

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

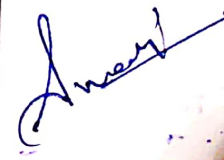
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Department of Chemical Engineering

Feedback Analysis & Action Taken Report

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

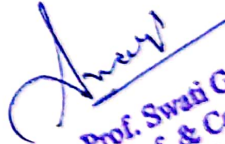
Prof. Swati Gupta
Asst. Prof. & Coordinator
Chemical Engg.
M.I.T.S., Gwalior (M.P.)




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


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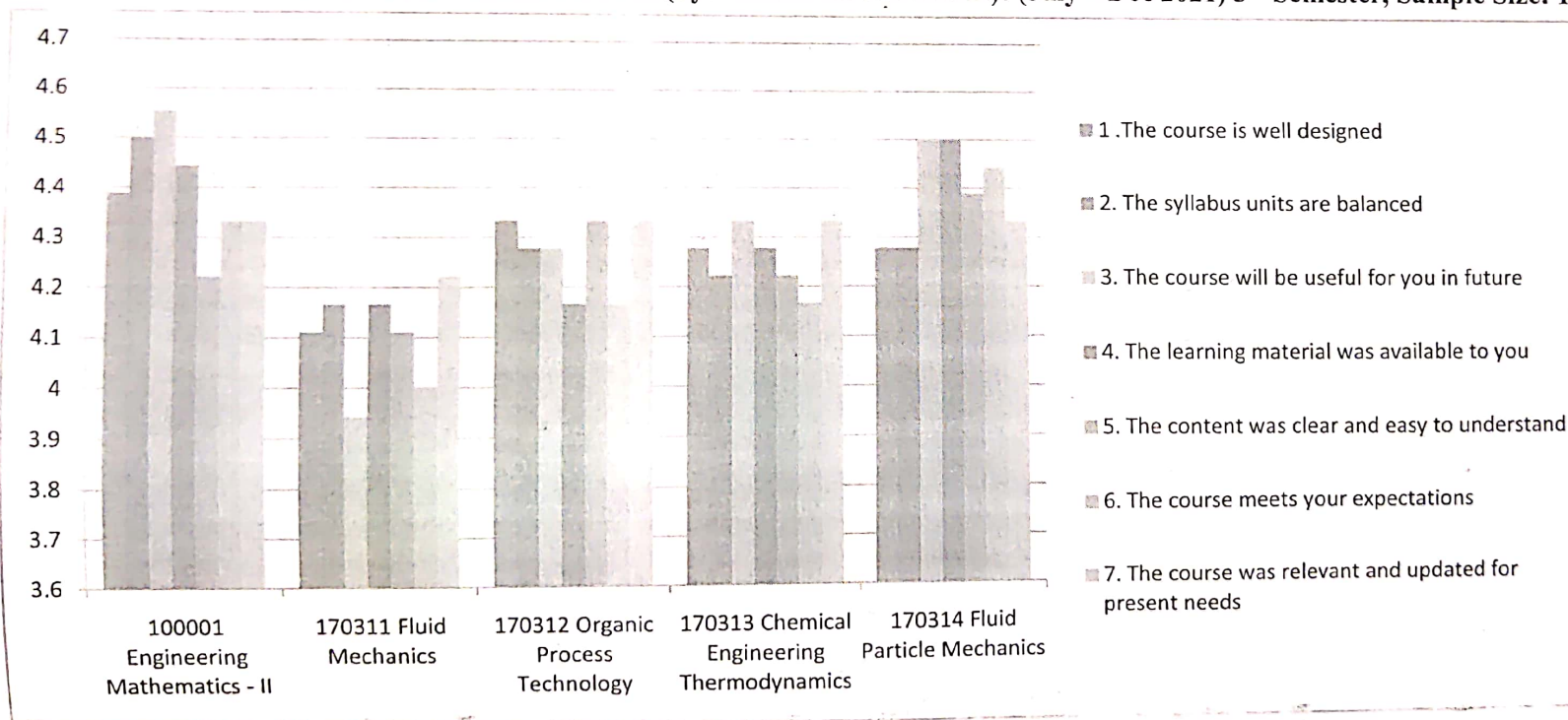
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Students Feedback on Course Curriculum

