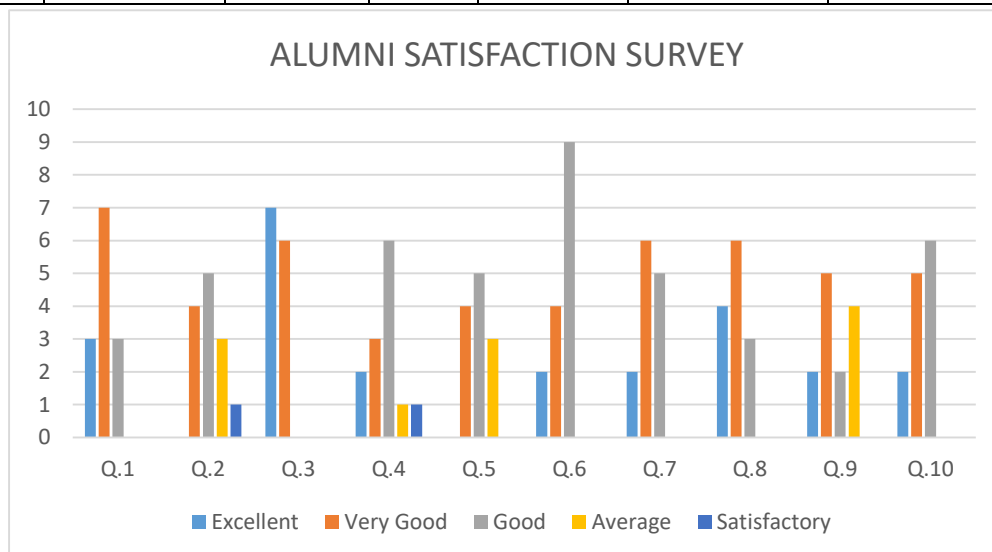
5.Alumni Satisfaction Survey

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						
Q.No.	Excellent	Very Good	Good	Average	Satisfactory	Analysis Index
1.	3	7	3	0	0	4.0
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



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DEPARTMENT OF ARCHITECTURE & PLANNING

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.


Dr Anjali S Patil
Asso Professor & Head

Department of Engineering Mathematics and Computing

Action Taken Report

on

Curriculum

by

(Students, Parents & Faculty)

(July- Sept. - 2021)

Department of Engineering Mathematics & Computing**Course Curriculum Feedback by Student (July- Sept. -2021)**

Subject & Code	Parameters of Curriculum
Mathematics- II (100001) Probability & Random Process (EE -250300) Probability & Random Process (IT -250300) Probability & Random Process (AIR -250300) Modelling And Analysis (MAC - 250301) Discrete Mathematical Structure (MAC- 250302) Data Structure & Algorithm (MAC-250304) Numerical Technique (MAC - 250305)	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

Course Curriculum Feedback Average & Level:

Subject & Code	Branch	Average	Level of Achievement
Mathematics- II (100001)	Mechanical Engineering	3.67263519	Good
	Automobile Engineering	3.53804304	Good
	Chemical Engineering	3.66814156	Good
	Electronic & Communication	3.86581417	Good
	Electronic & Telecommunication	3.62850867	Good
	Electrical Engineering	3.61079299	Good
	Civil Engineering	3.73567220	Good
	Information Technology	3.76987764	Good
	Computer Science Engineering	3.84538149	Good

Mathematics & Computing (MAC)	Simulation Modelling and Analysis Mac-250310	3.77611376	Good
	Discrete Mathematical Structures Mac-250302	3.71524693	Good
	Data Structures and Algorithms Mac-250304	3.60437466	Good
	Numerical Techniques Mac--250305	3.60702653	Good
Probability & Random Process (250300)	EE(IoT)- 250300	3.25	Good
	IT-250300	3.33	Good
	AIR-250300	3.45	Good

Action Taken Report Based on Curriculum

- Personality development, mock interview, group discussion and seminars were organized for the students.
- Organized special lectures for competitive examination.
- Students were appreciated for their outstanding work.
- Remedial classes were conducted for students.
- The issues raised by the students regarding curriculum redressed time to time.

Department of Engineering Mathematics & Computing

Course Curriculum Feedback by Faculty (July – Sept. 2021)

Subject & Code	Parameters of Curriculum
Mathematics- II (100001) & Probability & Random Process (250300) & Simulation Modelling and Analysis (250301) & Discrete Mathematical Structures(250302) & Data Structures and Algorithms (250304) & Numerical Techniques (250305)	The availability of books & E-learning material in the institute is good. (Please give your opinion)
	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. (Please give suggestions if any)
	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
	The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

➤ **Course Curriculum Feedback Average & Level:**

Subject & Code	Mathematics - II (100001)	Probability & Random Process (250300)	Simulation Modelling and Analysis (250301)	Discrete Mathematical Structures(250302)	Data Structures and Algorithms (250304)	Numerical Techniques (250305)
Average	4.8333333	4.6666667	5	4.666666667	4.6666667	4.6666667
Level	V Good	V Good	V Good	V Good	V Good	V Good

Action Taken Report Based on Curriculum

- All faculty members have reviewed the suggestions given by academic audit team.
- Two day training program on Python programming for teaching staff to develop programme skill was organized.
- The department has incorporated the method of Best Practices in order to cater to critical thinking and innovative thought process.
- All the faculty members have implemented the use of ICT enabled teaching-learning methods to promote active learning environment.

Department of Engineering Mathematics & Computing**Parents Satisfactory Survey of MAC (July- Sept. -2021)**

Subject & Code	Parameters of Curriculum
Mathematics- II (100001)	Strongly disagree
& Probability & Random Process (250300)	Disagree
& Simulation Modelling and Analysis (250301)	Neither agree nor disagree
& Discrete Mathematical Structures(250302)	Agree
& Data Structures and Algorithms (250304)	Strongly agree
& Numerical Techniques (250305)	

Parent Satisfaction Index & Level

Subject & Code	Mathematics-II (100001)	Probability & Random Process (250300)	Simulation Modelling and Analysis (250301)	Discrete Mathematical Structures(250302)	Data Structures and Algorithms (250304)	Numerical Techniques (250305)
Average	4.2358	3.2024	3.917	4.1664	4.111	4.3534
Level	V. Good	Good	Good	V. Good	V. Good	V. Good

Action Taken Report Based on Curriculum

With respect to the feedback taken from stakeholders for the session July- Sept. -2021, the following points have been observed:

- The overall satisfaction Index is at par with the courses being run in the department.
- It is felt that the course content is updated in terms of employability and developing an industrial connect with students.



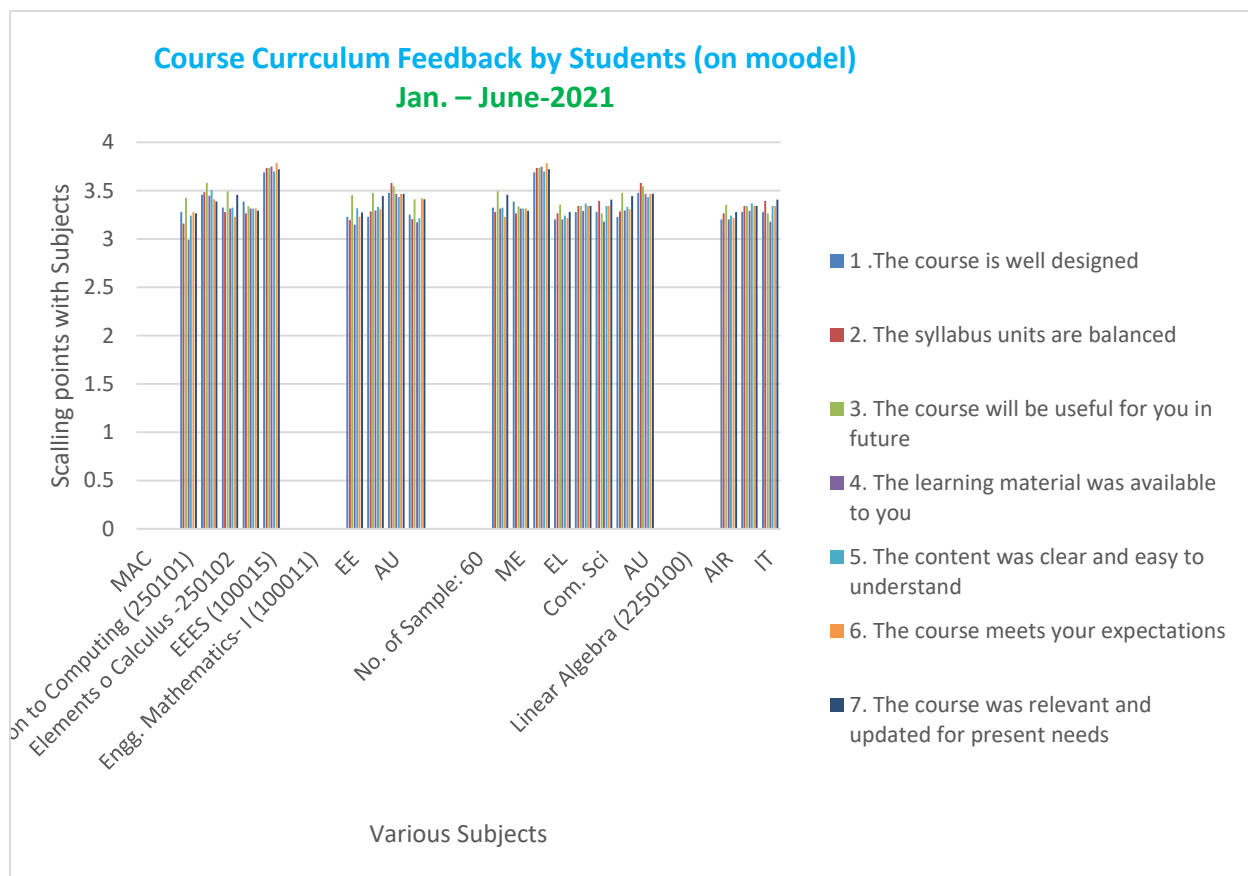
Dr. J. K. Muthale
(OBE- Coordinator)



Dr. Vikas Shinde
(Professor and Head)

Department of Engineering Mathematics & Computing

Course Curriculum Feedback by Student (Jan. – June-2021)



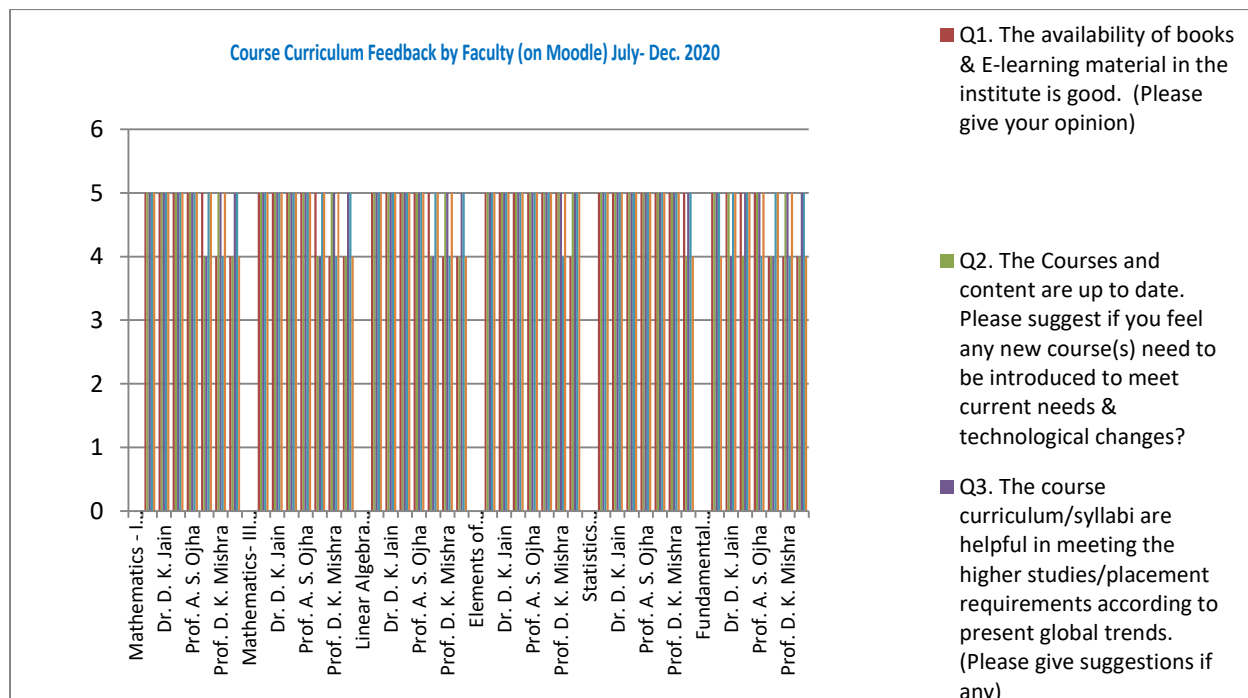
Subject & Code	Parameters of Curriculum
Introduction to Computing (250101) Introduction to Computer Programming (250102/230102) Statistical Techniques (250103) Element of Calculus (250104) Energy, Ecology, Environment & Society (100015) & Linear Algebra (250100) & Mathematics- I (100011) & Mathematics- III (100003)	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

Course Curriculum Feedback Average & Level:

MAC	250101	250102/ 230102	250103	250204	100015
Average	3.23	3.47	3.32	3.35	3.73
Label	Good	Good	Good	Good	Good
Mathematics- III (100003)	CsE	CE	ME	EE	EL
Average	3.31	3.35	3.32	3.75	3.25
Label	Good	Good	Good	Good	Good
Mathematics- I (100011)		EE	ME	AU	CE
Average		3.26	3.34	3.49	3.30
Label		Good	Good	Good	Good
Linear Algebra – (250100)			AIR	IT	EE
Average			3.25	3.31	3.33
Label			Good	Good	Good

Department of Engineering Mathematics & Computing

Course Curriculum Feedback by Faculty (Jan. – June-2021)



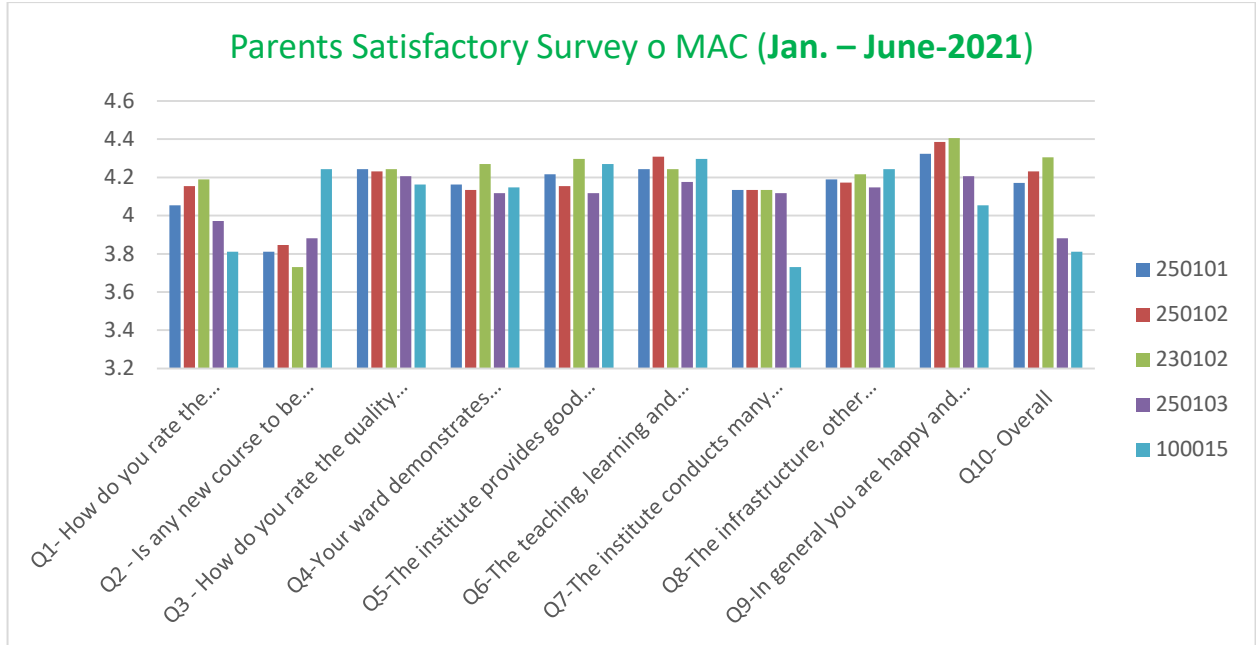
Subject & Code	Parameters of Curriculum
Mathematics- I (100011) & Mathematics- III (100003) & Linear Algebra (250100) & Element of Calculus (250102) & Statistical Techniques (250103) & Fundamental Computing (680111)	Q1. The availability of books & E-learning material in the institute is good. (Please 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
	Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)

