ANALYSIS OF STUDENT FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2022-23)
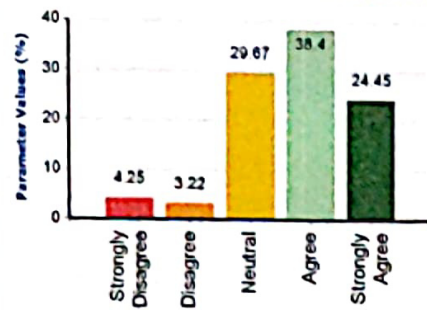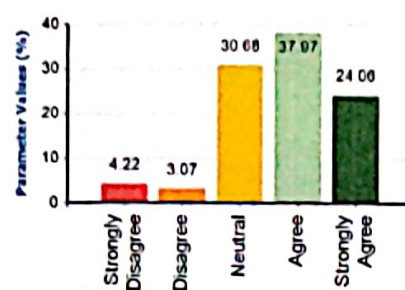
Programme : Bachelor of Science (Information Technology)
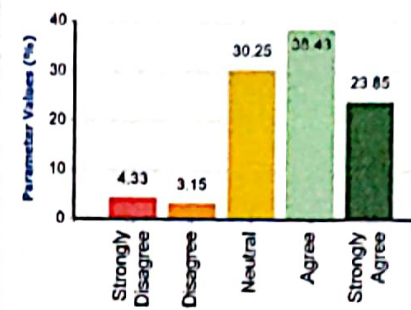
### The sequence of the content is well organized.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.25	3.22	29.67	38.4	24.45

Uniformity of syllabus in terms of curriculum load.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.22	3.07	30.68	37.97	24.06

Course curriculum is career oriented.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.33	3.15	30.25	38.43	23.85

Learning values are inclined for development of skills, concepts, knowledge and analytical abilities.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.22	2.82	30.46	38.29	24.2
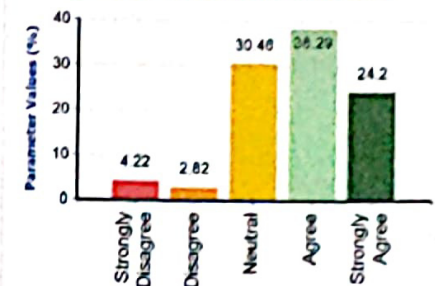
The curriculum justifies the assigned lectures.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.25	2.82	30.39	38.65	23.88
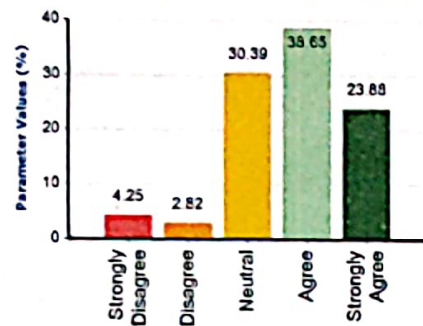
The course curriculum covers the latest developments in relevant areas.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.22	3.11	30.6	38.61	23.45
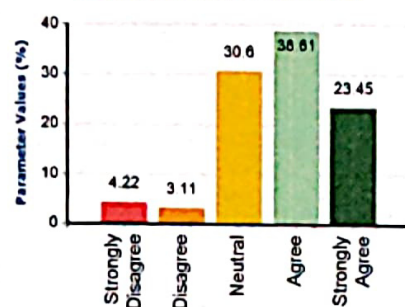
Course curriculum contains scope of relevant activities.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.15	2.93	30.71	38.51	23.7
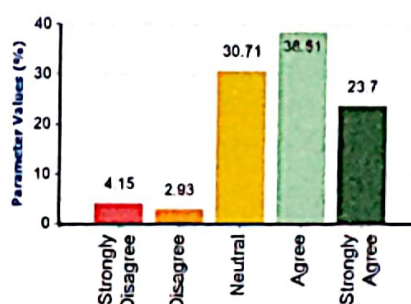
The course content is updated rationally.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.18	3.07	31.03	37.9	23.81
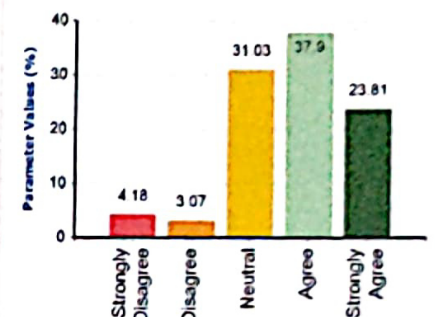
The course curriculum has good balance between theory and practical applications.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.22	2.88	30.53	38.33	24.06
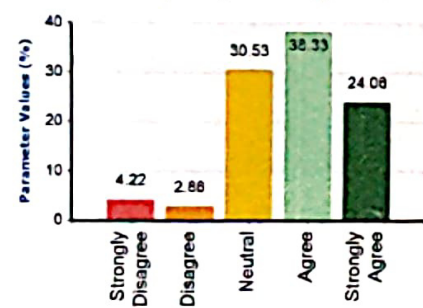
The Course content encourages self and extra curriculum learning.
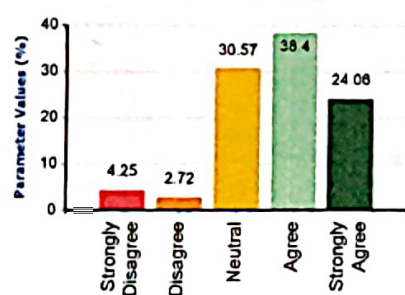
Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
4.25	2.72	30.57	38.4	24.06

Average Rating

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Rating	2.76	2.75	2.74	2.75	2.75	2.74	2.75	2.74	2.75	2.75