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

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



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

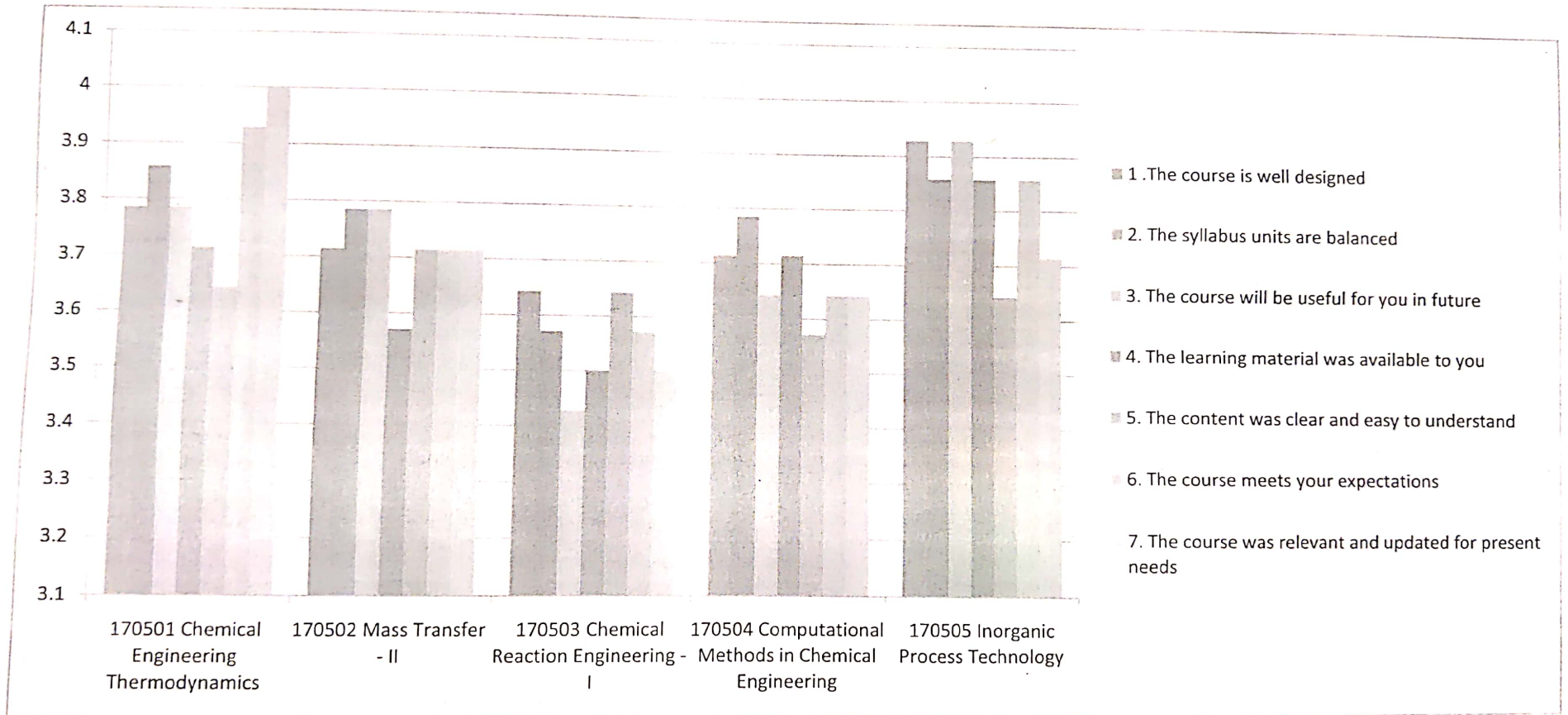
Parameter (Average Grading)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs	CSI
100001 Engineering Mathematics - II	4.388888889	4.5	4.555555556	4.444444444	4.222222222	4.333333333	4.333333333	4.4
170311 Fluid Mechanics	4.111111111	4.166666667	3.944444444	4.166666667	4.111111111	4	4.222222222	4.1
170312 Organic Process Technology	4.333333333	4.277777778	4.277777778	4.166666667	4.333333333	4.166666667	4.333333333	4.27
170313 Chemical Engineering Thermodynamics	4.277777778	4.222222222	4.333333333	4.277777778	4.222222222	4.166666667	4.333333333	4.26
170314 Fluid Particle Mechanics	4.277777778	4.277777778	4.5	4.5	4.388888889	4.444444444	4.333333333	4.39
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								

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



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

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

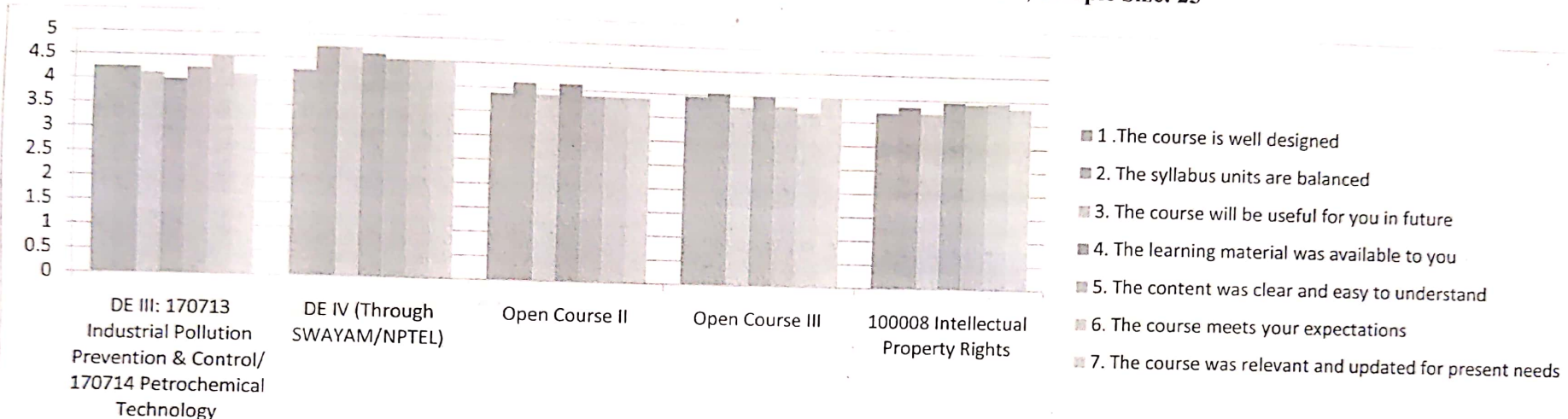

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Course Curriculum Feedback (by students on MOODLE): (Jul – Dec 2021) 7th Semester, Sample Size: 25