➤ Course Curriculum Feedback Average & Level:

Subject & Code	Mathematics - I (100011)	Mathematics- III (100003)	Linear Algebra (250100)	Elements of Calculus (250102)	Statistics Techniques (250104)	Fundamental Computing (680111)
Average	4.8	4.8	4.8	4.9	4.9	4.6
Level	V Good	V Good	V Good	V Good	V Good	V Good

Department of Engineering Mathematics & Computing

Parents Satisfactory Survey (Jan. – June-2021)



Feedback Points and Satisfactory Index with Level

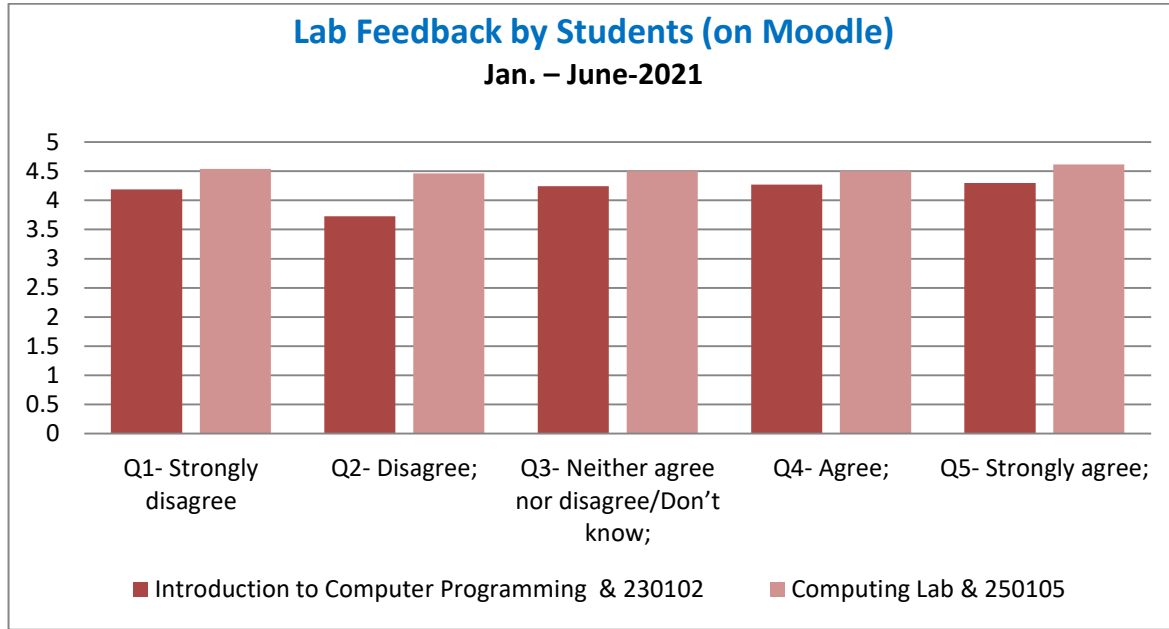
- Strongly disagree (दृढ़तापूर्वक असहमत)
- Disagree (असहमत)
- Neither agree nor disagree (न तो इस बात से सहमत है और न ही असहमत)
- Agree (सहमत)
- Strongly agree (दृढ़तापूर्वक सहमत)

Parent Satisfaction Index & Level

4.0358	3.9024	4.217	4.1664	4.211	4.2534	4.0506	4.1936	4.2748	4.0802
V. Good	Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good

Department of Engineering Mathematics & Computing

Lab Feedback by Students (on Moodle) Jan. – June-2021



Feedback Points and Satisfactory Index with Level

- Strongly disagree (दृढ़तापूर्वक असहमत)
- Disagree (असहमत)
- Neither agree nor disagree (न तो इस बात से सहमत है और न ही असहमत)
- Agree (सहमत)
- Strongly agree (दृढ़तापूर्वक सहमत)

Parent Satisfaction Index & Level

4.364	4.096	4.3715	4.385	4.456
V. Good	V. Good	V. Good	V. Good	V. Good

J. K. Muthele
Dr. J. K. Muthele
(OBE- Coordinator)

V. Shinde
Dr. Vikas Shinde
(Professor and Head)

Department of Engineering Mathematics & Computing

Course Curriculum Feedback by Students (July- Dec.-2020)

Subject & Code	Parameters of Curriculum
Mathematics- I (100011)	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
Mathematics- III(100003)	
Linear Algebra (250100)	
Introduction to Computing program (250102)	
Element of Calculus (250104)	
Probability & Random Process (250106)	
Modeling And Analysis (250301)	
Discrete Mathematical Structure (250302)	
Data Structure & Algorithm (250303)	
Numerical technique (250305)	
Probability & Random Process (250300)	
Fundamental Computing (680111)	

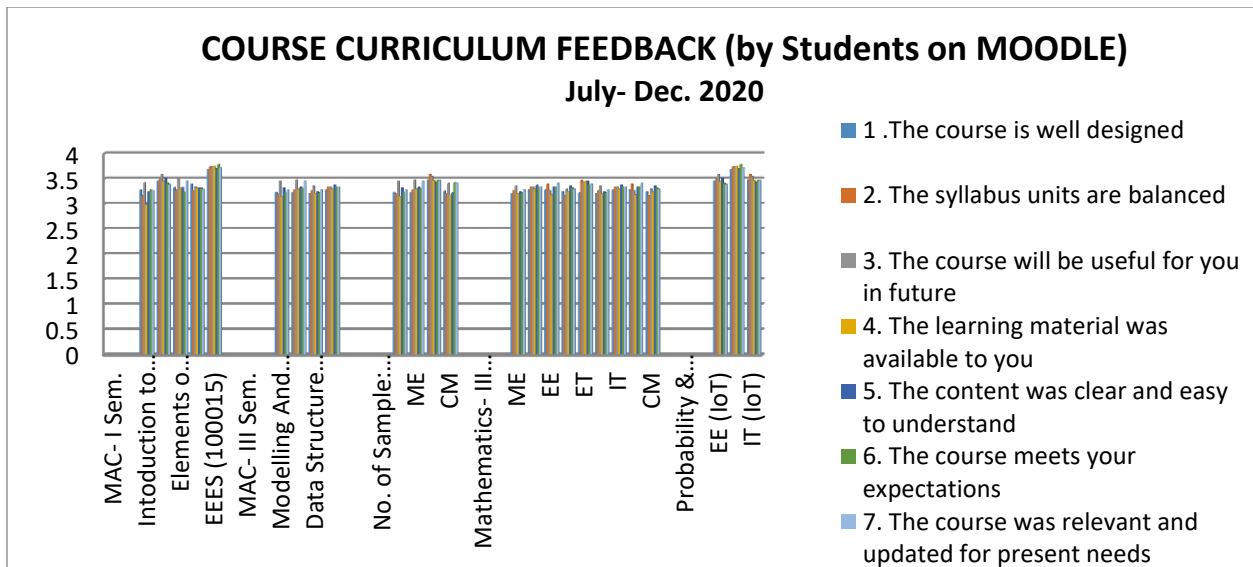
Course Curriculum Feedback Average & Level:

S. No.	Subject & Code	Performance Average	Level
1	CE/ME/EE/AU - Mathematics - I (100011)	3.35	Very Good
2	Mathematics- III (100003)	3.30	Very Good
3	Intoduction to Computing (250101)	3.23	Very Good
4	Introduction to Computing program (250102)	3.47	Very Good
5	Elementary Calculus 250104	3.35	Very Good

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6	Probability & Random Process (250106)	3.32	Very Good
7	Modelling And Analysis (250301)	3.26	Very Good
8	Discrete Mathematical Structure (250302)	3.34	Very Good
9	Data Structure & Algorithm (250303)	3.25	Very Good
10	Numerical technique (250305)	3.33	Very Good
11	Probability & Random Process (250300)	3.56	Very Good



(Signature)
Dr. J. K. Mutele
(OBE- Coordinator)

(Signature)
Dr. Vikas Shinde
(Professor and Head)

Department of Engineering Mathematics & Computing

Course Curriculum Feedback by Faculty (July- Dec.-2020)

Subject & Code	Parameters of Curriculum
Mathematics- I (100011)	<p>Q1. The availability of books & E-learning material in the institute is good. (Please give your opinion)</p> <p>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?</p> <p>Q3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)</p> <p>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</p> <p>Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)</p>
Mathematics- III(100003)	
Linear Algebra (250100)	
Introduction to Computing program (250102)	
Element of Calculus (250104)	
Probability & Random Process (250106)	
Modeling And Analysis (250301)	
Discrete Mathematical Structure (250302)	
Data Structure & Algorithm (250303)	
Numerical technique (250305)	
Probability & Random Process (250300)	
Fundamental Computing (680111)	

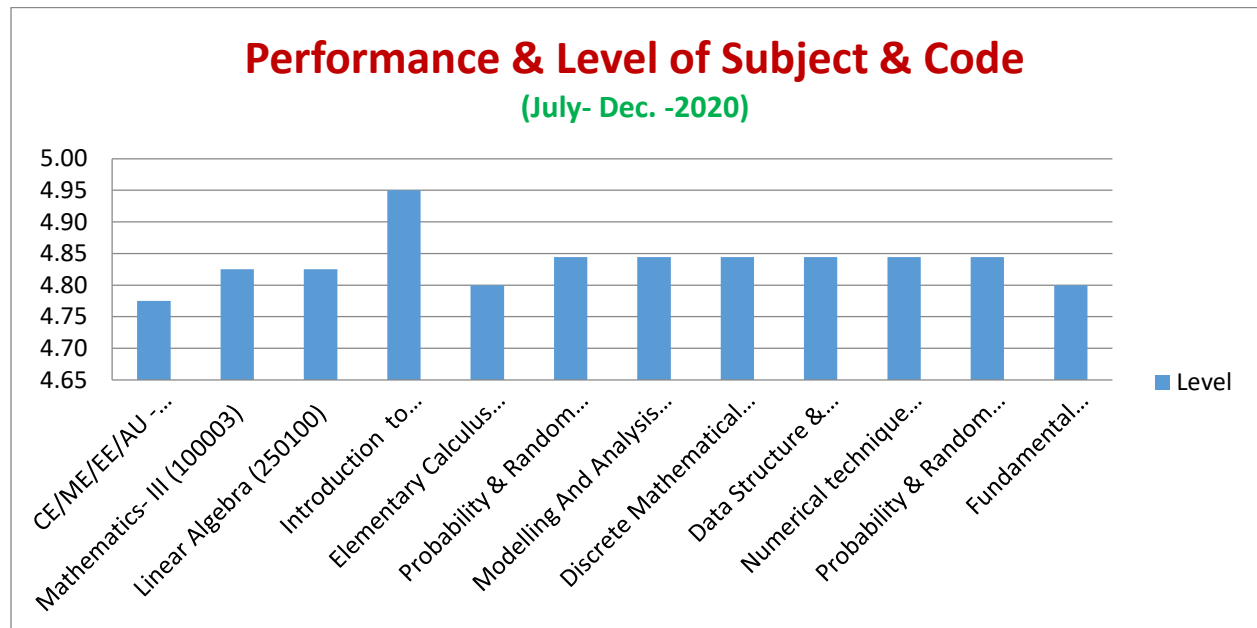
Course Curriculum Feedback Average & Level:

S. No.	Subject & Code	Performance Average	Level
1	CE/ME/EE/AU - Mathematics - I (100011)	4.78	Very Good
2	Mathematics- III (100003)	4.83	Very Good
3	Linear Algebra (250100)	4.83	Very Good
4	Introduction to Computing program (250102)	4.95	Excellent
5	Elementary Calculus 250104	4.80	Very Good
6	Probability & Random Process (250106)	4.84	Very Good

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7	Modelling And Analysis (250301)	4.84	Very Good
8	Discrete Mathematical Structure (250302)	4.84	Very Good
9	Data Structure & Algorithm (250303)	4.84	Very Good
10	Numerical technique (250305)	4.84	Very Good
11	Probability & Random Process (250300)	4.84	Very Good
12	Fundamental Computing (680111)	4.80	Very Good



J. K. Mutele
Dr. J. K. Mutele
(OBE- Coordinator)

V. Shinde
Dr. Vikas Shinde
(Professor and Head)

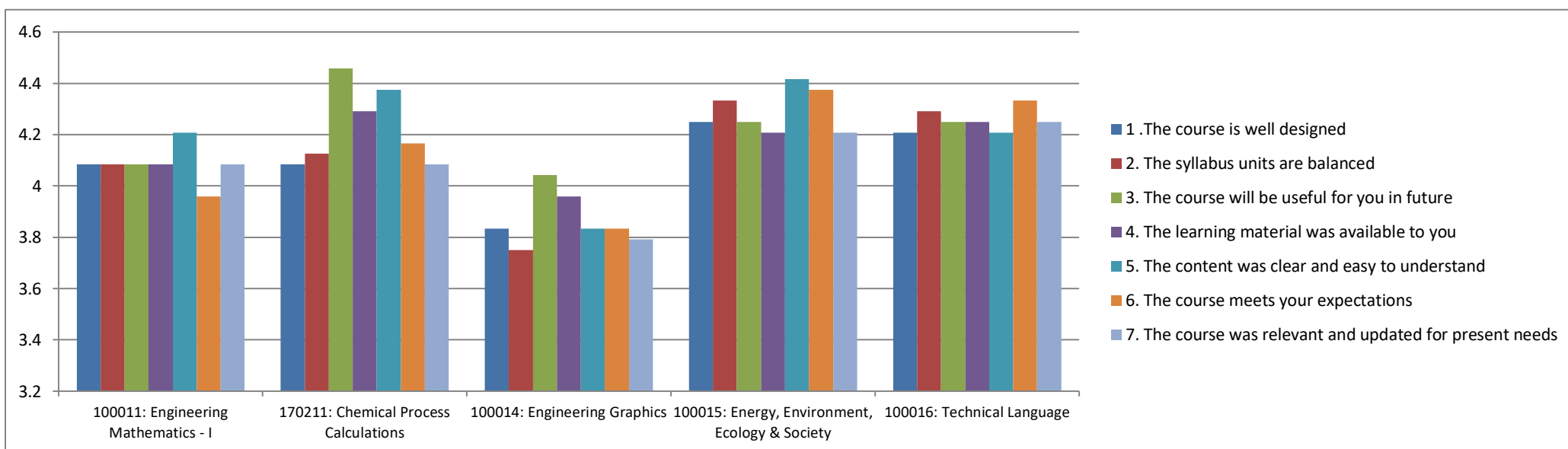
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Students Feedback on Course Curriculum

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



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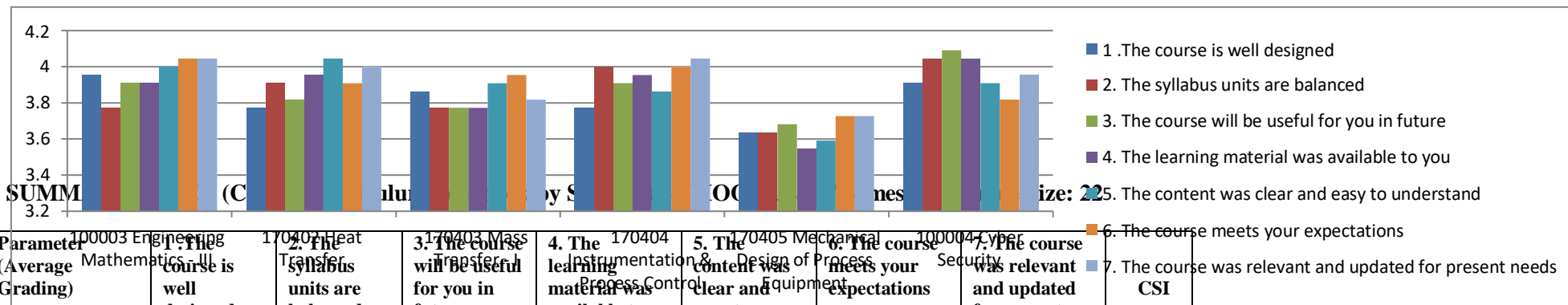
SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) 4th Semester, Sample Size: 22

