



SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Palissery, Karukutty, Kerala 683576

CRITERIA 1

CURRICULAR ASPECTS

1.4 Feedback System



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FEEDBACK ANALYSIS REPORT

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STAKEHOLDER FEEDBACK OVERALL REPORT

FEEDBACK FROM STUDENTS

Feedbacks were taken from students on curriculum and the ambience of the institution. Around 1500 students took part in the feedback survey. More than 90% of the students were found to be contented with the ambience of the institution and the facilities provided by the institution. Department wise feedbacks were collected from students on curriculum. More than 95% of the students of each department took part in the survey. About 85% of the students were contented with the present curriculum. They were also asked to give their remarks/suggestions. The suggestions from the students on curriculum were collected and necessary actions were taken on addressing them.


FEEDBACK FROM FACULTY

Feedbacks were collected from faculty members on the curriculum given by the university. All the faculties took part in the feedback survey. About 90% of the faculties were happy with existing curriculum provided by the university. The suggestions given by faculties were collected and necessary actions were taken on addressing them.

FEEDBACK FROM ALUMNI

Feedbacks were collected from Alumni on curriculum and various aspects to be improved for future students. Around 850 Alumni took part in the survey. More than 80% of the Alumni were contented with the existing practices followed in the institution. The suggestions given by Alumni were collected and necessary actions were taken on addressing them.




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FEEDBACK FROM EMPLOYER

Feedbacks were collected from Employers on the employability of the students from the institution and to understand the current requirements of the industry. More than 100 employers took part in the feedback survey. More than 80% of the employers were contented with the existing practices followed in the institution. The suggestions given by employers were collected and necessary actions were taken on addressing them.



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1.4.2. Year wise Feedback Analysis Report



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Feedback Analysis Report

2022-23

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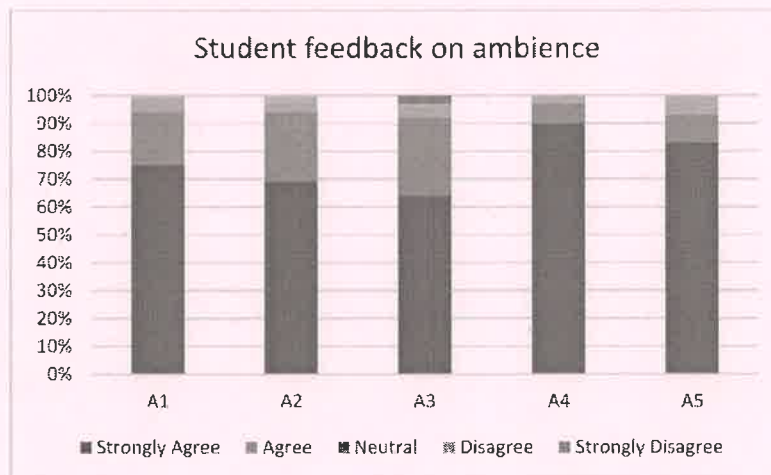
STUDENT FEEDBACK ANALYSIS REPORT ON AMBIENCE OF THE INSTITUTION

2022-2023

Questions

- A1. Computer facilities in the institution
- A2. Laboratory facilities in the institution
- A3. Classroom facilities were conducive to learning
- A4. Library facilities in the institution
- A5. Internet facilities in the institution

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A1	75	19	5	1	0
A2	69	25	4	2	0
A3	64	28	4	1	3
A4	90	7	3	0	0
A5	83	10	7	0	0



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FEEDBACK FROM STUDENTS ON CURRICULUM

Analysis of feedbacks from students

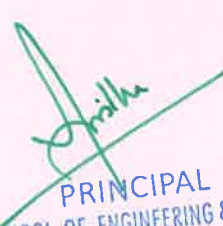
Structured feedback on curriculum was collected from the students on the following areas:

- P1. Is the curriculum structured to meet the requirements of the students in the outside world?
- P2. Do you find the syllabus updated to reflect latest advances in the respective field?
- P3. Do the laboratory activities help in understanding the concepts of the subject?
- P4. Does the program encourage you to pursue higher studies?
- P5. Does the curriculum introduce the concepts of sustainability and ethics to the students?
- P6. Do you find the electives suitable for developing a deeper understanding of the specialized field?
- P7. Are the objectives of the courses clearly defined?
- P8. Does the syllabus enable you to achieve the programs learning outcomes?
- P9. Do you find internships/projects/field visits relevant in the curriculum?
- P10. Do you find add on courses/value added courses relevant for a better understanding the course?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



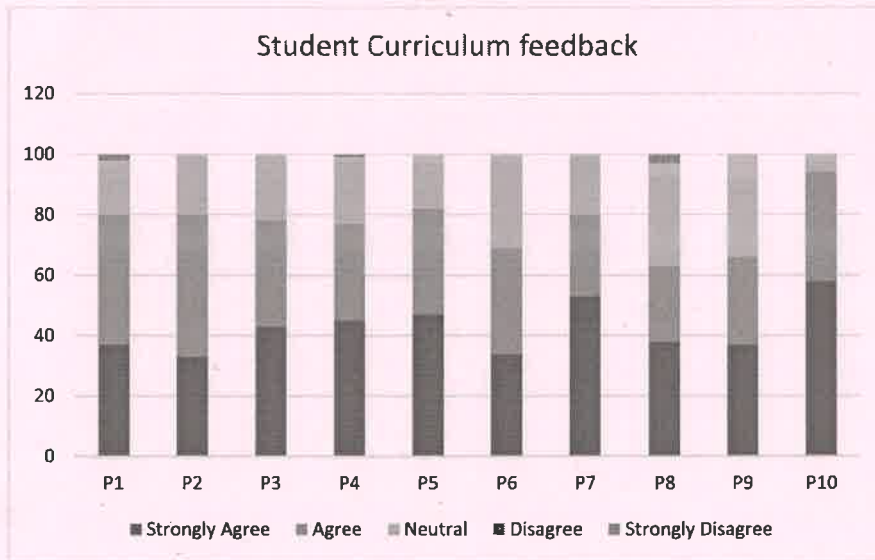

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Question wise analysis in percentage

Department of Civil Engineering

Academic Year: 2022-2023

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	37	43	16	2	2
P2	33	47	19	1	-
P3	43	35	21	1	-
P4	45	32	21	1	1
P5	47	35	15	3	-
P6	34	35	29	2	-
P7	53	27	19	1	-
P8	38	25	30	4	3
P9	37	29	26	8	-
P10	58	36	4	2	-



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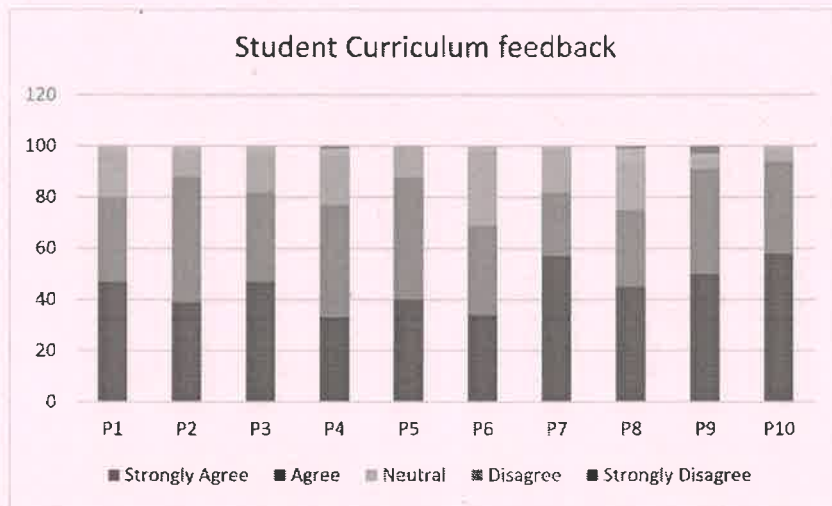


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Question wise analysis in percentage
Department of Automobile Engineering
Academic Year: 2022-2023

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	47	33	18	2	0
P2	39	49	10	2	
P3	47	35	15	3	
P4	33	44	19	3	1
P5	40	48	12	0	
P6	34	35	29	2	
P7	57	25	17	1	
P8	45	30	18	6	1
P9	50	41	4	2	3
P10	58	36	4	2	



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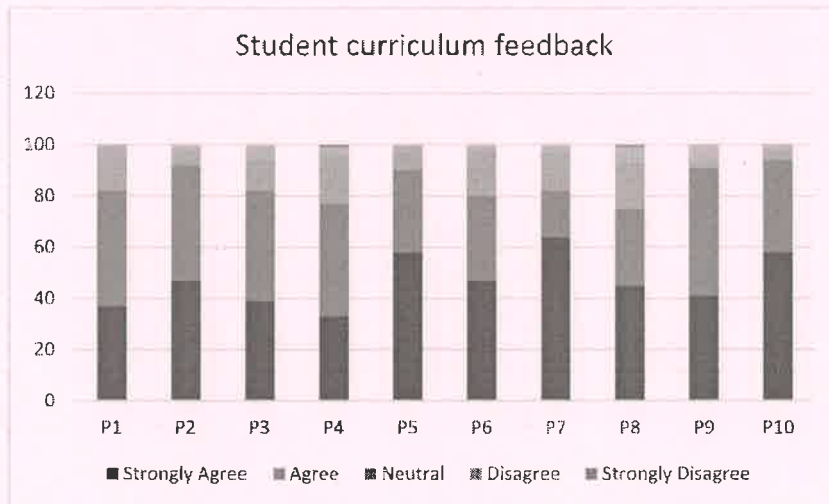


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Question wise analysis in percentage
Department of Computer Science Engineering
Academic Year: 2022-2023

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	37	45	18	0	
P2	47	45	6	2	
P3	39	43	12	6	
P4	33	44	19	3	1
P5	58	32	10	0	
P6	47	33	18	2	0
P7	64	18	15	3	
P8	45	30	18	6	1
P9	41	50	2	7	
P10	58	36	4	2	



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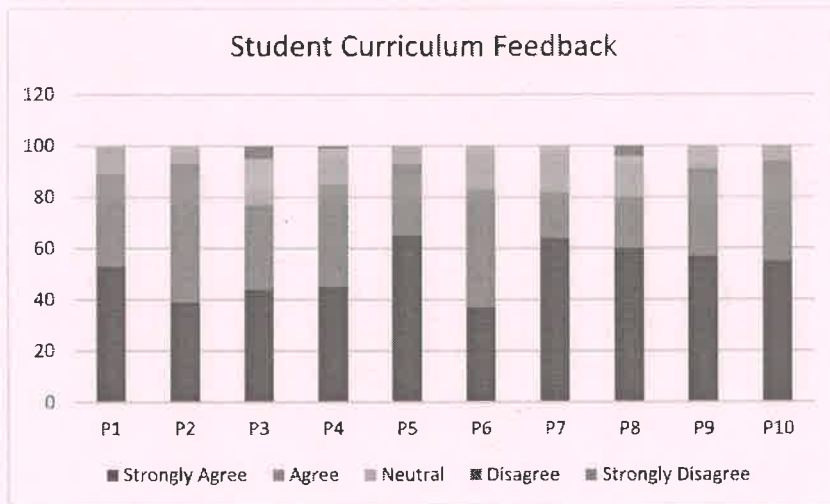


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Question wise analysis in percentage
Department of Electrical and Electronics Engineering
Academic Year:2022-2023

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	60	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	



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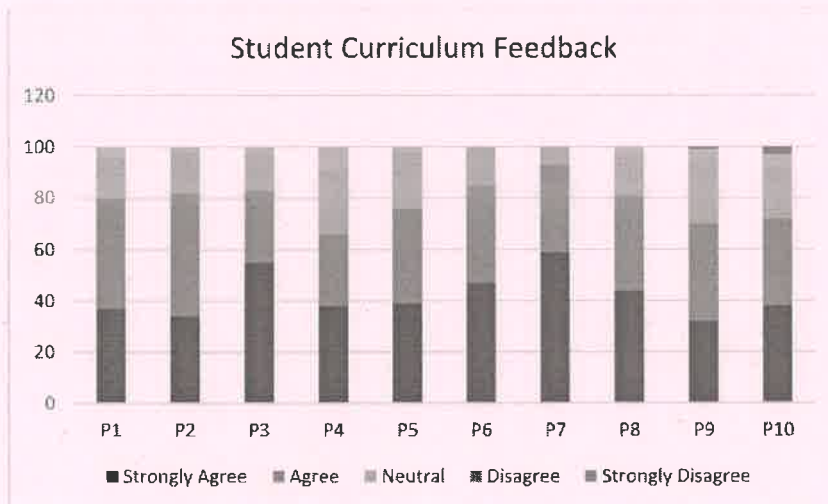


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Question wise analysis in percentage
Department of Electronics and Communication Engineering
Academic Year: 2022-2023

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	37	43	16	4	
P2	34	48	16	2	
P3	55	28	14	3	
P4	38	28	25	9	
P5	39	37	22	2	
P6	47	38	15	0	
P7	59	34	7	0	
P8	44	37	16	3	
P9	32	38	25	4	1
P10	38	34	20	5	3



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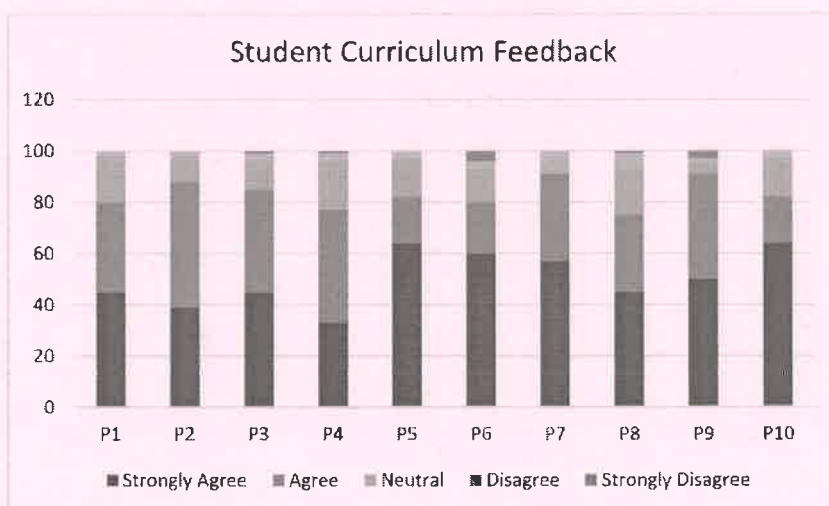


Smilka

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Question wise analysis in percentage
Department of Mechanical Engineering
Academic Year: 2022-2023

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	45	35	18	2	0
P2	39	49	10	2	
P3	45	40	11	3	1
P4	33	44	19	3	1
P5	64	18	15	3	
P6	60	20	13	3	4
P7	57	34	2	7	
P8	45	30	18	6	1
P9	50	41	4	2	3
P10	64	18	15	3	



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Student exit feedback analysis

Automobile Engineering

2022-2023

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

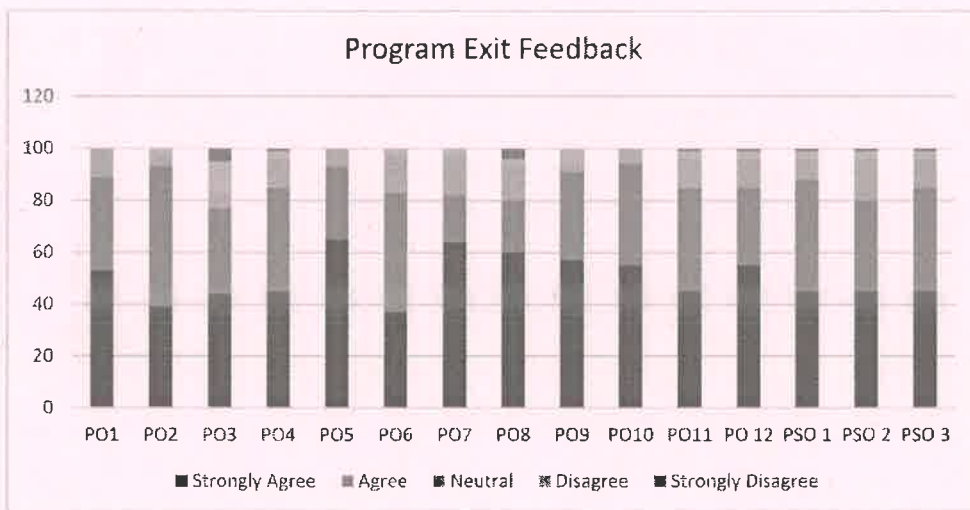
PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO1 - Apply basic science and mathematical principles to design, develop or reengineer automobiles.
- PSO2 - Design or develop subsystems required for building safe, efficient and green vehicles.
- PSO3 - Applying knowledge of the function of various automobile components and systems for continuous and preventive service and maintenance.