Summary Chart

Strongly Disagree ■ Dis Agree ■ Neutral ■ Agree ■ Strongly Agree

	Strongly Disagree	Dis Agree	Neutral	Agree	Strongly Agree
Q1	4.25	3.22	29.67	38.4	24.45
Q2	4.22	3.07	30.68	37.97	24.06
Q3	4.33	3.15	30.25	38.43	23.85
Q4	4.22	2.82	30.46	38.29	24.2
Q5	4.25	2.82	30.39	38.65	23.88
Q6	4.22	3.11	30.6	38.61	23.45
Q7	4.15	2.93	30.71	38.51	23.7
Q8	4.18	3.07	31.03	37.9	23.81
Q9	4.22	2.88	30.53	38.33	24.06
Q10	4.25	2.72	30.57	38.4	24.08
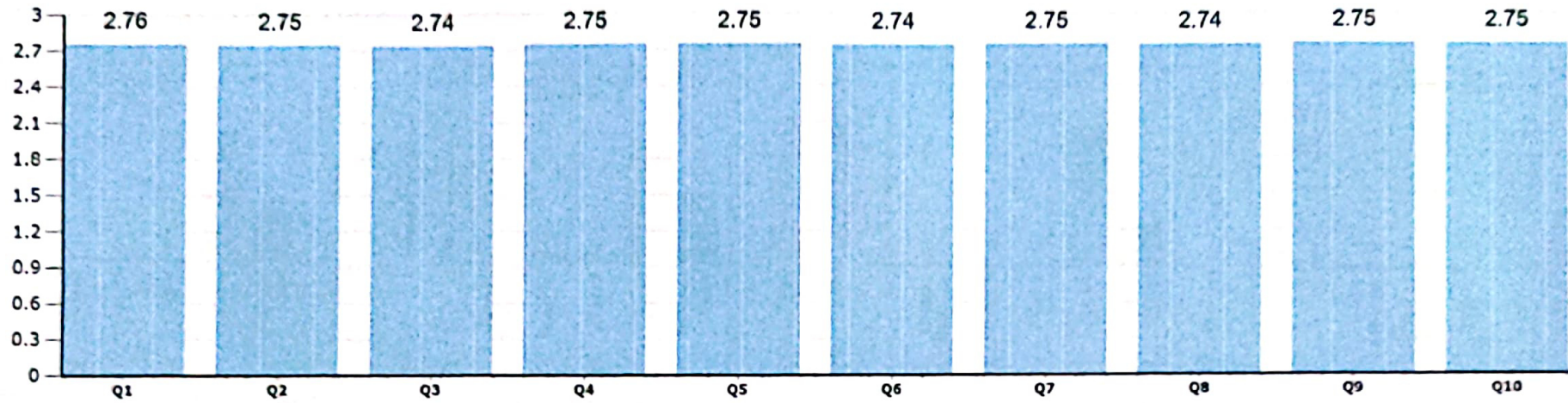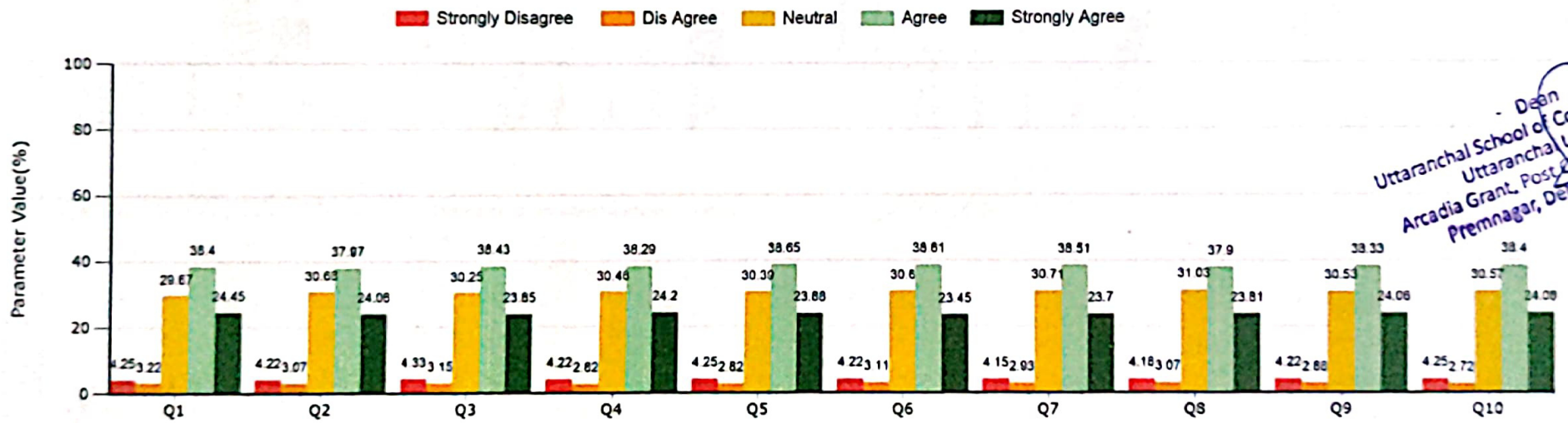
ANALYSIS OF FACULTY FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2022-23)

Programme : Bachelor of Science (Information Technology)

The course content is in conformity with the course objectives and outcomes.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 0
- Agree: 67.92
- Strongly Agree: 32.08

The course curriculum is well balanced between theory and/or practical/field work knowledge.
- Strongly Disagree: 0
- Disagree: 5.66
- Neutral: 3.77
- Agree: 58.49
- Strongly Agree: 32.08

The course content has been presented from basic to advance.
- Strongly Disagree: 0
- Disagree: 1.89
- Neutral: 1.89
- Agree: 73.58
- Strongly Agree: 22.64

The current course content is sufficient to fulfil the gap between industry and academics.
- Strongly Disagree: 1.89
- Disagree: 3.77
- Neutral: 3.77
- Agree: 60.38
- Strongly Agree: 30.19

Credit allocation is rational to the coverage of the course curriculum.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 0
- Agree: 77.36
- Strongly Agree: 22.64

The curriculum has focus on skill development/employability/entrepreneurship
- Strongly Disagree: 0
- Disagree: 1.89
- Neutral: 1.89
- Agree: 64.15
- Strongly Agree: 32.08

The course content has increased knowledge and interest in the subject area.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 0
- Agree: 69.81
- Strongly Agree: 30.19

The text books and reference books mentioned in the syllabus are relevant and updated.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 5.66
- Agree: 64.15
- Strongly Agree: 30.19

The course curriculum improves students comprehension of the domain.
- Strongly Disagree: 3.77
- Disagree: 0
- Neutral: 3.77
- Agree: 73.58
- Strongly Agree: 18.87