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

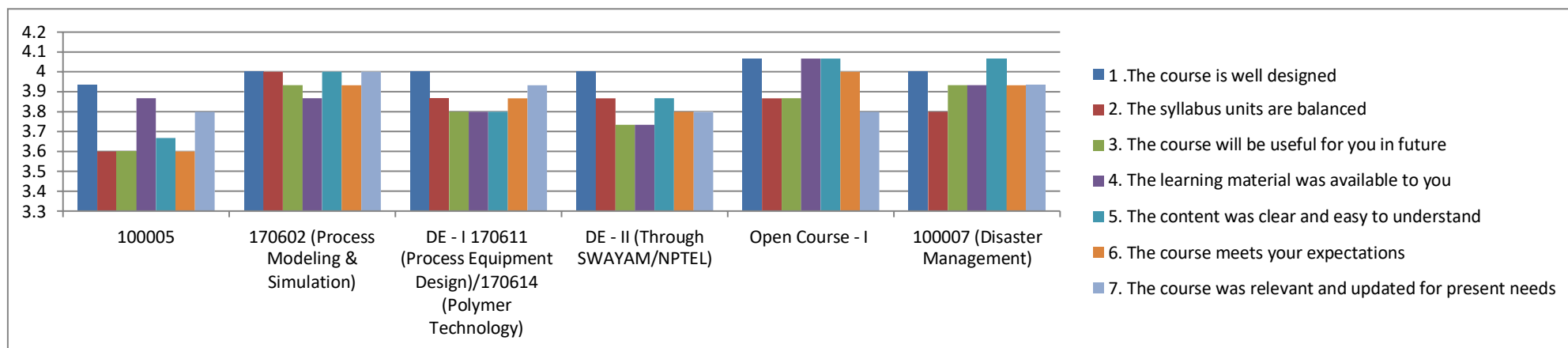


Parameter (Average Grading)	100003 Engineering Mathematics - III	170402 Heat Transfer	170403 Mass Transfer - I	170404 Instrumentation & Process Control	170405 Mechanical Design of Process Equipment	100004 Cyber Security	CSI	
1. The course is well designed	3.95	3.77	3.90	3.90	4	4.04	3.95	
2. The syllabus units are balanced	3.77	3.90	3.81	3.95	4.04	3.90	3.92	
3. The course will be useful for you in future	3.86	3.77	3.77	3.77	3.90	3.95	3.84	
4. The learning material was available to you	3.77	4	3.90	3.95	3.86	4	3.93	
5. The content was clear and easy to understand	3.63	3.63	3.68	3.54	3.59	3.72	3.65	
6. The course meets your expectations	3.90	4.04	4.09	4.04	3.90	3.81	3.97	
7. The course was relevant and updated for present needs	3.90	4.04	4.09	4.04	3.90	3.81	3.97	
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								3.95

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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

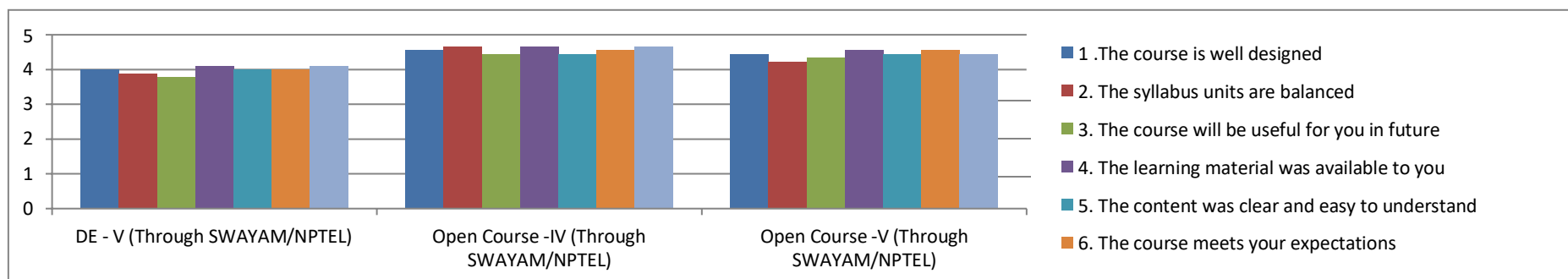
Parameter (Average Grading)	1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and 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)								

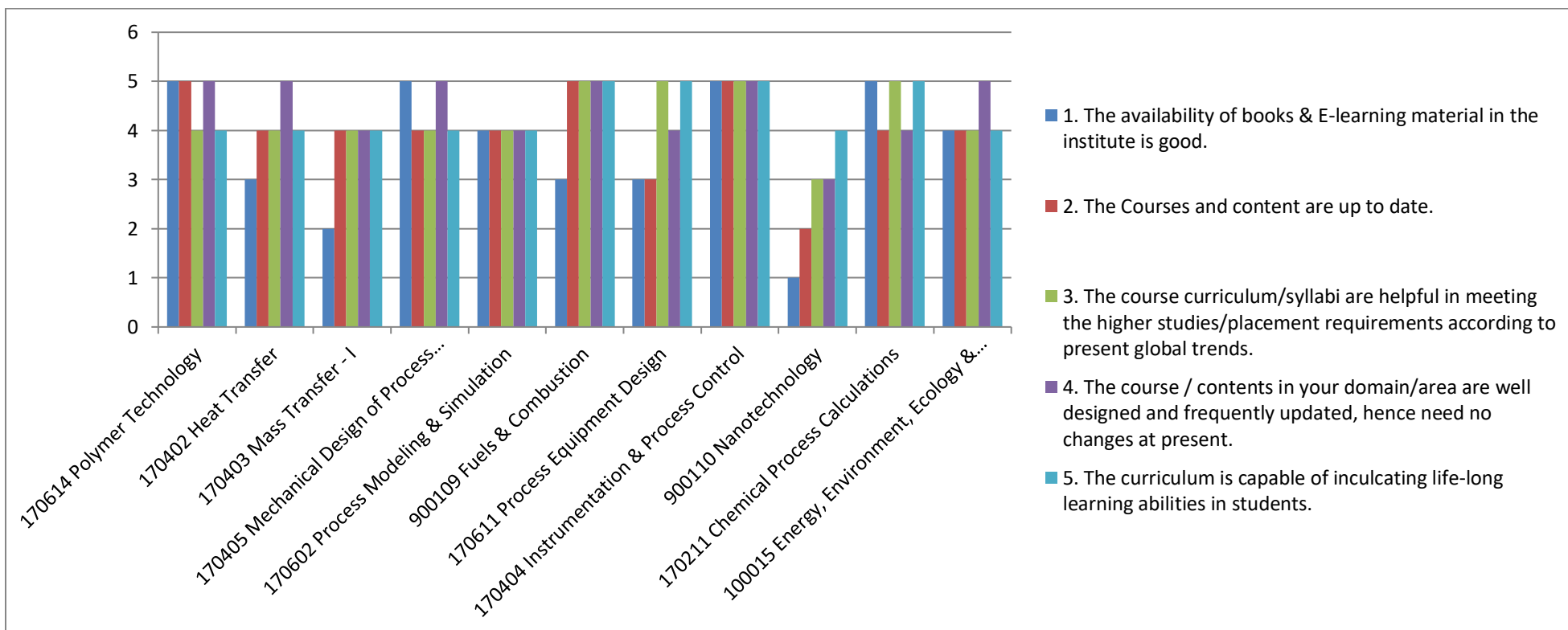
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Faculty Feedback on Course Curriculum

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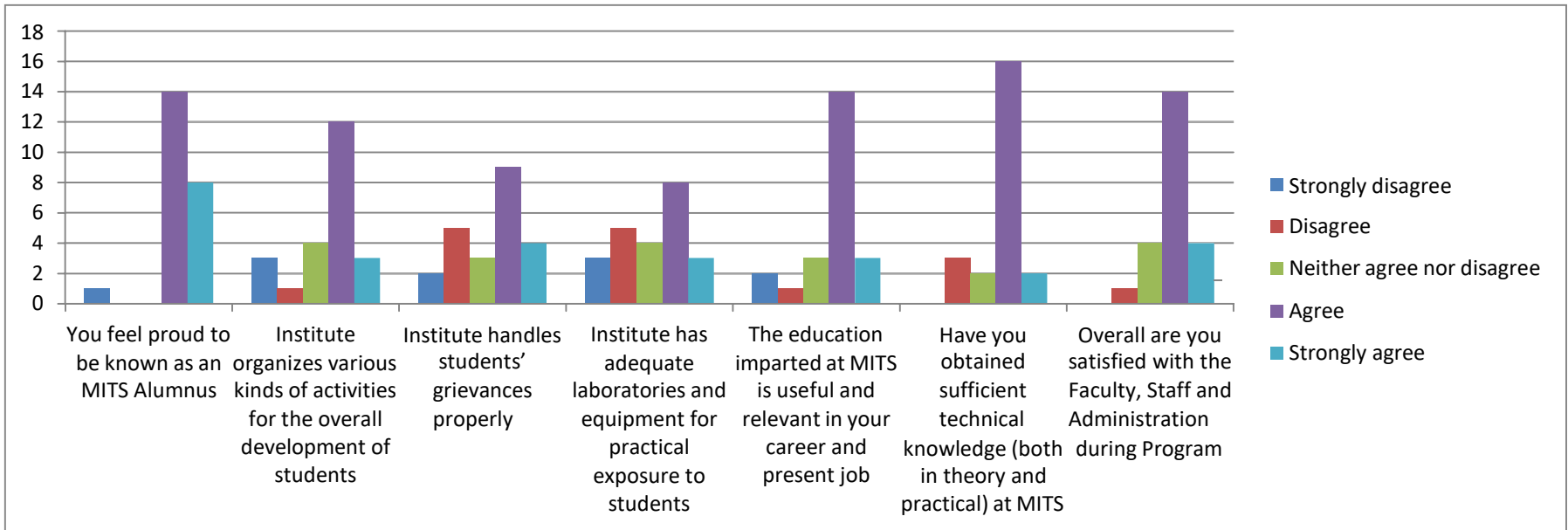
SUMMARY SHEET (Teachers Course Curriculum Feedback by Teacher on MOODLE)

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)					

Alumni Feedback

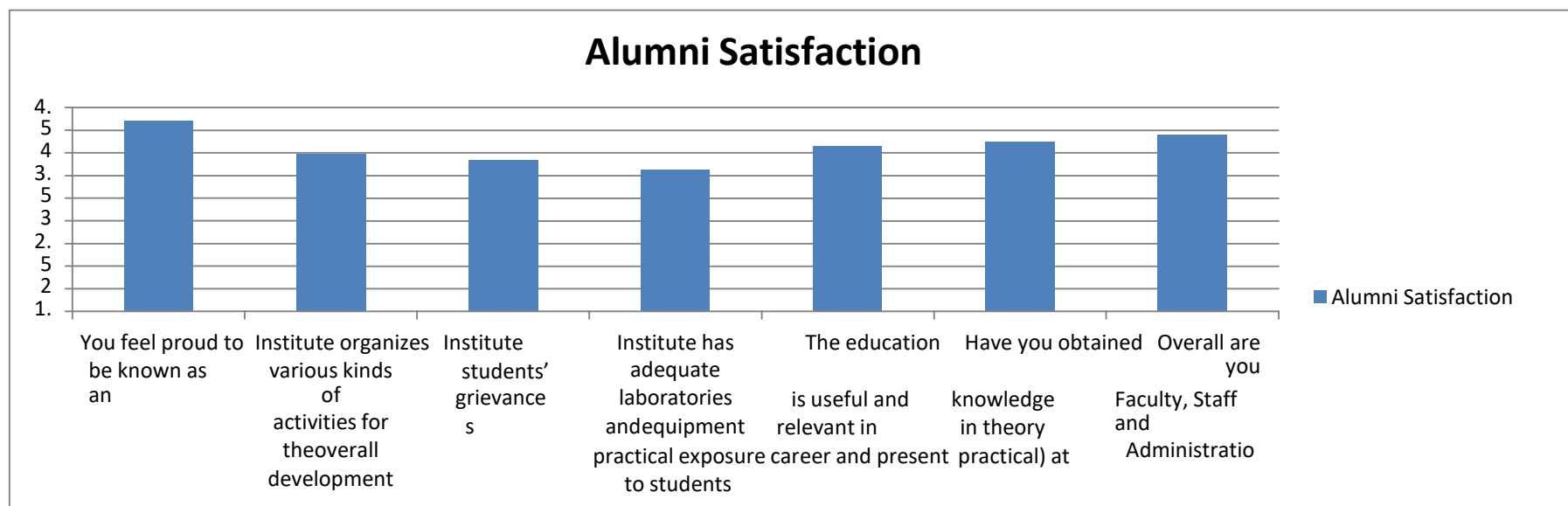
S. No.	Comments	Action Taken
1	Revision of syllabus is required	Already discussed and changed in BoS accordingly
2	Need to particularly focus on practical application rather than teaching theories.	All the faculty members have been instructed to discuss the theory with some practical applications in 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



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

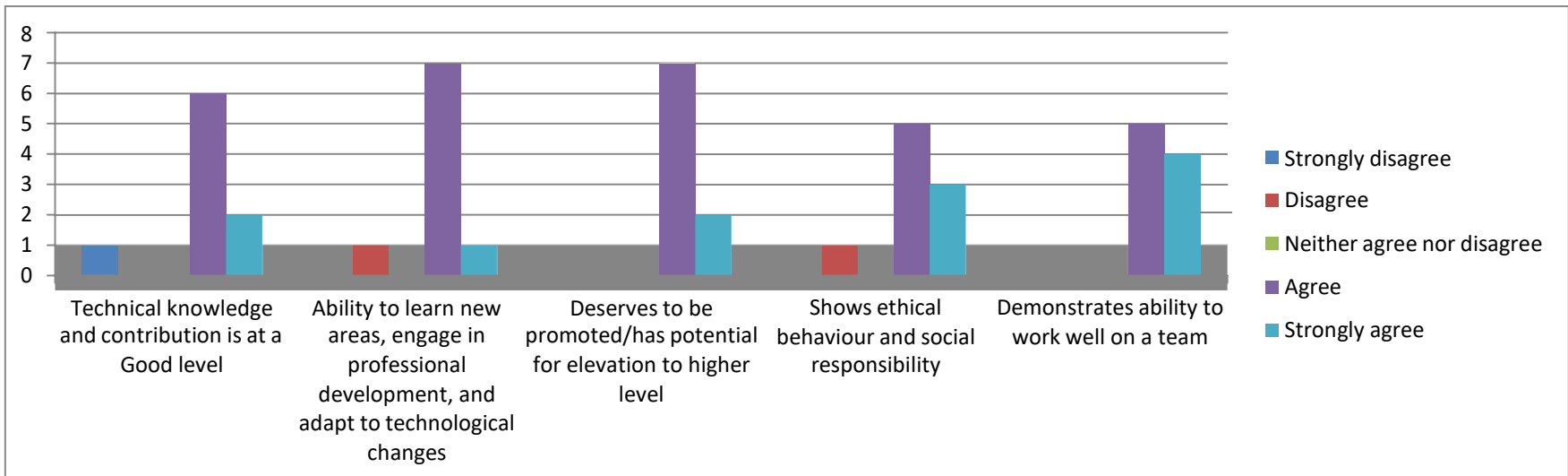
S. No.	Name	Organization	Mail id	Phone No.
1.	Udit Singh Rajput	Pulsus Healthcare Pvt. Ltd.	rajputudit25sep@gmail.com	7999886247
2.	Kakul Joshi	DCM Shriram Rayons	skakul374@gmail.com	8109860434
3.	Vivek Singh	Lupin Limited	Vivek.singh0797@gmail.com	8153043120
4.	Sourabh Kumar	GACL-NALCO Alkalies And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