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

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

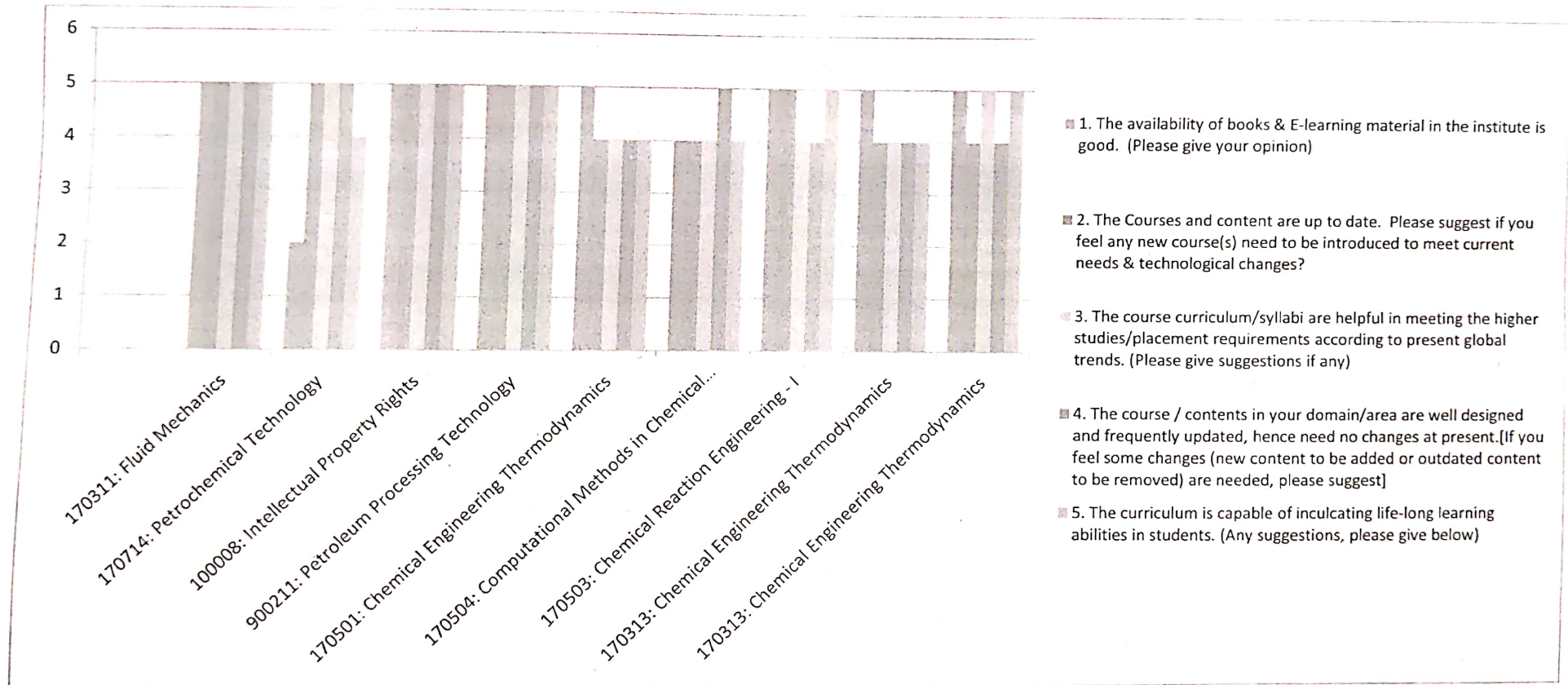
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Faculty Feedback on Course Curriculum

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

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



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


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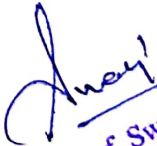


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SUMMARY SHEET (Teachers Course Curriculum Feedback by Teacher on MOODLE)

Parameter (Average Grading)	1. The availability of books & E-learning material in the institute is good.	2. The Courses and content are up to date.	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	5. The curriculum is capable of inculcating life-long learning abilities in students.
170311: Fluid Mechanics	5	5	5	5	5
170714: Petrochemical Technology	2	5	5	5	4
100008: Intellectual Property Rights	5	5	5	5	5
900211: Petroleum Processing Technology	5	5	5	5	5
170501: Chemical Engineering Thermodynamics	5	4	4	4	4
170504: Computational Methods in Chemical Engineering	4	4	4	5	4
170503: Chemical Reaction Engineering - I	5	5	4	4	5
170313: Chemical Engineering Thermodynamics	5	4	4	4	4
170313: Chemical Engineering Thermodynamics	5	4	5	4	5
TSI	4.555555556	4.555555556	4.555555556	4.555555556	4.555555556
Teacher Course Satisfaction Index (TSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)					


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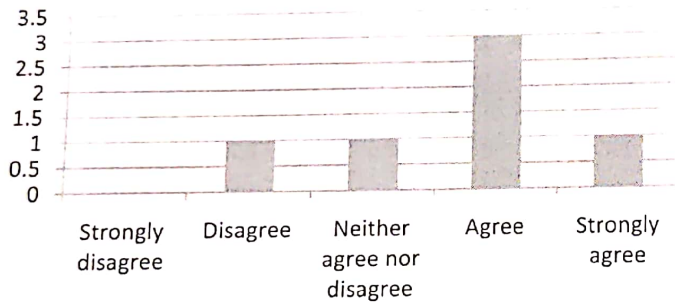


Parent Feedback

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

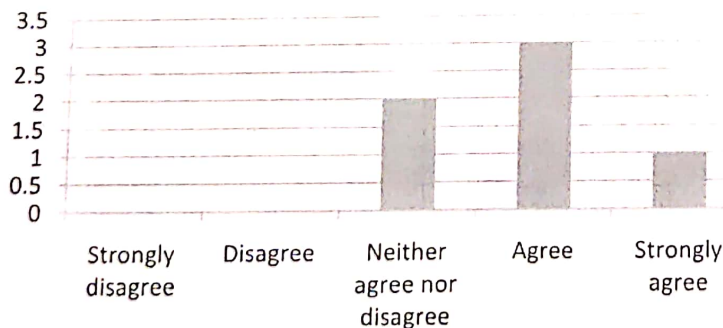
Parent Satisfaction Survey 2nd year 2021 – 22) Sample Size: 06

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



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

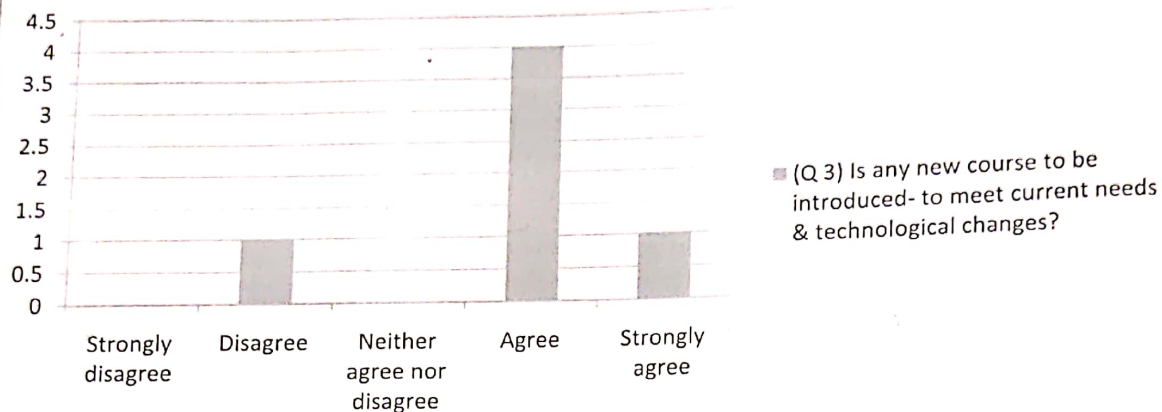
(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?