The course curriculum needs moderation.
- Strongly Disagree: 24.53
- Disagree: 35.85
- Neutral: 16.98
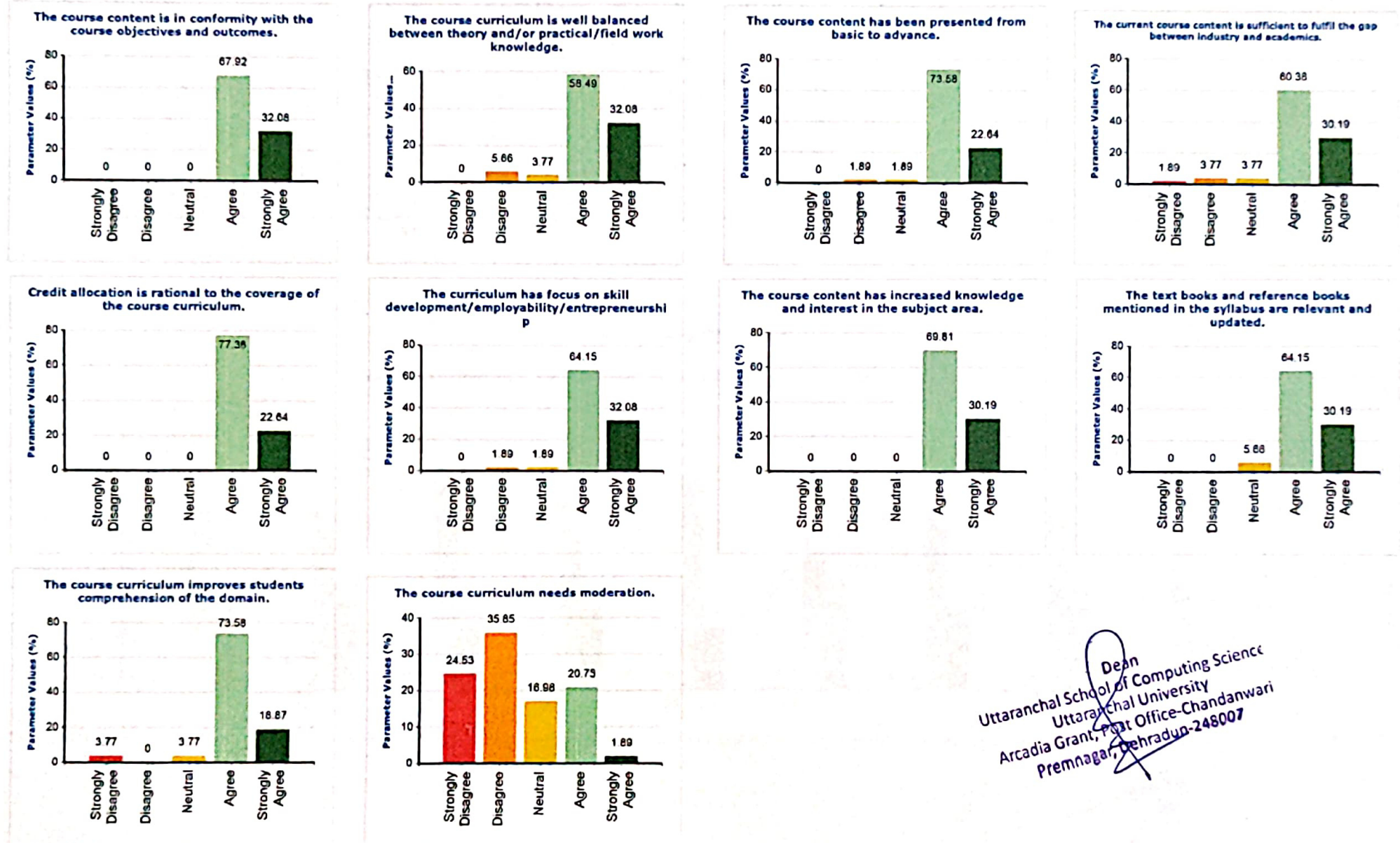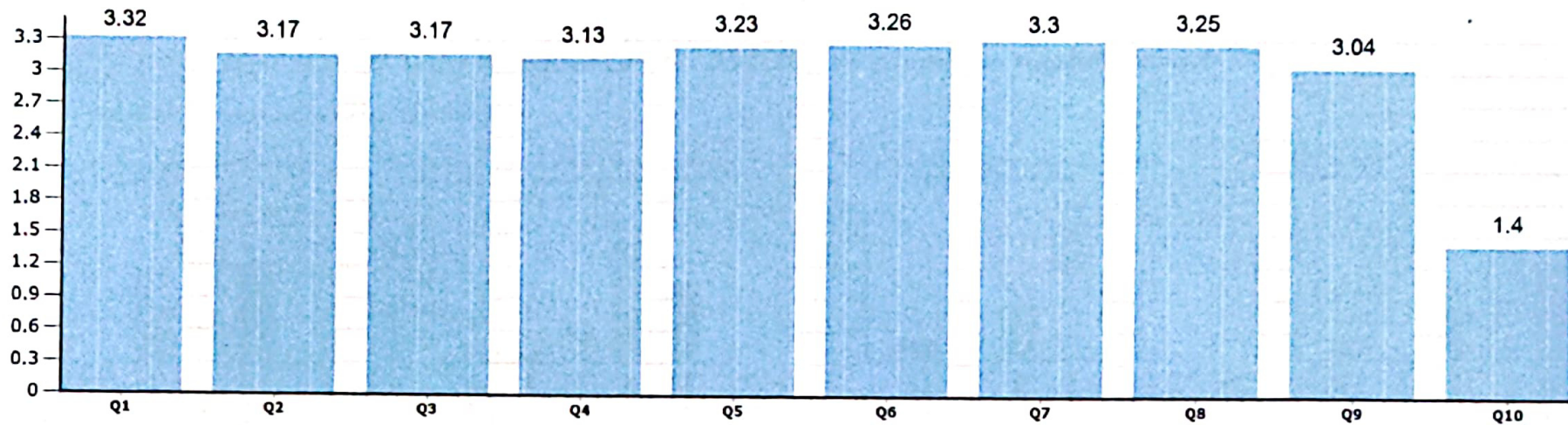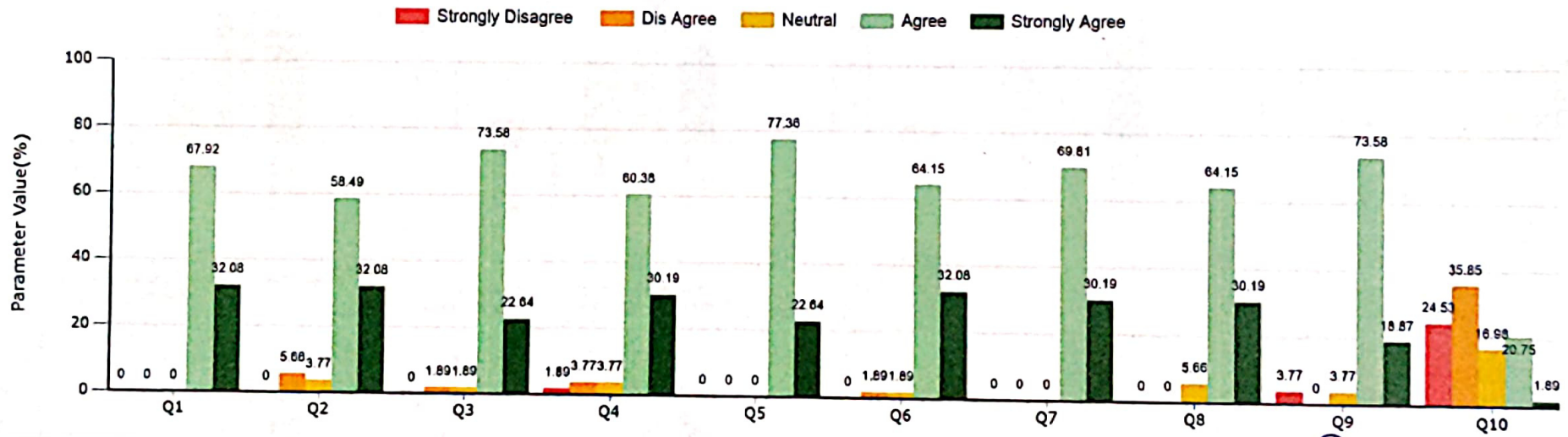- Agree: 20.75
- Strongly Agree: 1.89

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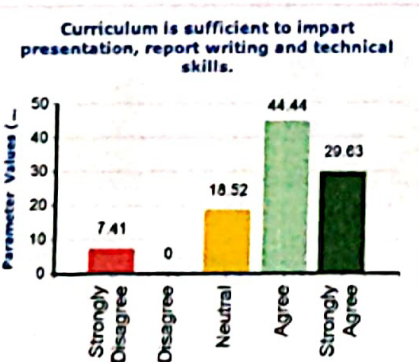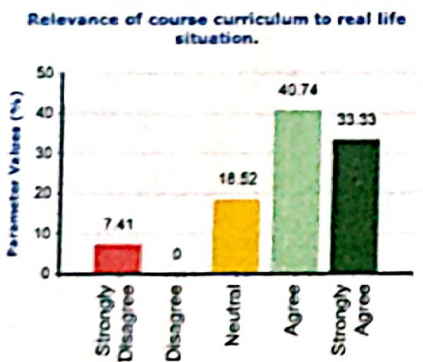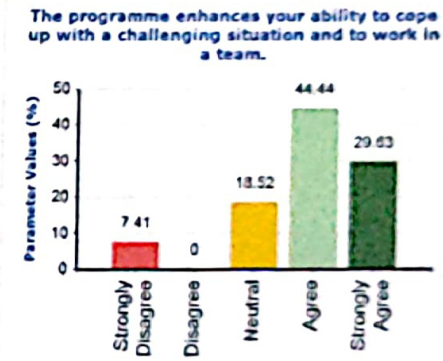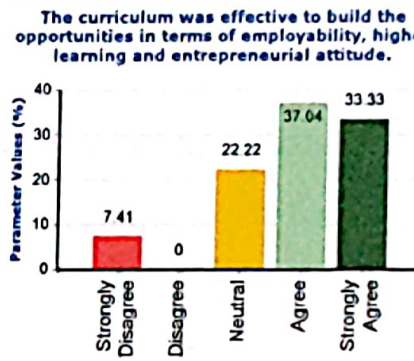Premnagar, Dehradun-248007