	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 Galleon 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

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



SUMMARY SHEET (Employer Satisfaction Survey) Sample Size: 09

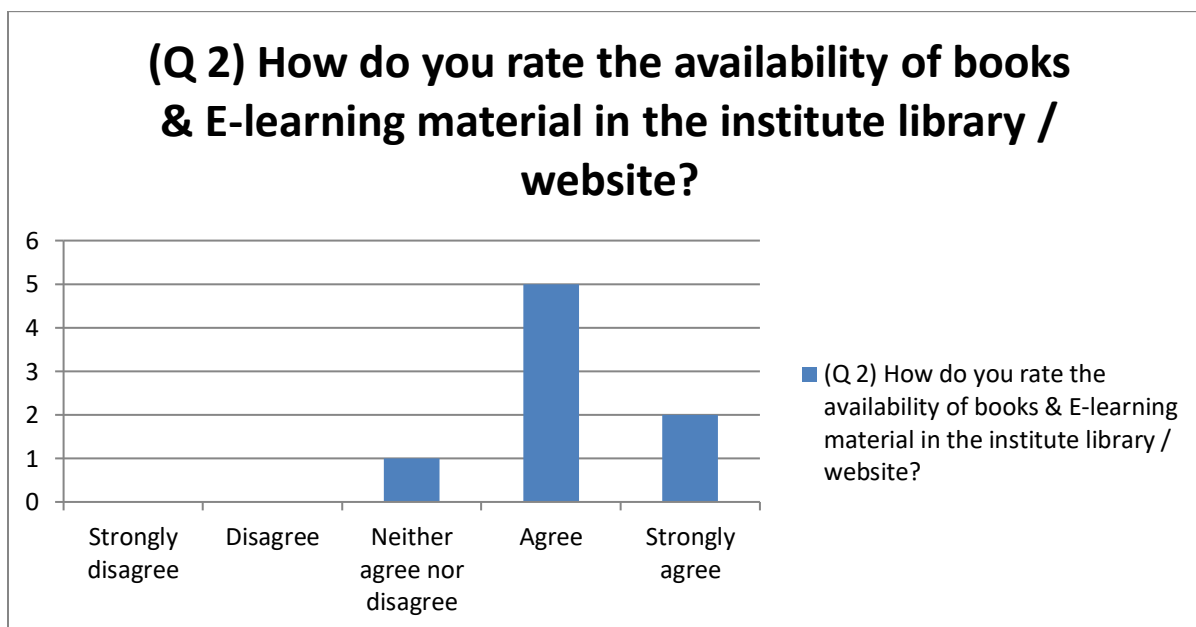
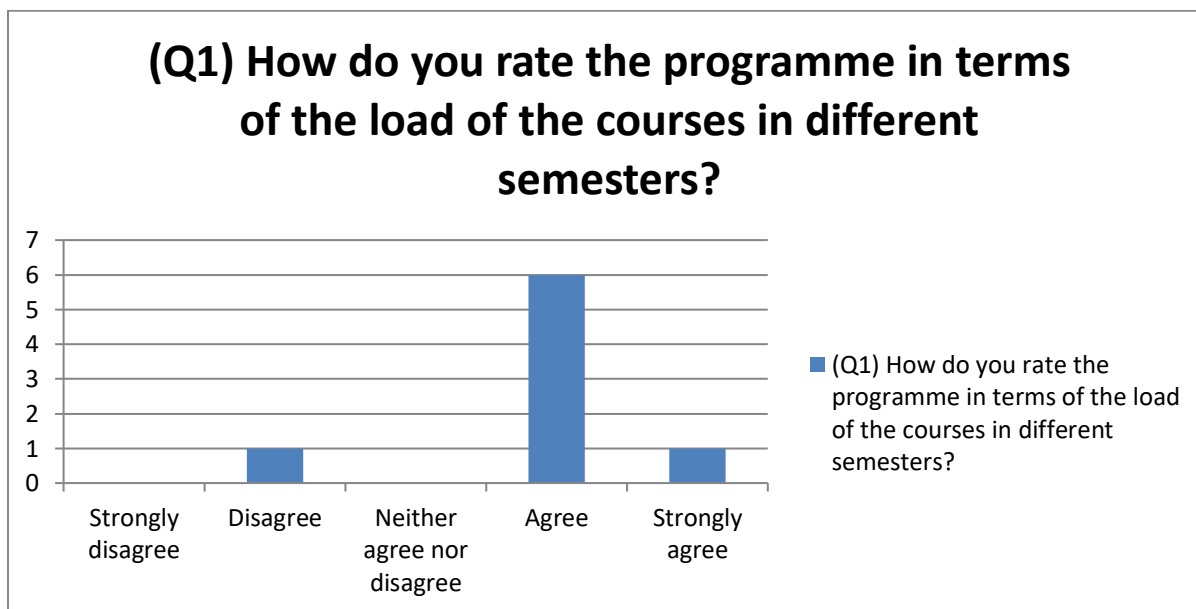
Parameter (Average grading)	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Employer Satisfaction Index
Technical knowledge and contribution is at a Good level	1	0	0	6	2	3.89
Ability to learn new areas, engage in professional development, and adapt to technological changes	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)						

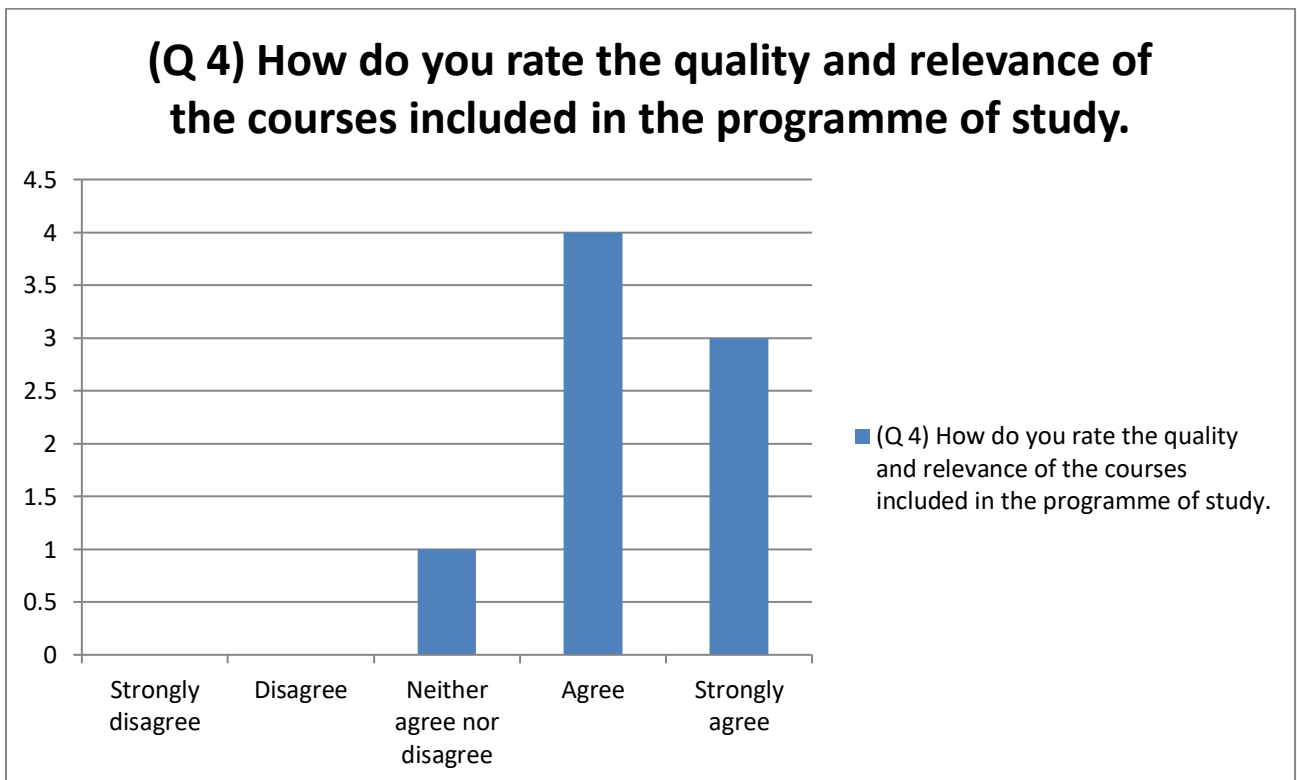
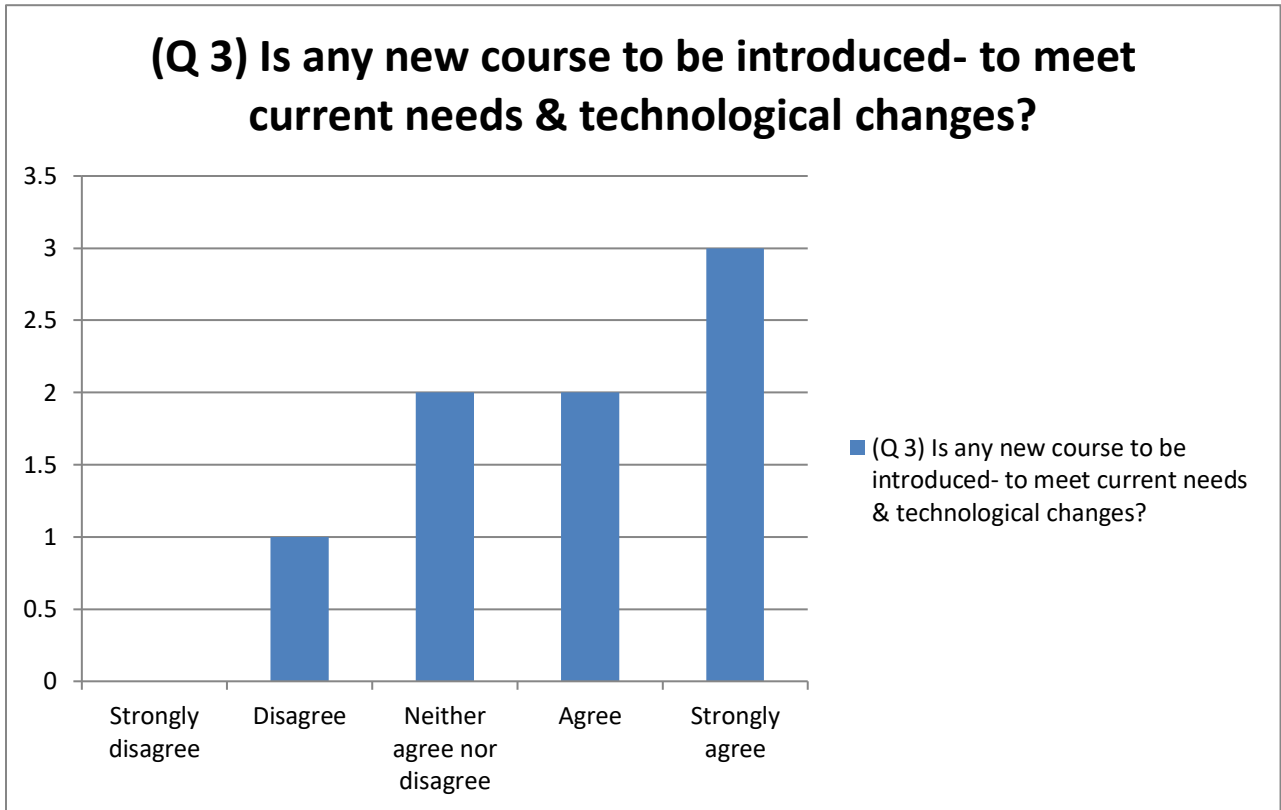


Parent Feedback

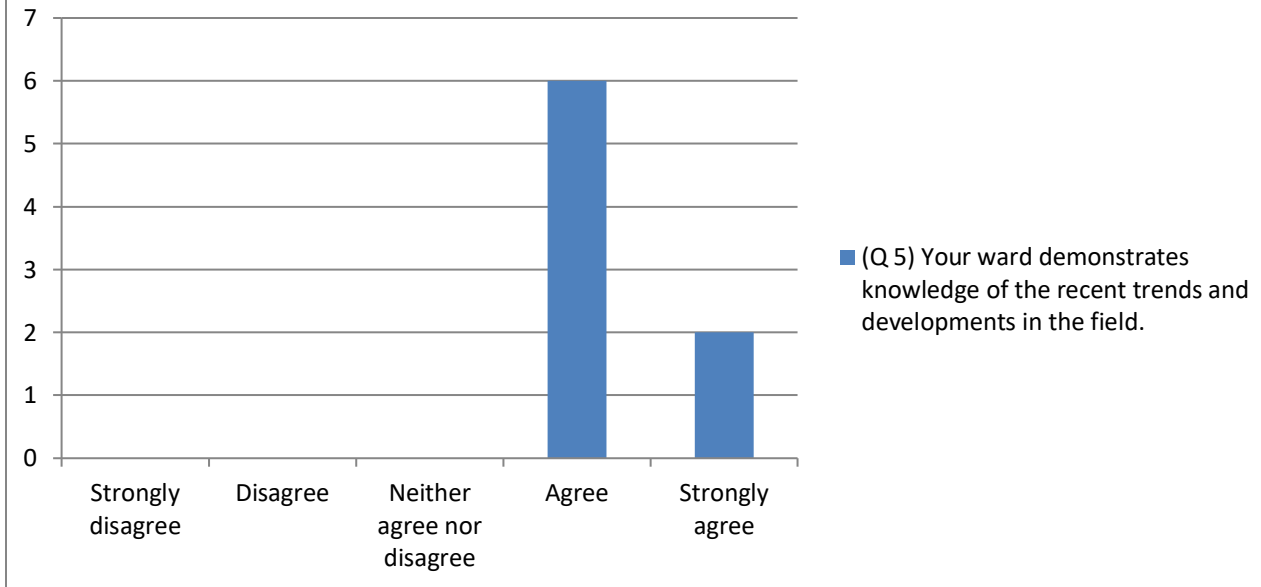
S. No.	Comments	Action Taken
1.	Please give option to choose some subject in additional to students.	There is provision in the higher semester.