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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	53	36	11	0	
PO2	39	54	4	3	
PO3	44	33	6	12	5
PO4	45	40	11	3	1
PO5	65	28	7	0	
PO6	37	46	14	3	0
PO7	64	18	15	3	
PO8	60	20	13	3	4
PO9	57	34	2	7	
PO10	55	39	6	0	
PO11	45	40	11	3	1
PO 12	55	30	11	3	1
PSO 1	45	43	8	3	1
PSO 2	45	35	16	3	1
PSO 3	45	40	11	3	1



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Student exit feedback analysis

Civil Engineering

2022-2023

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning


PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Graduates shall demonstrate good understanding of engineering fundamentals and demonstrate sound knowledge in analysis, design and laboratory investigations in various domains of Civil Engineering.

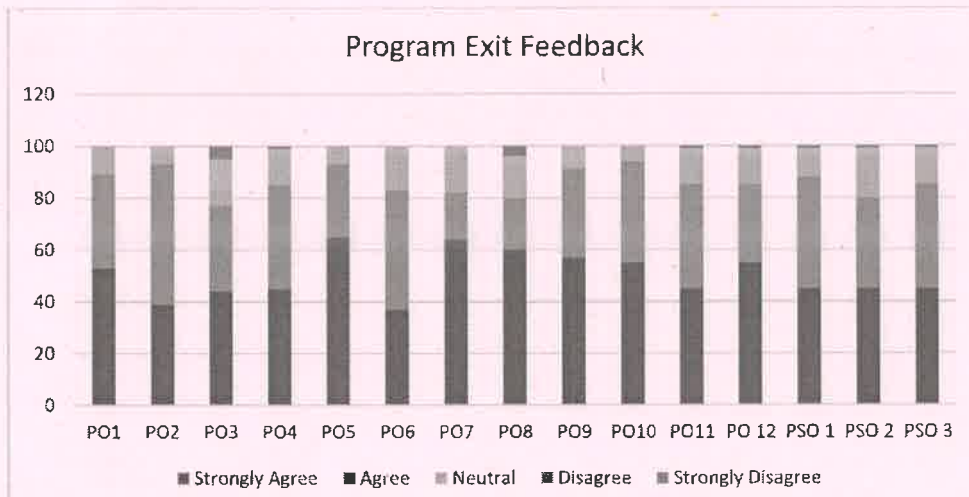
PSO2 - Graduates will exhibit a passion for continuous self-learning and/ or pursue higher studies and engineering research.

PSO3 - Graduates will possess ability to interact and function within multidisciplinary teams with competence in modern tool usage.




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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	65	27	8	0	
PO2	54	40	4	2	
PO3	44	39	8	7	2
PO4	53	32	11	3	1
PO5	65	28	7	0	
PO6	40	43	12	5	0
PO7	64	18	15	3	
PO8	60	20	13	3	4
PO9	57	34	2	7	
PO10	55	39	6	0	
PO11	56	32	8	2	2
PO 12	55	30	11	3	1
PSO 1	37	51	8	3	1
PSO 2	45	35	16	3	1
PSO 3	45	40	11	3	1



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Student exit feedback
Computer Science Engineering
2022-2023

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply knowledge of mathematics, science, engineering and computer science fundamentals to solve complex computational problems.

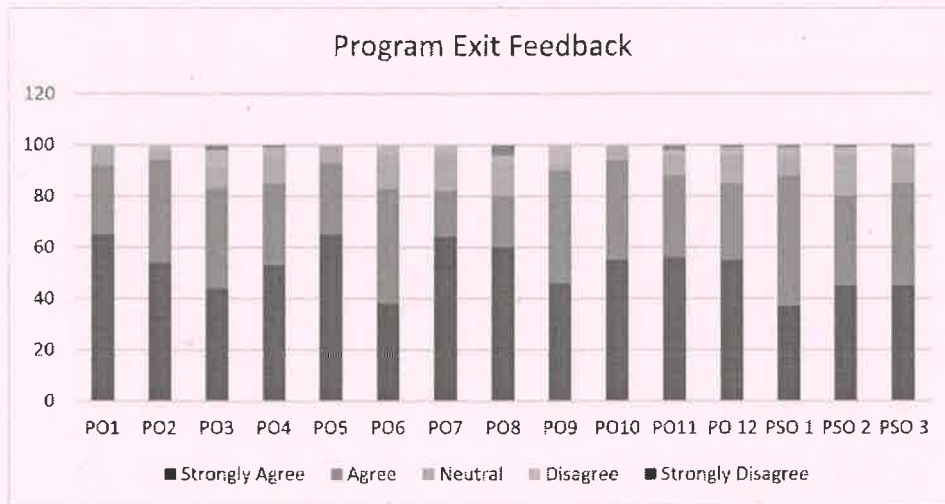
PSO2 - Use modern tools to analyze, design and develop software solutions in the areas pertaining to system software, database, networking, web and mobile applications, information security, data analytics and machine learning.

PSO3 - Employ modern computer languages, environments, and platforms to create innovative career paths, pursue higher studies and entrepreneurship.




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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	65	27	8	0	
PO2	54	40	4	2	
PO3	44	39	8	7	2
PO4	53	32	11	3	1
PO5	65	28	7	0	
PO6	38	45	12	5	0
PO7	64	18	15	3	
PO8	60	20	13	3	4
PO9	46	44	3	7	
PO10	55	39	6	0	
PO11	56	32	8	2	2
PO 12	55	30	11	3	1
PSO 1	37	51	8	3	1
PSO 2	45	35	16	3	1
PSO 3	45	40	11	3	1



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Student exit feedback analysis
Electrical and Electronics Engineering
2022-2023

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - To analyze and apply the knowledge of electrical fundamentals, circuit design, control engineering, field theory, power system and allied topics.

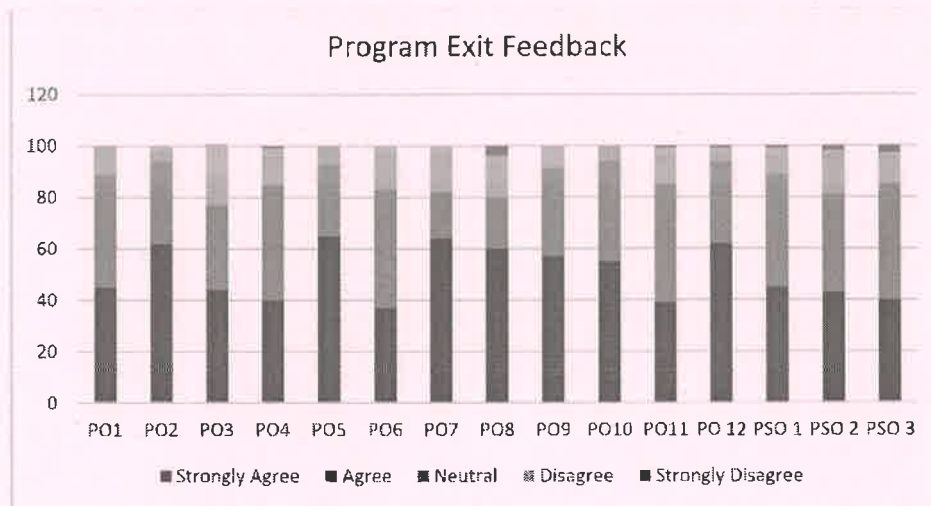
PSO2 - To understand technologies and gain the practical skills to design, simulate and analyse electrical system to engage in lifelong learning and successfully adapt in multi-disciplinary environment.

PSO3 - To design, develop and implement Electrical and inter disciplinary projects to meet industry demand and to provide solution to real time problems in current scenario.




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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	45	44	11	0	
PO2	62	32	4	2	
PO3	44	33	12	12	0
PO4	40	45	11	3	1
PO5	65	28	7	0	
PO6	37	46	14	3	0
PO7	64	18	15	3	
PO8	60	20	13	3	4
PO9	57	34	2	7	
PO10	55	39	6	0	
PO11	39	46	11	3	1
PO 12	62	32	3	2	1
PSO 1	45	44	7	3	1
PSO 2	43	38	16	1	2
PSO 3	40	45	11	1	3



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Student exit feedback analysis
Electronics and Communication Engineering
2022-2023

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning


PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Design and create novel systems in the field of Electronics and Communication to solve global issues.

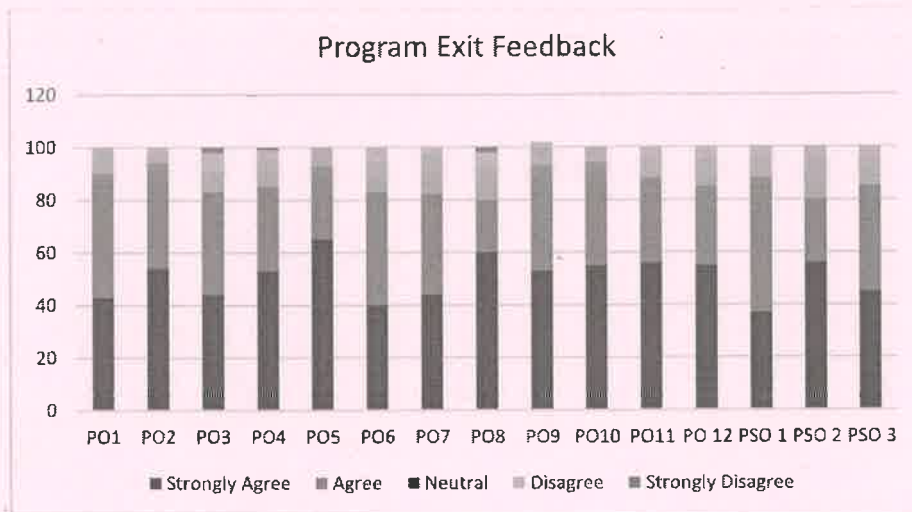
PSO2 - Carry out research activities in Electronics and Communication Engineering using modern hardware and software tools specific to the field.

PSO3 - Analyze the working of electronic systems in industry and interpret results to arrive at valid conclusions.




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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	43	47	10	0	
PO2	54	40	4	2	
PO3	44	39	8	7	2
PO4	53	32	11	3	1
PO5	65	28	7	0	
PO6	40	43	12	5	0
PO7	44	38	15	3	
PO8	60	20	13	5	2
PO9	53	40	7	2	
PO10	55	39	6	0	
PO11	56	32	8	4	0
PO 12	55	30	11	4	0
PSO 1	37	51	8	4	0
PSO 2	56	24	16	4	0
PSO 3	45	40	11	4	0



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Student exit feedback analysis

Mechanical Engineering

2022-2023

PO 1: Engineering knowledge

PO 2: Problem analysis

PO 3: Design/development of solutions

PO 4: Conduct investigations of complex problems

PO 5: Modern tool usage

PO 6: The engineer and society

PO 7: Environment and sustainability

PO 8: Ethics

PO 9: Individual and team work

PO 10: Communication

PO 11: Project management and finance

PO 12: Life-long learning

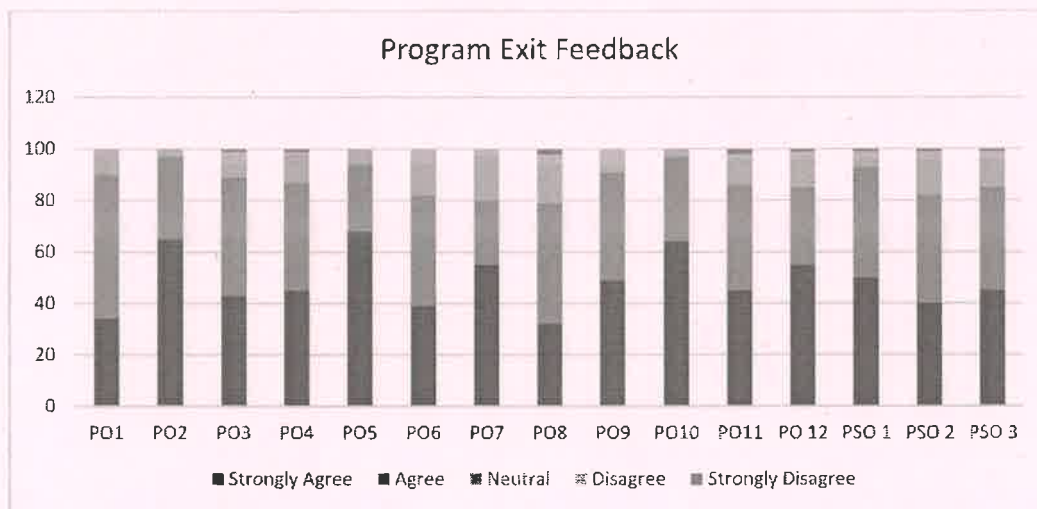
PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply the knowledge of mathematics, physics, basics of other engineering disciplines, mechanics, thermal sciences, fluid mechanics and management principles for solving complex and diverse problems in the field of mechanical engineering.

PSO2 - Implement the principles of design, analysis and interpretation of data to the mechanical systems and processes.

PSO3 - Use modern tools such as CAD/CAM/ CIM/CFD, IT, IOT and 3D printing techniques in the mechanical engineering practice.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	34	56	10	0	
PO2	65	32	3	0	
PO3	43	46	5	5	1
PO4	45	42	11	1	1
PO5	68	26	6	0	
PO6	39	43	12	6	0
PO7	55	25	17	3	
PO8	32	47	15	4	2
PO9	49	42	2	7	
PO10	64	33	3	0	
PO11	45	41	10	2	2
PO 12	55	30	11	3	1
PSO 1	50	43	3	3	1
PSO 2	40	42	14	3	1
PSO 3	45	40	11	3	1



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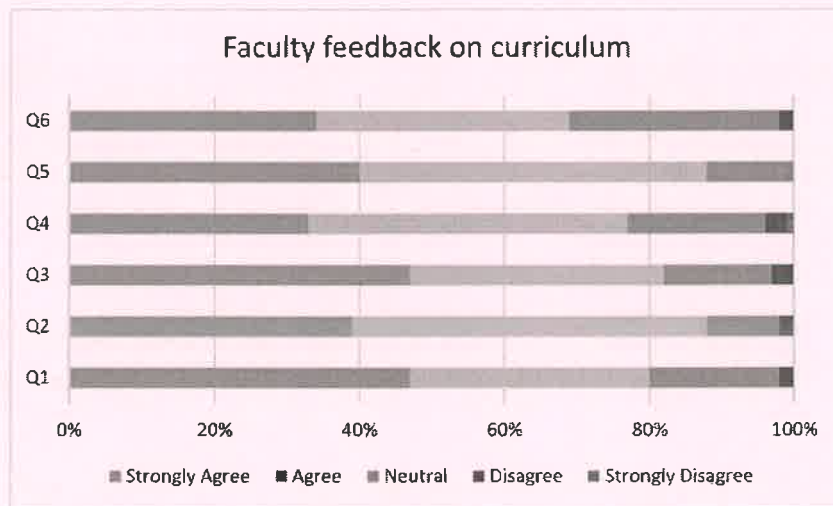
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)
2022-2023

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Teaching the courses has increased my knowledge and expertise in the field



Amilha

Principal

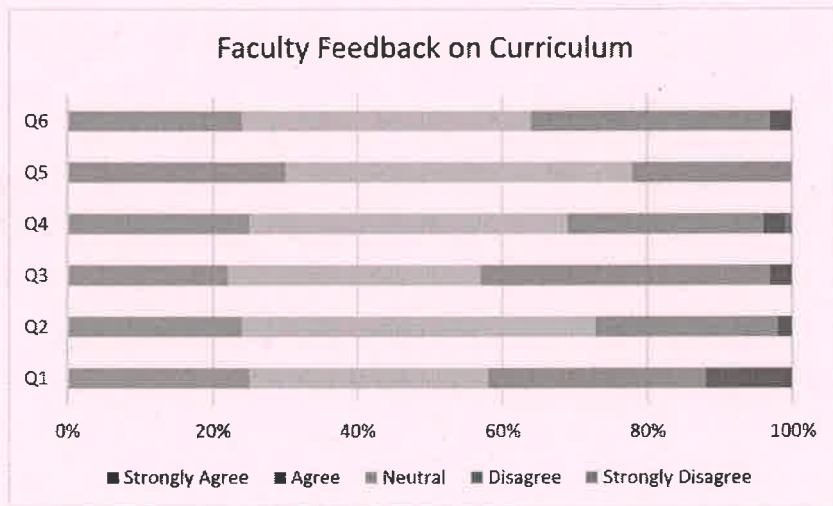


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**Faculty feedback (2015 regulation B.Tech)
2022-2023**

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Teaching the courses has increased my knowledge and expertise in the field