Average Rating

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Average Rating	3.32	3.17	3.17	3.13	3.23	3.26	3.3	3.25	3.04	1.4

Summary Chart

Legend: Strongly Disagree, Dis Agree, Neutral, Agree, Strongly Agree

Parameter Value(%)

	Strongly Disagree	Dis Agree	Neutral	Agree	Strongly Agree
Q1	0	0	0	67.92	32.08
Q2	0	5.66	3.77	58.49	32.08
Q3	0	1.89	1.89	73.58	22.64
Q4	1.89	3.77	3.77	60.38	30.19
Q5	0	0	0	77.36	22.64
Q6	0	1.89	1.89	64.15	32.08
Q7	0	0	0	69.81	30.19
Q8	0	0	5.66	64.15	30.19
Q9	3.77	0	3.77	73.58	18.87
Q10	24.53	35.85	16.98	20.75	1.89

ANALYSIS OF ALUMNI FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2022-23)

Programme : Bachelor of Science (Information Technology)

The course curriculum was appropriate for career progression.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 18.52
- Agree: 40.74
- Strongly Agree: 33.33

Sufficient trainings, seminars, value added courses and PDPs were provided for holistic development.
- Strongly Disagree: 7.41
- Disagree: 3.7
- Neutral: 14.81
- Agree: 44.44
- Strongly Agree: 29.63

The programme involved experiential and participative learning.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 18.52
- Agree: 44.44
- Strongly Agree: 29.63

Research Work/ Project Work/Internships/Electives offered under the programme were challenging and constructive.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 18.52
- Agree: 40.74
- Strongly Agree: 33.33

Proper industry-academia relationship was maintained across the programme.
- Strongly Disagree: 7.41
- Disagree: 3.7
- Neutral: 14.81
- Agree: 40.74
- Strongly Agree: 33.33

The curriculum offers courses with practical and hands-on learning experience.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 18.52
- Agree: 44.44
- Strongly Agree: 29.63

The curriculum was effective to build the opportunities in terms of employability, higher learning and entrepreneurial attitude.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 22.22
- Agree: 37.04
- Strongly Agree: 33.33

The programme enhances your ability to cope up with a challenging situation and to work in a team.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 18.52
- Agree: 44.44
- Strongly Agree: 29.63

Relevance of course curriculum to real life situation.
- Strongly Disagree: 7.41
- Disagree: 0
- Neutral: 18.52
- Agree: 40.74
- Strongly Agree: 33.33

Curriculum is sufficient to impart presentation, report writing and technical skills.
- Strongly Disagree: 7.41
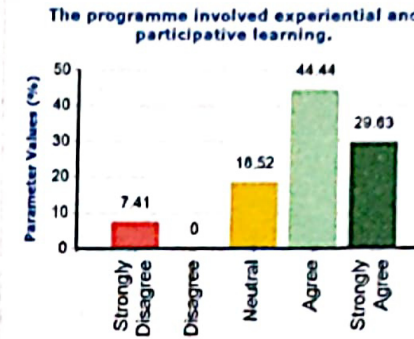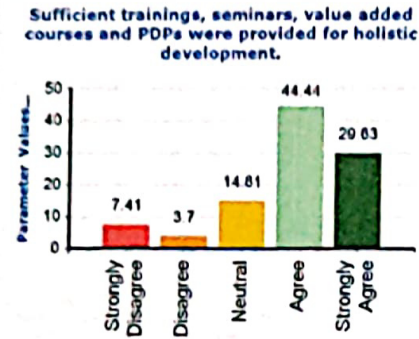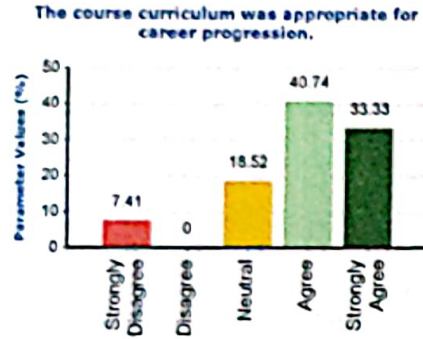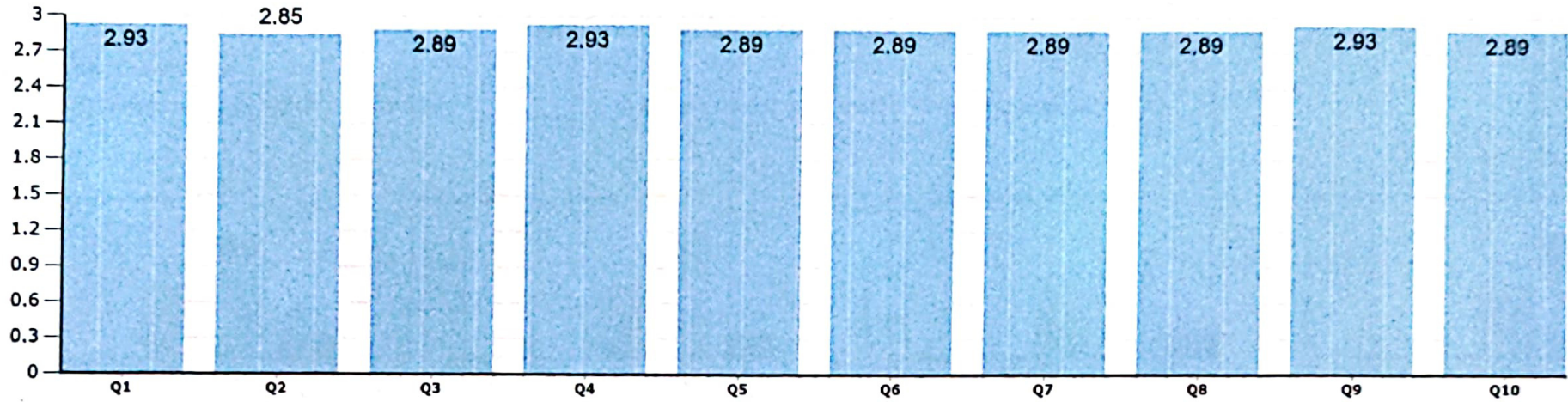- Disagree: 0
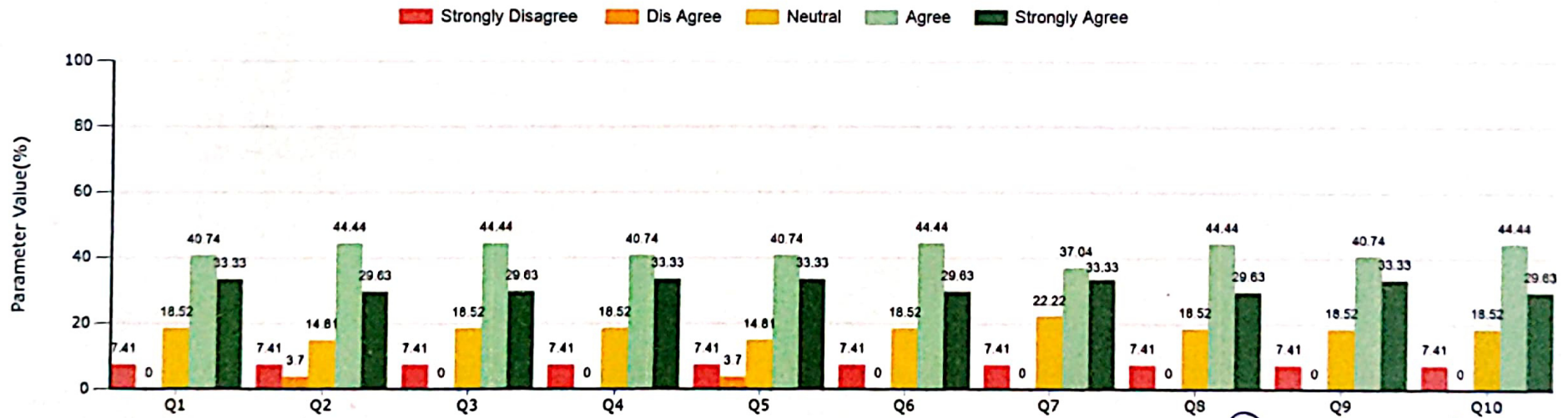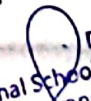- Neutral: 18.52
- Agree: 44.44
- Strongly Agree: 29.63