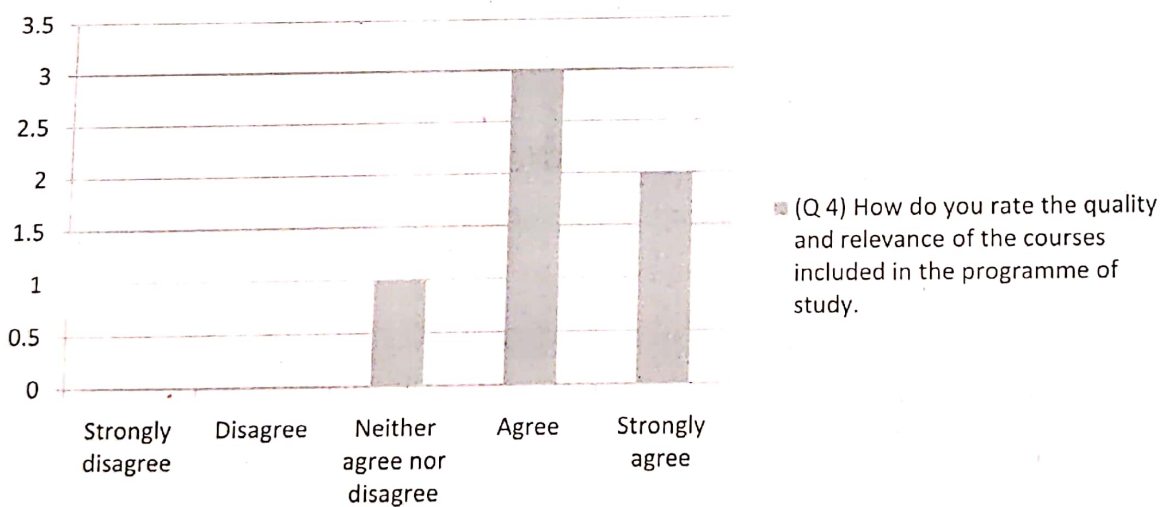
■ (Q 2) How do you rate the availability of books & E-learning material in the institute library / website?

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



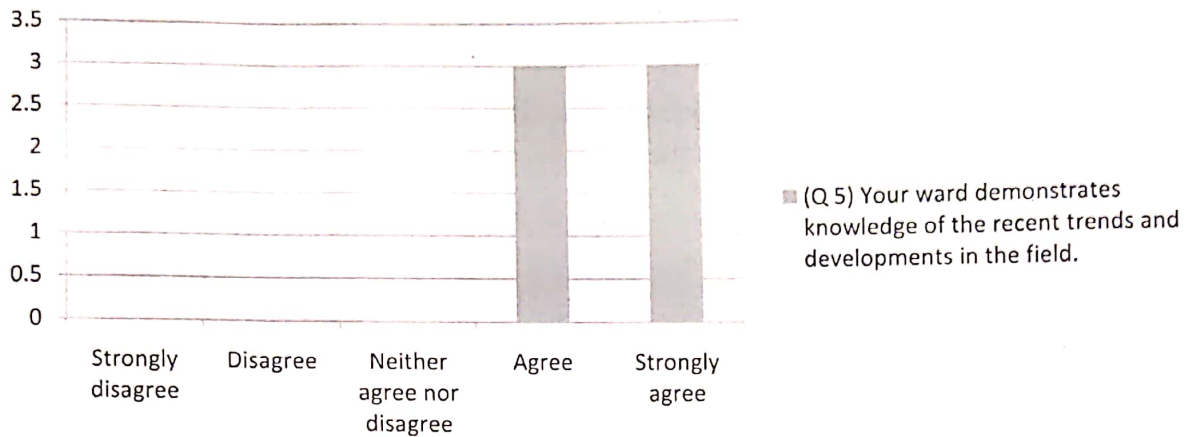
(Q 4) How do you rate the quality and relevance of the courses included in the programme of study.



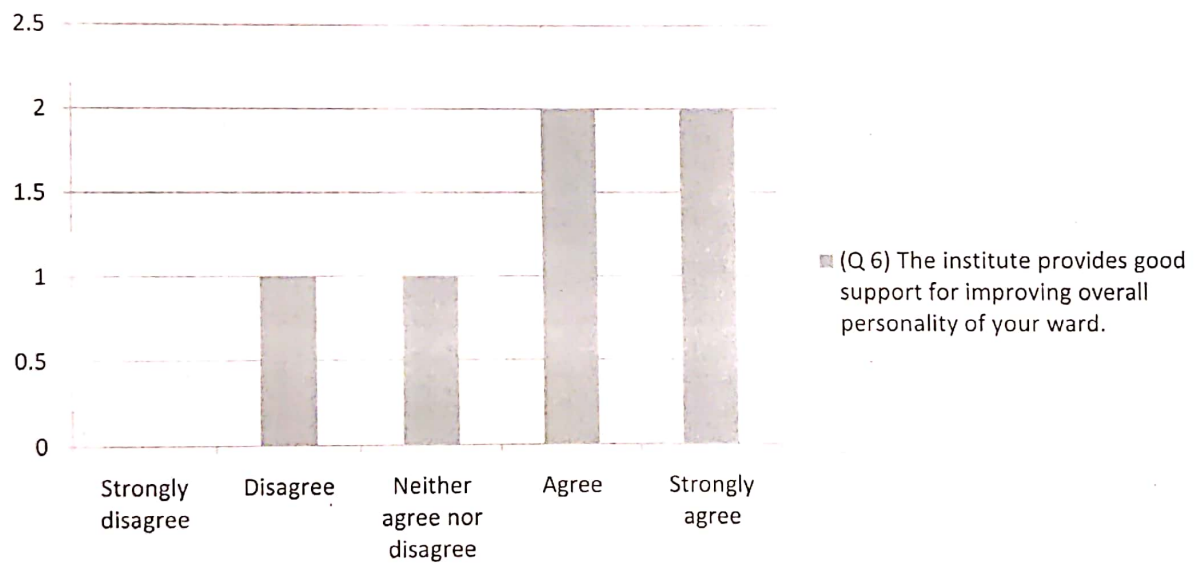
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**Asst. Prof. & Coordinator
 Chemical Engg.
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(Q 5) Your ward demonstrates knowledge of the recent trends and developments in the field.