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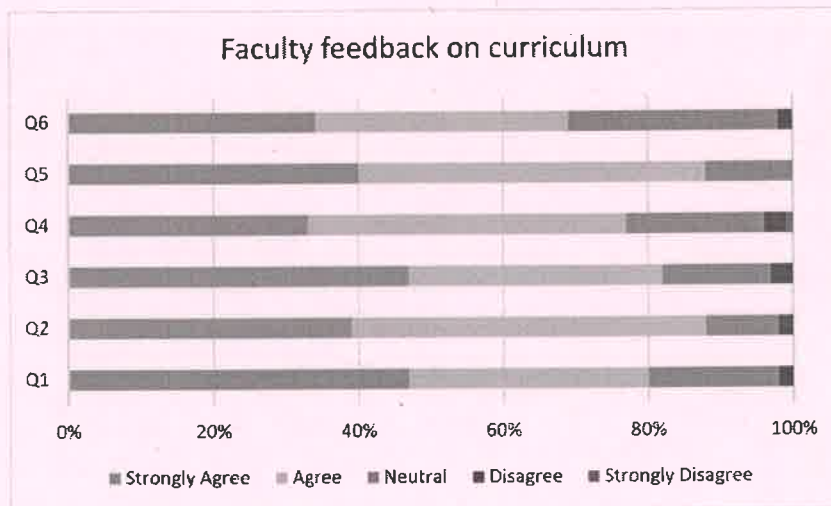
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)

2022-2023

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields



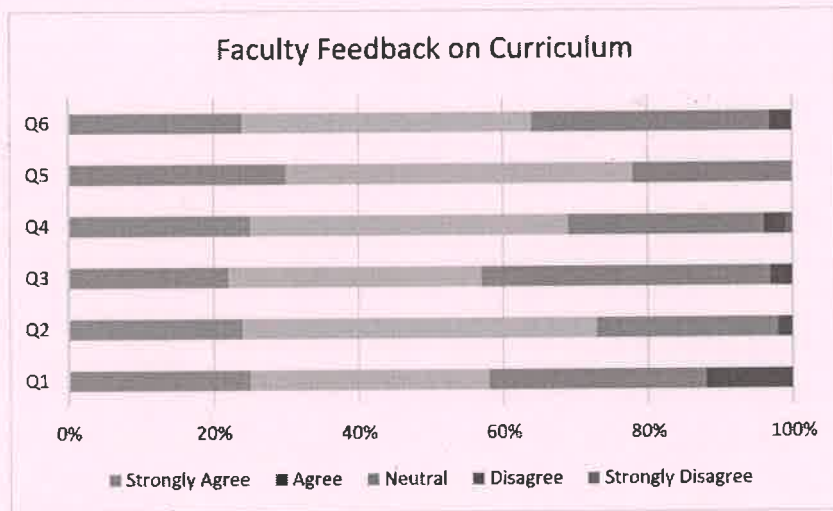
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**Faculty feedback (2015 regulation B.Tech)
2022-2023**

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields



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FEEDBACK FROM ALUMNI ON CURRICULUM

2022-2023

Alumni feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?


P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



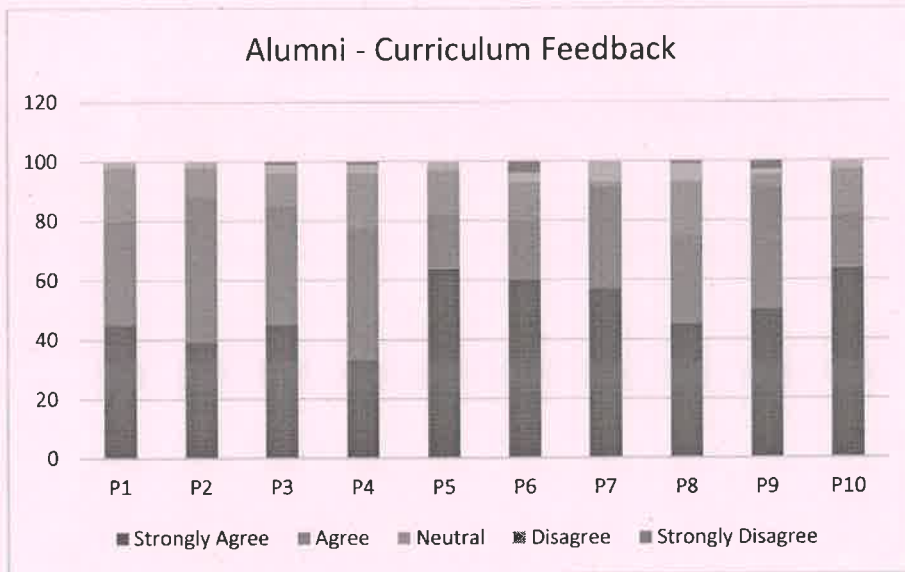

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	45	35	18	2	0
P2	39	49	10	2	
P3	45	40	11	3	1
P4	33	44	19	3	1
P5	64	18	15	3	
P6	60	20	13	3	4
P7	57	34	2	7	
P8	45	30	18	6	1
P9	50	41	4	2	3
P10	64	18	15	3	




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ALUMNI FEEDBACK ANALYSIS

2022-2023

- P1. Apply engineering knowledge in professional engineering practice
- P2. The confidence to conduct investigations of complex problems.
- P3. The caliber to use Modern tools pertaining to the field of Engineering
- P4. The expertise and willingness to apply the knowledge in engineering for the betterment of society.
- P5. The preparedness to protect the environment and follow the concept of sustainability.
- P6. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- P7. Deliver the best results in both Individual as well as team work.
- P8. Proficiency in both verbal and written Communication.
- P9. Flair to handle projects and task with know-how of Project management and finance.
- P10. Awareness of the importance of Life-long learning.



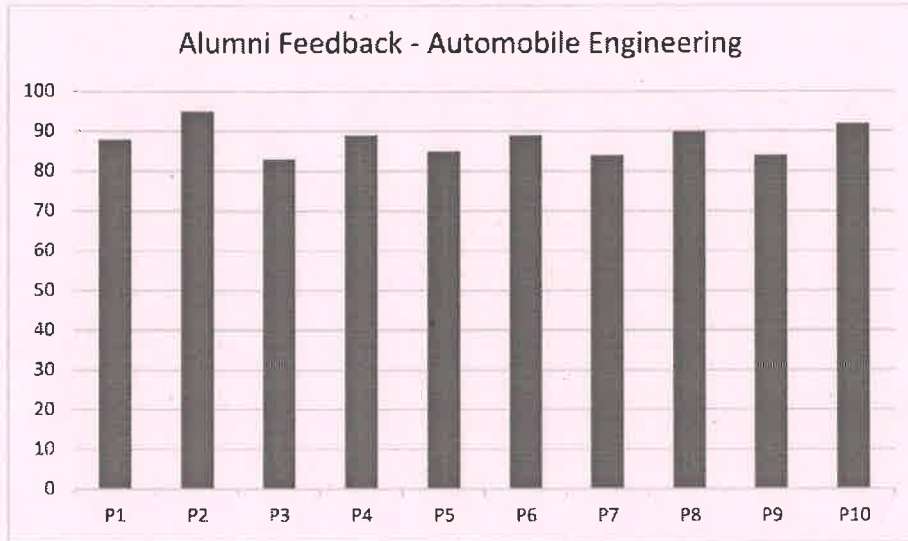
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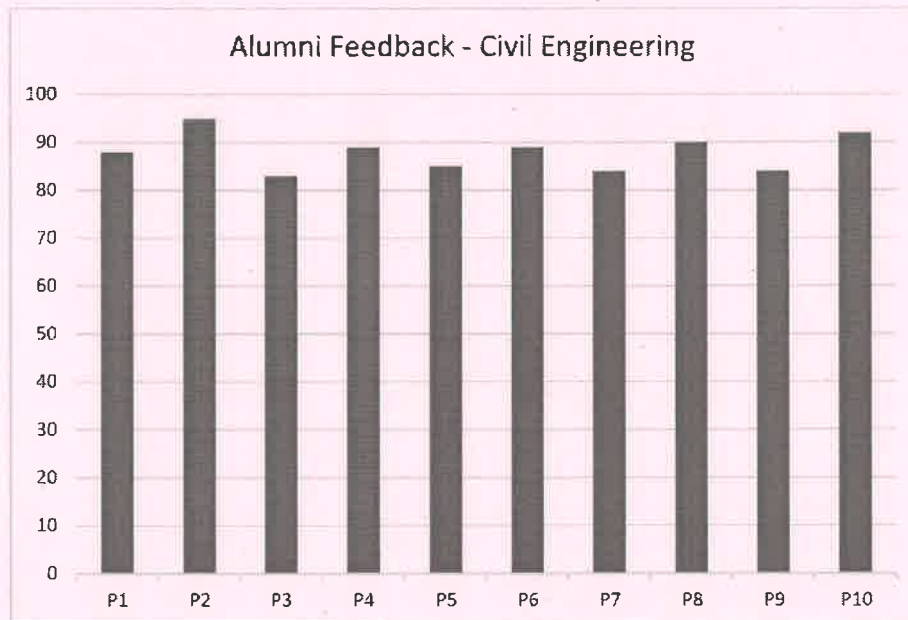
AUTOMOBILE ENGINEERING

2022-2023



CIVIL ENGINEERING

2022-2023



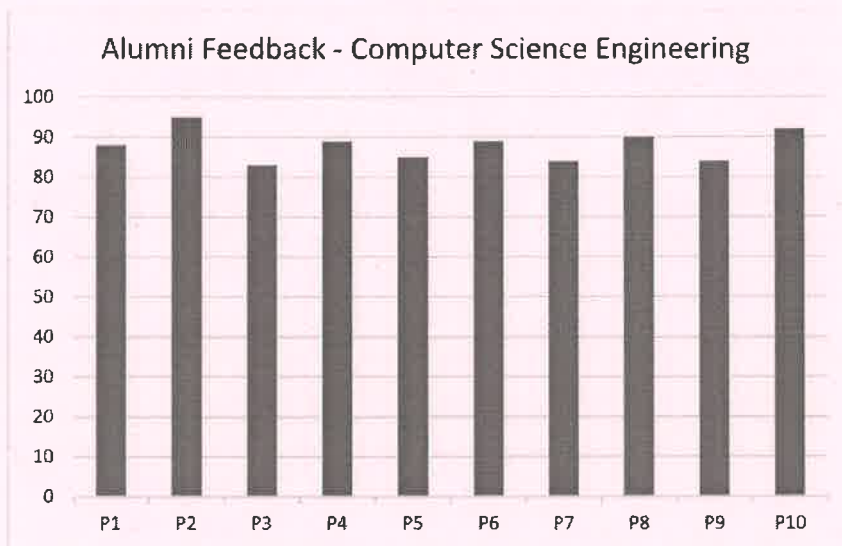
Amitha

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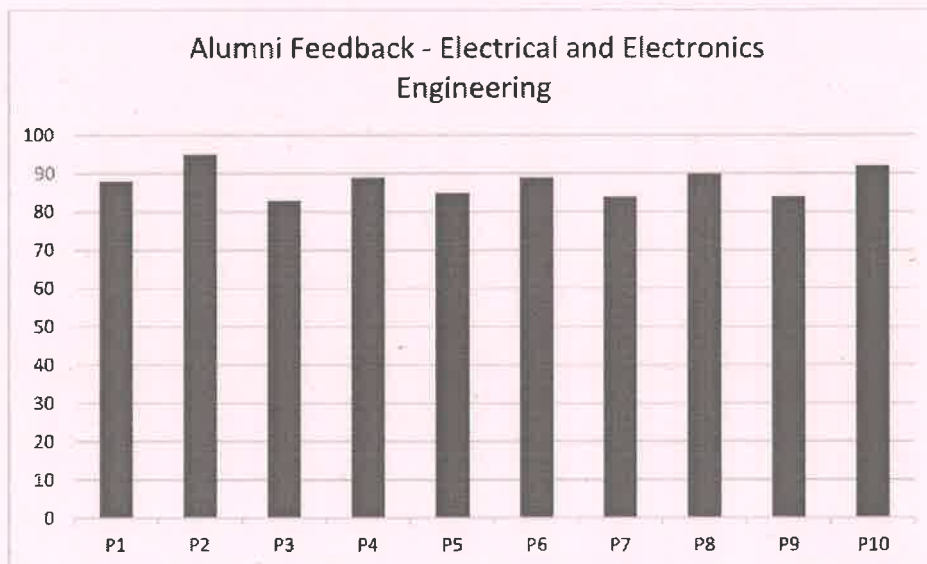
COMPUTER SCIENCE ENGINEERING

2022-2023



ELECTRICAL AND ELECTRONICS ENGINEERING

2022-2023



Amitha

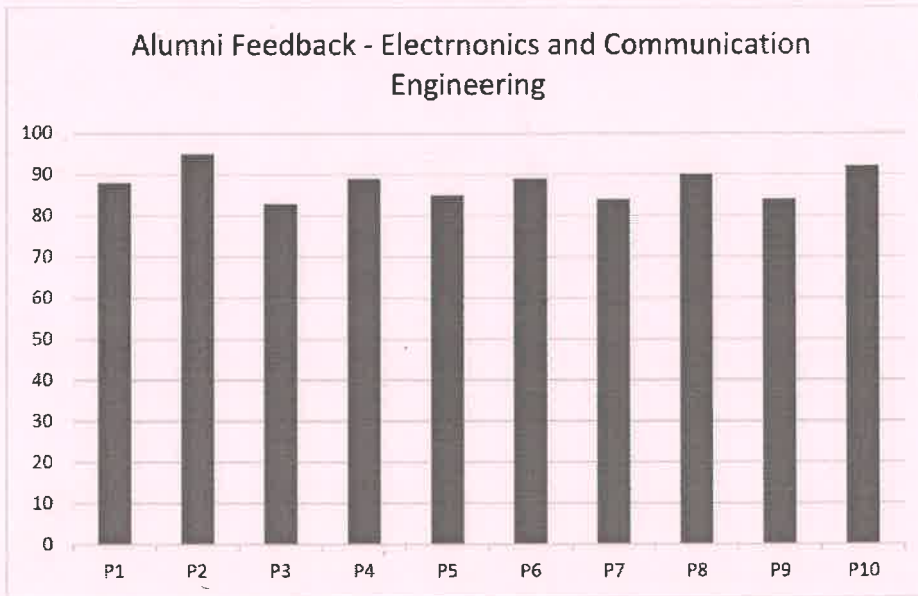


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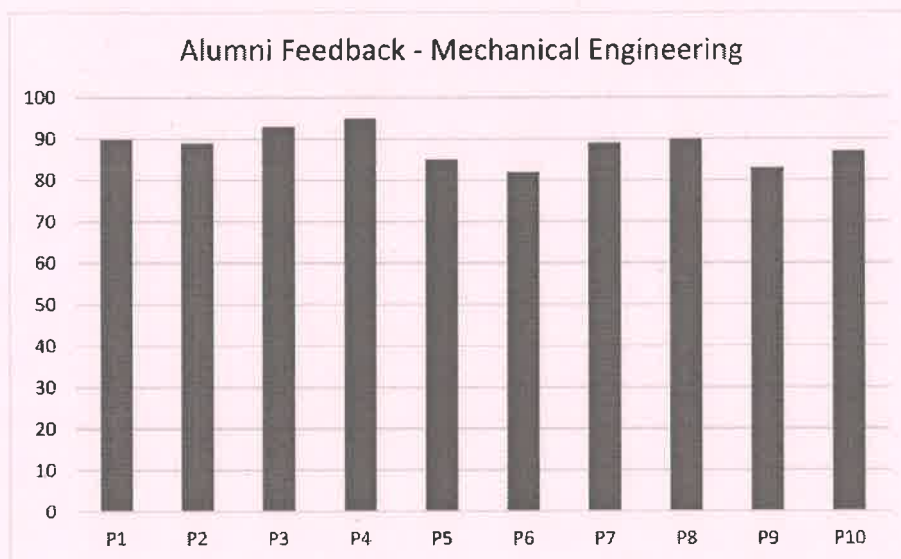
ELECTRONICS AND COMMUNICATION ENGINEERING

2022-2023



MECHANICAL ENGINEERING

2022-2023



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EMPLOYER FEEDBACK ANALYSIS REPORT

2022-2023

Questions

- A1. Performance of our graduates
- A2. Inclination to adopt new technology
- A3. Independent thinking and problem-solving ability
- A4. Communication skills
- A5. Leadership skills
- A6. Professional Attitude
- A7. Ethics
- A8. Inclination to identify problems in society

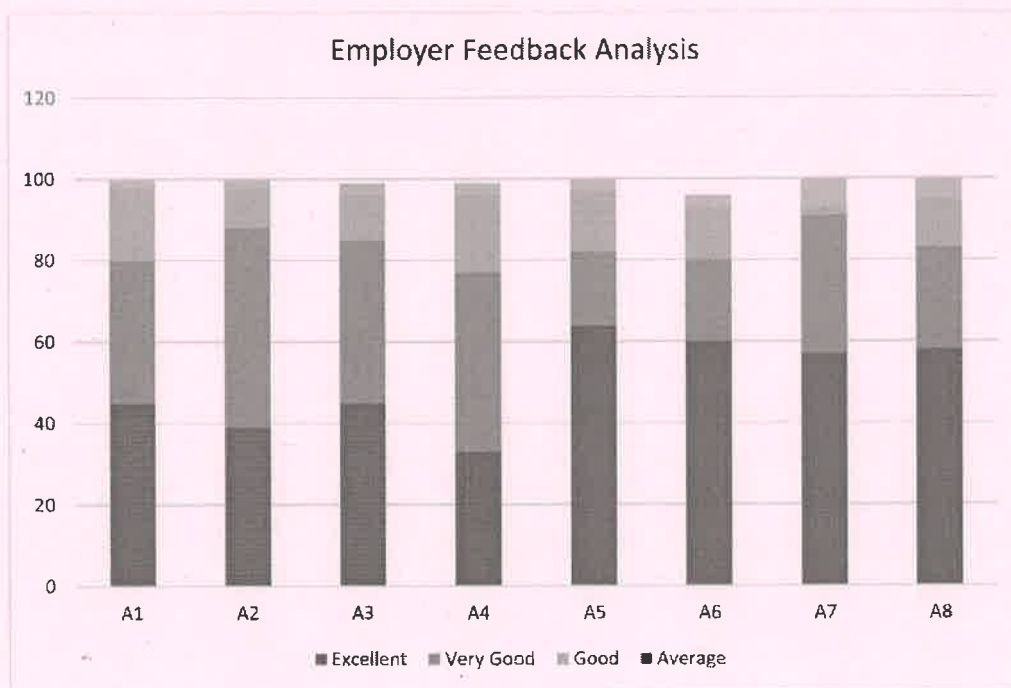



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EMPLOYER FEEDBACK ANALYSIS REPORT

ACADEMIC YEAR: 2022-2023

	Excellent	Very Good	Good	Average
A1	45	35	18	2
A2	39	49	10	2
A3	45	40	11	3
A4	33	44	19	3
A5	64	18	15	3
A6	60	20	13	3
A7	57	34	2	7
A8	58	25	12	5



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FEEDBACK FROM EMPLOYERS ON CURRICULUM

2022-2023

Employer feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate the applicability of the tools/activities/case studies presented in the curriculum facilitating more employability skills among graduates

P3. How effective is the Curriculum in developing analytical and problem-solving skills?