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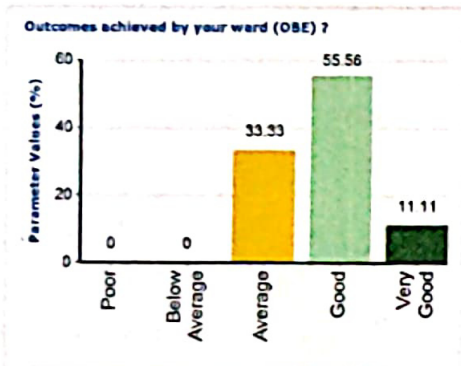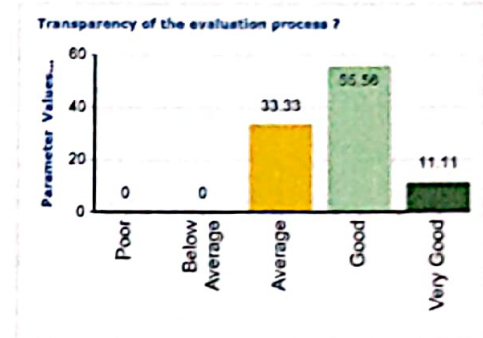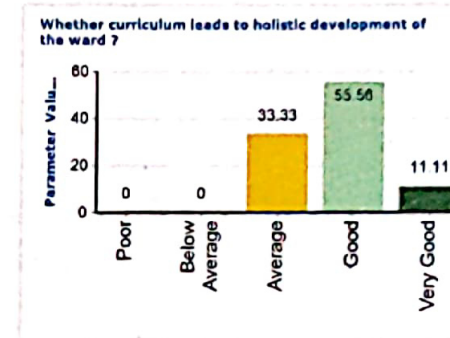Premnagar, Dehradun-248007

Average Rating

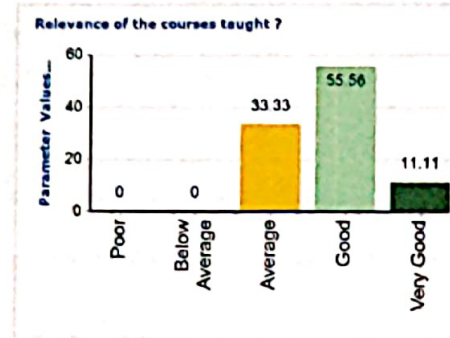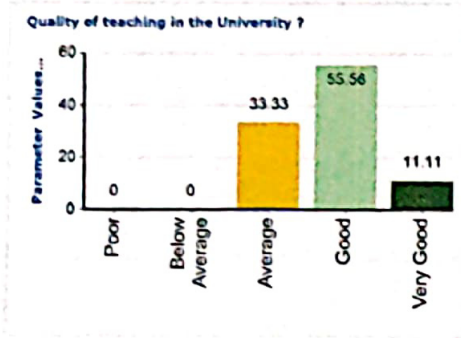|	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Average Rating	2.93	2.85	2.89	2.93	2.89	2.89	2.89	2.89	2.93	2.89

Summary Chart

Strongly Disagree Dis Agree Neutral Agree Strongly Agree

	Strongly Disagree	Dis Agree	Neutral	Agree	Strongly Agree
Q1	7.41	0	18.52	40.74	33.33
Q2	7.41	3.7	14.81	44.44	29.63
Q3	7.41	0	18.52	44.44	29.63
Q4	7.41	0	18.52	40.74	33.33
Q5	7.41	3.7	14.81	40.74	33.33
Q6	7.41	0	18.52	44.44	29.63
Q7	7.41	0	22.22	37.04	33.33
Q8	7.41	0	18.52	44.44	29.63
Q9	7.41	0	18.52	40.74	33.33
Q10	7.41	0	18.52	44.44	29.63

PARÉNT'S FEEDBACK ON CURRICULUM (2022-23)

Feedback Type : College Wise

University : UTTARANCHAL UNIVERSITY, DEHRADUN   **College :** Uttaranchal School of Computing Sciences (USCS)

Quality of teaching in the University ?

Relevance of the courses taught ?

Whether curriculum leads to holistic development of the ward ?

Transparency of the evaluation process ?
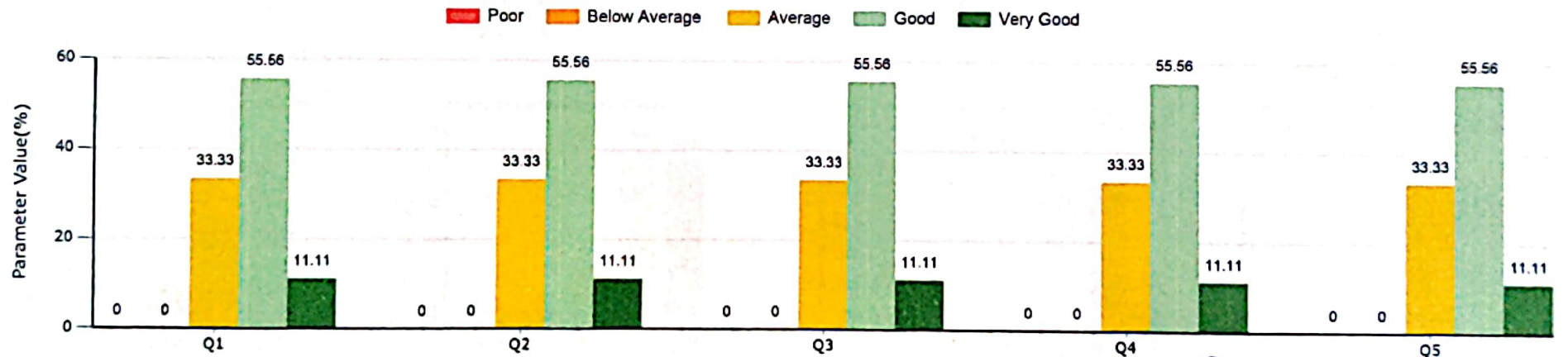

Outcomes achieved by your ward (OBE) ?