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

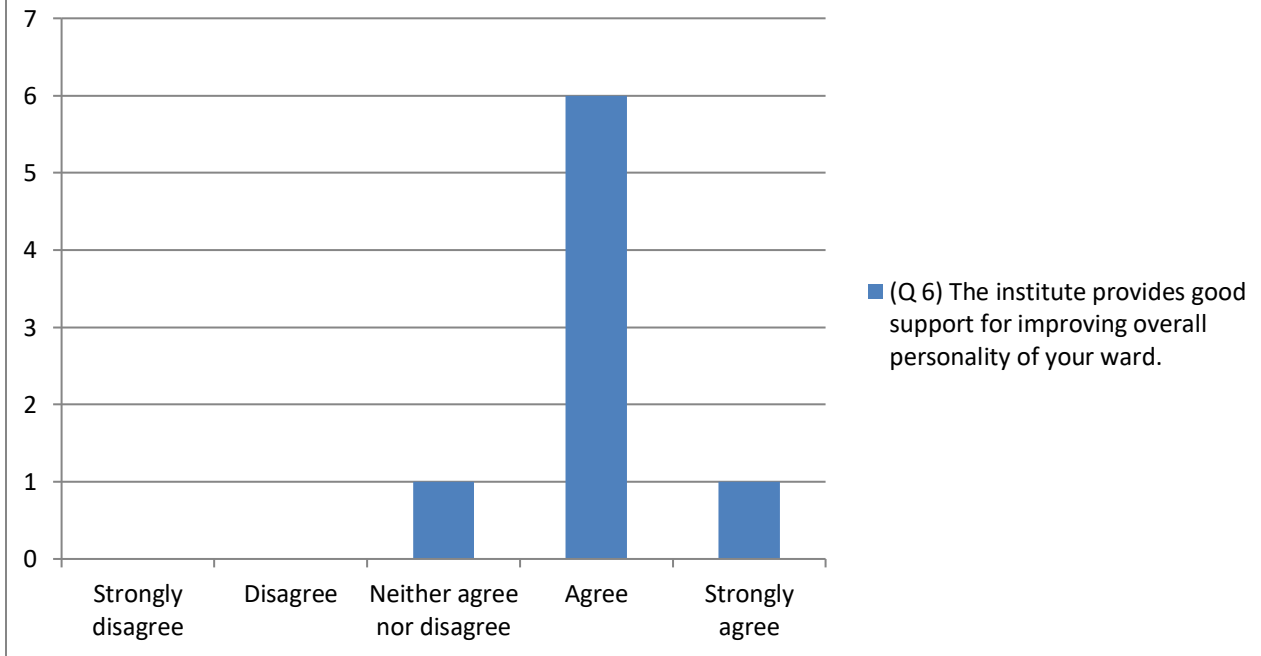


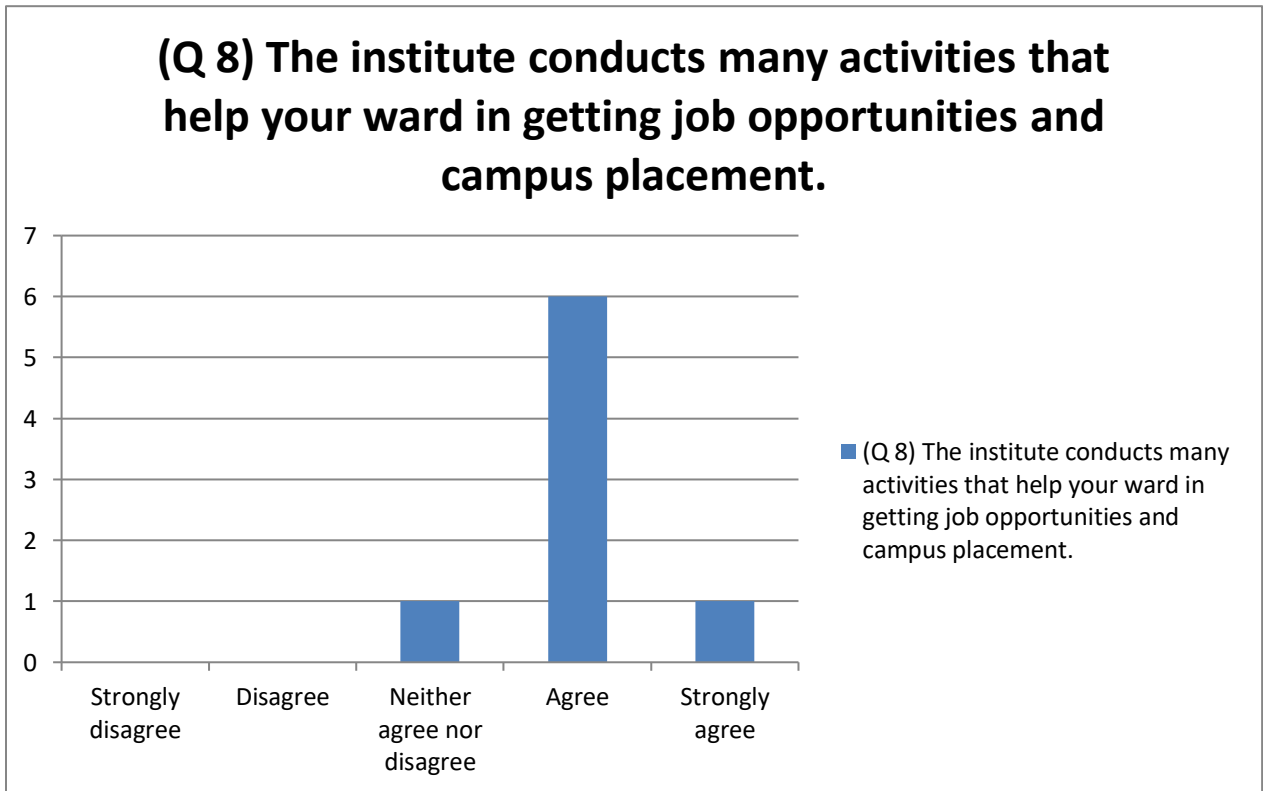
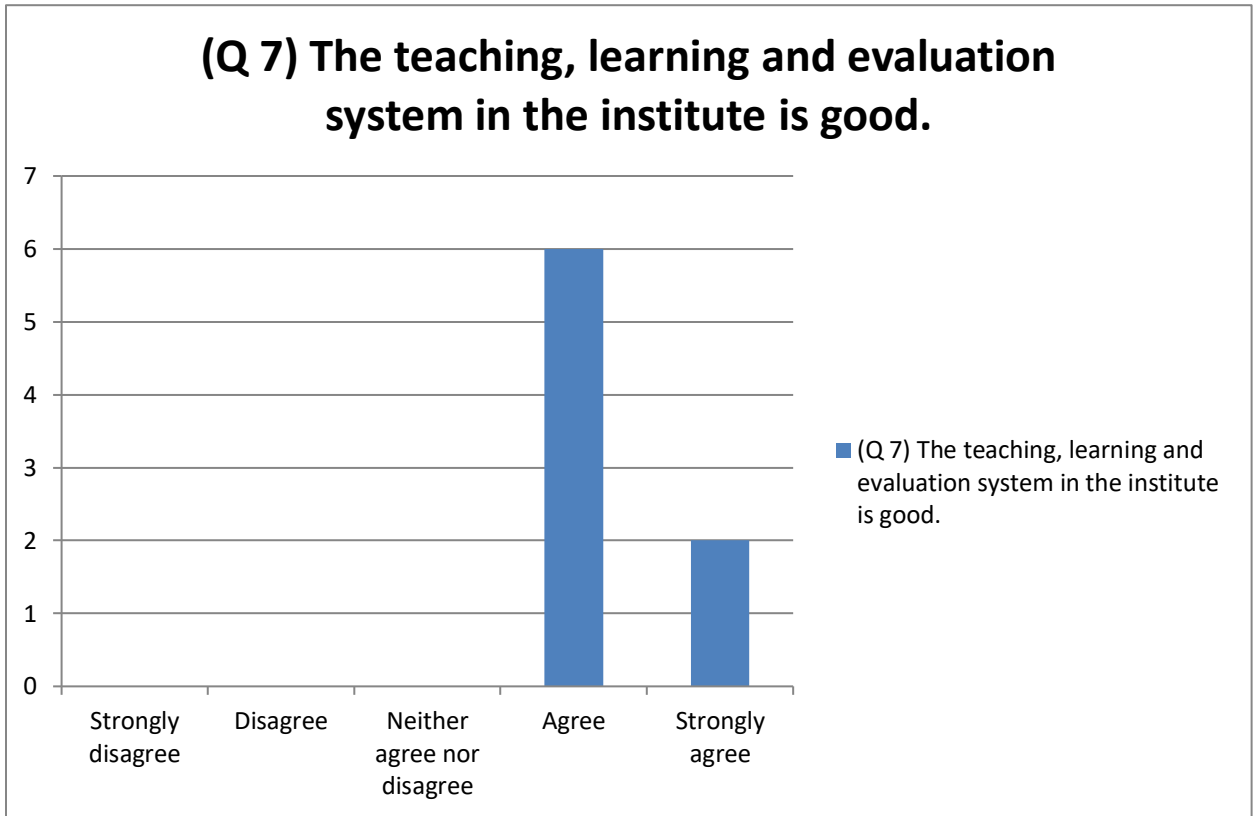


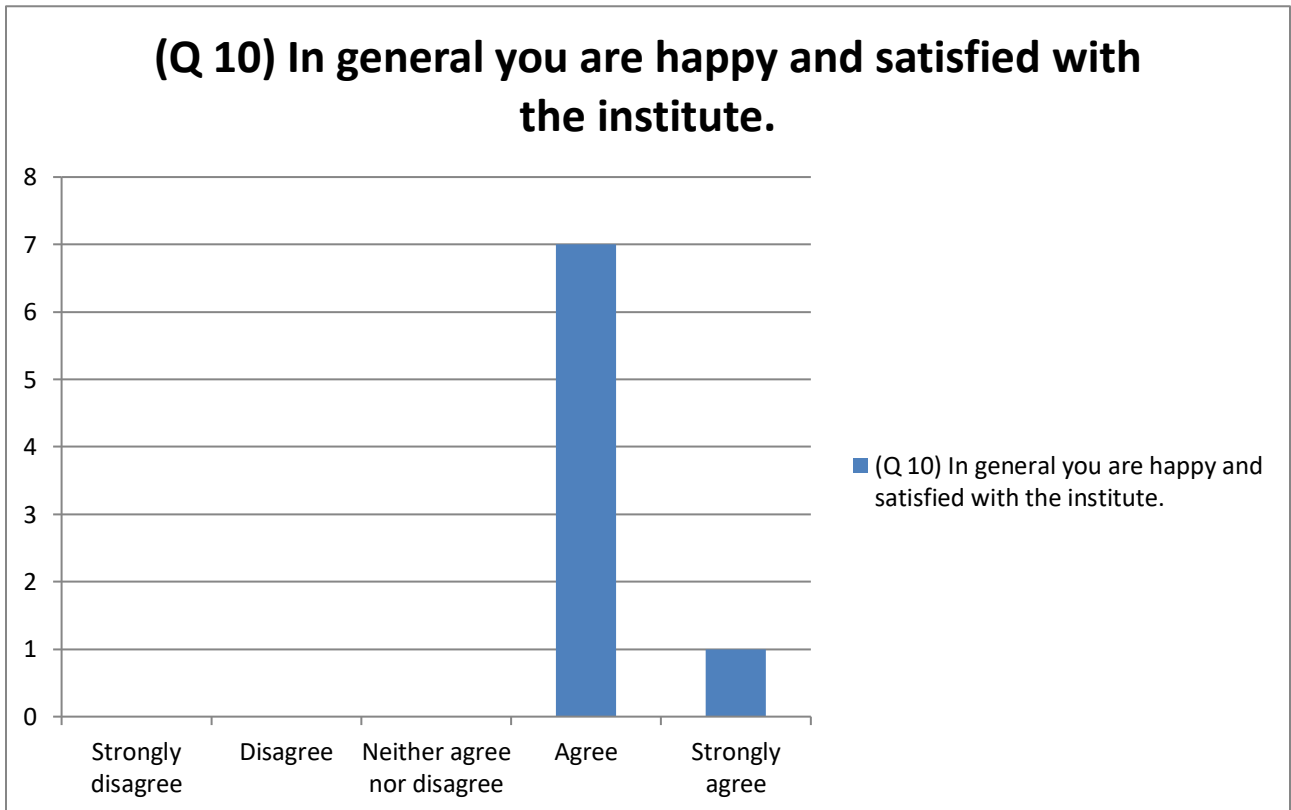
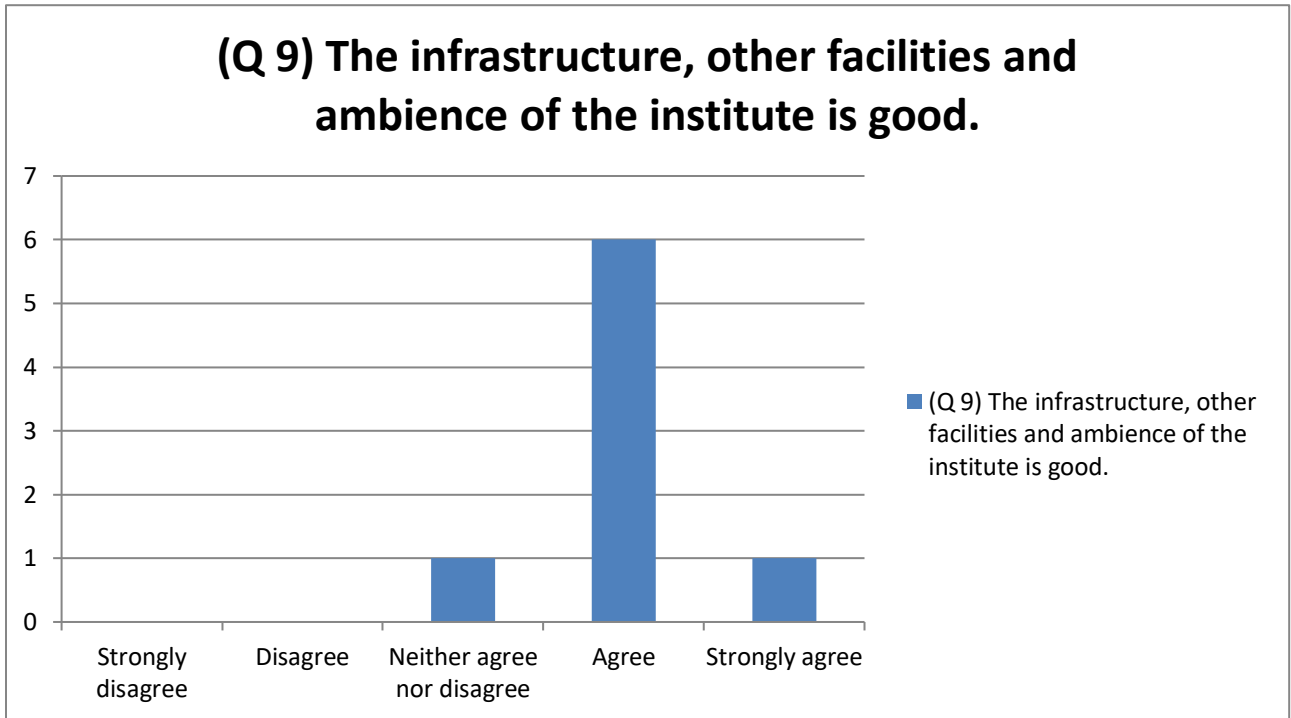
(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.