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning?

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Curriculum reflects current trends and practices in the respective disciplines.

P7. Does the curriculum effectively cover topics on fundamentals and latest technology?

P8. The academic initiatives of the institution contribute towards achieving the Mission and Vision of the institution

P9. Rate the proficiency of our graduates to adapt to industry requirements

P10. The curriculum facilitates an overall holistic development of the student?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



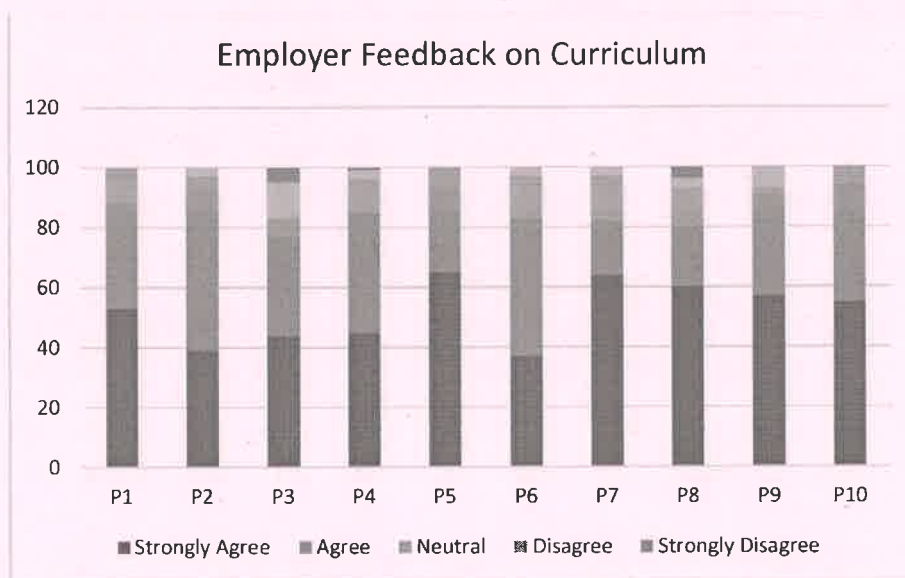

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	0
P2	39	54	4	3	0
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	0
P6	37	46	14	3	0
P7	64	18	15	3	0
P8	60	20	13	3	4
P9	57	34	2	7	0
P10	55	39	6	0	0




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Feedback Analysis Report

2021-22



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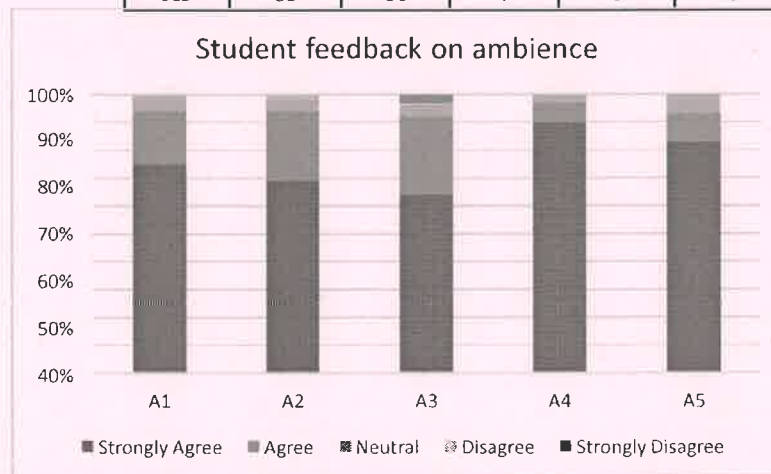
STUDENT FEEDBACK ANALYSIS REPORT ON AMBIENCE OF THE INSTITUTION

2021-2022

Questions

- A1. Computer facilities in the institution
- A2. Laboratory facilities in the institution
- A3. Classroom facilities were conducive to learning
- A4. Library facilities in the institution
- A5. Internet facilities in the institution

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A1	72	21	5	1	0
A2	67	27	4	2	0
A3	64	28	4	1	3
A4	92	5	3	0	0
A5	83	10	7	0	0



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FEEDBACK FROM STUDENTS ON CURRICULUM

Analysis of feedbacks from students


Structured feedback on curriculum was collected from the students on the following areas:

- P1. Is the curriculum structured to meet the requirements of the students in the outside world?
- P2. Do you find the syllabus updated to reflect latest advances in the respective field?
- P3. Do the laboratory activities help in understanding the concepts of the subject?
- P4. Does the program encourage you to pursue higher studies?
- P5. Does the curriculum introduce the concepts of sustainability and ethics to the students?
- P6. Do you find the electives suitable for developing a deeper understanding of the specialized field?
- P7. Are the objectives of the courses clearly defined?
- P8. Does the syllabus enable you to achieve the programs learning outcomes?
- P9. Do you find internships/projects/field visits relevant in the curriculum?
- P10. Do you find add on courses/value added courses relevant for a better understanding the course?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree




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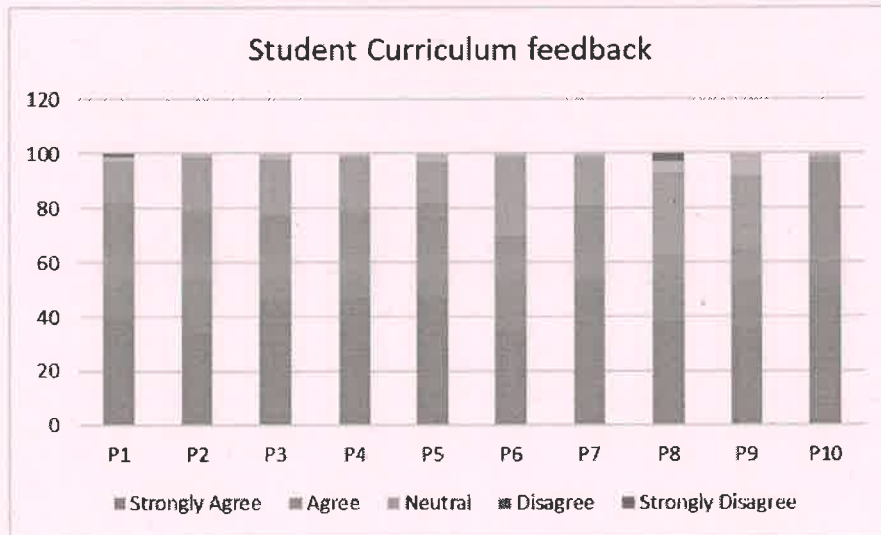


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Question wise analysis in percentage Department of Civil Engineering Academic Year: 2021-2022

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	40	42	15	2	1
P2	34	45	20	1	-
P3	46	32	20	2	-
P4	47	32	20	1	-
P5	47	35	15	3	-
P6	35	35	29	1	-
P7	54	27	18	1	-
P8	38	25	30	4	3
P9	35	30	27	8	-
P10	60	36	3	1	-



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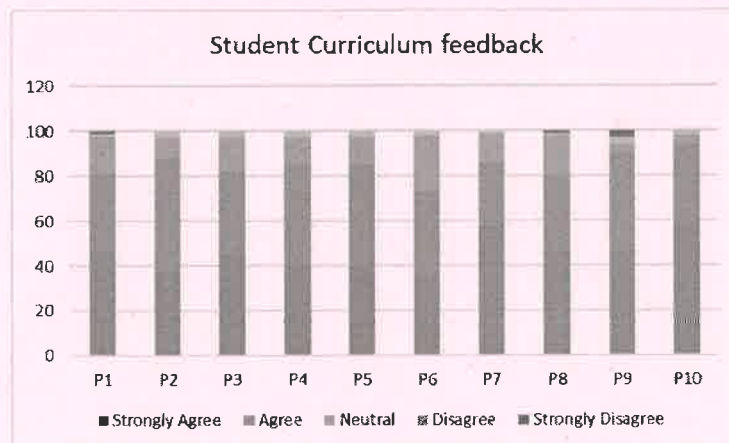
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Question wise analysis in percentage

Department of Automobile Engineering

Academic Year: 2021-2022

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	46	35	17	1	1
P2	38	50	9	3	0
P3	45	37	15	3	0
P4	40	45	12	3	0
P5	40	45	12	3	0
P6	36	37	25	2	0
P7	58	28	13	1	0
P8	47	33	18	1	1
P9	47	43	4	3	3
P10	58	36	4	2	0



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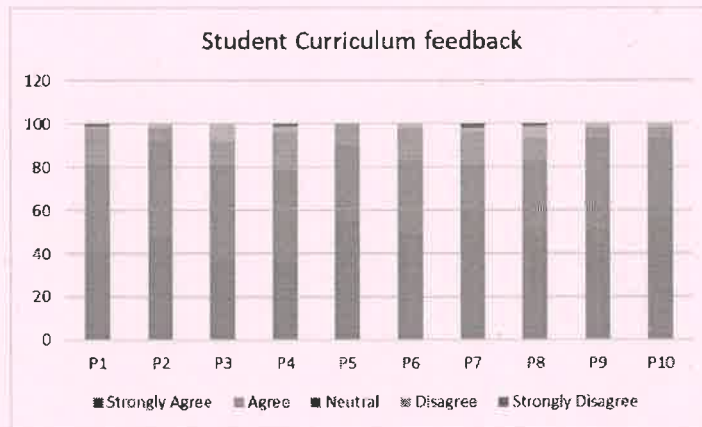
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Question wise analysis in percentage

Department of Computer Science Engineering

Academic Year: 2021-2022

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	40	42	16	1	1
P2	48	44	6	2	0
P3	37	44	11	8	0
P4	35	44	17	3	1
P5	55	35	10	0	0
P6	49	34	15	2	0
P7	60	21	15	2	2
P8	50	33	10	6	1
P9	51	42	5	2	0
P10	56	37	5	2	0



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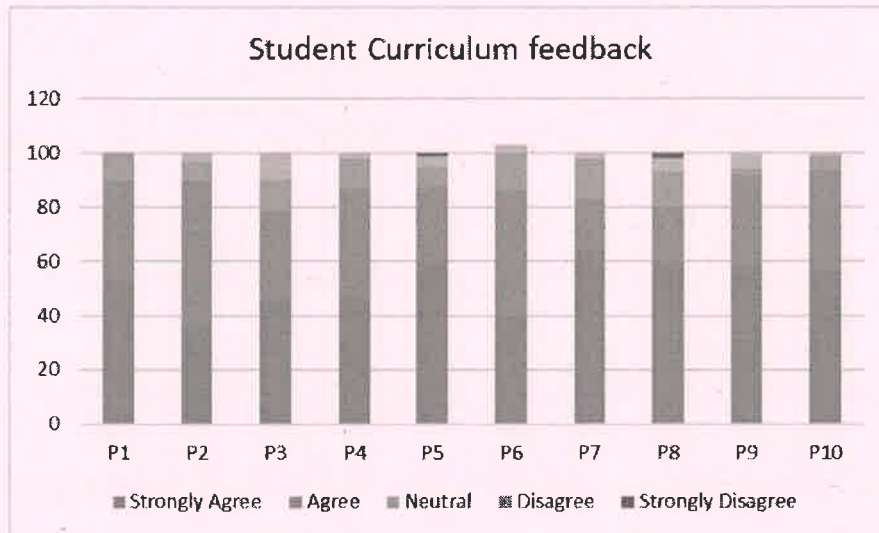
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Question wise analysis in percentage

Department of Electrical and Electronics Engineering

Academic Year:2021-2022

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	52	38	10	0	0
P2	36	54	7	3	0
P3	46	33	11	10	0
P4	47	40	11	2	0
P5	60	28	7	4	1
P6	40	46	14	3	0
P7	65	18	15	2	0
P8	60	20	13	5	2
P9	58	34	2	6	0
P10	56	38	5	1	0



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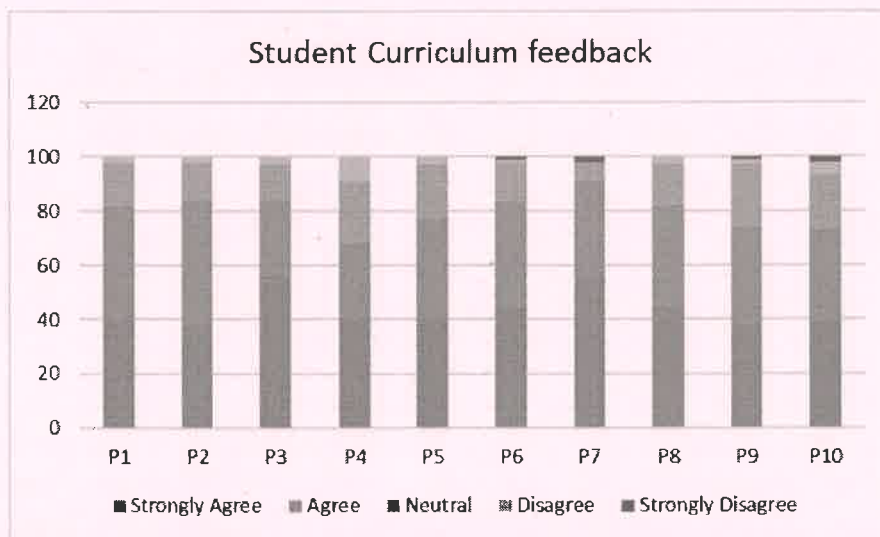
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Question wise analysis in percentage

Department of Electronics and Communication Engineering

Academic Year: 2021-2022

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	40	42	16	2	0
P2	38	46	14	2	0
P3	56	28	13	3	0
P4	40	28	23	9	0
P5	40	37	20	3	0
P6	45	38	15	1	1
P7	55	36	7	0	2
P8	45	37	15	3	0
P9	38	36	23	2	1
P10	39	34	20	5	2



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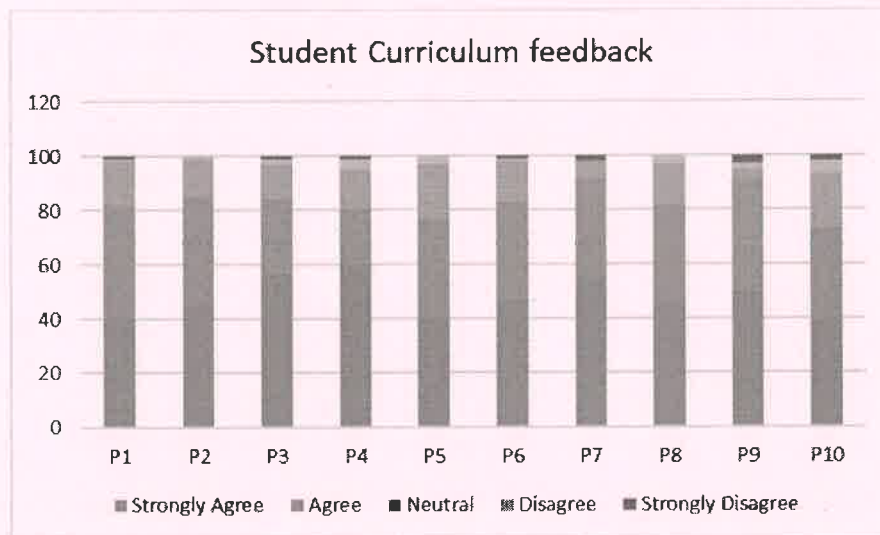
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Question wise analysis in percentage

Department of Mechanical Engineering

Academic Year: 2021-2022

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	40	42	16	1	1
P2	45	40	14	1	0
P3	56	28	13	2	1
P4	60	20	15	4	1
P5	40	37	20	3	0
P6	47	36	15	1	1
P7	55	36	7	0	2
P8	45	37	15	3	0
P9	50	41	4	2	3
P10	39	34	20	5	2



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Student exit feedback analysis

Automobile Engineering

2021-2022

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply basic science and mathematical principles to design, develop or reengineer automobiles.

