



Department of Chemical Engineering Feedback Analysis & Action Taken Report

ITEM NO. 23	Feedback	Feedback Comments	Feedback Action Taken
To review curricula feedback from various stakeholders, its analysis and impact	Students Feedback	<ul style="list-style-type: none">• The curriculum is up to date• Much theoretical things should be excluded from Thermodynamics• IPT, OPT can be merged as Chemical Technology	<ul style="list-style-type: none">• Scope of improvement is being explored• Same will be put up before concerned authorities• Same will be put up before concerned authorities
	Faculty Feedback	<ul style="list-style-type: none">• Yes, the environment allows for a free exchange of ideas, thoughts and skills among the facilitators and learners	<ul style="list-style-type: none">• We commit to maintain the consistency
	Parents Feedback	<ul style="list-style-type: none">• There will be some more concern about student's future job opportunities	<ul style="list-style-type: none">• It has been informed to placement cell.
	Alumni Feedback	<ul style="list-style-type: none">• Revision of syllabus is required• Need to particularly focus on practical application rather than teaching theories.• Availability of Books in Library• Department should have a regular industrial visits.	<ul style="list-style-type: none">• Already discussed and changed in BoS accordingly• All the faculty members have been instructed to discuss the theory with some practical applications in their respective courses.• The Library officer has been informed about the situation and also shared



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
Deemed to be University
(Declared under Distinct Category by Ministry of Education, Government of India)
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			<p>the list of Books.</p> <ul style="list-style-type: none">• Department is exploring opportunity related to conduction of industrial visit.
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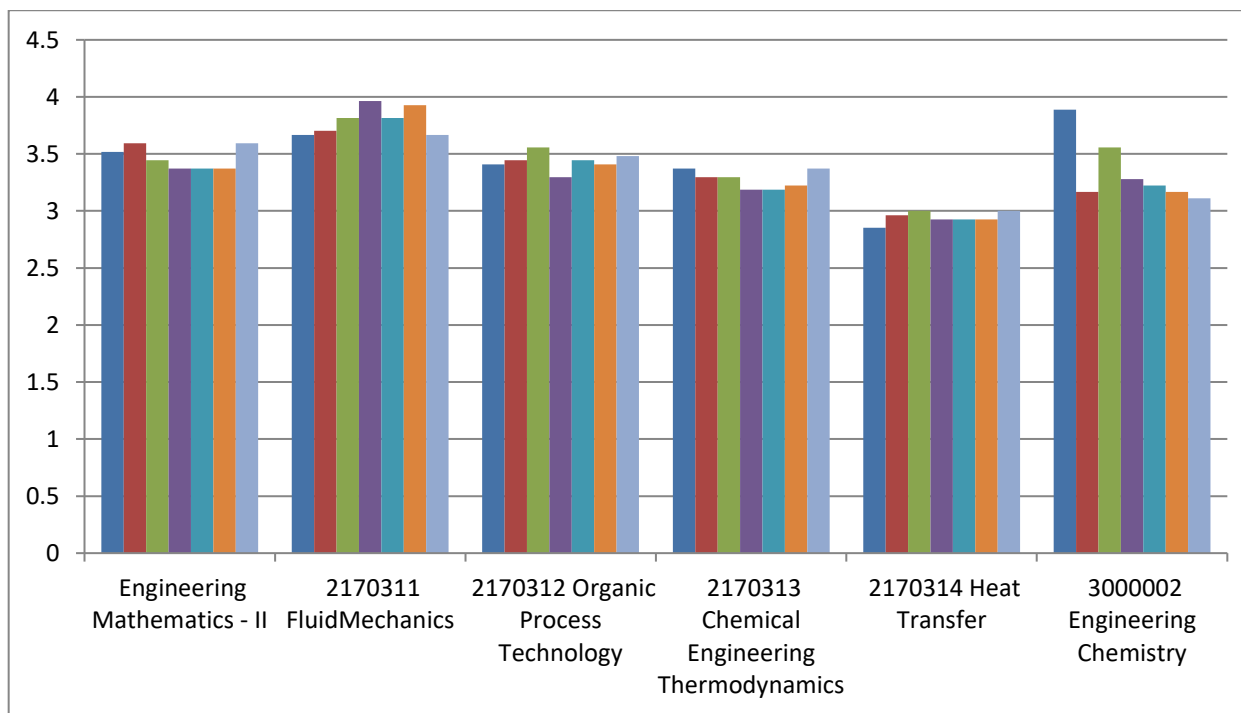


	Employer Feedback	<ul style="list-style-type: none">• They must focus on the core rather making aware about other subjects• The courses offered are only relevant upto a certain level there should be a proper commencement of newly technologies introduced in the industries then only we can make graduates ready for an industry. They must taught about the ethics and principles which one should follow while working inside the chemical industries.• Must include an optional course on chemical/industrial operations which are practiced in different process industries.• Need some courses on finance as well. Data science is an emerging field an exposure of that will be beneficial.• If possible, addition of 2-3 months of internship or practising of students in multiple industries to get contemporary knowledge in industrial operations.	<ul style="list-style-type: none">• Courses are offered according NEP• New Technology and Industry related course already offered in flexible curriculum.• Some Such courses are offered on NPTEL platform under DE• Regarding this Provision is there in open category courses.• Students get industrial (1 month) visit after 6th sem and during 8th sem most of the students are engaged with industrial internship (4-6months)
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Students Feedback on Course Curriculum

Comments	Action Taken
<ul style="list-style-type: none"> The curriculum is up to date Much theoretical things should be excluded from Thermodynamics IPT, OPT can be merged as Chemical Technology 	<ul style="list-style-type: none"> Scope of improvement is being explored Same will be put up before concerned authorities Same will be put up before concerned authorities

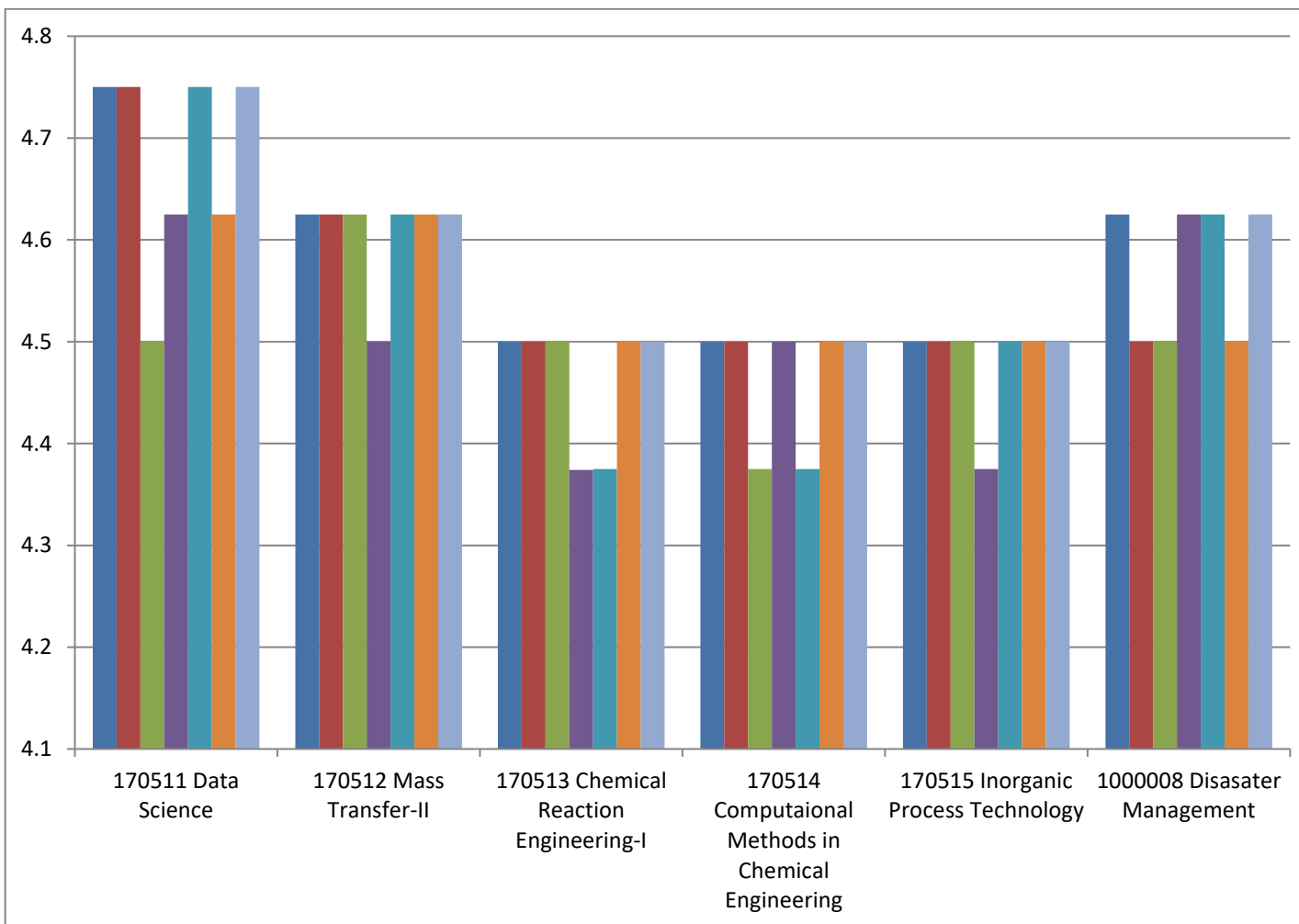
Course Curriculum Feedback (by students on MOODLE): (July – Dec 2023) III Semester, Sample Size: 6