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

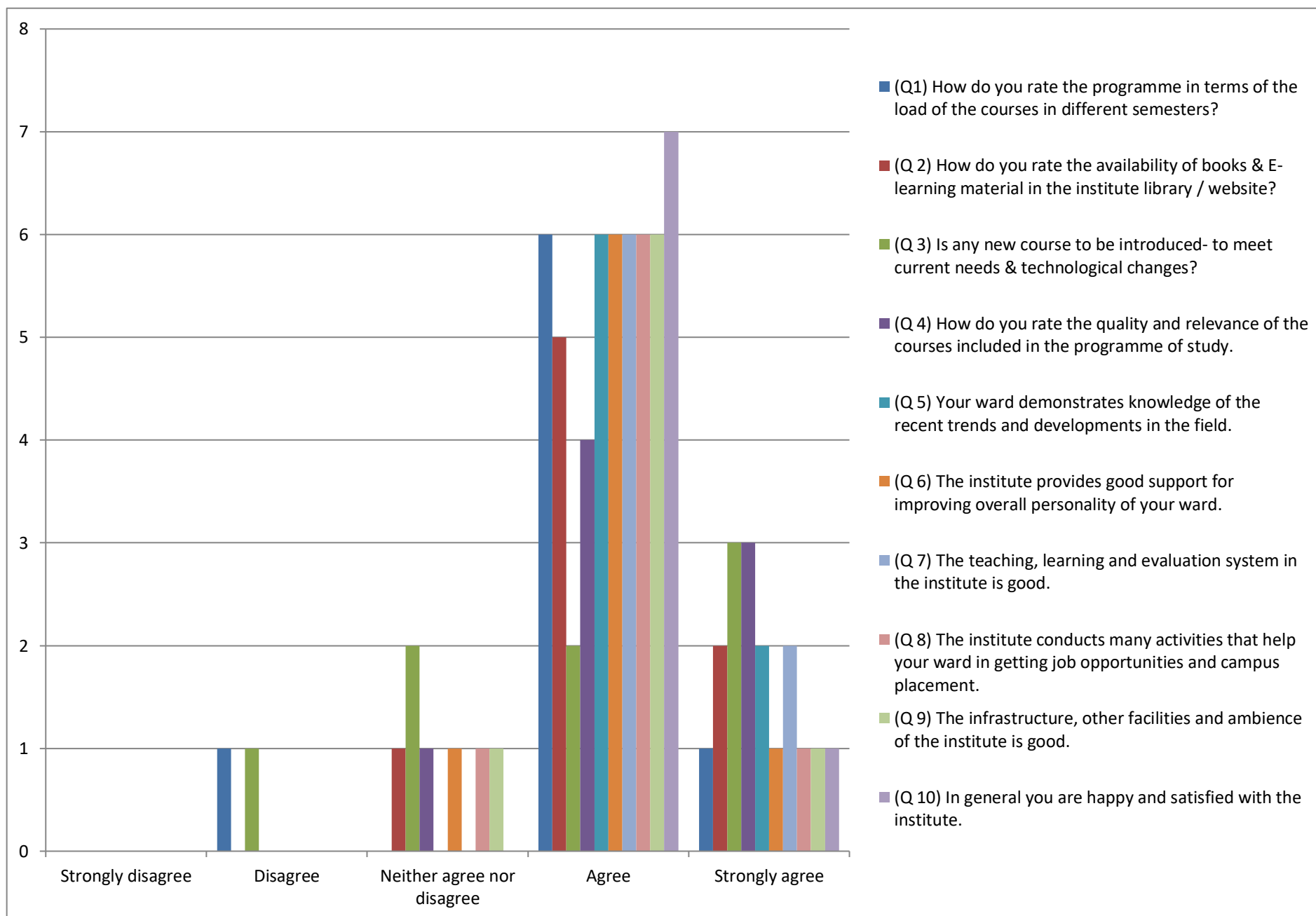






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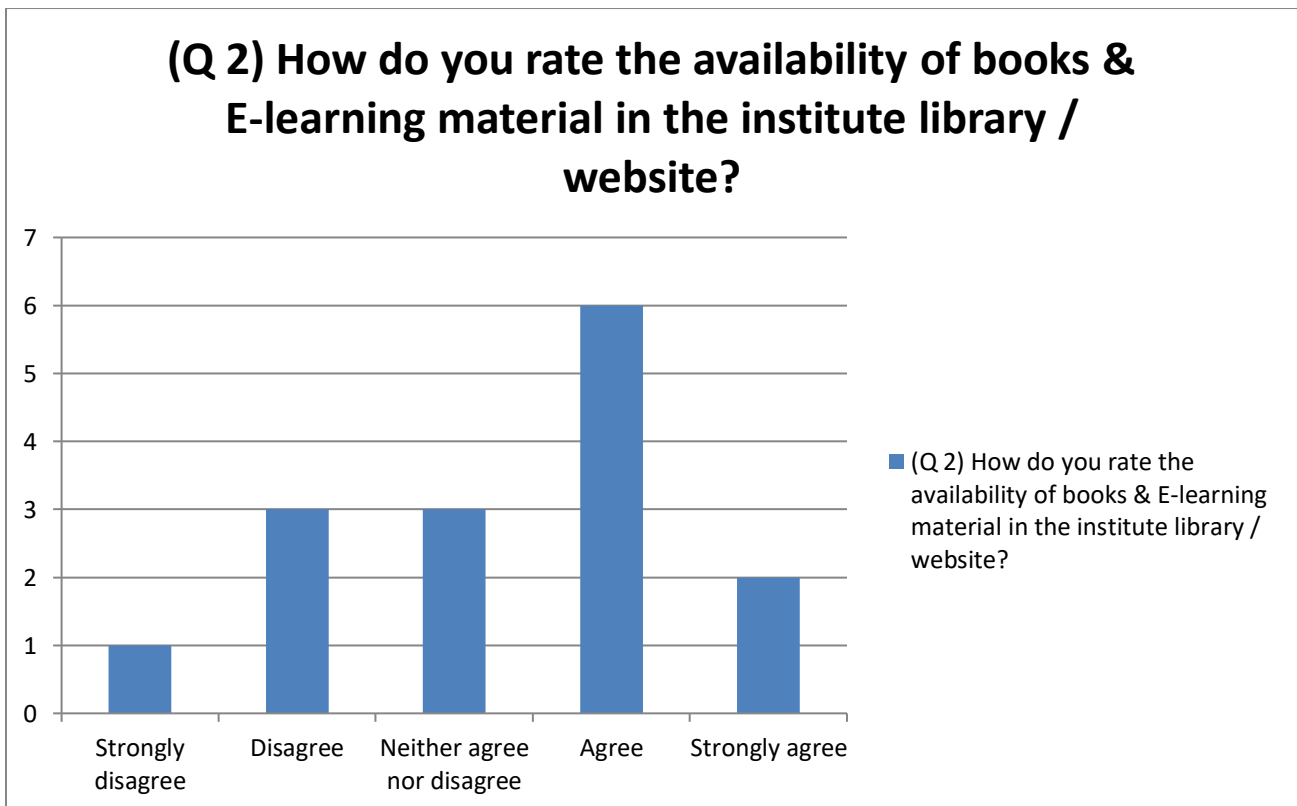
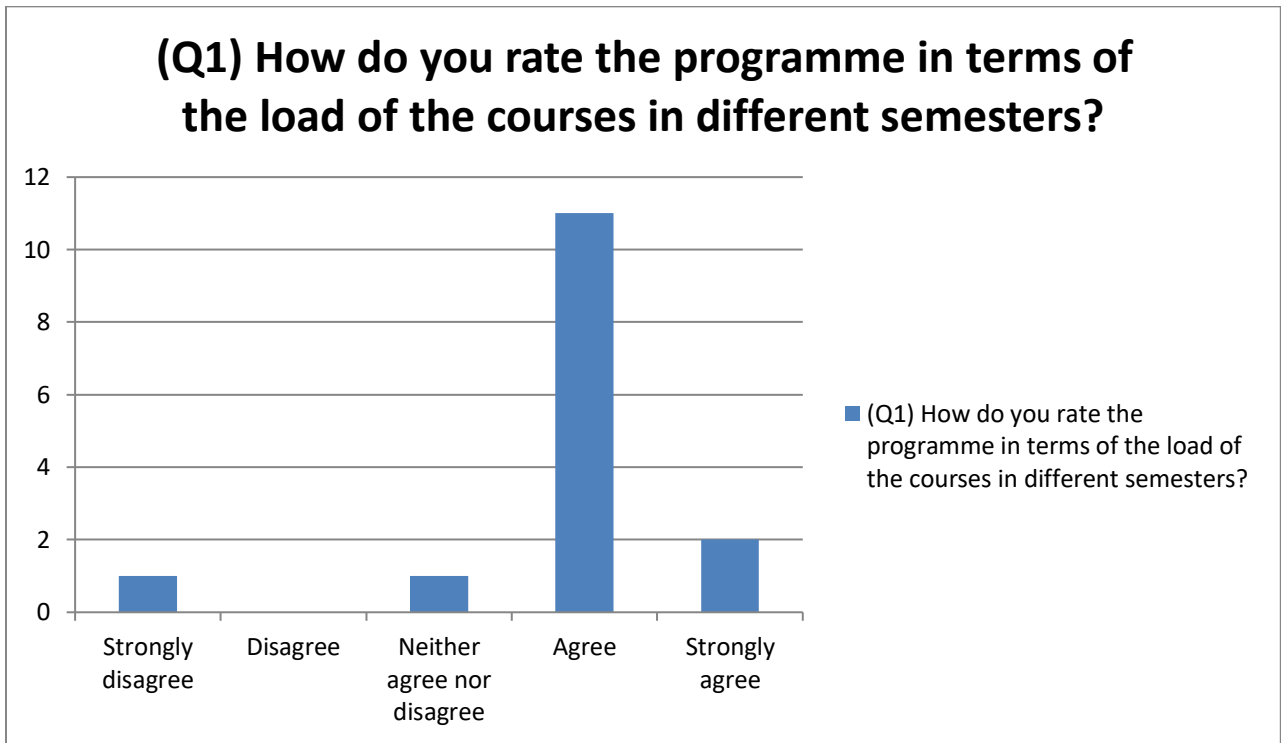
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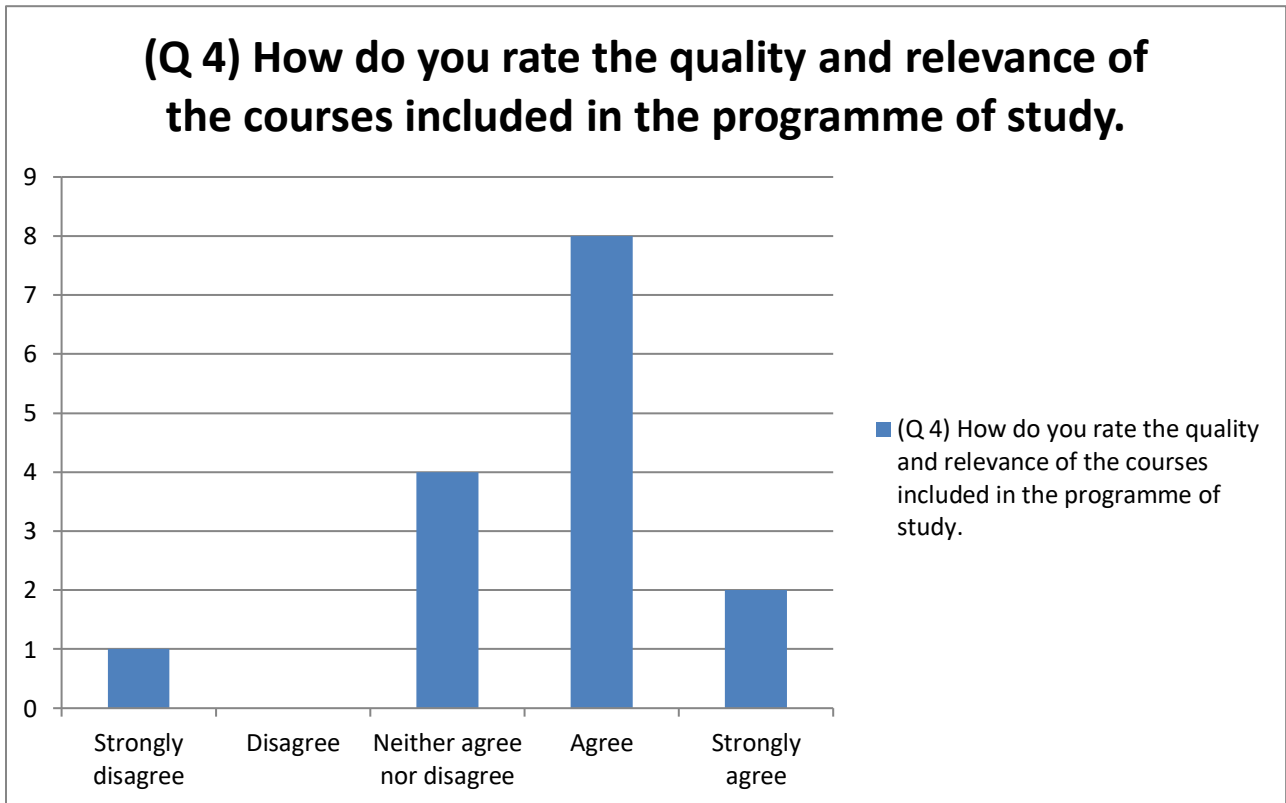
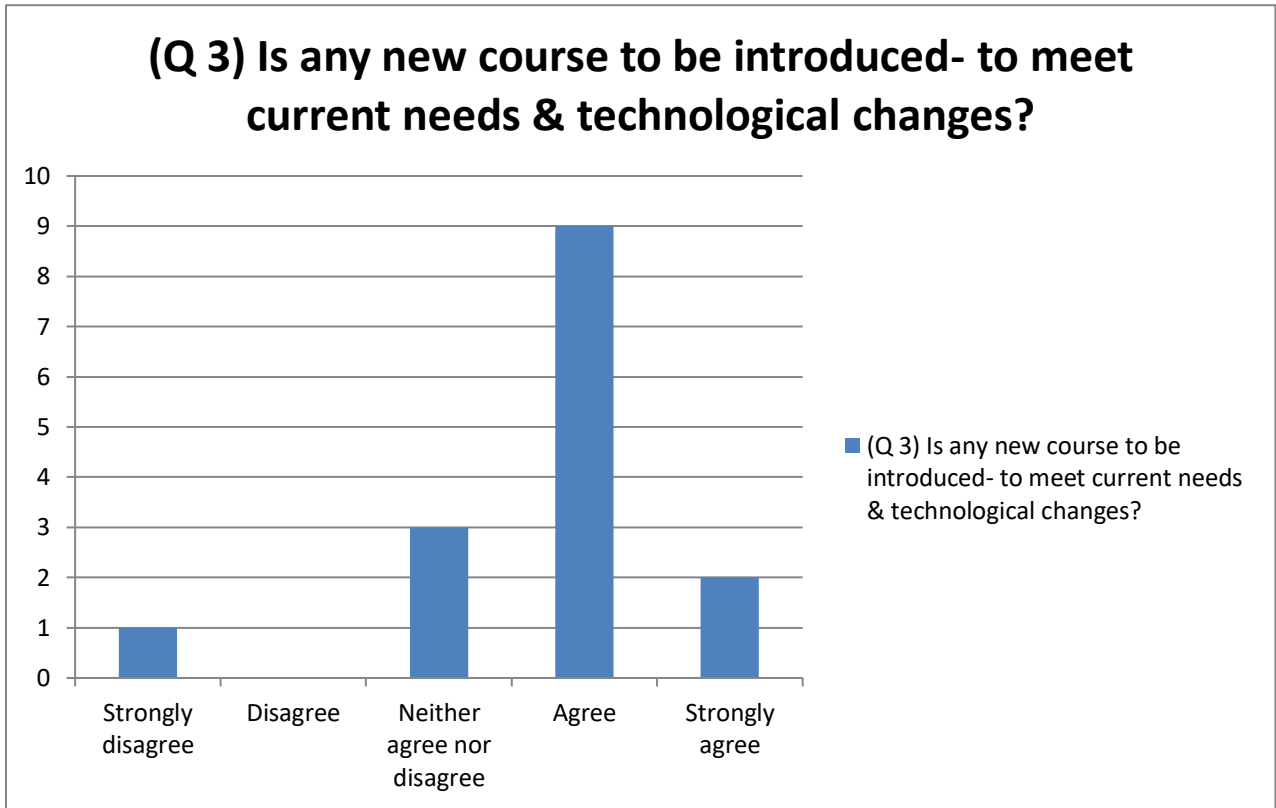
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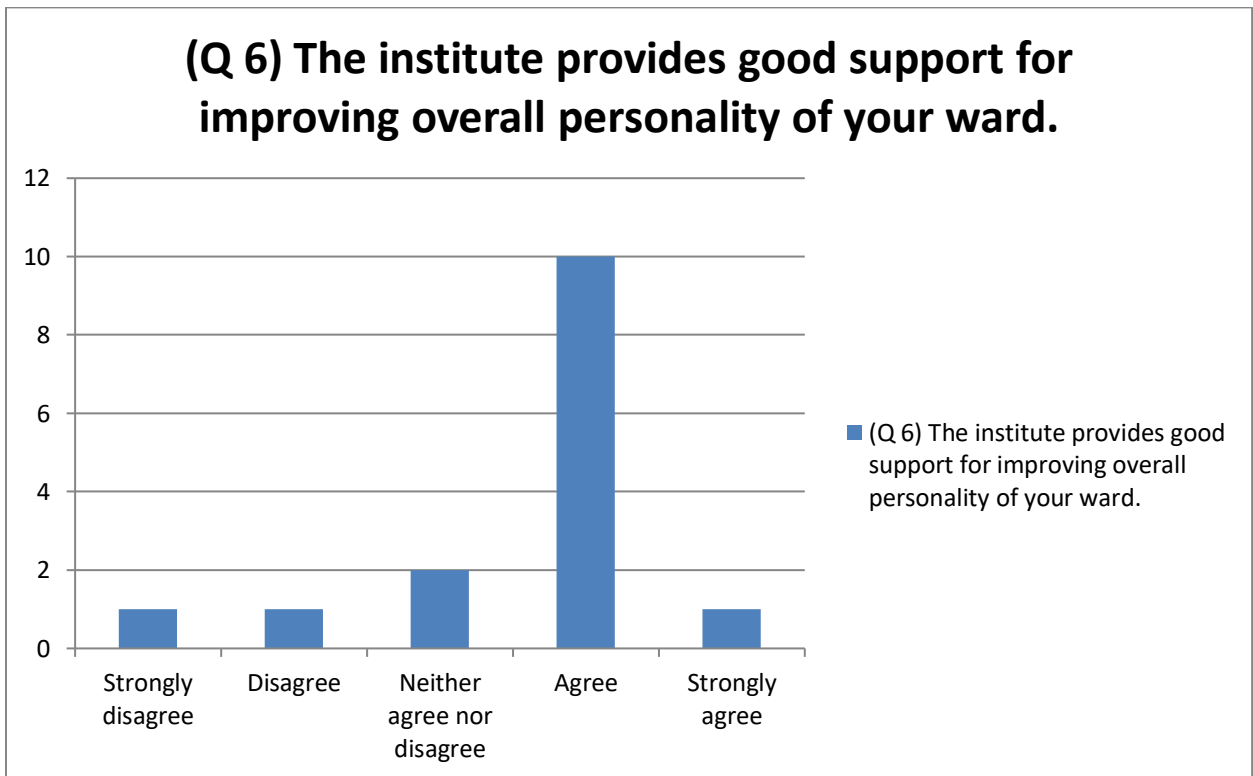
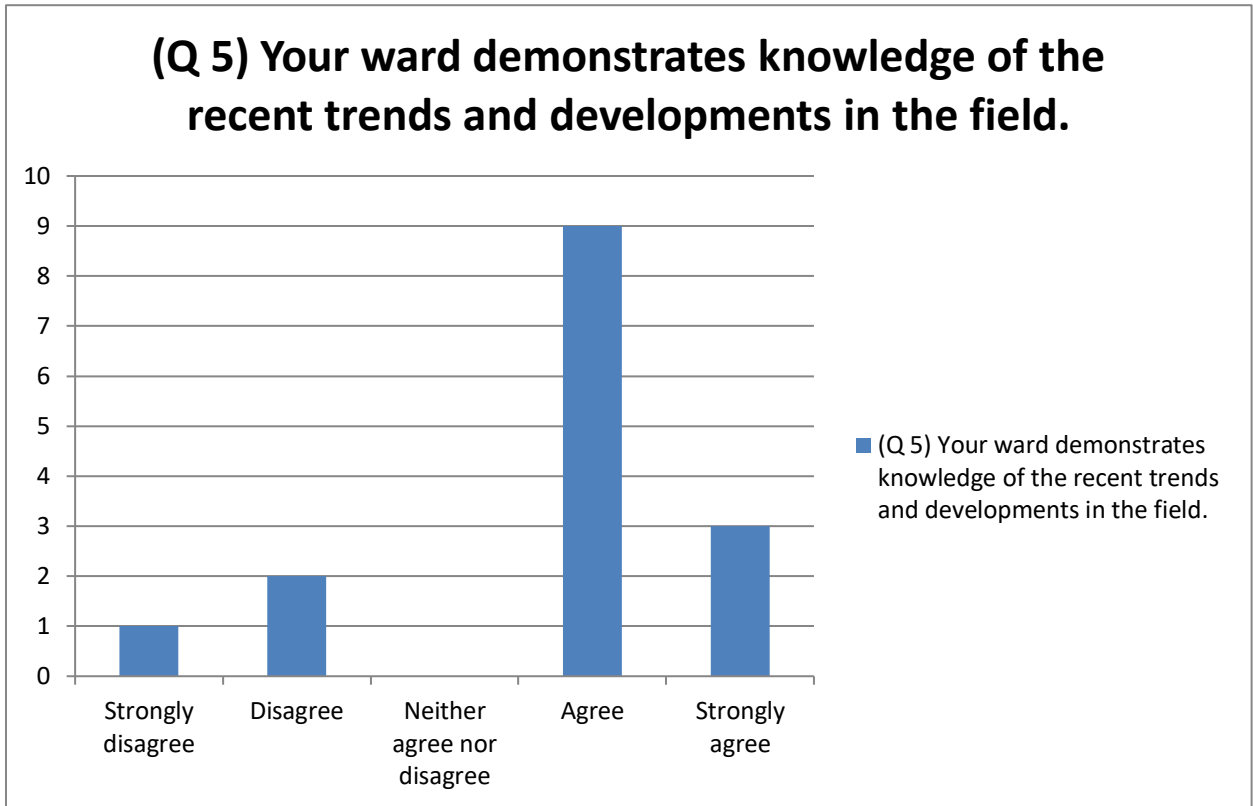
Summary Sheet Parent Satisfaction survey 3rd Semester (2021 – 22) Sample Size: 08