PSO2 - Design or develop subsystems required for building safe, efficient and green vehicles.

PSO3 - Applying knowledge of the function of various automobile components and systems for continuous and preventive service and maintenance.



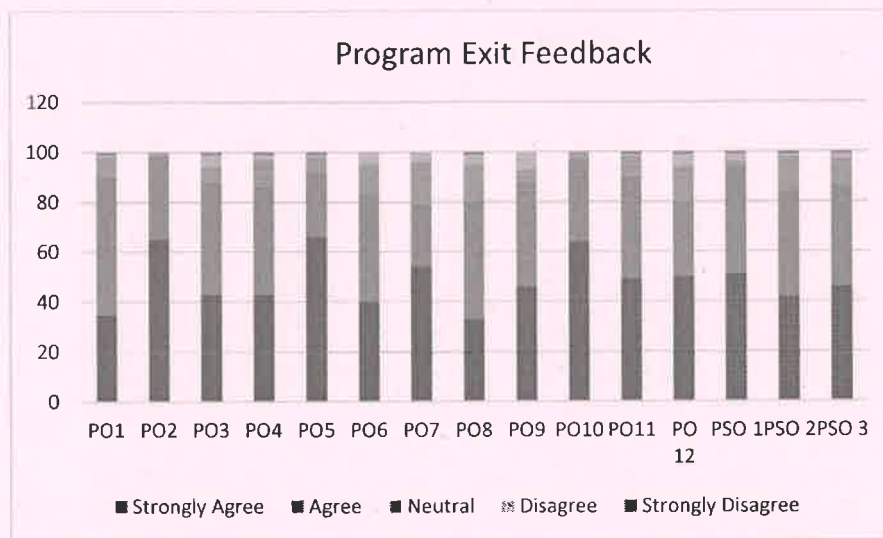
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	56	34	10	0	
PO2	65	32	3	0	
PO3	43	45	6	5	1
PO4	45	42	11	1	1
PO5	68	26	6	0	
PO6	39	43	12	6	0
PO7	55	25	17	3	
PO8	34	48	14	3	1
PO9	49	42	2	7	
PO10	64	32	2	1	1
PO11	46	42	10	1	1
PO 12	55	30	11	3	1
PSO 1	50	43	3	3	1
PSO 2	40	42	14	3	1
PSO 3	45	40	11	3	1



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Student exit feedback analysis Civil Engineering

2021-2022

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Graduates shall demonstrate good understanding of engineering fundamentals and demonstrate sound knowledge in analysis, design and laboratory investigations in various domains of Civil Engineering.

PSO2 - Graduates will exhibit a passion for continuous self-learning and/ or pursue higher studies and engineering research.

PSO3 - Graduates will possess ability to interact and function within multidisciplinary teams with competence in modern tool usage.



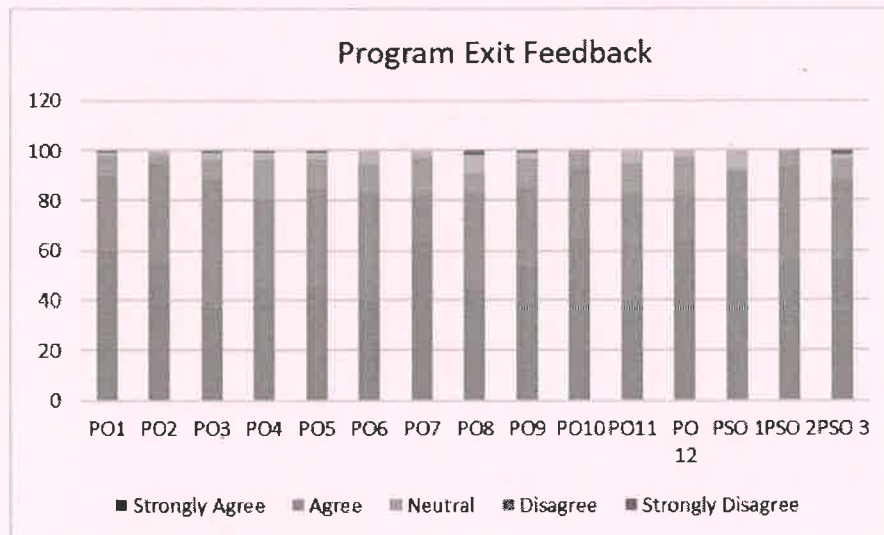
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	60	30	8	1	1
PO2	55	40	3	2	0
PO3	37	51	8	3	1
PO4	45	35	16	3	1
PO5	45	40	11	3	1
PO6	40	43	12	5	0
PO7	64	18	15	3	0
PO8	44	39	8	7	2
PO9	53	32	11	3	1
PO10	65	28	7	0	0
PO11	40	43	12	5	0
PO 12	64	18	15	3	0
PSO 1	57	34	2	7	0
PSO 2	55	39	6	0	0
PSO 3	56	32	8	2	2



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ERNAKULAM, KERALA-683 576



SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Palissery, Karukutty, Kerala 683576

Student exit feedback Computer

Science Engineering 2021-2022

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply knowledge of mathematics, science, engineering and computer science fundamentals to solve complex computational problems.

PSO2 - Use modern tools to analyze, design and develop software solutions in the areas pertaining to system software, database, networking, web and mobile applications, information security, data analytics and machine learning.

PSO3 - Employ modern computer languages, environments, and platforms to create innovative career paths, pursue higher studies and entrepreneurship.



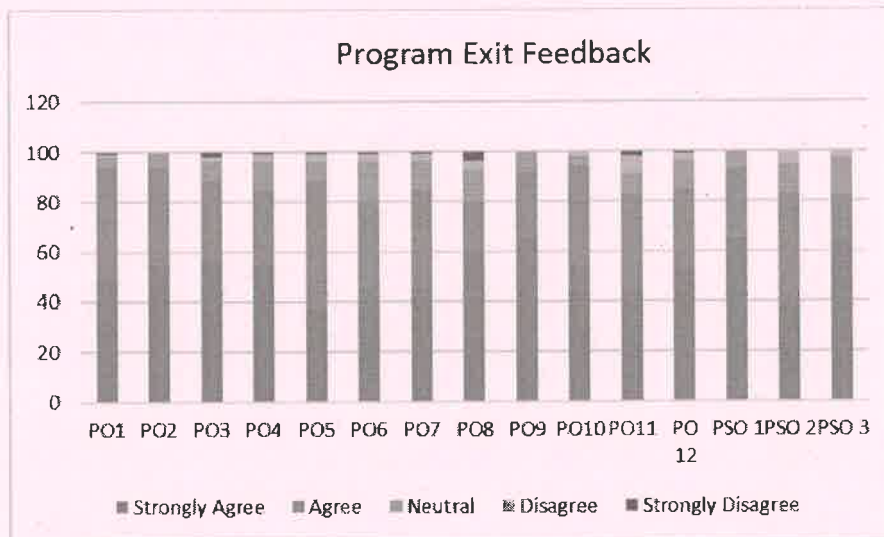
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	50	44	4	1	1
PO2	55	39	6	0	0
PO3	56	32	8	2	2
PO4	55	30	11	3	1
PO5	37	51	8	3	1
PO6	45	35	16	3	1
PO7	45	40	11	3	1
PO8	60	20	13	3	4
PO9	65	27	8	0	0
PO10	54	40	4	2	0
PO11	44	39	8	7	2
PO 12	53	32	11	3	1
PSO 1	65	28	7	0	0
PSO 2	38	45	12	5	0
PSO3	59	20	18	3	0



Prithu

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Student exit feedback analysis Electrical and Electronics Engineering 2021-2022

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - To analyze and apply the knowledge of electrical fundamentals, circuit design, control engineering, field theory, power system and allied topics.

PSO2 - To understand technologies and gain the practical skills to design, simulate and analyse electrical system to engage in lifelong learning and successfully adapt in multi-disciplinary environment.

PSO3 - To design, develop and implement Electrical and inter disciplinary projects to meet industry demand and to provide solution to real time problems in current scenario.



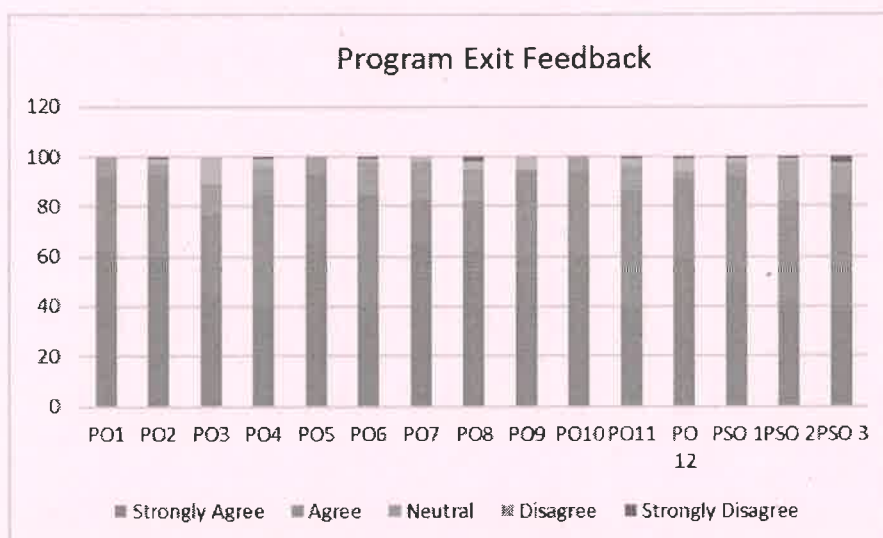
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	62	30	8	0	0
PO2	60	33	4	2	1
PO3	44	33	12	11	0
PO4	40	45	11	3	1
PO5	65	28	7	0	0
PO6	40	45	13	1	1
PO7	65	18	15	2	0
PO8	62	20	13	3	2
PO9	60	34	1	5	0
PO10	60	34	6	0	0
PO11	40	46	10	3	1
PO 12	59	32	3	5	1
PSO 1	50	42	5	2	1
PSO 2	42	40	16	1	1
PSO 3	40	45	11	1	3



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Student exit feedback analysis

Electronics and Communication Engineering

2021-2022

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Design and create novel systems in the field of Electronics and Communication to solve global issues.

PSO2 - Carry out research activities in Electronics and Communication Engineering using modern hardware and software tools specific to the field.

PSO3 - Analyze the working of electronic systems in industry and interpret results to arrive at valid conclusions.



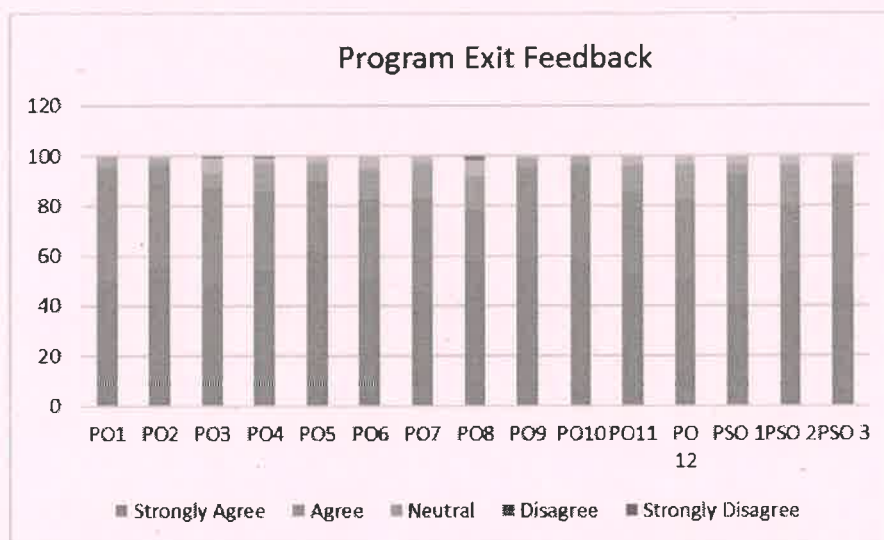
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	50	45	5	0	0
PO2	56	40	3	1	0
PO3	48	39	6	6	1
PO4	54	32	11	2	1
PO5	62	28	7	3	0
PO6	50	33	12	5	0
PO7	45	38	14	3	0
PO8	58	20	14	6	2
PO9	60	35	4	1	0
PO10	58	38	4	0	0
PO11	52	34	10	4	0
PO 12	50	32	14	4	0
PSO 1	40	52	4	4	0
PSO 2	54	26	16	4	0
PSO 3	48	40	9	3	0



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Student exit feedback analysis

Mechanical Engineering

2021-2022

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply the knowledge of mathematics, physics, basics of other engineering disciplines, mechanics, thermal sciences, fluid mechanics and management principles for solving complex and diverse problems in the field of mechanical engineering.

PSO2 - Implement the principles of design, analysis and interpretation of data to the mechanical systems and processes.

PSO3 - Use modern tools such as CAD/CAM/ CIM/CFD, IT, IOT and 3D printing techniques in the mechanical engineering practice.



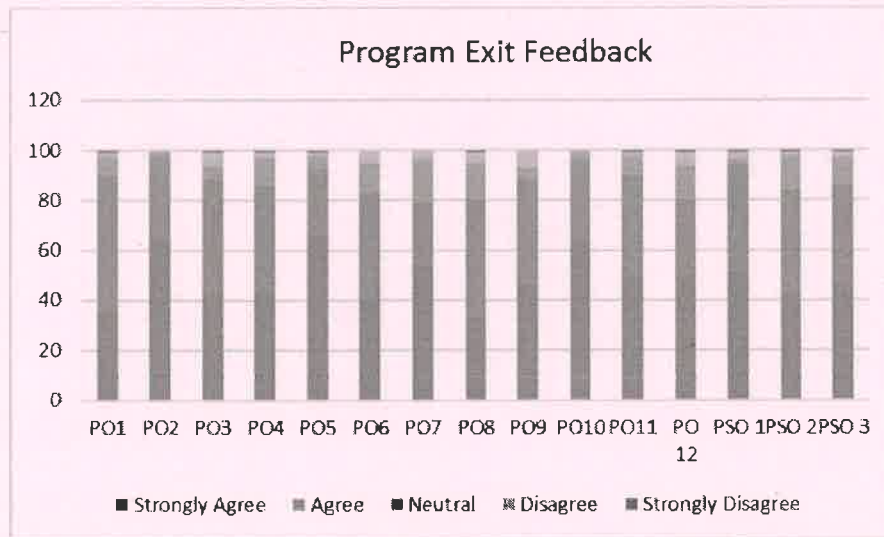
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	35	55	8	1	1
PO2	65	33	2	0	0
PO3	43	45	6	5	1
PO4	43	43	11	2	1
PO5	66	26	6	1	1
PO6	40	43	12	5	0
PO7	54	25	17	4	0
PO8	33	47	15	4	1
PO9	46	42	5	7	0
PO10	64	33	3	0	0
PO11	49	41	8	1	1
PO 12	50	30	14	5	1
PSO 1	51	43	2	3	1
PSO 2	42	42	14	1	1
PSO 3	46	40	11	2	1



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FEEDBACK FROM ALUMNI ON CURRICULUM

2021-2022

Alumni feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?