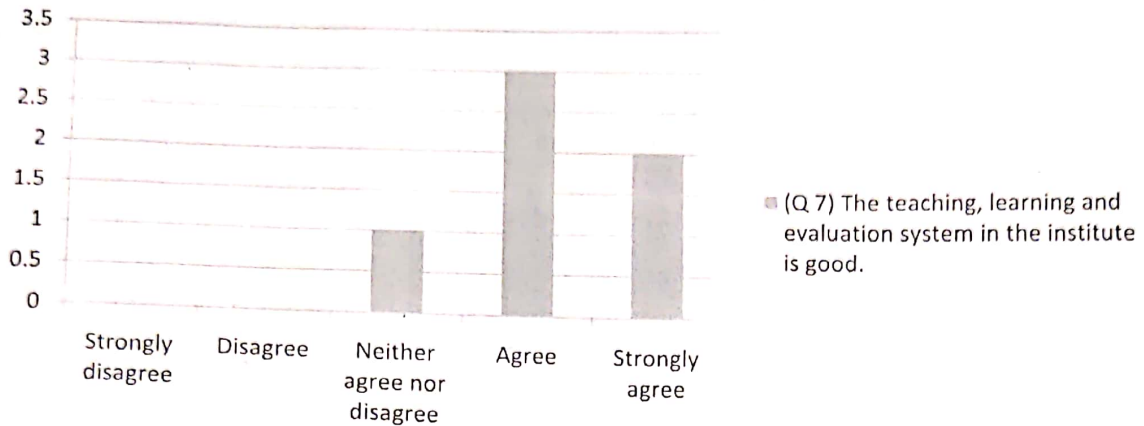


(Q 6) The institute provides good support for improving overall personality of your ward.

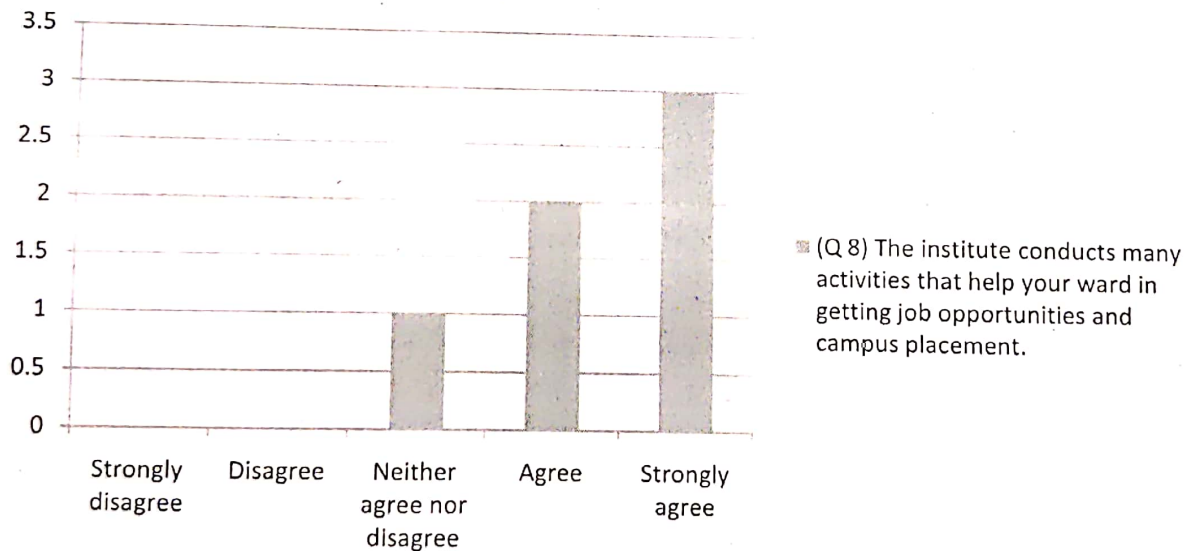


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Coordinator
Chemical Engg.
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(Q 7) The teaching, learning and evaluation system in the institute is good.

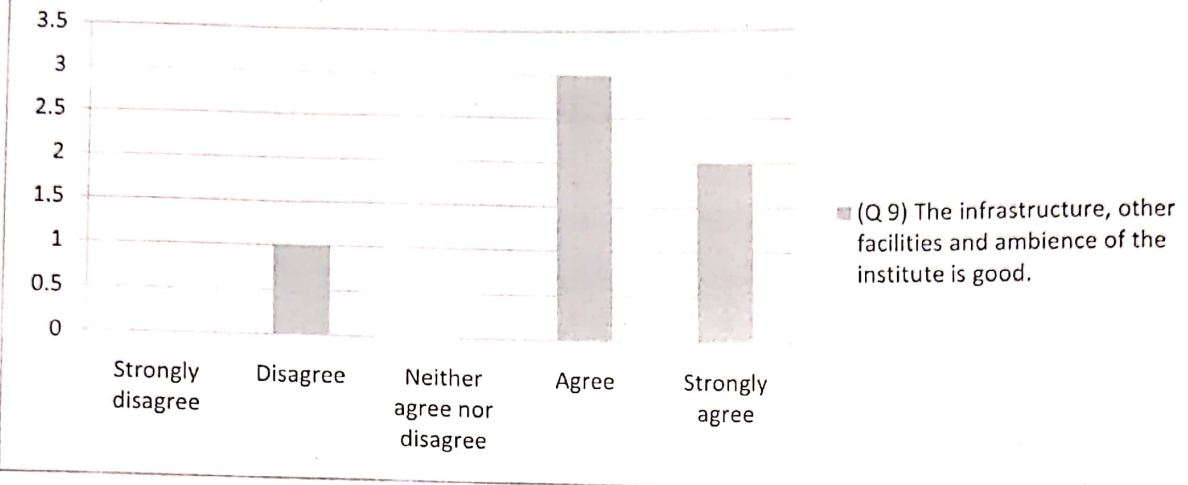


(Q 8) The institute conducts many activities that help your ward in getting job opportunities and campus placement.