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

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
Engineering Mathematics - II	3.51	3.59	3.44	3.370	3.370	3.37	3.59	3.5
2170311 Fluid Mechanics	3.66	3.70	3.81	3.96	3.81	3.92	3.66	3.79
2170312 Organic Process Technology	3.40	3.44	3.55	3.29	3.44	3.40	3.48	3.434
2170313 Chemical Engineering Thermodynamics	3.37	3.29	3.29	3.18	3.185	3.22	3.370	3.23
2170314 Heat Transfer	2.85	2.96	3	2.92	2.92	2.92	3	2.989
3000002 Engineering Chemistry	3.88	3.16	3.55	3.27	3.22	3.16	3.11	3.38

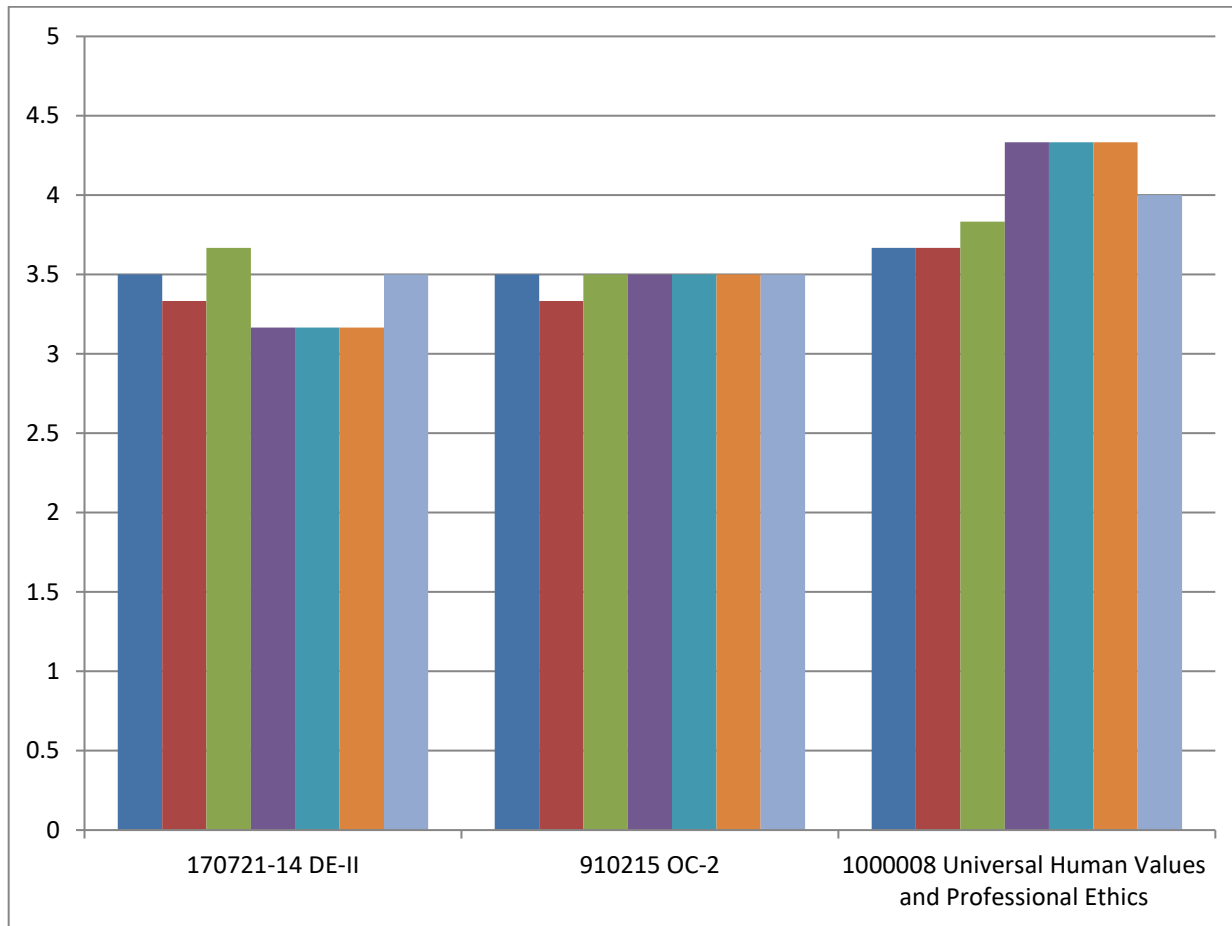
Course Curriculum Feedback (by students on MOODLE): (Jul – Dec 2023) V Semester, Sample Size: 10



SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) V Semester, Sample Size: 10

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
170511 Data Science	4.75	4.75	4.5	4.625	4.75	4.625	4.75	4.67
170512 Mass Transfer-II	4.625	4.625	4.625	4.5	4.625	4.625	4.625	4.60
170513 Chemical Reaction Engineering-I	4.5	4.5	4.5	4.374	4.375	4.5	4.5	4.46
170514 Computational Methods in Chemical Engineering	4.5	4.5	4.375	4.5	4.375	4.5	4.5	4.47
170515 Inorganic Process Technology	4.5	4.5	4.5	4.375	4.5	4.5	4.5	4.49
1000008 Disaster Management	4.625	4.5	4.5	4.625	4.625	4.5	4.625	4.57

Course Curriculum Feedback (by students on MOODLE): (Jul – Dec 2023) VII Semester, Sample Size: 9



SUMMARY SHEET (Course Curriculum Feedback by Students on MOODLE) VII Semester, Sample Size: 9