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Average Rating

	Q1	Q2	Q3	Q4	Q5
Rating	2.78	2.78	2.78	2.78	2.78

Feedback Summary Chart

Legend: Poor ■ Below Average ■ Average ■ Good ■ Very Good ■

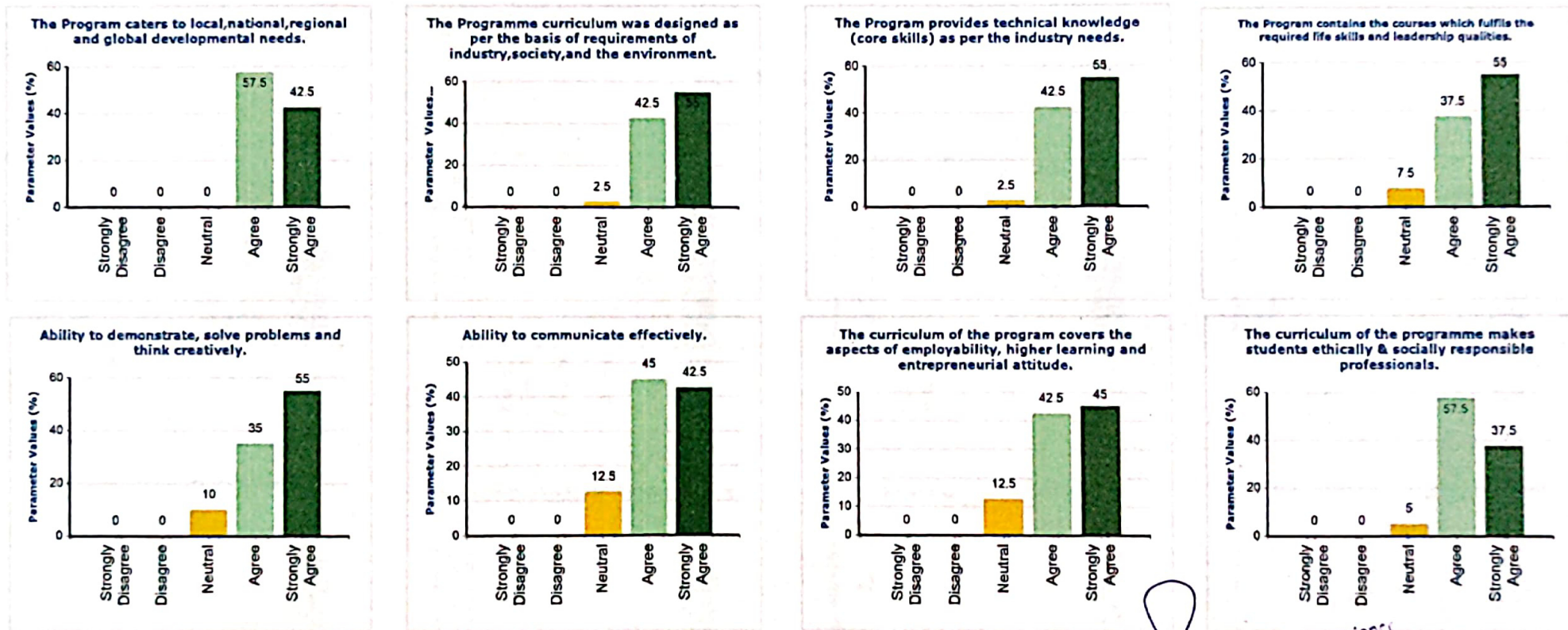|	Q1	Q2	Q3	Q4	Q5
Poor	0	0	0	0	0
Below Average	0	0	0	0	0
Average	33.33	33.33	33.33	33.33	33.33
Good	55.56	55.56	55.56	55.56	55.56
Very Good	11.11	11.11	11.11	11.11	11.11

Y-axis: Parameter Value(%)
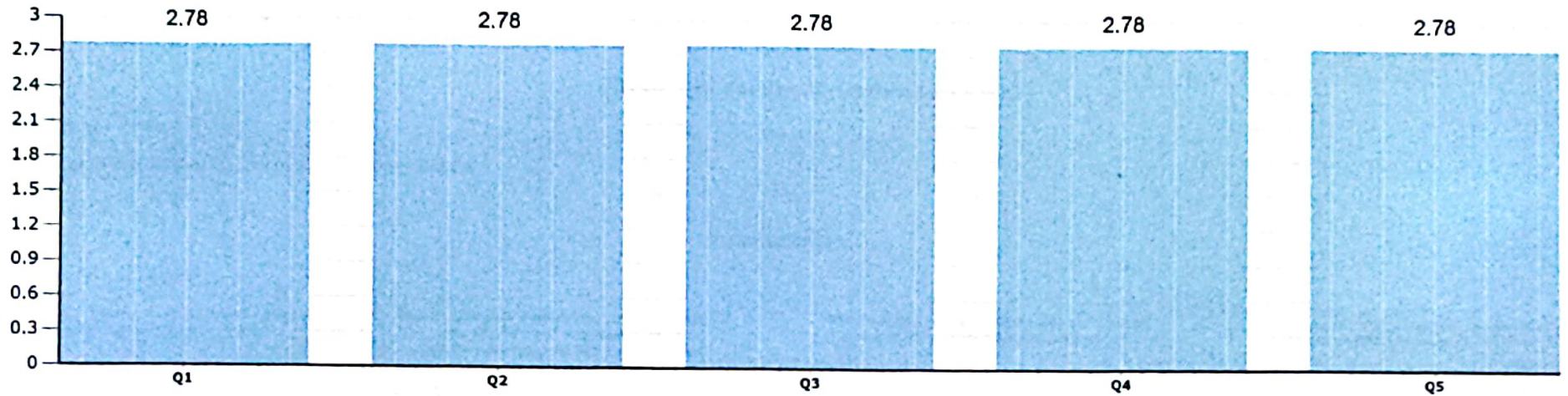
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(Employer Feedback Analysis 2022-23)
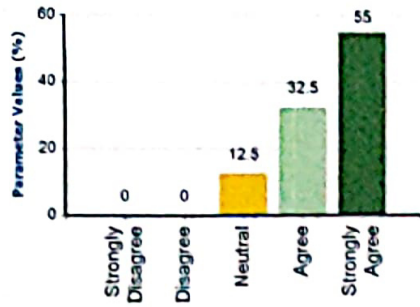
Feedback Type : College Wise

College : Uttaranchal School of Computing Sciences (USCS)

Academics

The Program caters to local,national,regional and global developmental needs.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 0
- Agree: 57.5
- Strongly Agree: 42.5

The Programme curriculum was designed as per the basis of requirements of industry,society,and the environment.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 2.5
- Agree: 42.5
- Strongly Agree: 55

The Program provides technical knowledge (core skills) as per the industry needs.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 2.5
- Agree: 42.5
- Strongly Agree: 55