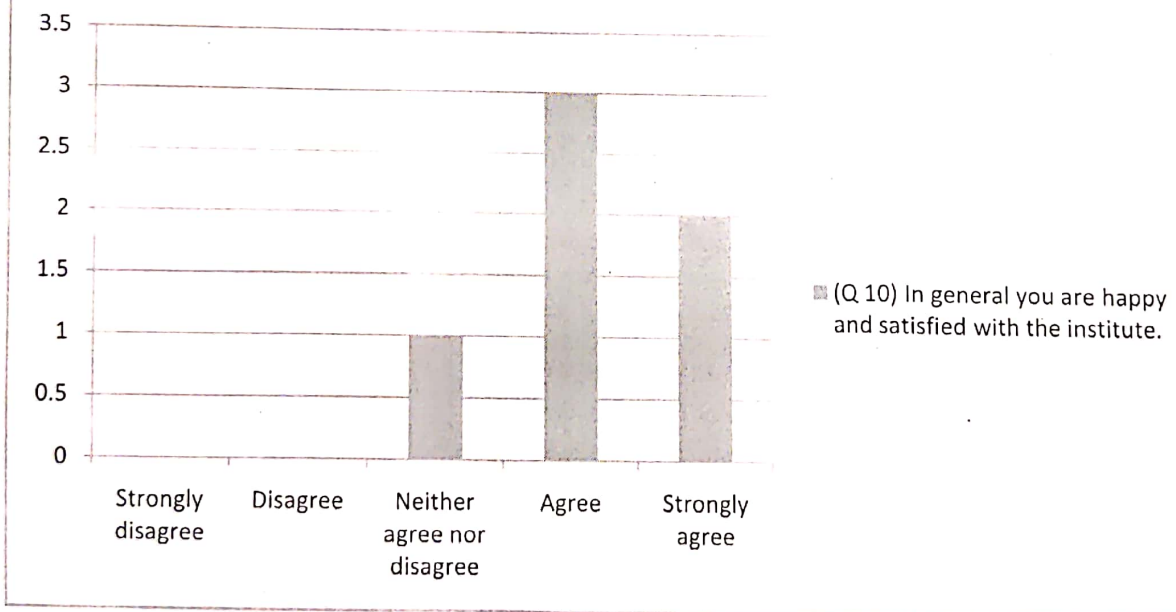


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**(Q 9) The infrastructure, other facilities and
ambience of the institute is good.**



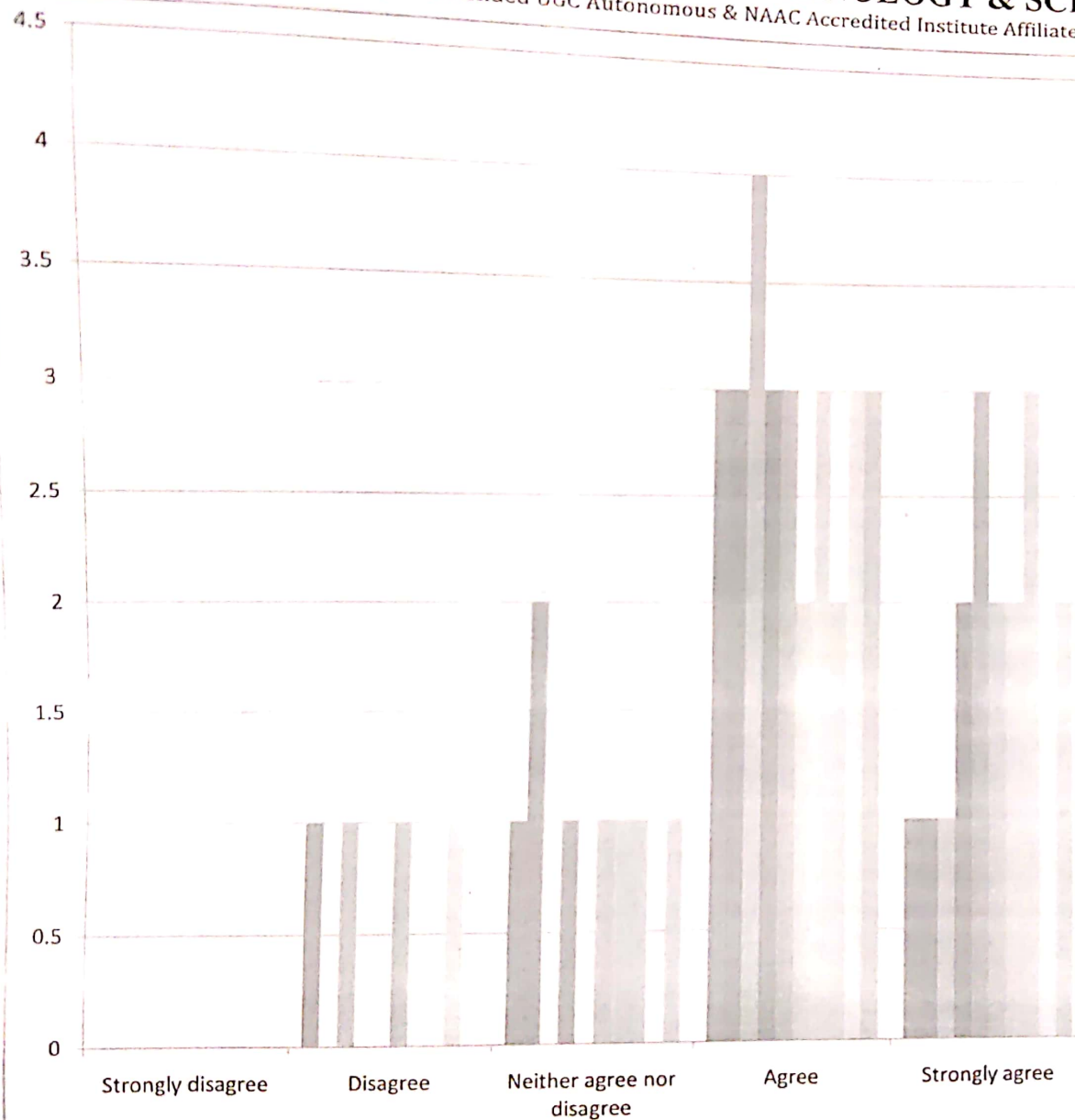
**(Q 10) In general you are happy and satisfied
with the institute.**