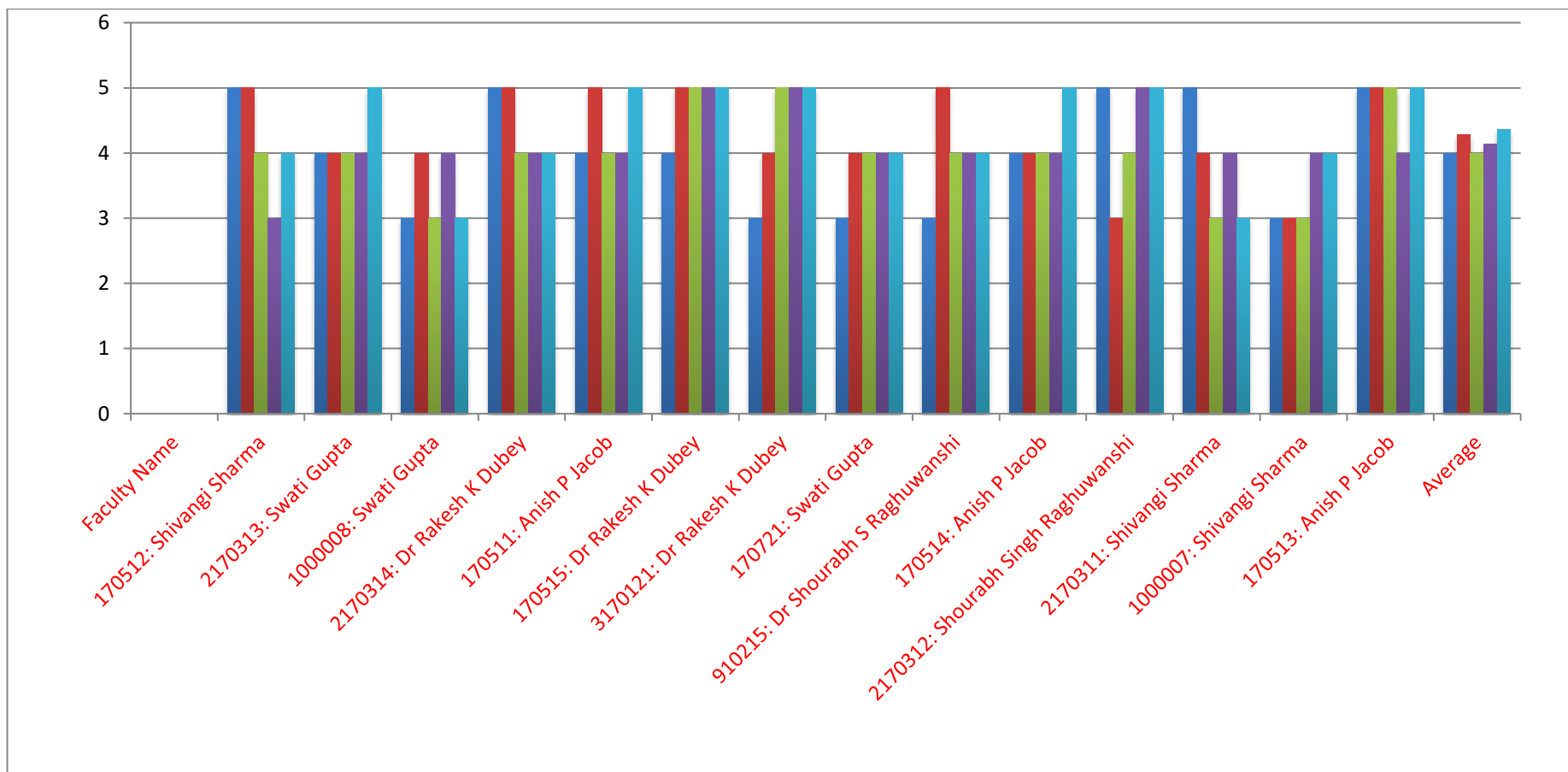
Parameter (Average Grading)	1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
170721-14 DE-II	3.5	3.33	3.67	3.17	3.16	3.16	3.5	3.35
910215 OC-2	3.5	3.33	3.5	3.5	3.5	3.5	3.5	3.47
1000008 Universal Human Values and Professional Ethics	3.67	3.67	3.83	4.33	4.33	4.33	4	4.02



FACULTY FEEDBACK ON COURSE CURRICULUM

S.No	Comments	Action Taken
1.	Yes, the environment allows for a free exchange of ideas, thoughts and skills among the facilitators and learners	Team work is appreciated, department will try to maintain the consistency

TEACHERS' COURSE CURRICULUM FEEDBACK (by teacher on MOODLE): (Jul – Dec 2023)





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. (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)
170512: Mass Transfer-II	5	5	4	3	4
2170313: Chemical Engineering Thermodynamics	4	4	4	4	5
1000008: Universal Human Values and Professional Ethics	3	4	3	4	3
2170314: Heat Transfer	5	5	4	4	4
170511: Data Science	4	5	4	4	5
170515: Inorganic Process Technology	4	5	5	5	5



3170121: Fuel Technology	3	4	5	5	5
170721: Transport Phenomena	3	4	4	4	4
910215: Industrial Safety and Hazards	3	5	4	4	4
170514: Computational Methods in Chemical Engineering	4	4	4	4	5
2170312: Organic Process Technology	5	3	4	5	5
2170311: Fluid Mechanics	5	4	3	4	3
1000007: Disaster Management	3	3	3	4	4
170513: Chemical Reaction Engineering - I	5	5	5	4	5
Average	4	4.285714286	4	4.142857143	4.357142857
	Satisfactory	Good	Good	Good	Good

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

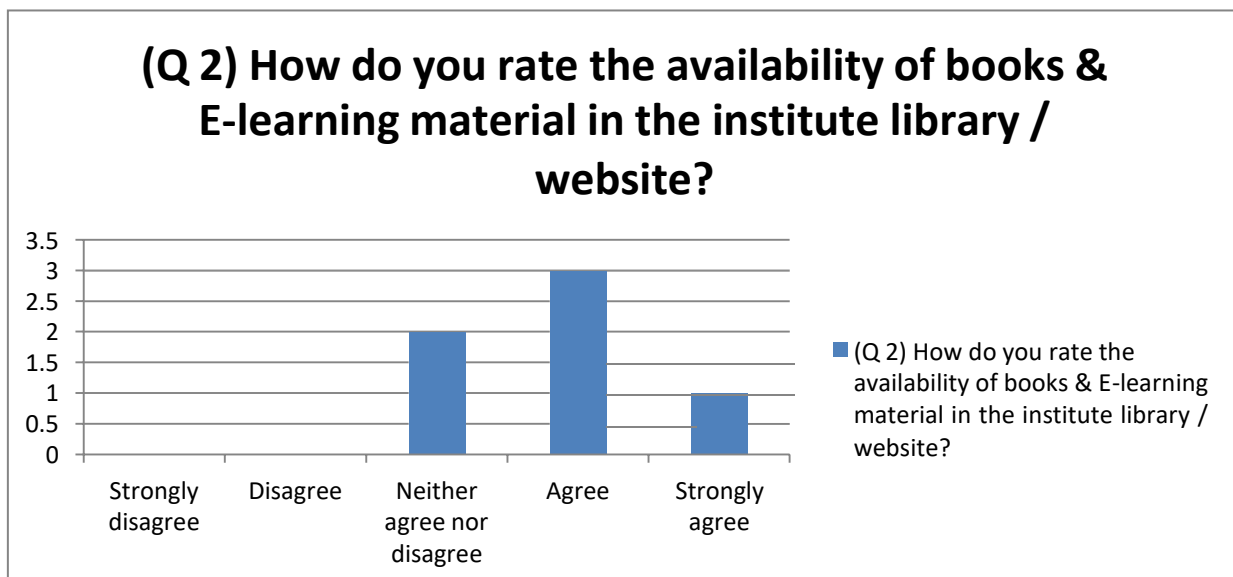
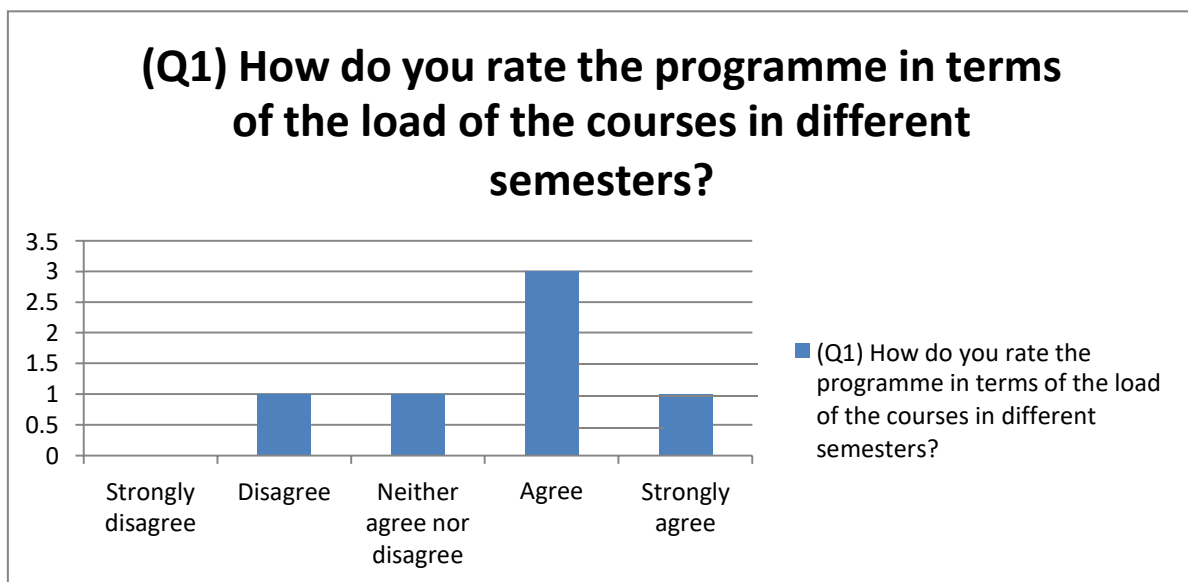
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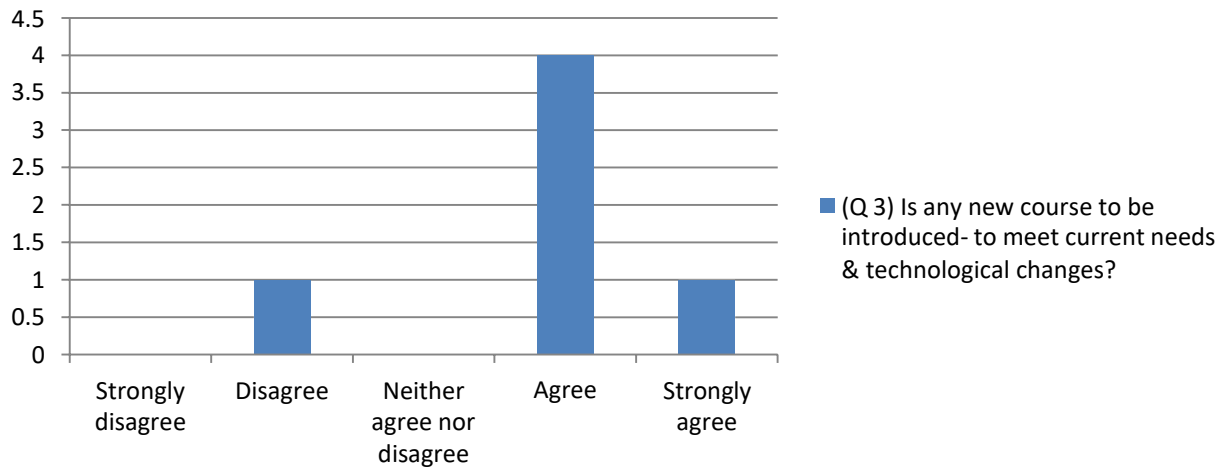
Parent Feedback