The Program contains the courses which fulfils the required life skills and leadership qualities.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 7.5
- Agree: 37.5
- Strongly Agree: 55

Ability to demonstrate, solve problems and think creatively.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 10
- Agree: 35
- Strongly Agree: 55

Ability to communicate effectively.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 12.5
- Agree: 45
- Strongly Agree: 42.5

The curriculum of the program covers the aspects of employability, higher learning and entrepreneurial attitude.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 12.5
- Agree: 42.5
- Strongly Agree: 45

The curriculum of the programme makes students ethically & socially responsible professionals.
- Strongly Disagree: 0
- Disagree: 0
- Neutral: 5
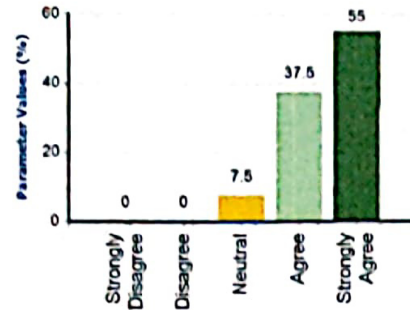- Agree: 57.5
- Strongly Agree: 37.5

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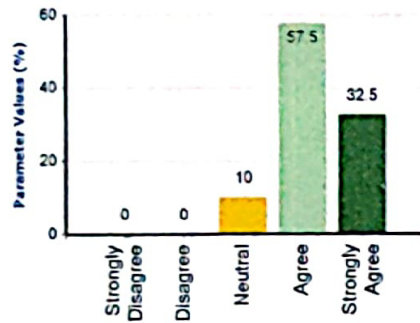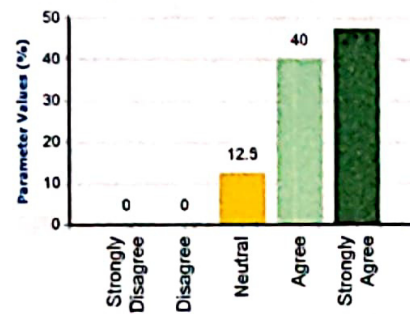**Ability to use their domain knowledge effectively in their job.**

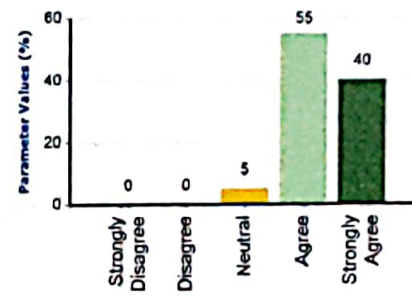Strongly Disagree: 0, Disagree: 0, Neutral: 12.5, Agree: 32.5, Strongly Agree: 55

Holistic development.

Strongly Disagree: 0, Disagree: 0, Neutral: 7.5, Agree: 37.5, Strongly Agree: 55

Non-Academics

Ability to take up extra responsibility.

Strongly Disagree: 0, Disagree: 0, Neutral: 10, Agree: 57.5, Strongly Agree: 32.5

Ability to use workplace equipment.

Strongly Disagree: 0, Disagree: 0, Neutral: 12.5, Agree: 40, Strongly Agree: (47)

Leadership, Team Spirit and Initiative Planing and Organisation skills.

Strongly Disagree: 0, Disagree: 0, Neutral: 5, Agree: 55, Strongly Agree: 40

Planning and organisation.

Strongly Disagree: 0, Disagree: 0, Neutral: 15, Agree: 42.5, Strongly Agree: 42.5
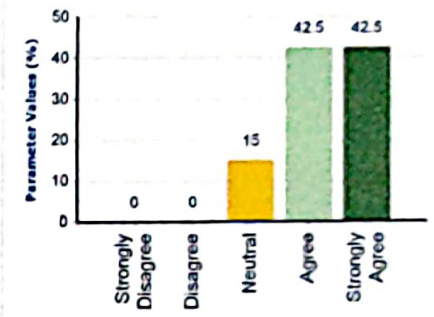
Simplicity and sense of belongingness.

Strongly Disagree: 0, Disagree: 0, Neutral: 7.5, Agree: 27.5, Strongly Agree: 65
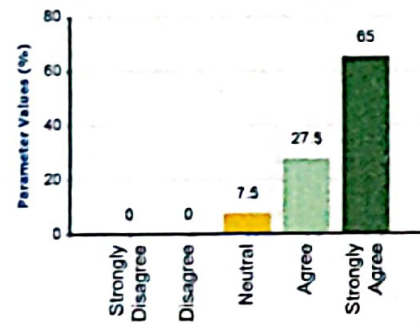
Willingness to learn new techniques, adopt new ideas etc.

Strongly Disagree: 0, Disagree: 0, Neutral: 2.5, Agree: 32.5, Strongly Agree: 65
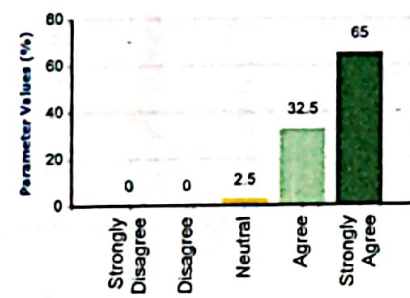
Ability to contribute to the goal of the organisation.

Strongly Disagree: 0, Disagree: 0, Neutral: 2.5, Agree: 42.5, Strongly Agree: 55
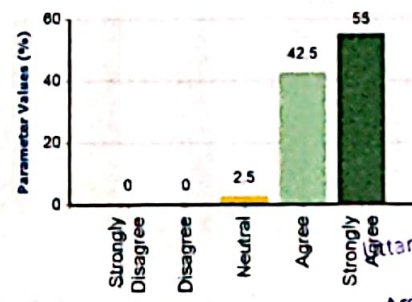
Ability to solve workplace problem.
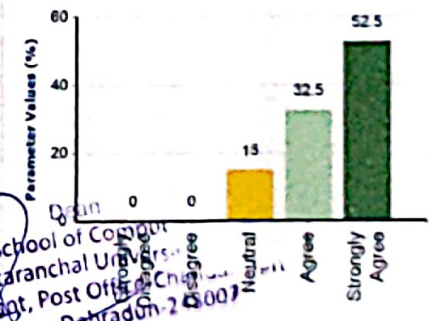
Strongly Disagree: 0, Disagree: 0, Neutral: 15, Agree: 32.5, Strongly Agree: 52.5

Average Rating

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18
3.43	3.53	3.53	3.48	3.45	3.3	3.33	3.33	3.43	3.48	3.53	3.38	3.23	3.35	3.35	3.28	3.58	3.63