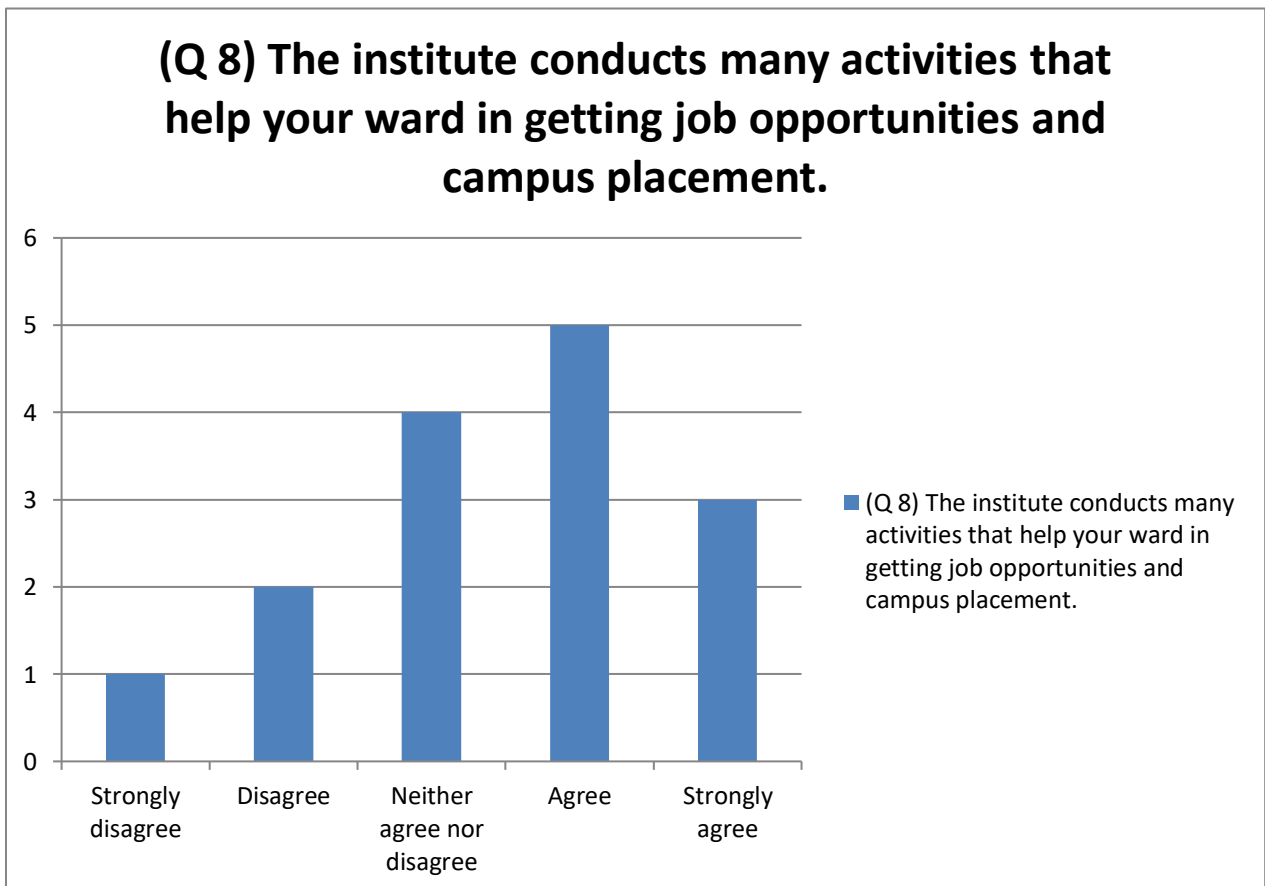
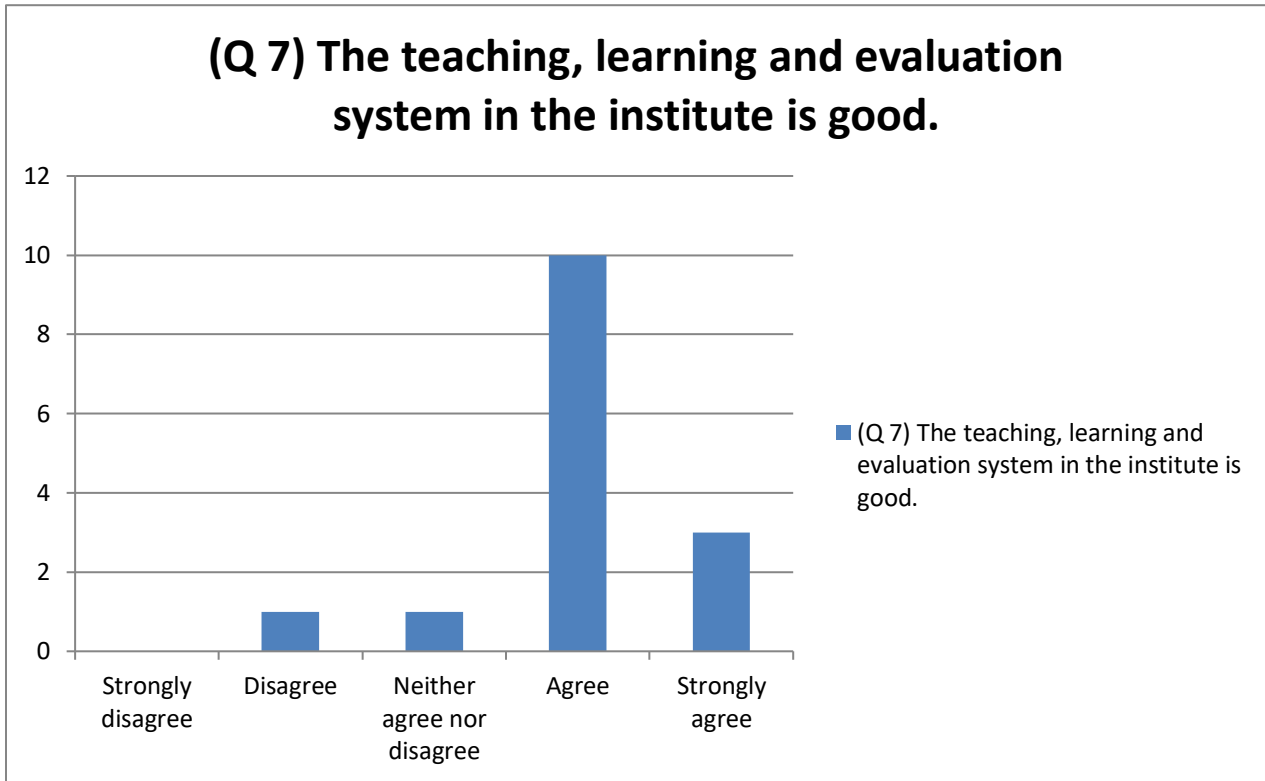
	(Q1) How do you rate the programme in terms of the load of the courses in different semesters?	(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?	(Q 3) Is any new course to be introduced- to meet current needs & technological changes?	(Q 4) How do 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)										

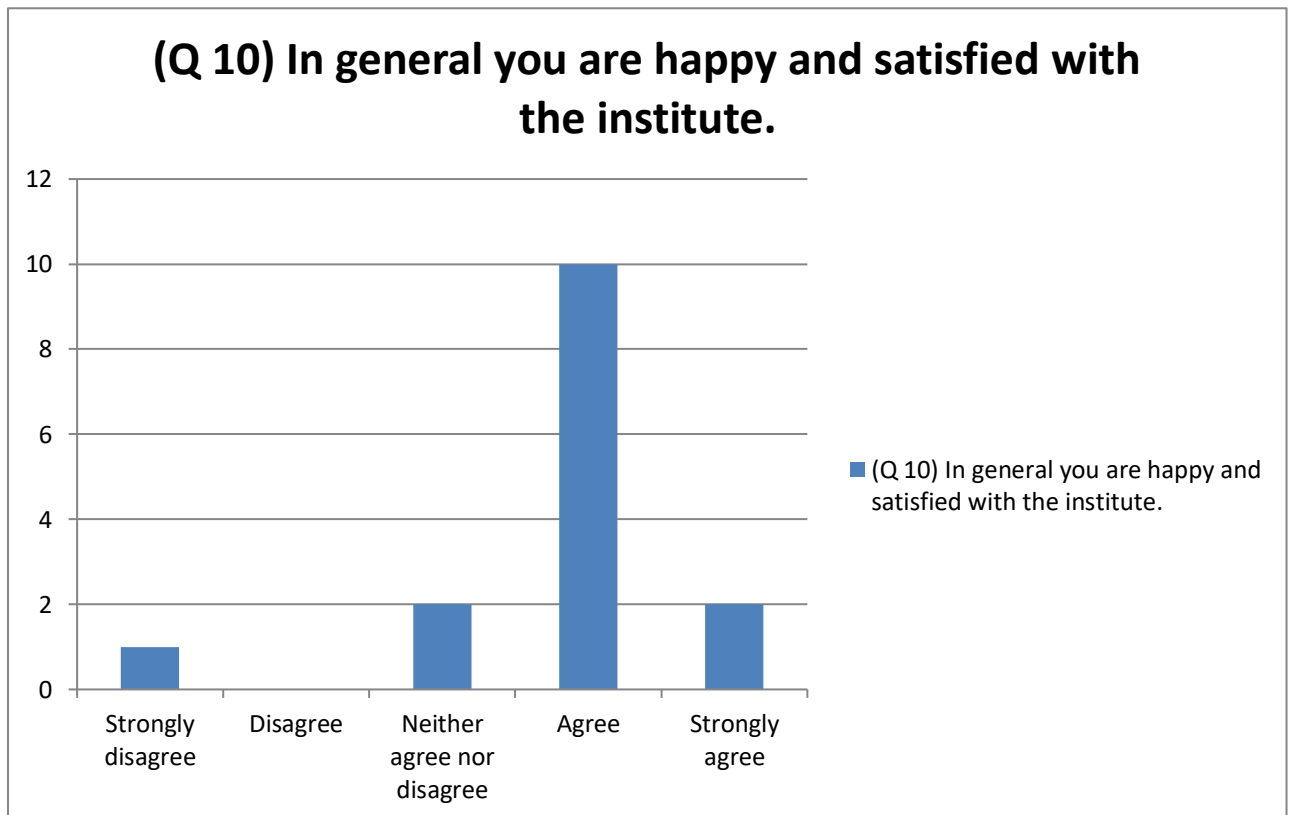
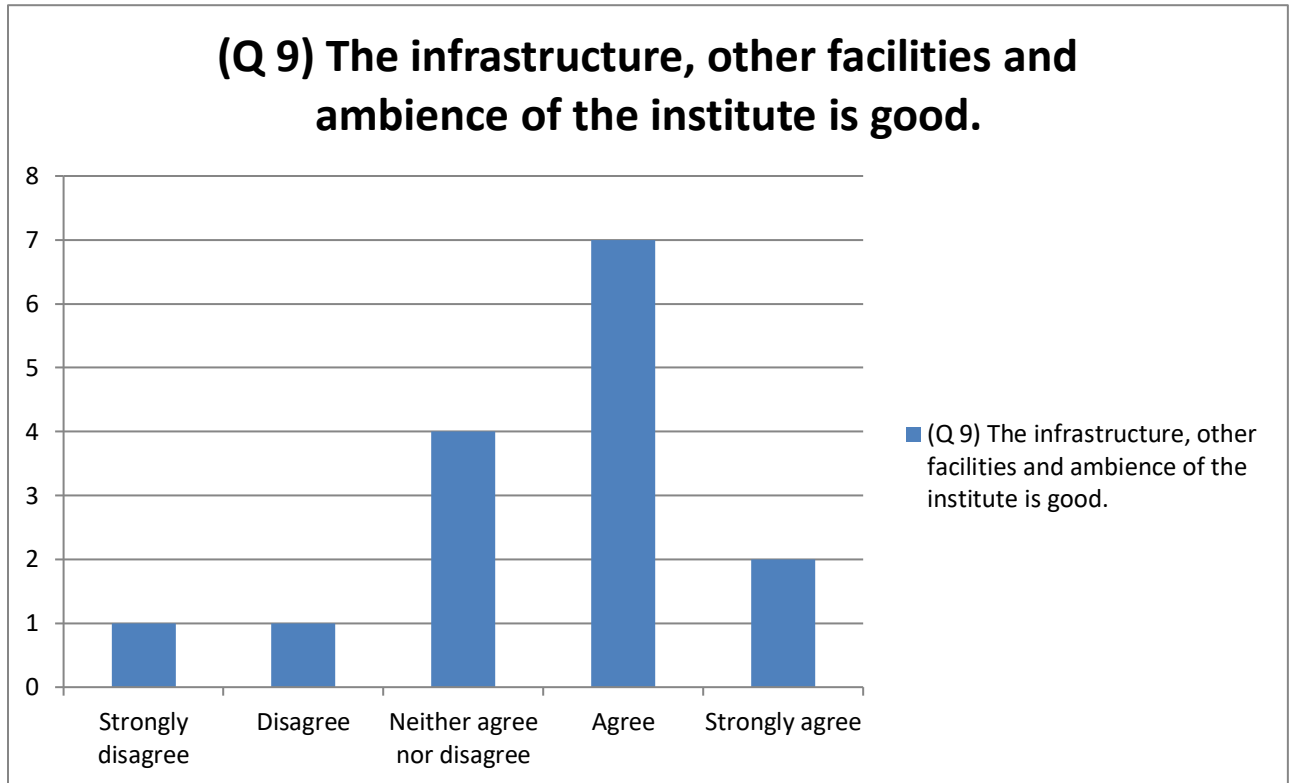
Parent Satisfaction Survey VII Semester (2021 – 2022) Sample Size: 15