S. No.	Comments	Action Taken
1.	<ul style="list-style-type: none">There will be some more concern about student's future job opportunities	It has been informed to placement cell.

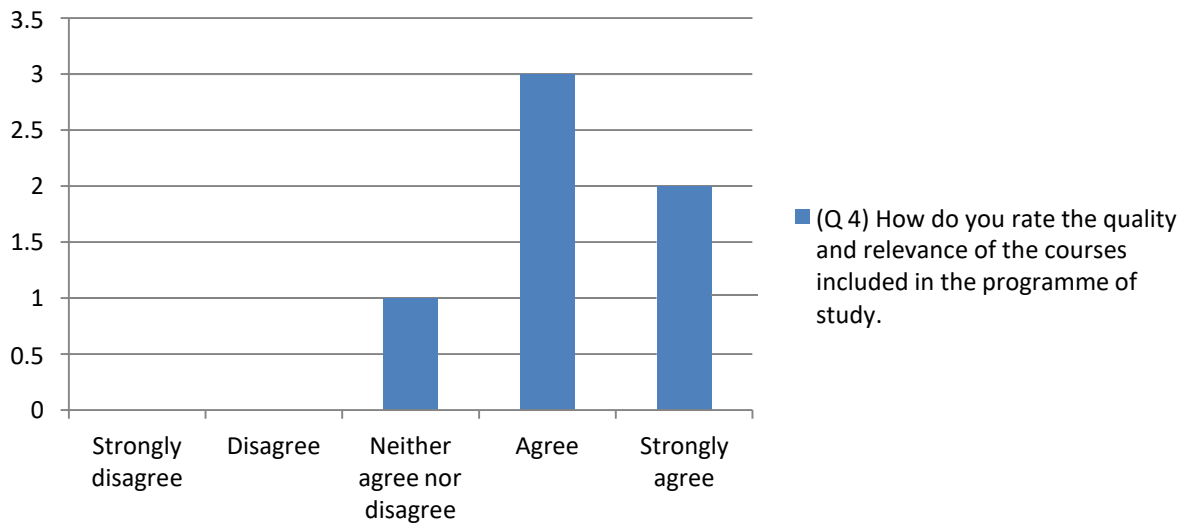
Parent Satisfaction Survey 2nd year 2023 – 24) Sample Size: 06



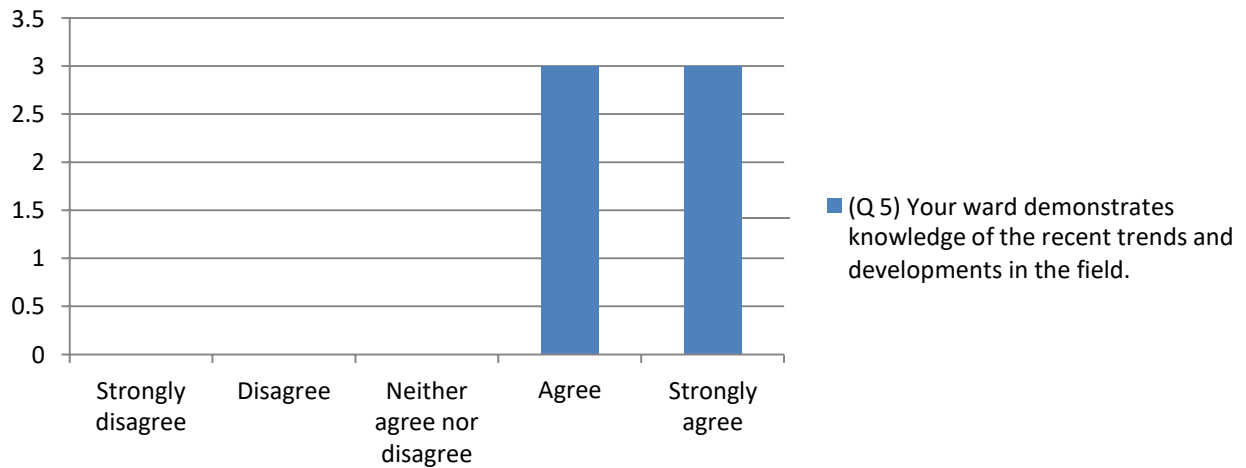
(Q 3) Is any new course to be introduced- to meet current needs & technological changes?



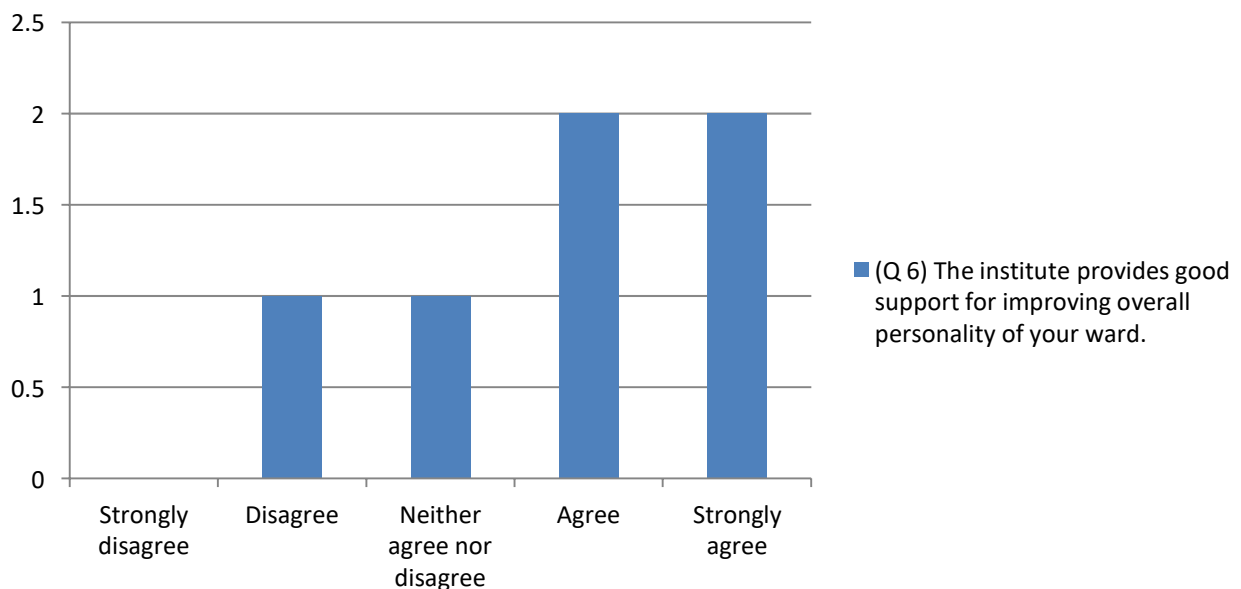
(Q 4) How do you rate the quality and relevance of the courses included in the programme of study.