Summary Chart

Legend: Strongly Disagree, Dis Agree, Neutral, Agree, Strongly Agree

Question	Strongly Disagree	Dis Agree	Neutral	Agree	Strongly Agree
Q1	0	0	0	57.5	42.5
Q2	0	0	2.5	42	55
Q3	0	0	2.5	42	55
Q4	0	0	7.5	37	55
Q5	0	0	10	35	55
Q6	0	0	12.5	45	42.5
Q7	0	0	12.5	42.5	45
Q8	0	0	5	57.5	37.5
Q9	0	0	12.5	32	55
Q10	0	0	7.5	37	55
Q11	0	0	2.5	42	55
Q12	0	0	15	32	52.5
Q13	0	0	10	57.5	32.5
Q14	0	0	12.5	40	47.5
Q15	0	0	5	55	40
Q16	0	0	15	42.5	42.5
Q17	0	0	7.5	27.5	65
Q18	0	0	2.5	32	65
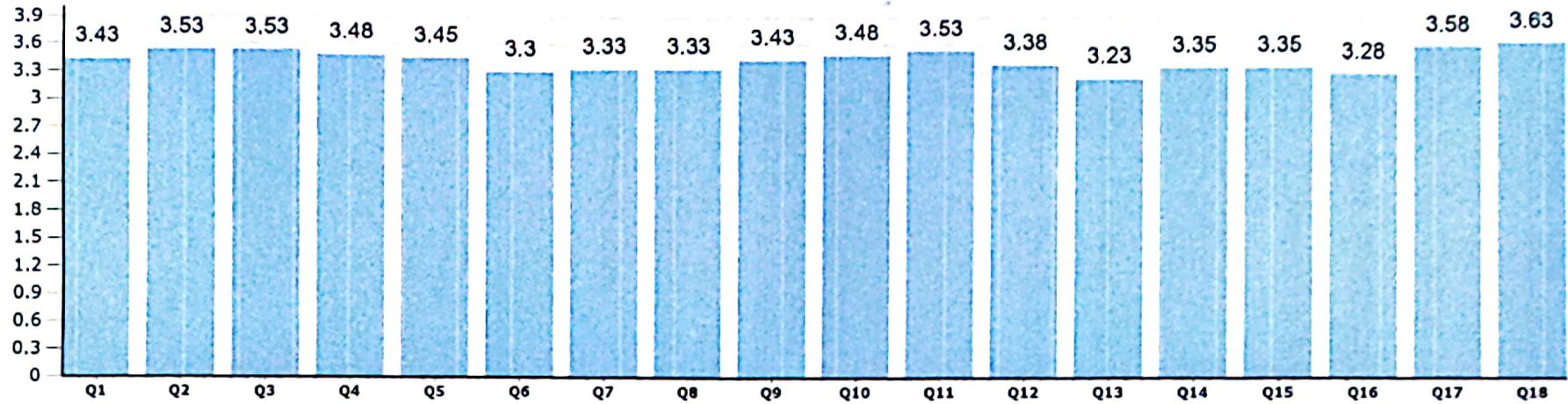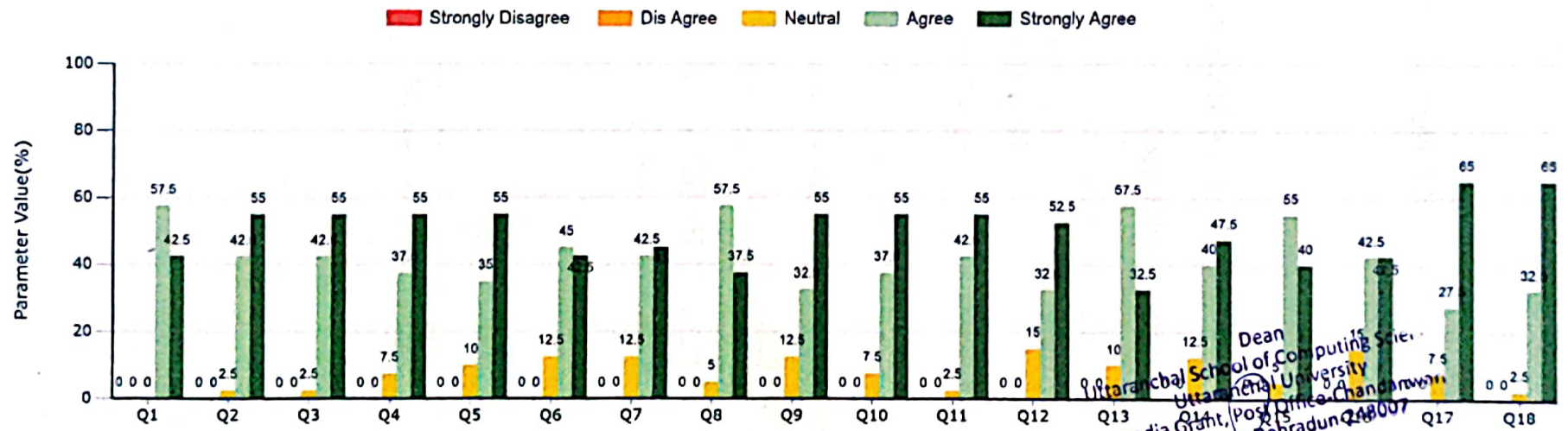
UTTARANCHAL UNIVERSITY

(Established vide Uttaranchal University Act, 2012, Uttarakhand Act No. 11 of 2013)
Premnagar-248007, Dehradun, Uttarakhand, INDIA

UTTARANCHAL SCHOOL OF COMPUTING SCIENCES

Feedback Analysis Report

Academic Year: 2023-24

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (BSc. (IT))

Date: 22th May 2023

The department has collected feedback from the stakeholders (Faculty, Students, Employer and Alumni) on the curriculum in pursuit of continuous improvements to comply with industry, social and environmental requirements. The details of the feedback received are as follows.

The department proposed the following recommendations on the basis of feedback and suggestions received (Annexure-1):

S.NO.	Recommendations
1.	Industry oriented Courses need to be introduced like Fundamental of IOT to aware the students about trending industry skills,
2.	Courses as per NEP 2020 guidelines need to be incorporated like Digital Empowerment, and Grooming, Management Paradigms from Bhagavad Gita.
3.	Some courses need to be revised like Programming in 'C' Lab, Database Management Systems to enhance the technical skills of the students.

Submitted to Dean/Director, for necessary action.

Encl: Feedback Analysis Report

Dr. Sameer Dev Sharma
Member Secretary-CRC

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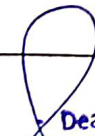
Action Taken Report

Academic Year: 2023-24

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (BSc. (IT))

Date: 05th June 2023

The points were discussed on the basis of the feedback received and the following actions were taken to resolve the recommendation of the stakeholders:

S. No.	Recommendations from CRC & ARC	Action Taken
1.	Industry oriented courses should be introduced	After discussing with the CRC department the course content of Fundamental of IOT was designed and forwarded to BOS committee for further inclusion.
2.	Courses as per NEP 2020 guidelines incorporated	Following new courses as per NEP 2020 guidelines keeping Indian Knowledge System were put forward to BOS committee for further inclusion in curriculum 1. Food and Nutrition - BSIT-105(CC1) 2. Vedic Math - BSIT-105(CC2) 3. Personality Development and Grooming - BSIT-105(CC3) 4. Yoga and Meditation - BSIT-205(VA1) 5. Photography - BSIT-205(VA2) 6. Digital Empowerment - BSIT-205(VA3) 7. Management Paradigms from Bhagavad Gita - BSIT-602(CCI4)
3.	Some as listed below need to be revised to enhance the students' technical skills 1.Programming in 'C' Lab - BSIT-C152 2.Programming Using C++ Lab - BSIT-C252 3.Database Management Systems- BSIT-C301 4.Web Technologies and PHP BSIT-C302 5.Web Technologies and PHP Lab - BSIT-C352 6.Linux Lab - BSIT-C451	Content of said Courses has been reviewed by the subject experts and forwarded to BOS committee for further inclusion.

Dean
Uttaranchal School of Computing Sciences
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