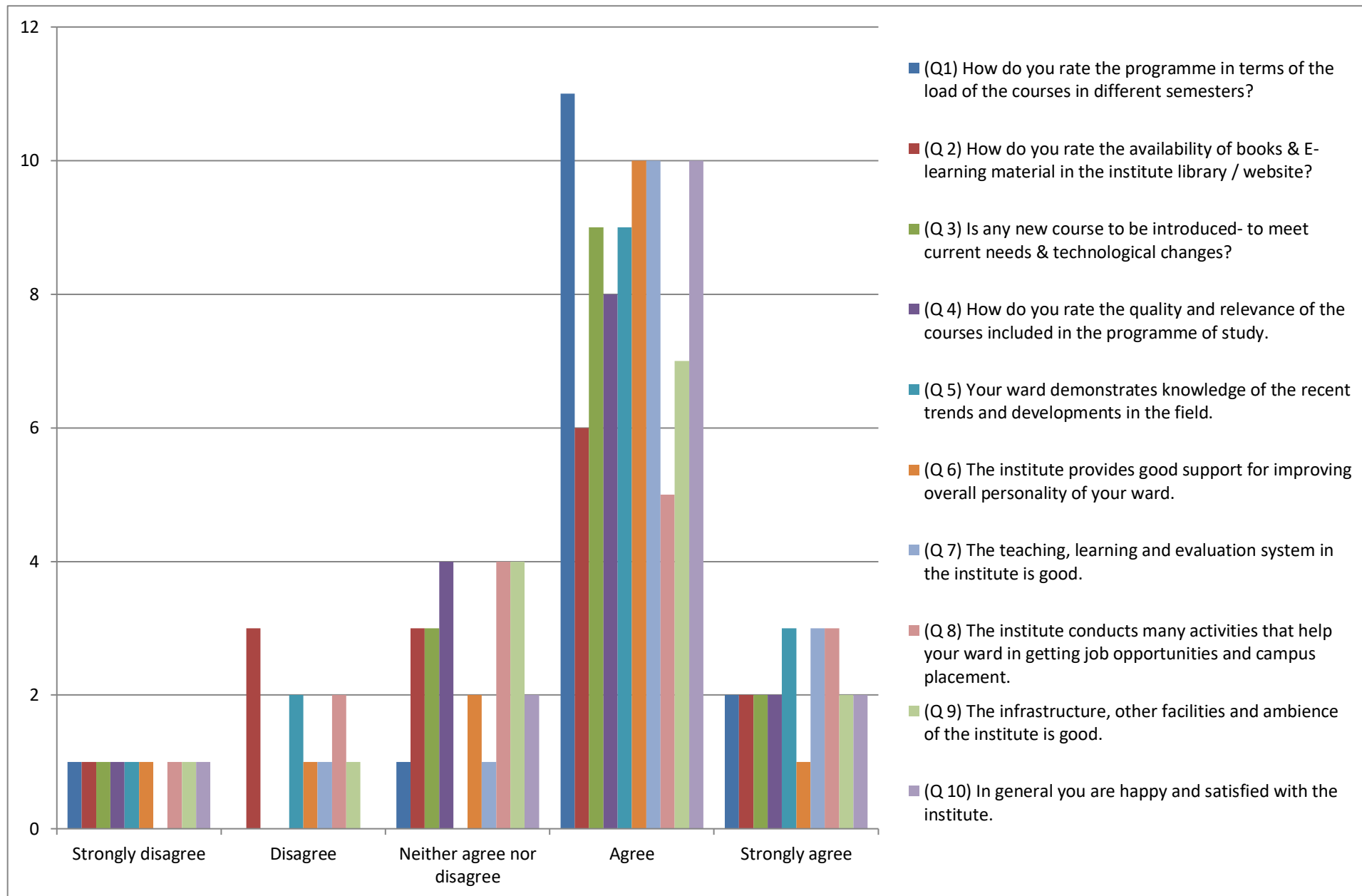






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Summary Sheet Parent Satisfaction survey VII Semester (2021 – 2022) Sample Size: 15

	(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)	3.86666667	3.33333333	3.73333333	3.66666667	3.73333333	3.6	4	3.46666667	3.53333333	3.8
Parent Satisfaction Index (PSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)										

Madhav Institute of Technology & Science, Gwalior

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Department of Chemical Engineering

Summary of Student & Teacher Feedback on courses & Curriculum

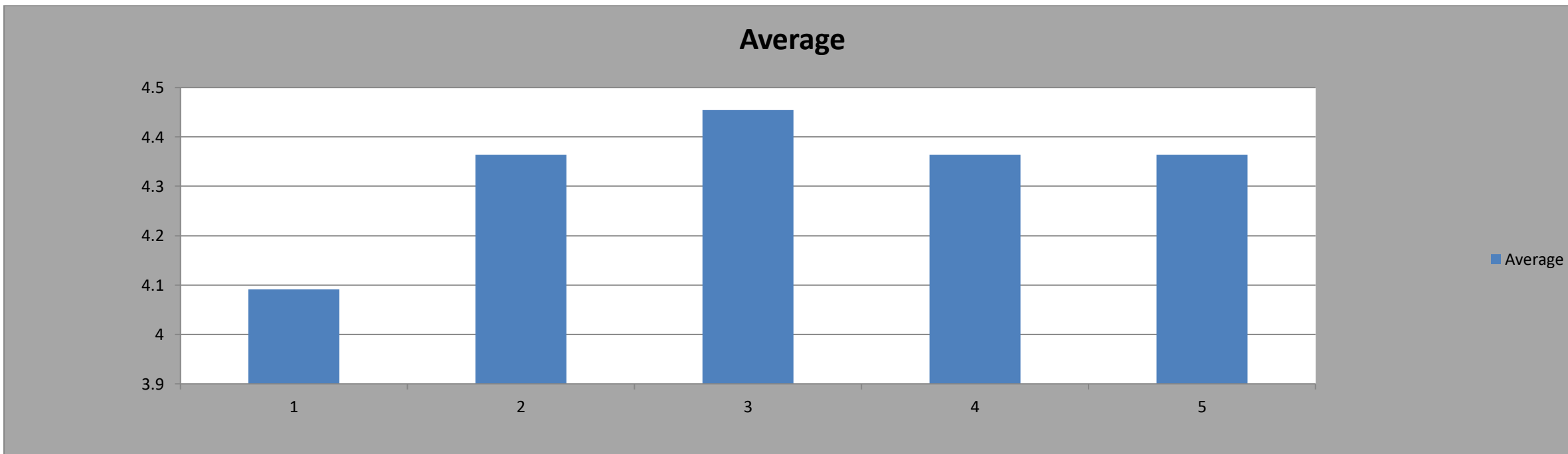
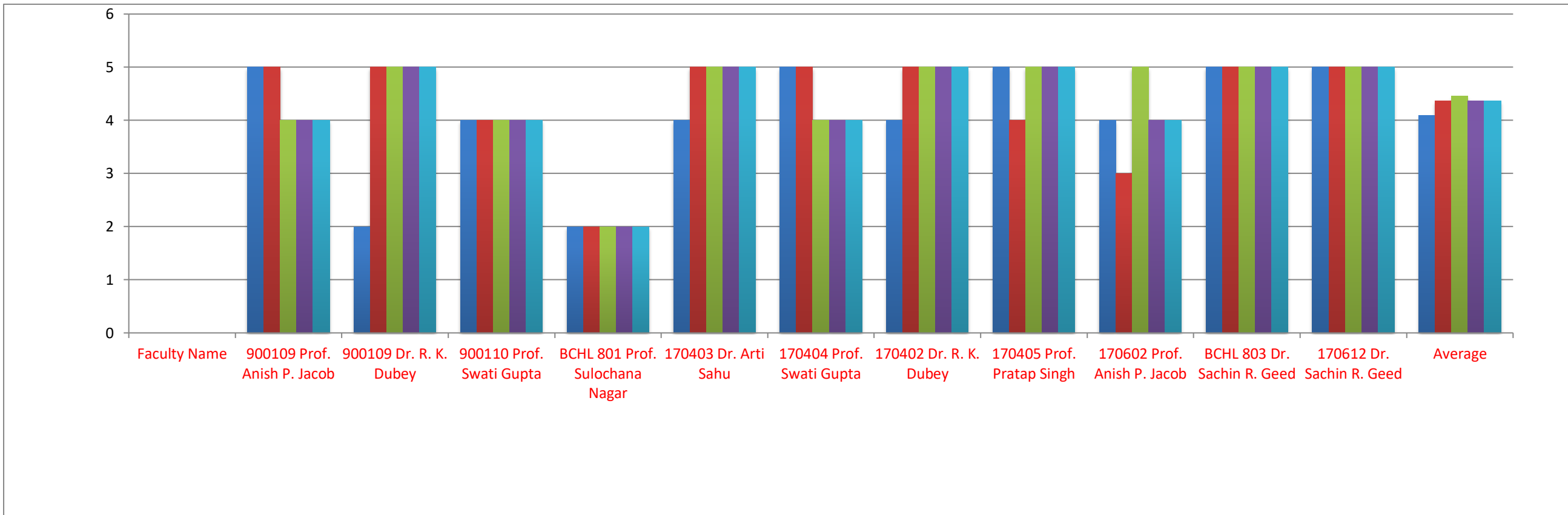
Salient key points of the Student & Teacher Feedback on courses & Curriculum are summarized below:

- Course contents of all the core courses must cover the GATE syllabi.
- Simulation/design software should be included with relevant courses.
- Industrial component may be added in the courses wherever possible.
- Bioprocess technology course may be removed from VIII semester scheme.
- Reference books for each course should be made available in the institute library.
- Classrooms & lab space are not sufficient for effective teaching learning process.
- Students lack seriousness towards academic activities.

Dr. C. S. Malvi
(HOD)

JAN -JUNE 2020:- COURSE CURRICULUM FEEDBACK (BY FACULTY ON MOODLE)

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)	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. (Please comment)	8.The institute provides basic infrastructural facilities required for teaching learning. (Please comment)	9.You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)	10. In general you are satisfied with your work environment and institute culture..(Please comment)
Faculty Name										
900109 Prof. Anish P. Jacob	5	5	4	4	4	Yes	Yes	Yes	Yes	Yes
900109 Dr. R. K. Dubey	2	5	5	5	5	We are free to adopt various teaching process	Support with some limitation	Sure	Sure	Yes
900110 Prof. Swati Gupta	4	4	4	4	4	YES	YES	YES	Not Always	Yes, I am Satisfied
BCHL 801 Prof. Sulochana Nagar	2	2	2	2	2	yes	yes	yes		yes
170403 Dr. Arti Sahu	4	5	5	5	5	Yes	Yes	Yes	Yes	Yes
170404 Prof. Swati Gupta	5	5	4	4	4	YES	YES	YES	Not Always	Yes, I am Satisfied
170402 Dr. R. K. Dubey	4	5	5	5	5	We teachers are free to adopt various mode of teaching platform	With some restriction	Agrees	Only going through proper channel	Sure
170405 Prof. Pratap Singh	5	4	5	5	5	Students and teachers spend the majority of their day in school classrooms, and it's your responsibility to foster an environment and atmosphere that enhance learning.	Yes	yes	Yes	yes
170602 Prof. Anish P. Jacob	4	3	5	4	4	Yes	Yes	Yes	yes	yes
BCHL 803 Dr. Sachin R. Geed	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
170612 Dr. Sachin R. Geed	5	5	5	5	5	Yes	Yes	yes	yes	yes
Average	4.090909091	4.363636364	4.454545455	4.363636364	4.363636364					
	Very Good	Very Good	Very Good	Very Good	Very Good					



JAN-JUNE 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 Name 27							
100003 Engineering Mathematics - III	3.518518519	3.592592593	3.444444444	3.37037037	3.37037037	3.37037037	3.592592593
170402 Heat Transfer	3.666666667	3.703703704	3.814814815	3.962962963	3.814814815	3.925925926	3.666666667
170403 Mass Transfer - I	3.407407407	3.444444444	3.555555556	3.296296296	3.444444444	3.407407407	3.481481481
170404 Instrumentation & Process Control	3.37037037	3.296296296	3.296296296	3.185185185	3.185185185	3.222222222	3.37037037
170405 Mechanical Design of Process Equipment	2.851851852	2.962962963	3	2.925925926	2.925925926	2.925925926	3
100004 Cyber Security	3.222222222	3.407407407	3.37037037	3.296296296	3.296296296	3.111111111	3.222222222
100002 Biology for Engineers (Audit Course)	3.888888889	3.166666667	3.555555556	3.277777778	3.222222222	3.166666667	3.111111111
34							
100005 (Ethics, Economics, Entrepreneurship & Management)	3.558823529	3.558823529	3.529411765	3.558823529	3.588235294	3.705882353	3.676470588
170602 (Process Modeling & Simulation)	3.764705882	3.882352941	3.794117647	3.735294118	3.735294118	3.823529412	3.911764706
DE - I 170612 (Fluidization Engineering)/170614 (Polymer Technology)	3.676470588	3.705882353	3.5	3.529411765	3.735294118	3.764705882	3.794117647
DE - II (Through SWAYAM/NPTEL)	3.764705882	3.705882353	3.588235294	3.558823529	3.617647059	3.735294118	3.794117647
Open Course - I	3.617647059	3.617647059	3.558823529	3.470588235	3.588235294	3.470588235	3.617647059
100007 (Disaster Management)	3.529411765	3.529411765	3.529411765	3.558823529	3.470588235	3.5	3.558823529
100006 (Indian Constitution & Traditional Knowledge) (Audit Course)	3.235294118	3.294117647	3.294117647	3.294117647	3.352941176	3.264705882	3.205882353
15							
BCHL-801 Bio Process Technology	3	3.333333333	3.133333333	3.4	3.266666667	3.2	3.4
BCHL-802 Membrane Separation Processes	3.2	3.333333333	3.066666667	3.333333333	3.333333333	3.266666667	3.333333333
BCHL-803 Process Safety & Hazard Management	3.066666667	3.2	3.066666667	3.2	3.066666667	3.2	3.266666667
BCHL-804 Environmental Engineering	3.466666667	3.666666667	3.533333333	3.533333333	3.666666667	3.533333333	3.666666667