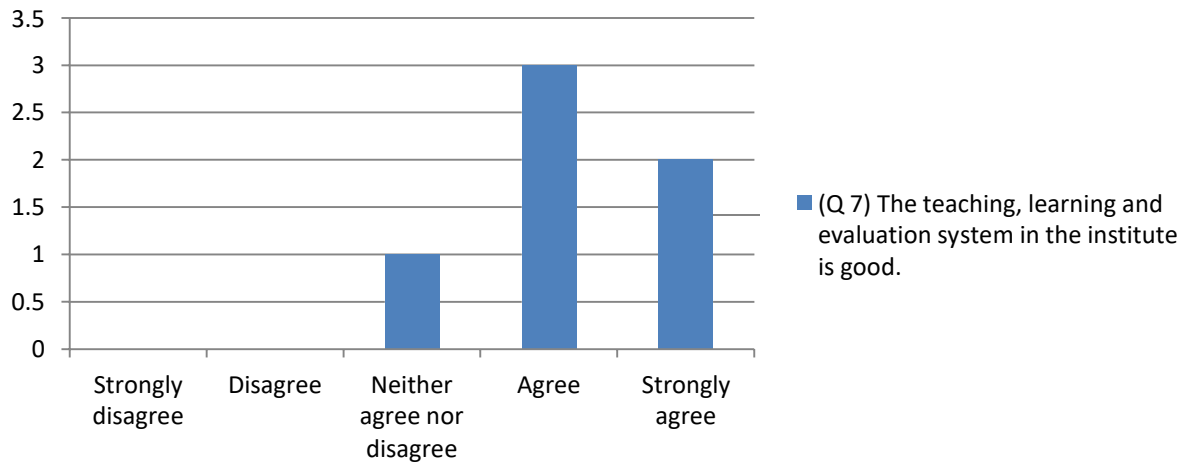
(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.



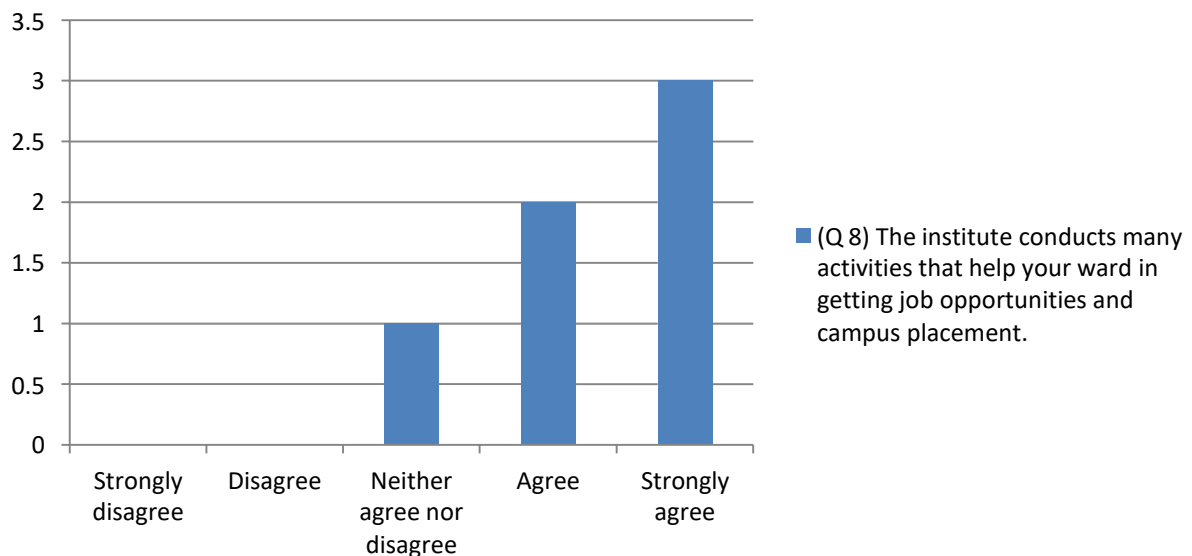
(Q 6) The institute provides good support for improving overall personality of your ward.



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

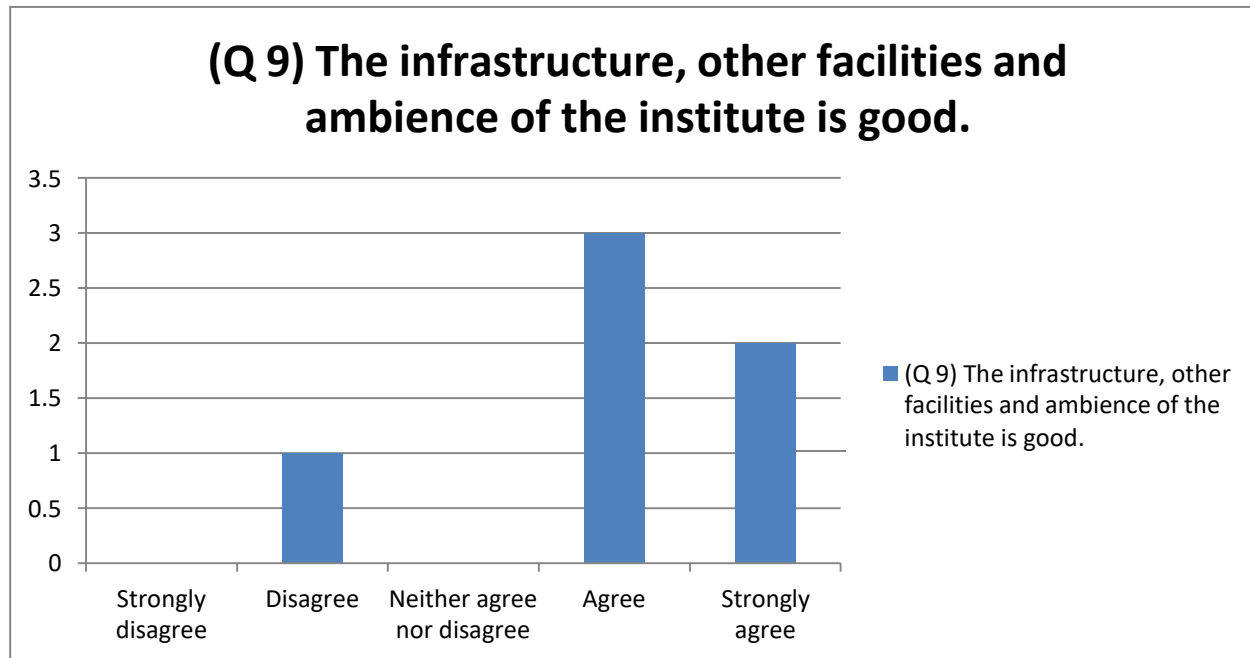


(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.