P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



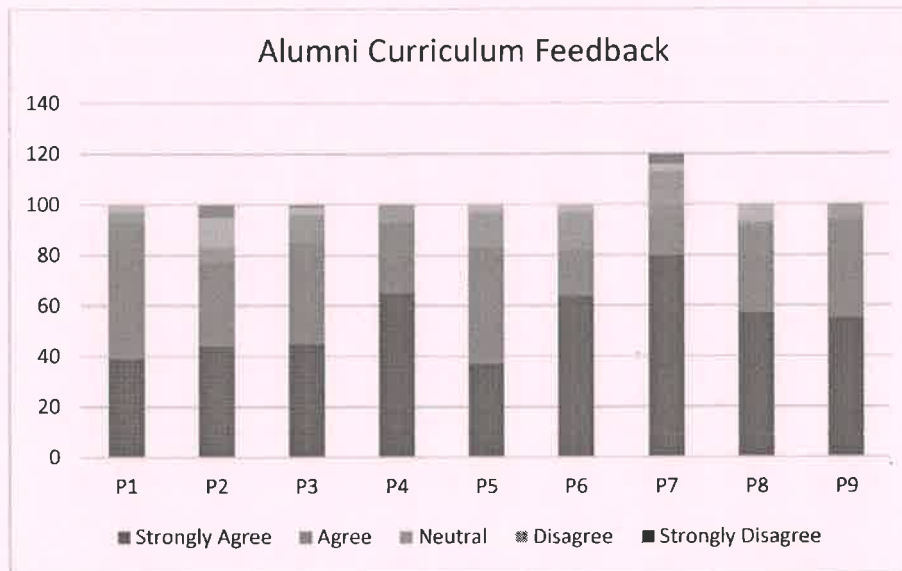

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	80	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	




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ALUMNI FEEDBACK ANALYSIS

2021-2022

- P1. Apply engineering knowledge in professional engineering practice
- P2. The confidence to conduct investigations of complex problems.
- P3. The caliber to use Modern tools pertaining to the field of Engineering
- P4. The expertise and willingness to apply the knowledge in engineering for the betterment of society.
- P5. The preparedness to protect the environment and follow the concept of sustainability.
- P6. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- P7. Deliver the best results in both Individual as well as team work.
- P8. Proficiency in both verbal and written Communication.
- P9. Flair to handle projects and task with know-how of Project management and finance.
- P10. Awareness of the importance of Life-long learning.



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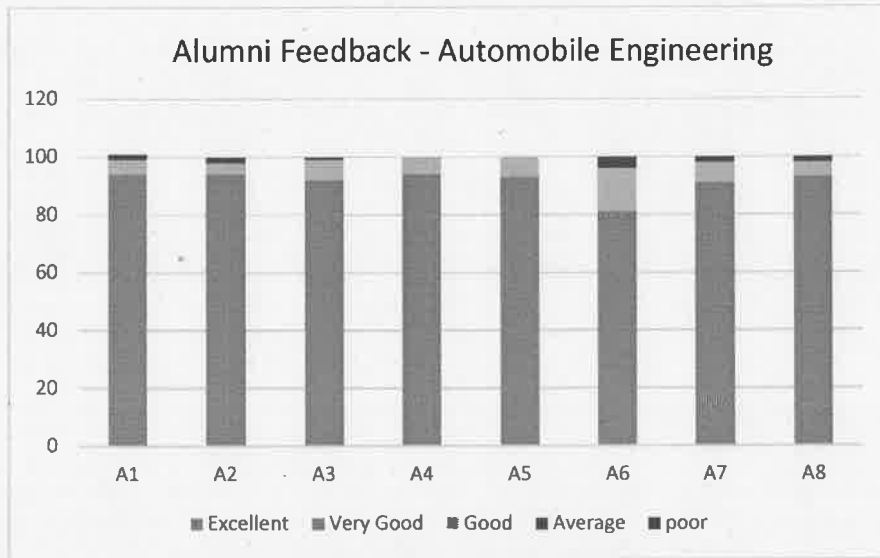


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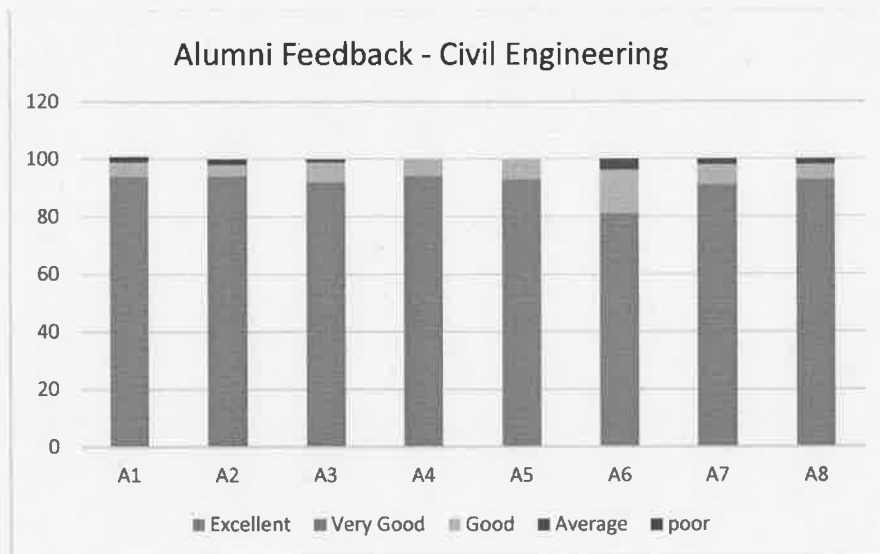
AUTOMOBILE ENGINEERING

2021-2022



CIVIL ENGINEERING

2021-2022



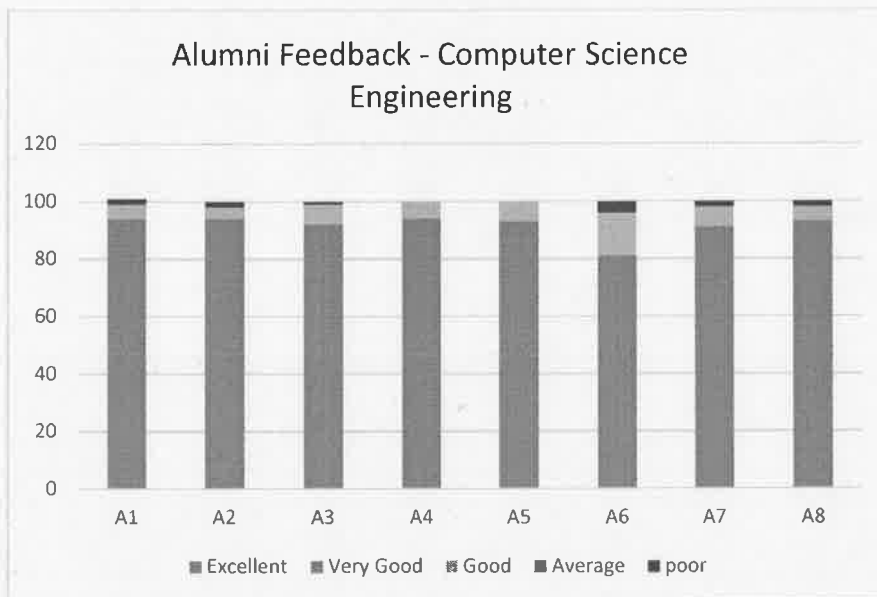


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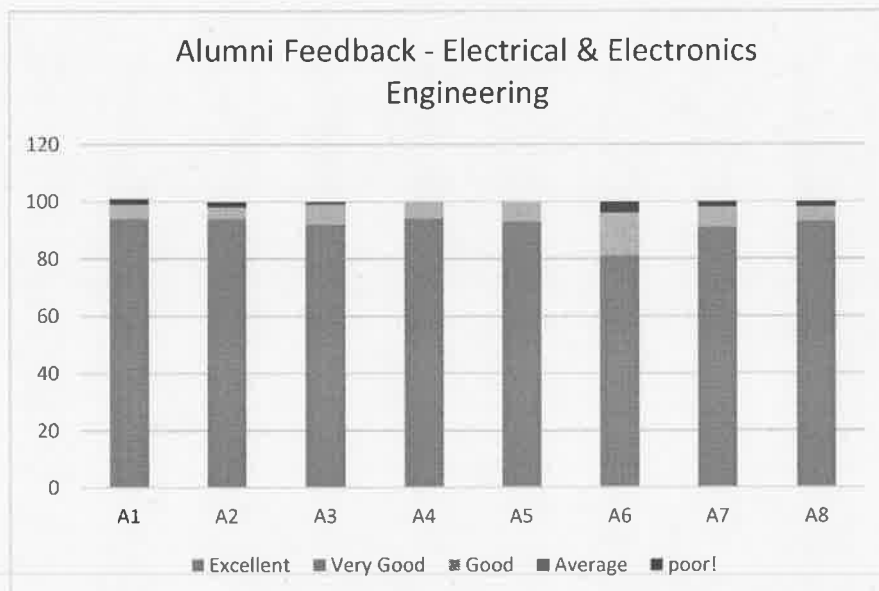
COMPUTER SCIENCE ENGINEERING

2021-2022



ELECTRICAL AND ELECTRONICS ENGINEERING

2021-2022



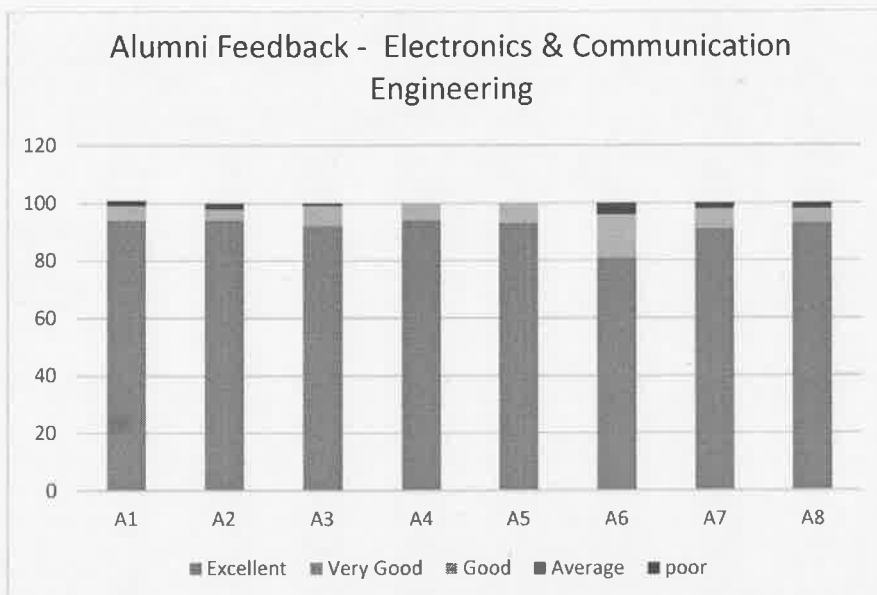


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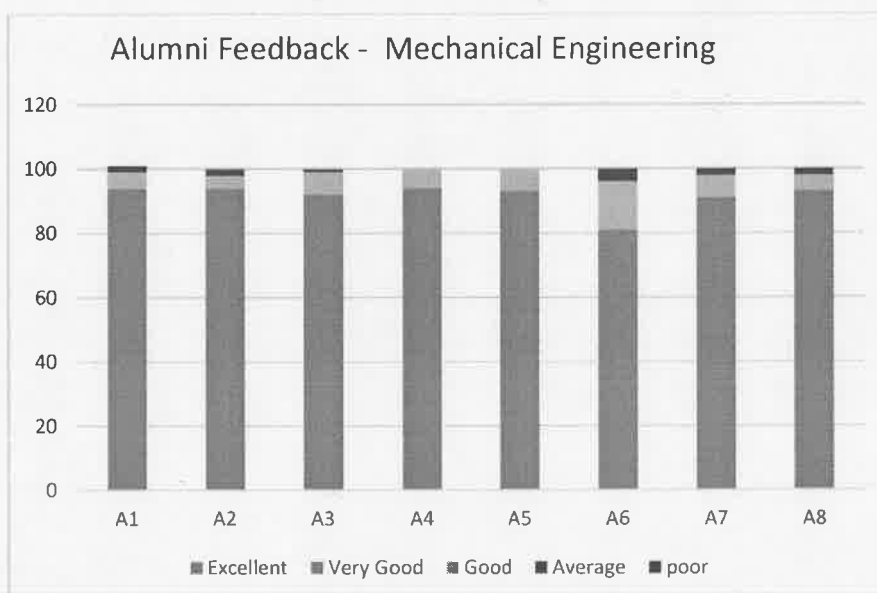
ELECTRONICS AND COMMUNICATION ENGINEERING

2021-2022



MECHANICAL ENGINEERING

2021-2022





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EMPLOYER FEEDBACK ANALYSIS REPORT

2021-2022

Questions

- A1. Performance of our graduates
- A2. Inclination to adopt new technology
- A3. Independent thinking and problem-solving ability
- A4. Communication skills
- A5. Leadership skills
- A6. Professional Attitude
- A7. Ethics
- A8. Inclination to identify problems in society




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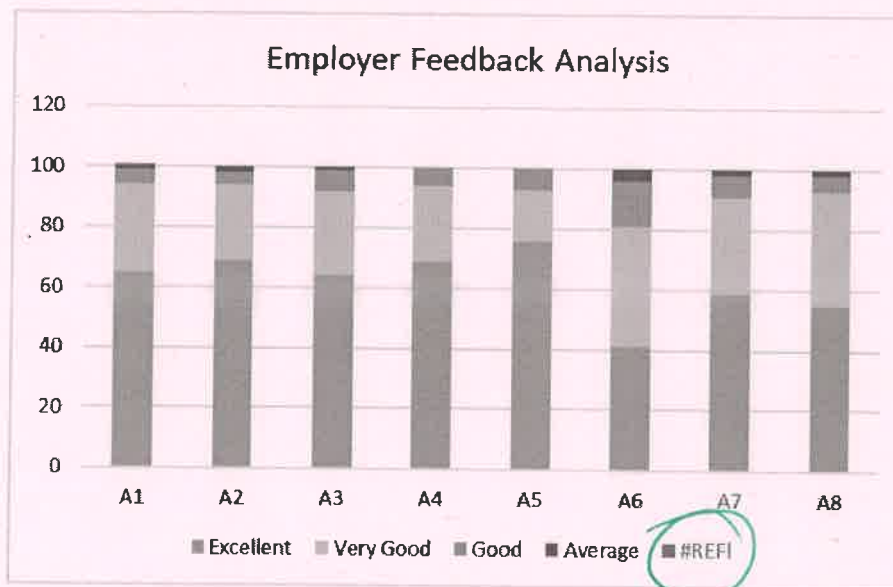
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EMPLOYER FEEDBACK ANALYSIS REPORT

ACADEMIC YEAR: 2021-2022

	Excellent	Very Good	Good	Average
A1	65	29	5	1
A2	69	25	4	2
A3	64	28	7	1
A4	69	25	6	0
A5	76	17	7	0
A6	41	40	15	4
A7	59	32	7	2
A8	55	38	5	2





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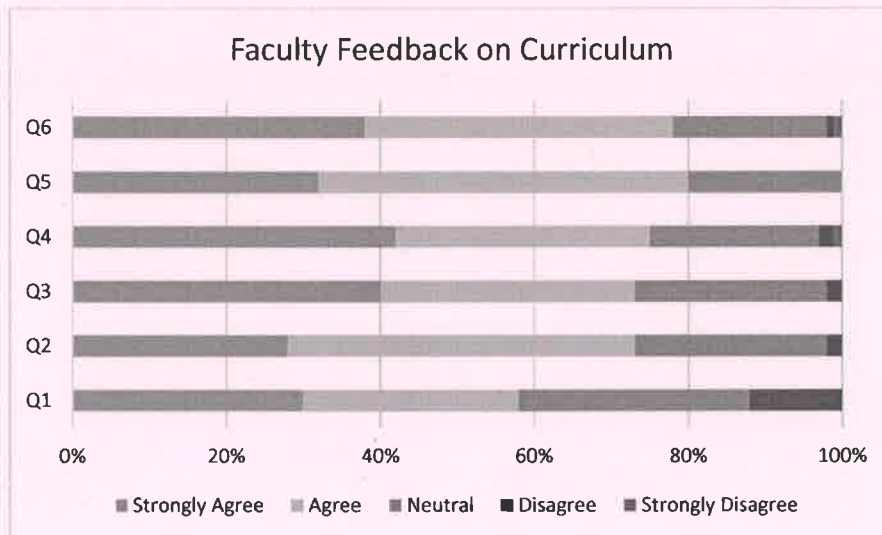
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)