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

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

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

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

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

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

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

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

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

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

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

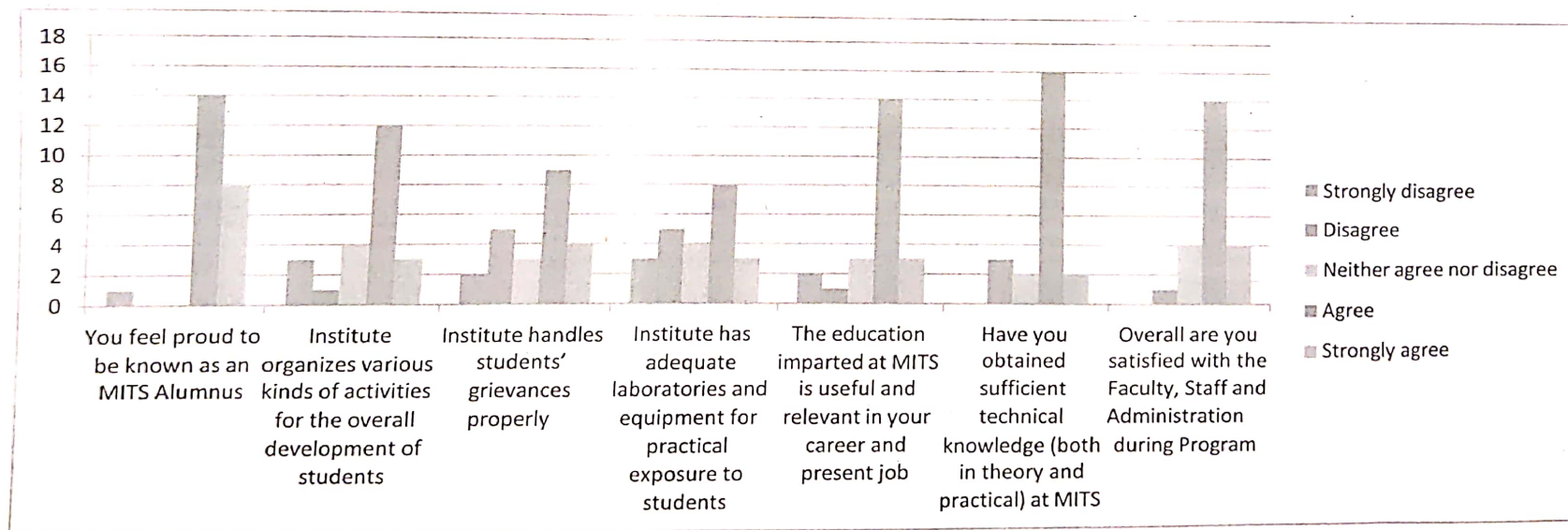
	(Q1) How do you rate the programme in terms of the load of the courses in different semesters?	(Q 2) How do you rate the availability of books & E-learning material in the institute library / website?	(Q 3) Is any new course to be introduced- to meet current needs & technological changes?	(Q 4) How do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

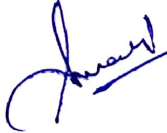

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Alumni Feedback		
S. No.	Comments	Action Taken
1	Revision of syllabus is required	Already discussed and changed in BoS accordingly
2	Need to particularly focus on practical application rather than teaching theories.	All the faculty members have been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

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



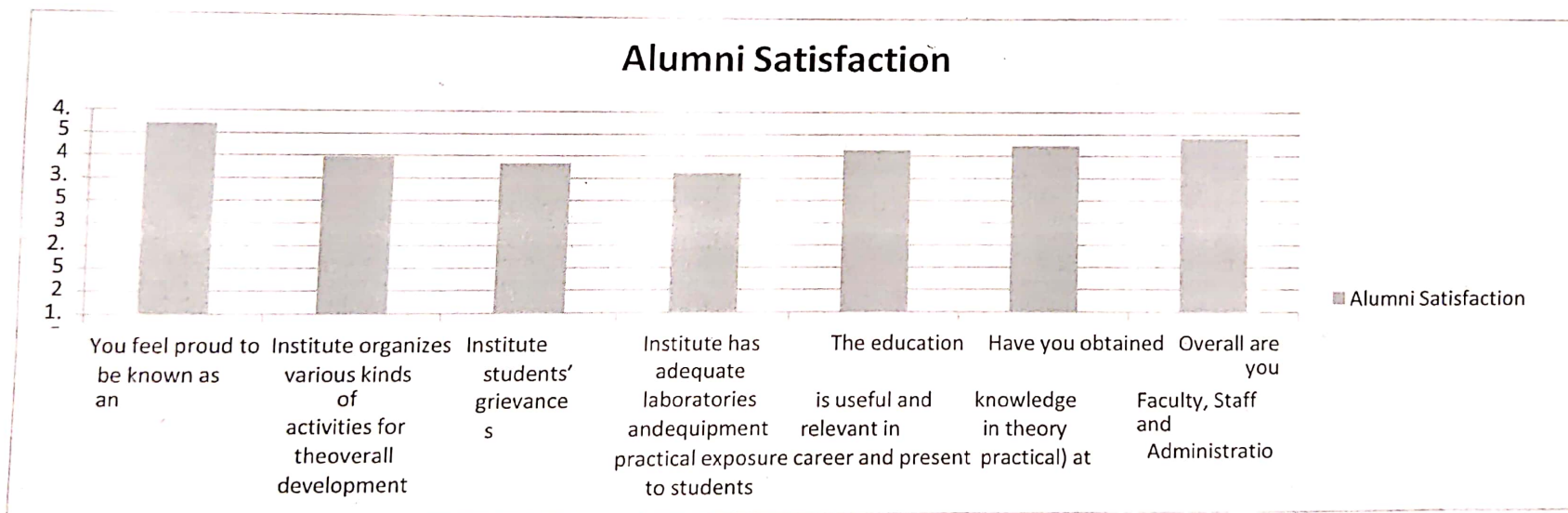

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SUMMARY SHEET (Alumni Satisfaction Survey) Sample Size: 23