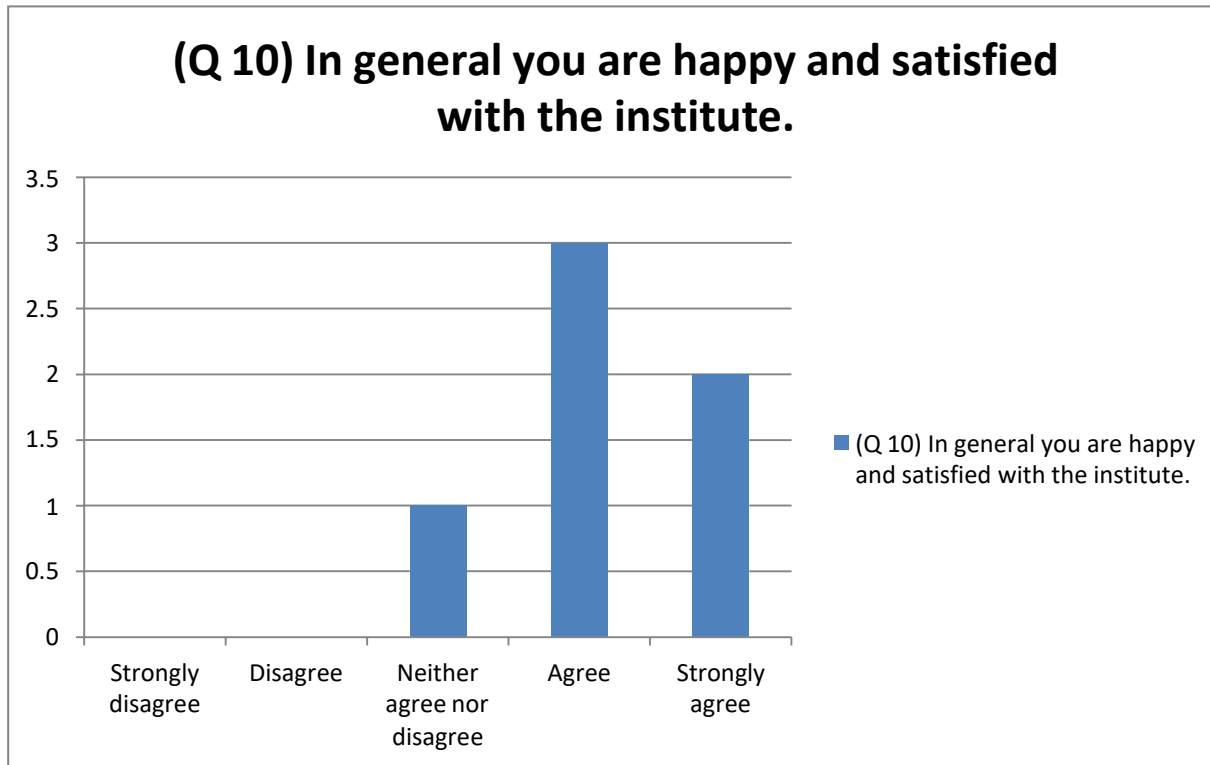
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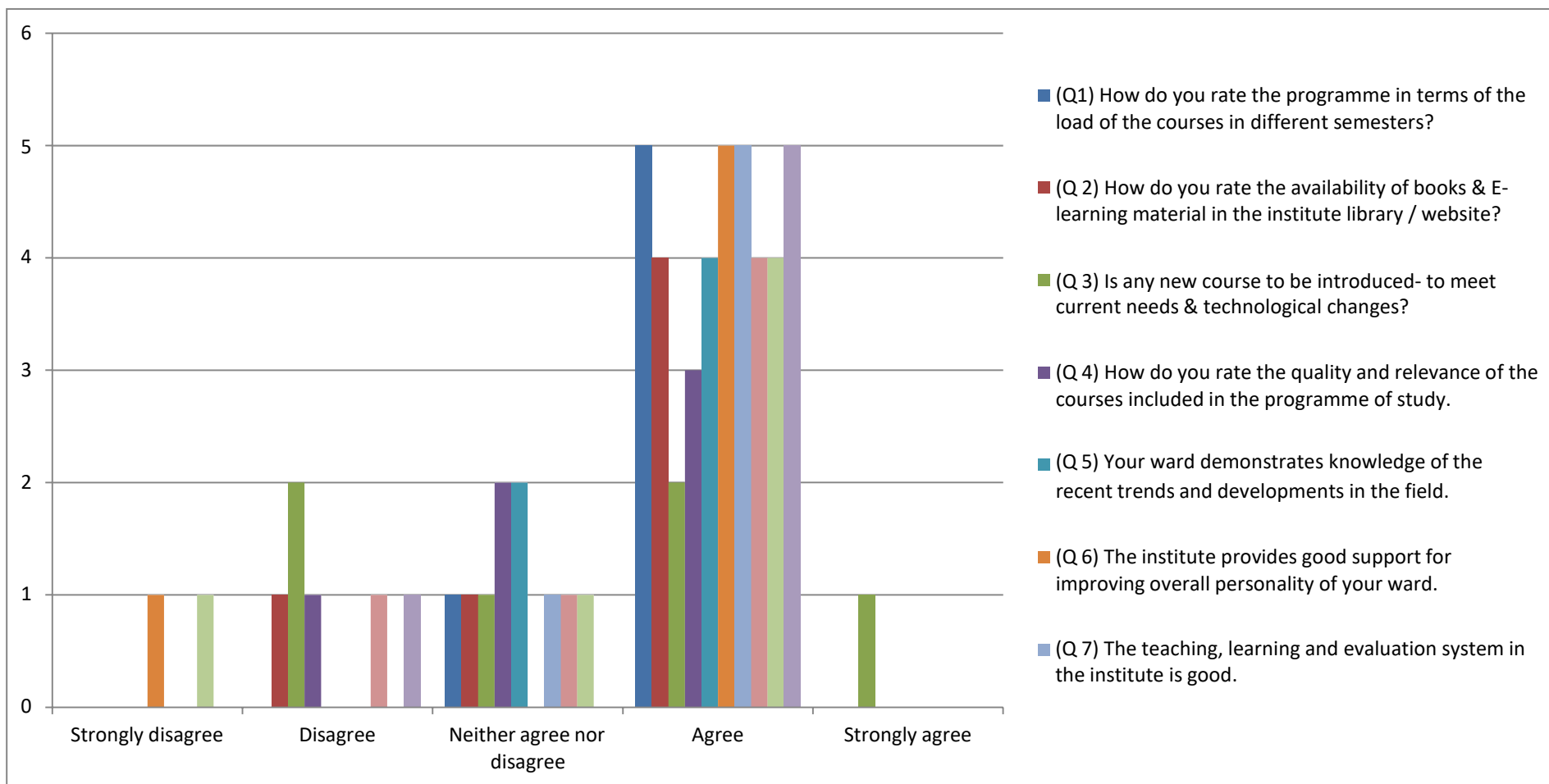
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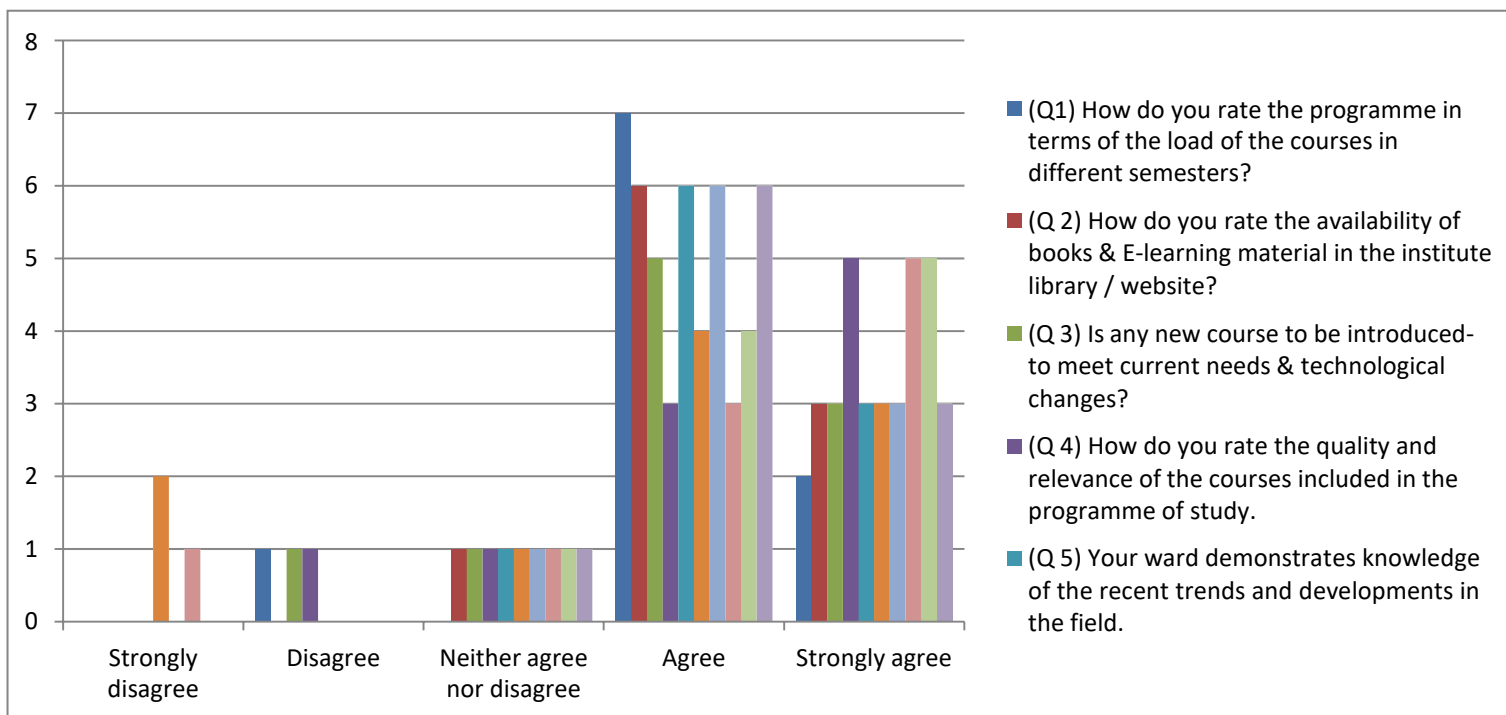
Parent Satisfaction Survey 2nd year 2023 – 24) Sample Size: 06