2021-2022

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields



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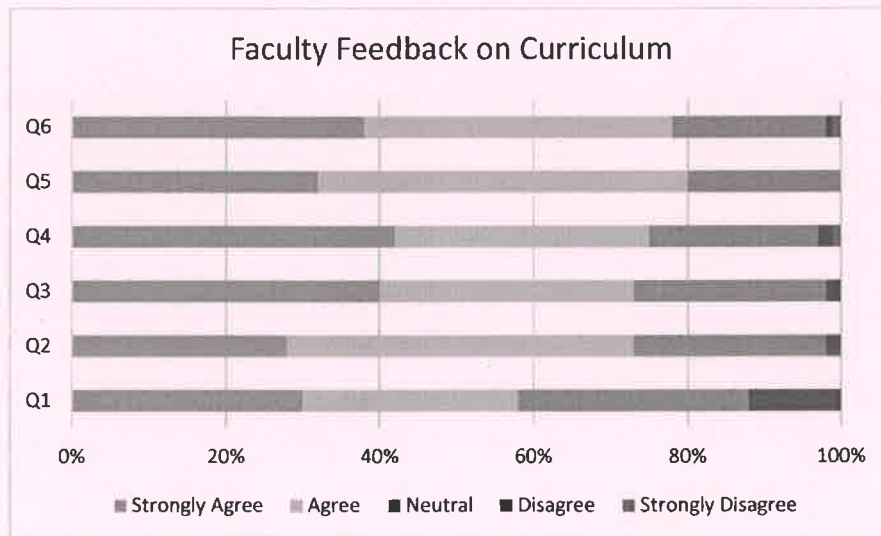
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Faculty feedback (2015 regulation B.Tech)

2021-2022

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields




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FEEDBACK FROM EMPLOYERS ON CURRICULUM

2021-2022

Employer feedback on curriculum was collected from employers on the following areas

- P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?
- P2. Rate the applicability of the tools/activities/case studies presented in the curriculum facilitating more employability skills among graduates
- P3. How effective is the Curriculum in developing analytical and problem-solving skills?
- P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning?
- P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics
- P6. Curriculum reflects current trends and practices in the respective disciplines.
- P7. Does the curriculum effectively cover topics on fundamentals and latest technology?
- P8. The academic initiatives of the institution contribute towards achieving the Mission and Vision of the institution
- P9. Rate the proficiency of our graduates to adapt to industry requirements
- P10. The curriculum facilitates an overall holistic development of the student?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



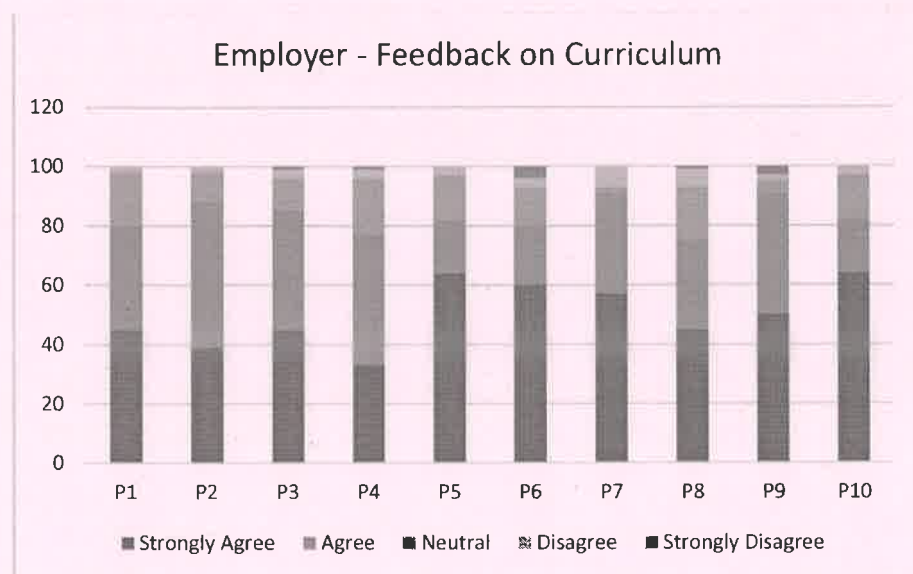

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	45	35	18	2	0
P2	39	49	10	2	0
P3	45	40	11	3	1
P4	33	44	19	3	1
P5	64	18	15	3	0
P6	60	20	13	3	4
P7	57	34	2	7	0
P8	45	30	18	6	1
P9	50	41	4	2	3
P10	64	18	15	3	0




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FEEDBACK FROM ALUMNI ON CURRICULUM

2021-2022

Employer feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?

P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



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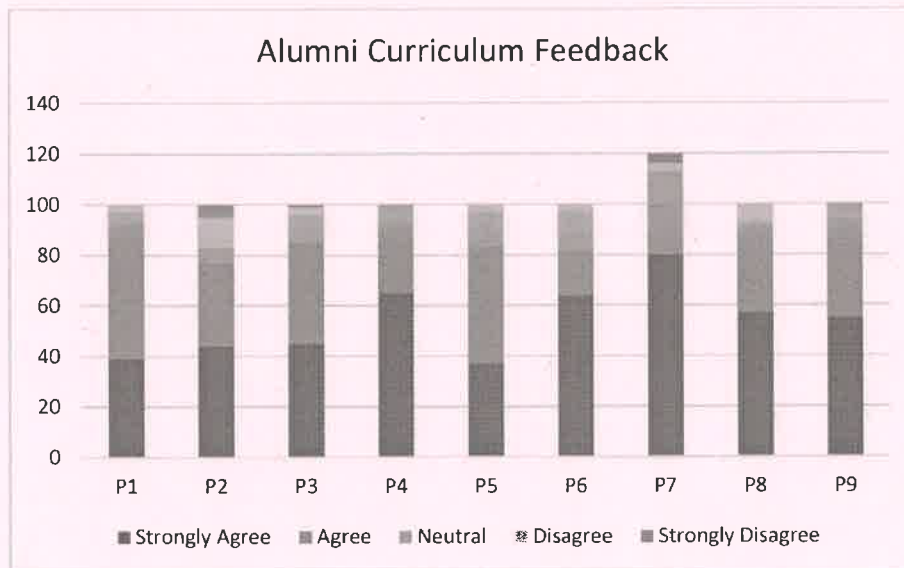
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	80	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	



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Feedback Analysis Report

2020-21



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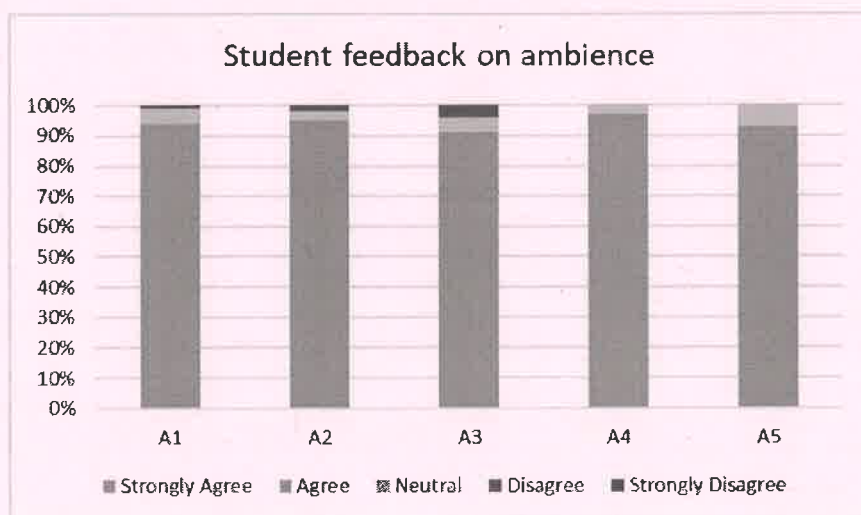
STUDENT FEEDBACK ANALYSIS REPORT ON AMBIENCE OF THE INSTITUTION

2020-2021

Questions

- A1. Computer facilities in the institution
- A2. Laboratory facilities in the institution
- A3. Classroom facilities were conducive to learning
- A4. Library facilities in the institution
- A5. Internet facilities in the institution

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A1	77	17	5	1	0
A2	70	25	3	2	0
A3	66	25	5	1	3
A4	89	8	3	0	0
A5	81	10	7	0	0



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FEEDBACK FROM STUDENTS ON CURRICULUM

Analysis of feedbacks from students

Structured feedback on curriculum was collected from the students on the following areas:

- P1. Is the curriculum structured to meet the requirements of the students in the outside world?
- P2. Do you find the syllabus updated to reflect latest advances in the respective field?
- P3. Do the laboratory activities help in understanding the concepts of the subject?
- P4. Does the program encourage you to pursue higher studies?
- P5. Does the curriculum introduce the concepts of sustainability and ethics to the students?
- P6. Do you find the electives suitable for developing a deeper understanding of the specialized field?
- P7. Are the objectives of the courses clearly defined?
- P8. Does the syllabus enable you to achieve the programs learning outcomes?
- P9. Do you find internships/projects/field visits relevant in the curriculum?
- P10. Do you find add on courses/value added courses relevant for a better understanding the course?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



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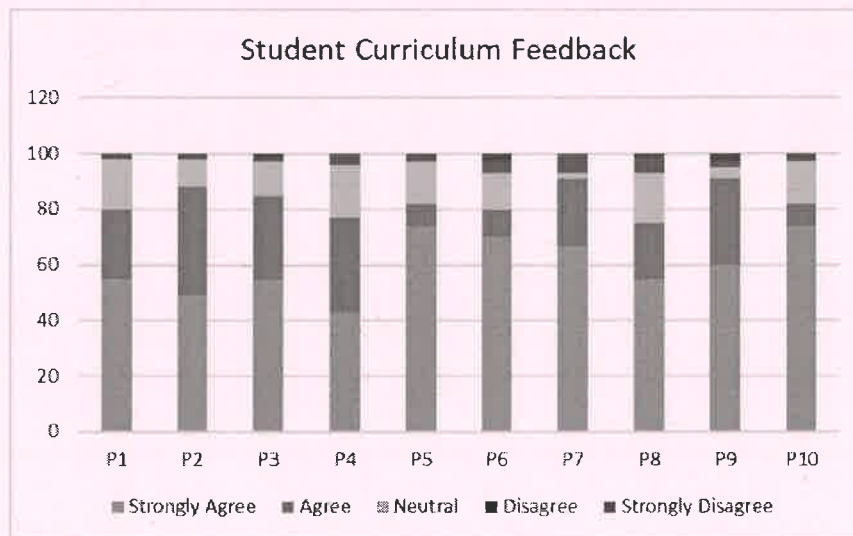
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Question wise analysis in percentage

Department of Civil Engineering

Academic Year: 2020-2021

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	55	25	18	2	0
P2	49	39	10	2	
P3	55	30	12	2	1
P4	43	34	19	4	0
P5	74	8	15	3	
P6	70	10	13	4	3
P7	67	24	2	7	
P8	55	20	18	6	1
P9	60	31	4	2	3
P10	74	8	15	3	



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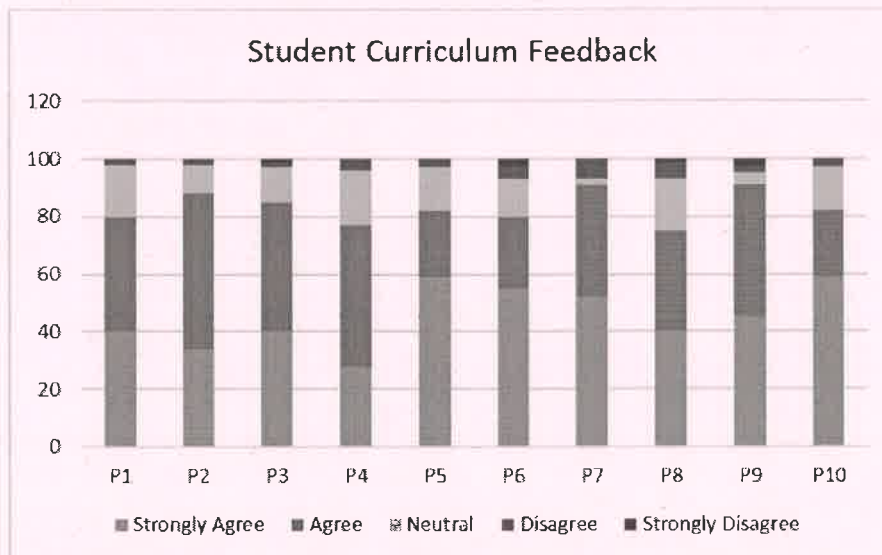
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Question wise analysis in percentage

Department of Automobile Engineering

Academic Year: 2020-2021

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	40	40	18	2	0
P2	34	54	10	2	
P3	40	45	12	2	1
P4	28	49	19	4	0
P5	59	23	15	3	
P6	55	25	13	4	3
P7	52	39	2	7	
P8	40	35	18	6	1
P9	45	46	4	2	3
P10	59	23	15	3	



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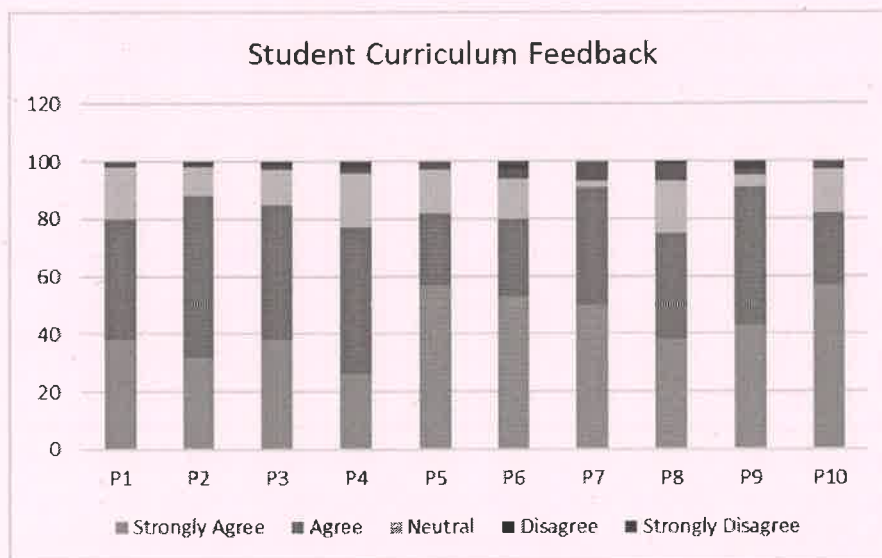
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Question wise analysis in percentage

Department of Computer Science Engineering

Academic Year: 2020-2021

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	38	42	18	2	0
P2	32	56	10	1	1
P3	38	47	12	2	1
P4	26	51	19	2	2
P5	57	25	15	3	
P6	53	27	14	3	3
P7	50	41	2	7	
P8	38	37	18	6	1
P9	43	48	4	2	3
P10	57	25	15	3	



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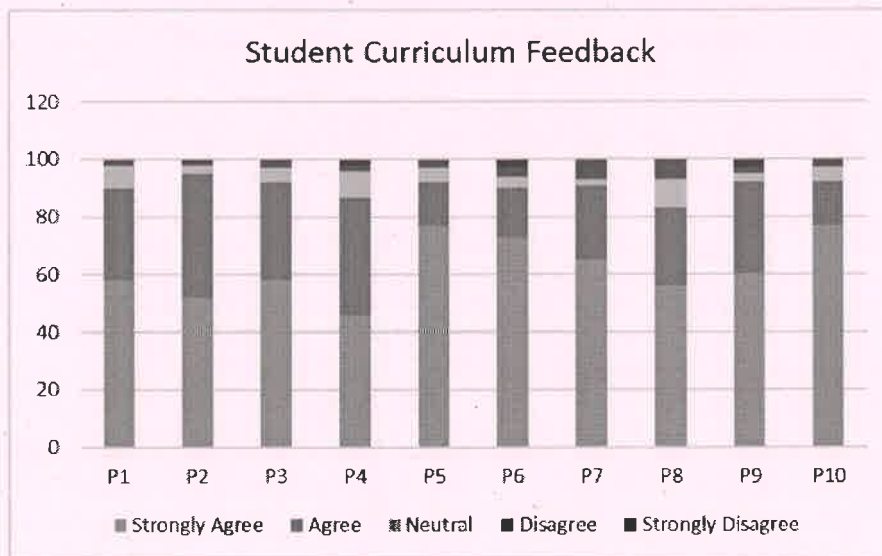
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Question wise analysis in percentage

Department of Electrical and Electronics Engineering

Academic Year:2020-2021

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	58	32	8	2	0
P2	52	43	3	1	1
P3	58	34	5	2	1
P4	46	41	9	2	2
P5	77	15	5	3	
P6	73	17	4	3	3
P7	65	26	2	7	
P8	56	27	10	6	1
P9	60	32	3	2	3
P10	77	15	5	3	