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

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




Details of Alumni who gave Feedback

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


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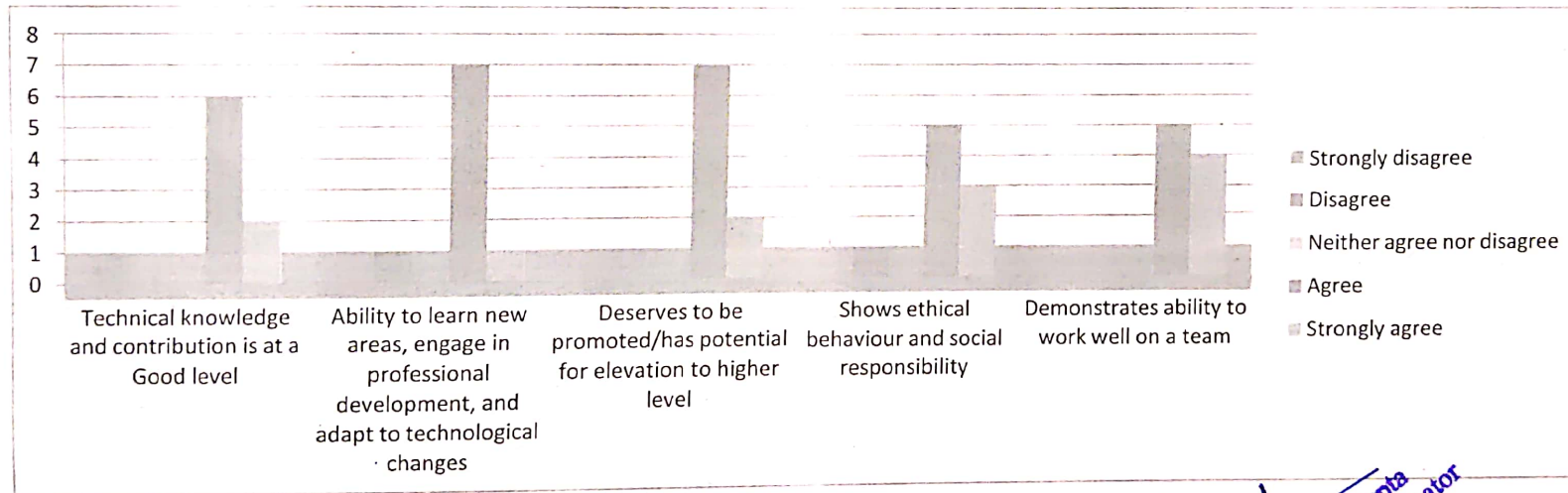
	Shrivastava			
5.	Indraneel Nandi	KBR technology	indraneel.nandi@gmail.com	9911345984
6.	Radhika Paliwal	Streamingo.ai	paliwalradhika162@gmail.com	8963914208
7.	Soniya Markam	CSIR-NML jamshedpur	Soniyamarkam397@gmail.com	9425993239
8.	Akshar Pandey	SRF Ltd	aksharpandey88@gmail.com	7814687561
9.	Lokesh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

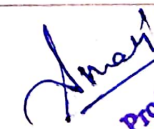

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Employer Feedback

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

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



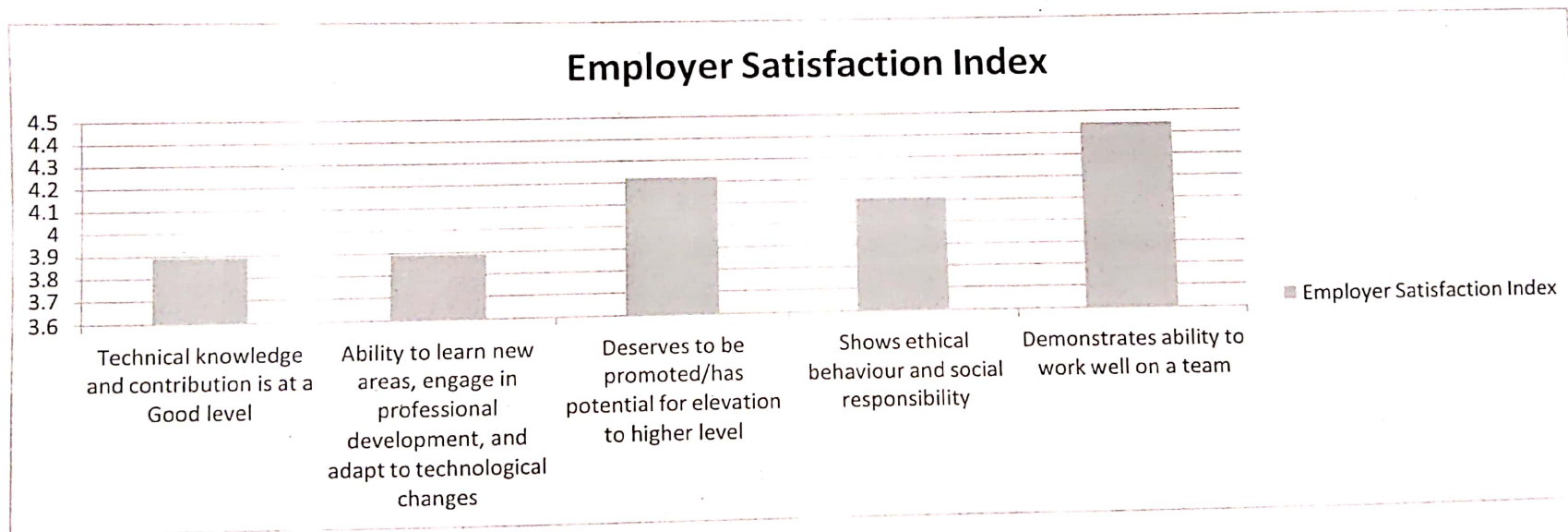

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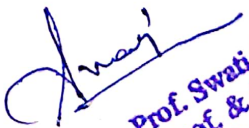


SUMMARY SHEET (Employer Satisfaction Survey) Sample Size: 09

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

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




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