Summary Sheet Parent Satisfaction survey 2nd year (2023– 24) Sample Size: 6

	(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	1	0
Disagree	0	0	0	0	0	1	1	0	1	1
Neither agree nor disagree	1	3	3	3	1	2	2	4	1	2
Agree	10	5	7	7	7	6	3	6	7	5
Strongly agree	2	5	3	3	5	4	7	3	3	5
Parent Satisfaction Index (PSI)	4.08	4.15	4.00	4.00	4.31	4.00	4.23	3.92	3.77	4.08

Parent Satisfaction Survey 3rd year 2023 – 24) Sample Size: 10



Summary Sheet Parent Satisfaction survey 3rd year (2023 – 24) Sample Size: 10

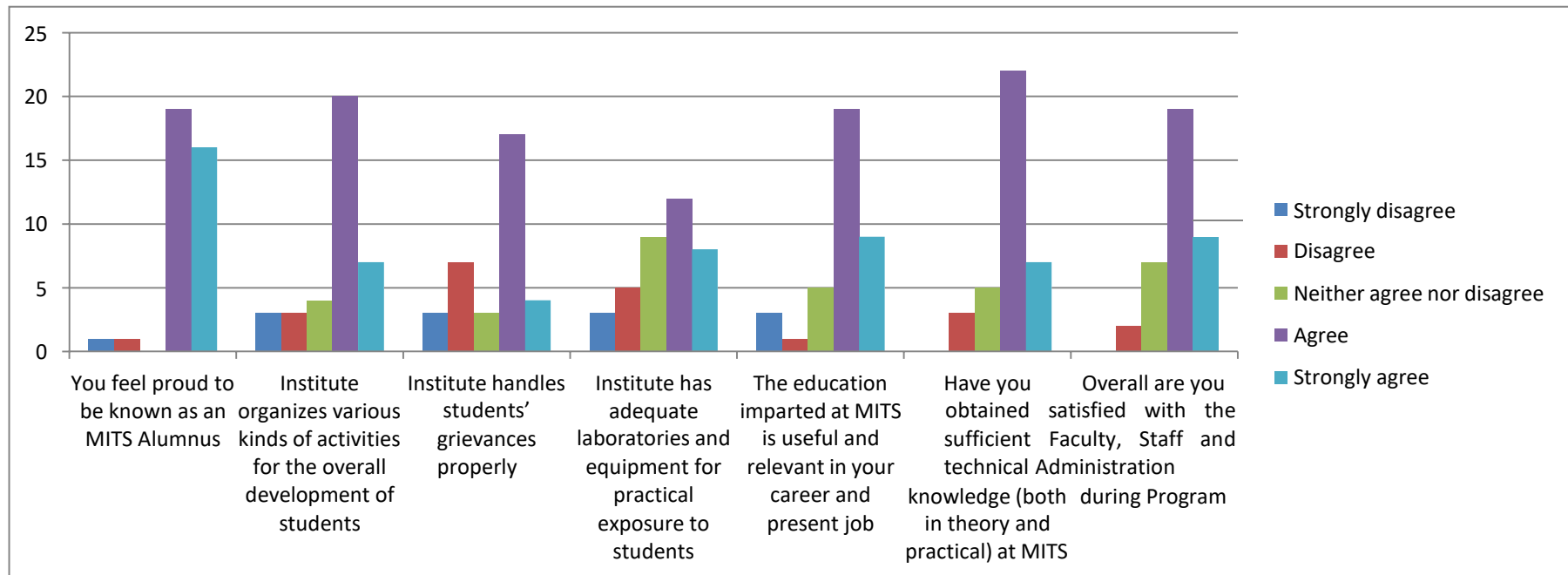
	(Q1) How do you rate the programme in terms of the load of the courses in different semesters?	(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?	(Q 3) Is any new course to be introduced- to meet current needs & technological changes?	(Q 4) How do 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	2	0	1	0	0
Disagree	1	0	1	1	0	0	0	0	0	0
Neither agree nor disagree	0	1	1	1	1	1	1	1	1	1
Agree	7	6	5	3	6	4	6	3	4	6
Strongly agree	2	3	3	5	3	3	3	5	5	3
Parent Satisfaction Index (PSI)	4.00	4.20	4.00	4.20	4.20	3.60	4.20	4.10	4.40	4.20

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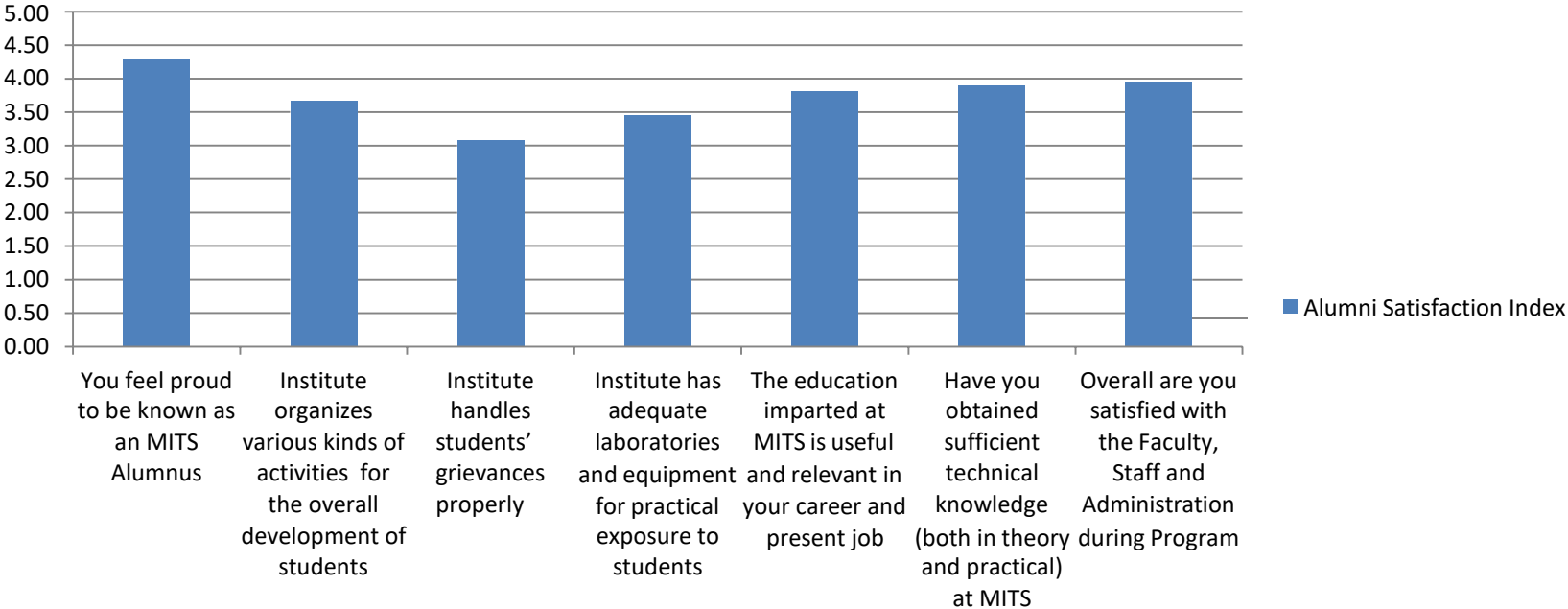
Alumni Feedback

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

ALUMNI SATISFACTION SURVEY: (2023-2024): Sample Size: 37



Alumni Satisfaction Index



SUMMARY SHEET (Alumni Satisfaction Survey) Sample Size: 37

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	1	0	19	16	4.30
Institute organizes various kinds of activities for the overall development of students	3	3	4	20	7	3.68
Institute handles students' grievances properly	3	7	3	17	4	3.08
Institute has adequate laboratories and equipment for practical exposure to students	3	5	9	12	8	3.46
The education imparted at MITS is useful and relevant in your career and present job	3	1	5	19	9	3.81
Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	3	5	22	7	3.89
Overall are you satisfied with the Faculty, Staff and Administration during Program	0	2	7	19	9	3.95

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

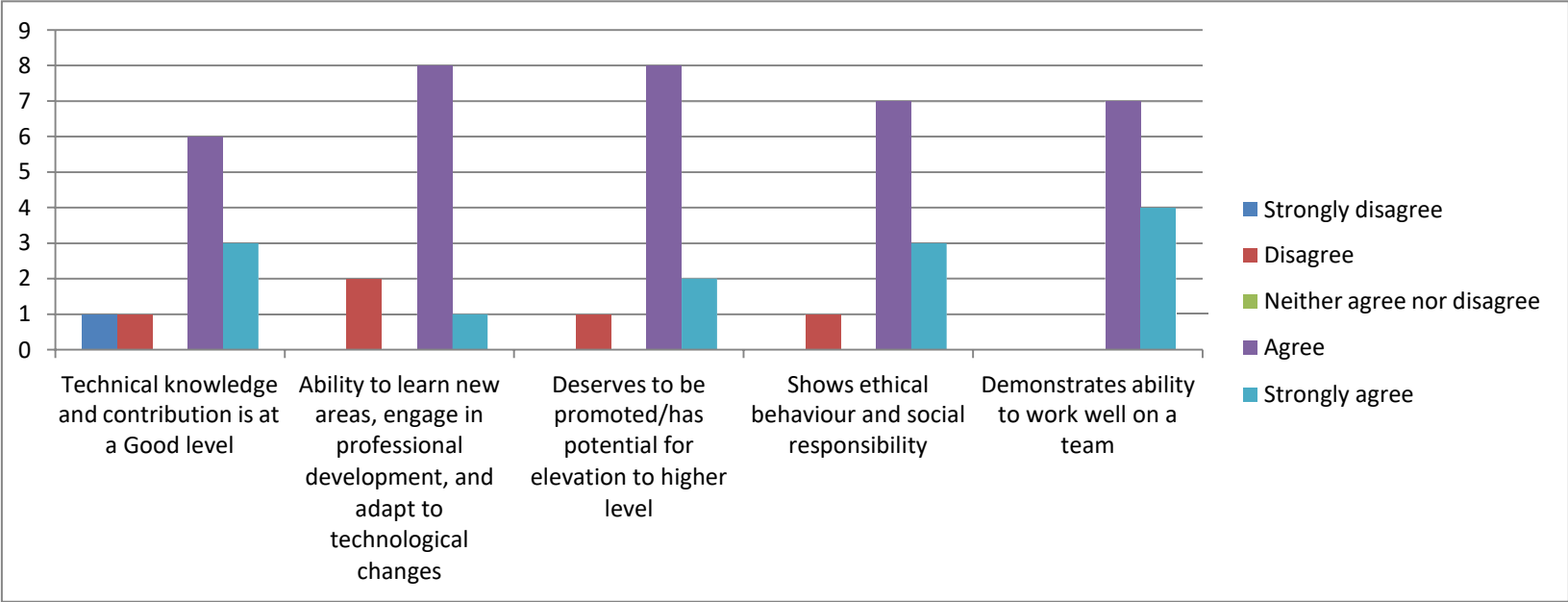
Details of Alumni who gave Feedback

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 Shrivastava	GACL-NALCO Alkalies And Chemicals	subh.mits88@gmail.com	-
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	-	noddyy24@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

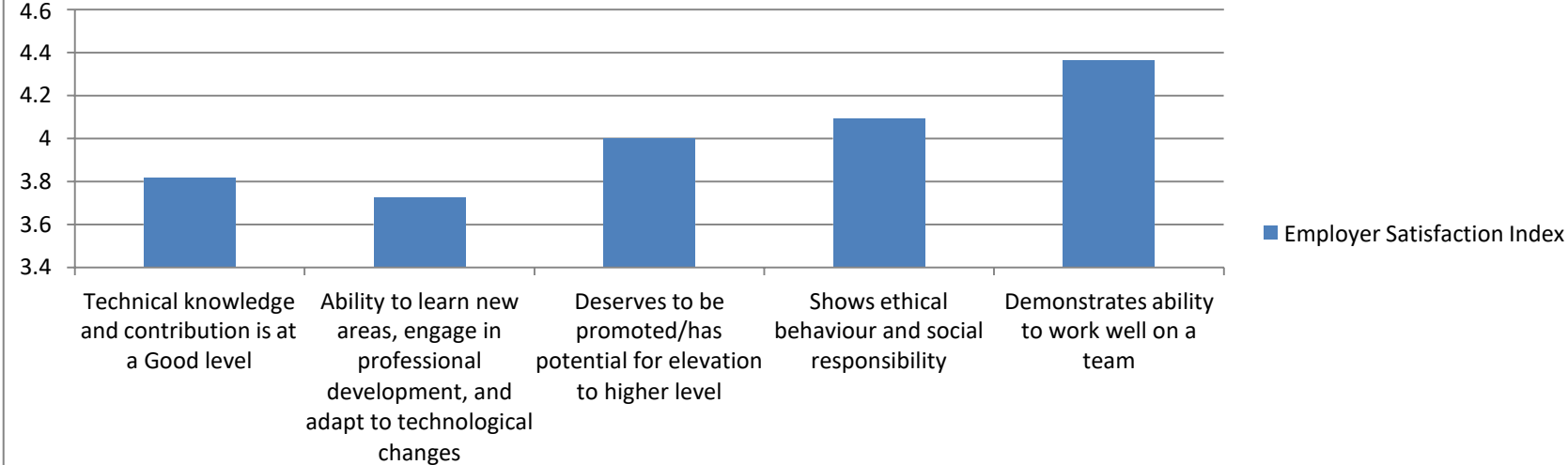
Employer Feedback

S. No.	Comments	Action Taken
1 .	They must focus on the core rather making aware about other subjects	Courses are offered according NEP
2 .	The courses offered are only relevant upto a certain level there should be a proper commencement of newly technologies introduced in the industries then only we can make graduates ready for an industry. They must taught about the ethics and principles which one should follow while working inside the chemical industries.	New Technology and Industry related course already offered in flexible curriculum.
3 .	Must include an optional course on chemical/industrial operations which are practiced in different process industries.	Some Such courses are offered on NPTEL platform under DE
4 .	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.
5 .	If possible, addition of 2-3 months of internship or practising of students in multiple industries to get contemporary knowledge in industrial operations.	Students get industrial (1 month) visit after 6 th sem and during 8 th sem most of the students are engaged with industrial internship (4-6months)

EMPLOYER SATISFACTION SURVEY: (2023-2024): Sample Size: 11



Employer Satisfaction Index



SUMMARY SHEET (Employer Satisfaction Survey) Sample Size: 11

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	1	0	6	3	3.82
Ability to learn new areas, engage in professional development, and adapt to technological changes	0	2	0	8	1	3.73
Deserves to be promoted/has potential for elevation to higher level	0	1	0	8	2	4.00
Shows ethical behaviour and social responsibility	0	1	0	7	3	4.09
Demonstrates ability to work well on a team	0	0	0	7	4	4.36

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)						