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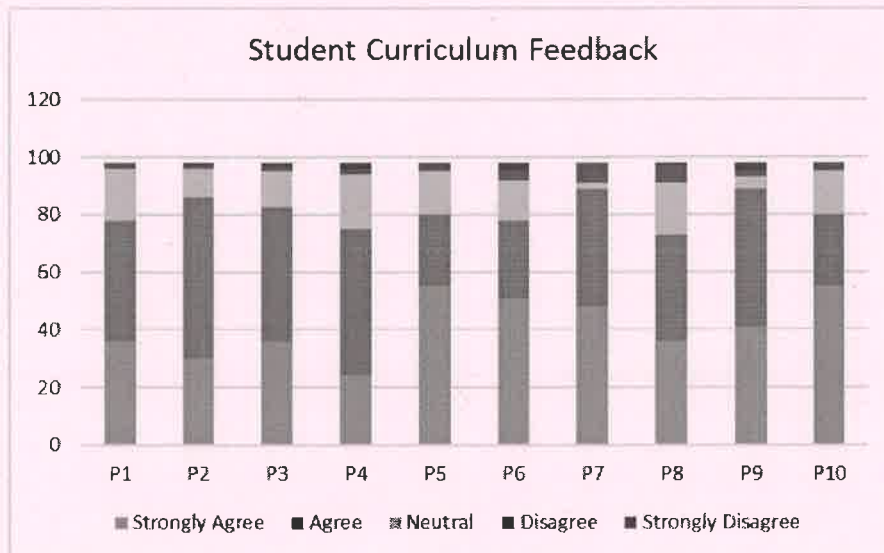
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Question wise analysis in percentage Department of Electronics and Communication Engineering

Academic Year: 2020-2021

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	36	42	18	2	0
P2	30	56	10	1	1
P3	36	47	12	2	1
P4	24	51	19	2	2
P5	55	25	15	3	
P6	51	27	14	3	3
P7	48	41	2	7	
P8	36	37	18	6	1
P9	41	48	4	2	3
P10	55	25	15	3	



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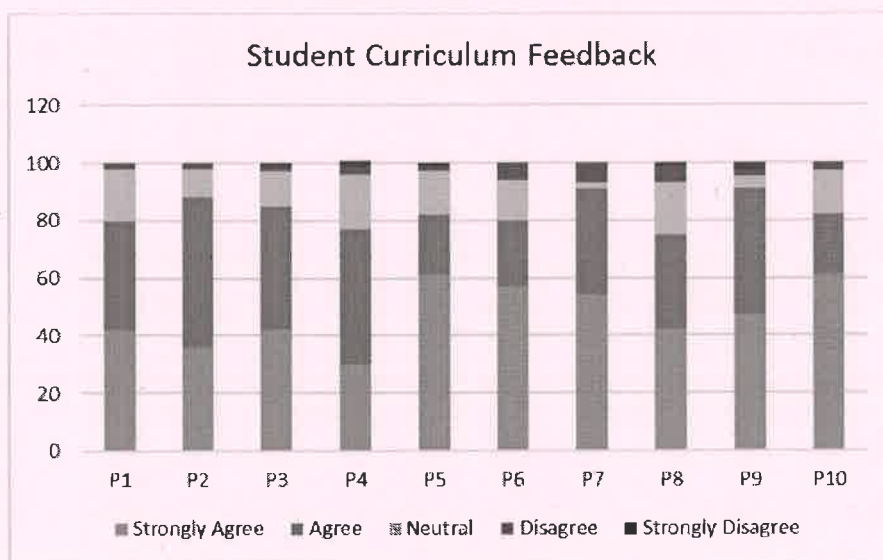
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Question wise analysis in percentage

Department of Mechanical Engineering

Academic Year: 2020-2021

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	42	38	18	2	
P2	36	52	10	2	
P3	42	43	12	2	1
P4	30	47	19	3	2
P5	61	21	15	2	1
P6	57	23	14	6	
P7	54	37	2	7	
P8	42	33	18	6	1
P9	47	44	4	2	3
P10	61	21	15	3	



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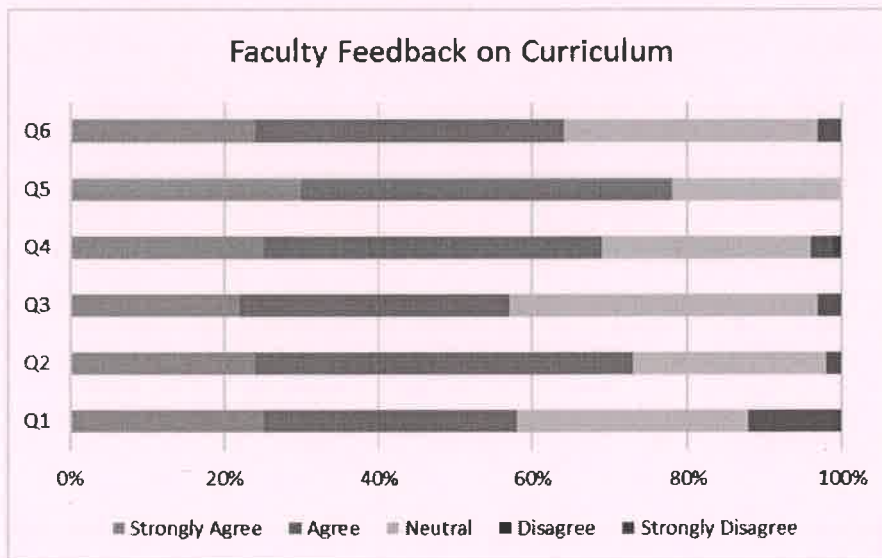
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)

2020-2021

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields



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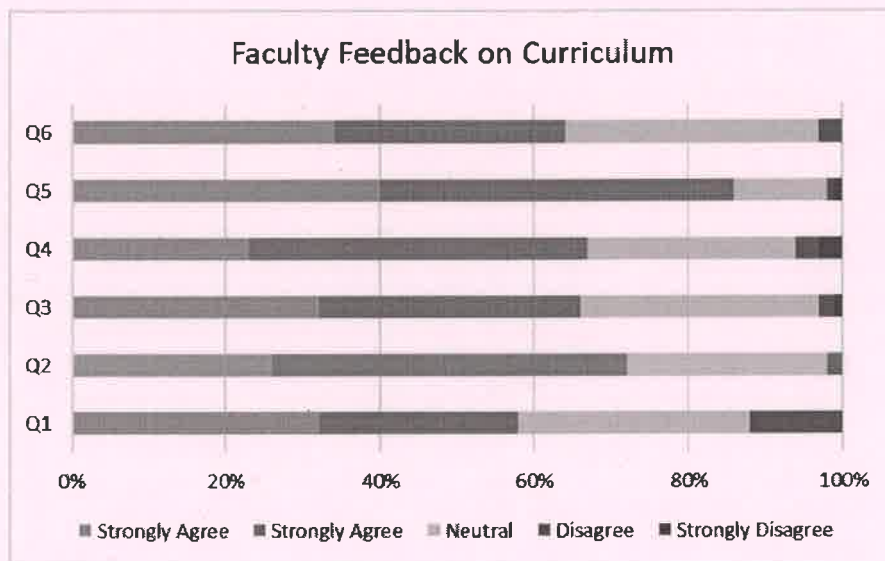
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Faculty feedback (2015 regulation B.Tech)

2020-2021

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields



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Student exit feedback analysis

Automobile Engineering

2020-2021

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply basic science and mathematical principles to design, develop or reengineer automobiles.

PSO2 - Design or develop subsystems required for building safe, efficient and green vehicles.

PSO3 - Applying knowledge of the function of various automobile components and systems for continuous and preventive service and maintenance.



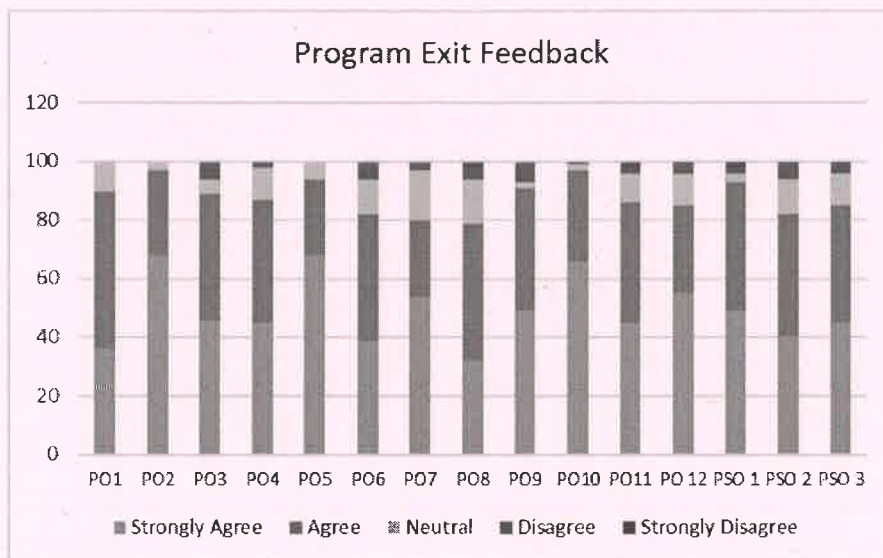
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	36	54	10	0	
PO2	68	29	3	0	
PO3	46	43	5	6	
PO4	45	42	11	2	
PO5	68	26	6	0	
PO6	39	43	12	6	0
PO7	54	26	17	3	
PO8	32	47	15	4	2
PO9	49	42	2	7	
PO10	66	31	2	1	
PO11	45	41	10	2	2
PO 12	55	30	11	3	1
PSO 1	49	44	3	2	2
PSO 2	40	42	12	5	1
PSO 3	45	40	11	3	1



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Student exit feedback analysis

Civil Engineering

2020-2021

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Graduates shall demonstrate good understanding of engineering fundamentals and demonstrate sound knowledge in analysis, design and laboratory investigations in various domains of Civil Engineering.

PSO2 - Graduates will exhibit a passion for continuous self-learning and/ or pursue higher studies and engineering research.

PSO3 - Graduates will possess ability to interact and function within multidisciplinary teams with competence in modern tool usage.



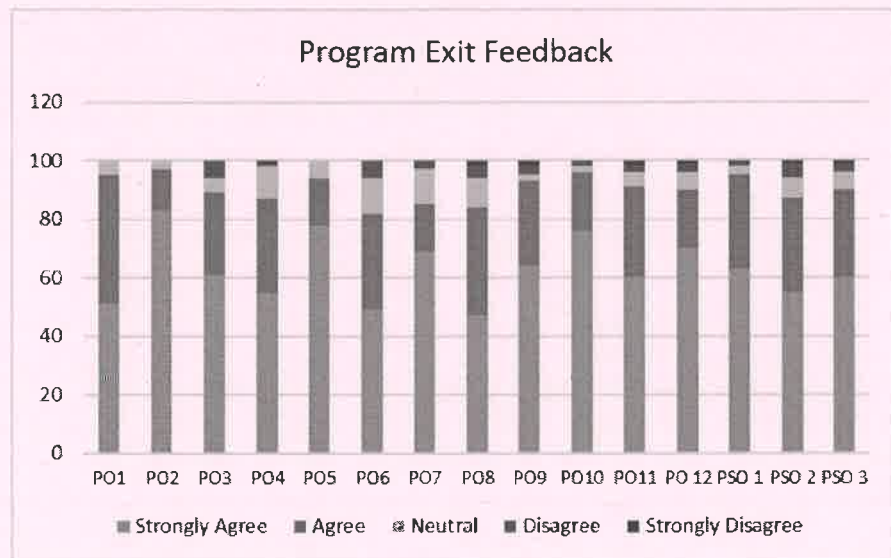
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	51	44	5	0	
PO2	83	14	3	0	
PO3	61	28	5	6	
PO4	55	32	11	1	1
PO5	78	16	6	0	
PO6	49	33	12	6	0
PO7	69	16	12	3	
PO8	47	37	10	4	2
PO9	64	29	2	3	2
PO10	76	20	2	2	
PO11	60	31	5	2	2
PO 12	70	20	6	3	1
PSO 1	63	32	3	2	
PSO 2	55	32	7	5	1
PSO 3	60	30	6	3	1



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Student exit feedback

Computer Science Engineering

2020-2021

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply knowledge of mathematics, science, engineering and computer science fundamentals to solve complex computational problems.

PSO2 - Use modern tools to analyze, design and develop software solutions in the areas pertaining to system software, database, networking, web and mobile applications, information security, data analytics and machine learning.

PSO3 - Employ modern computer languages, environments, and platforms to create innovative career paths, pursue higher studies and entrepreneurship.



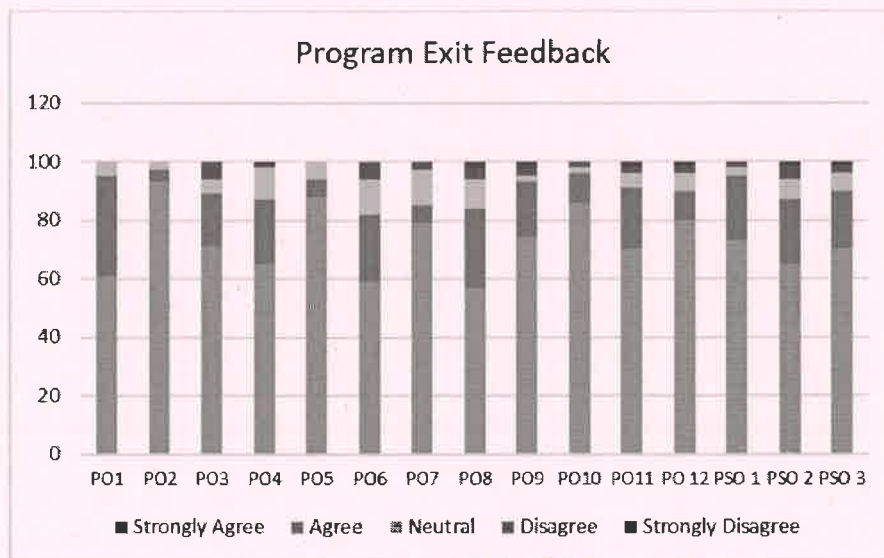
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	61	34	5	0	
PO2	93	4	3	0	
PO3	71	18	5	6	
PO4	65	22	11	1	1
PO5	88	6	6	0	
PO6	59	23	12	6	0
PO7	79	6	12	3	
PO8	57	27	10	4	2
PO9	74	19	2	3	2
PO10	86	10	2	2	
PO11	70	21	5	2	2
PO 12	80	10	6	3	1
PSO 1	73	22	3	2	
PSO 2	65	22	7	5	1
PSO 3	70	20	6	3	1



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Student exit feedback analysis

Electrical and Electronics Engineering

2020-2021

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - To analyze and apply the knowledge of electrical fundamentals, circuit design, control engineering, field theory, power system and allied topics.

PSO2 - To understand technologies and gain the practical skills to design, simulate and analyse electrical system to engage in lifelong learning and successfully adapt in multi-disciplinary environment.

PSO3 - To design, develop and implement Electrical and inter disciplinary projects to meet industry demand and to provide solution to real time problems in current scenario.



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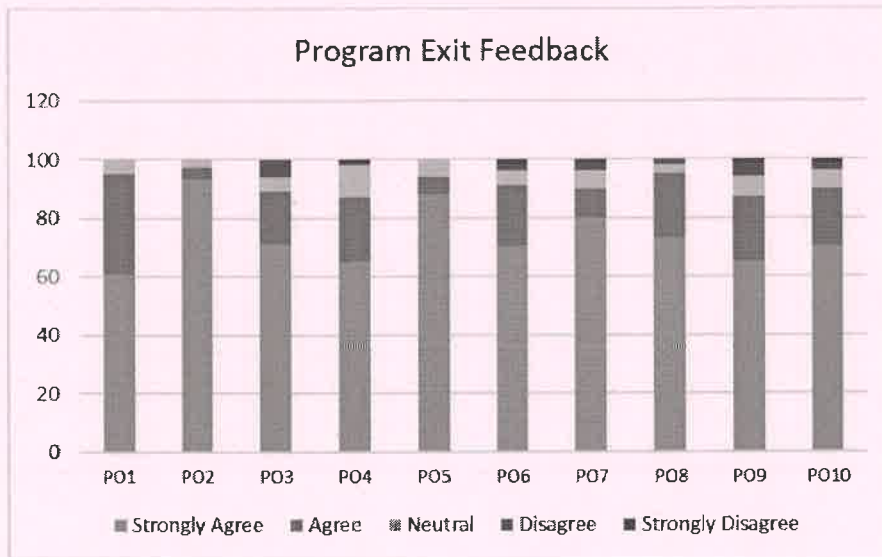
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	59	23	12	6	0
PO2	79	6	12	3	
PO3	57	27	10	4	2
PO4	74	19	2	3	2
PO5	86	10	2	2	
PO6	61	34	5	0	
PO7	93	4	3	0	
PO8	71	18	5	6	
PO9	65	22	11	1	1
PO10	88	6	6	0	
PO11	70	21	5	2	2
PO 12	80	10	6	3	1
PSO 1	73	22	3	2	
PSO 2	65	22	7	5	1
PSO 3	70	20	6	3	1



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Student exit feedback analysis

Electronics and Communication Engineering

2020-2021

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Design and create novel systems in the field of Electronics and Communication to solve global issues.

PSO2 - Carry out research activities in Electronics and Communication Engineering using modern hardware and software tools specific to the field.

PSO3 - Analyze the working of electronic systems in industry and interpret results to arrive at valid conclusions.



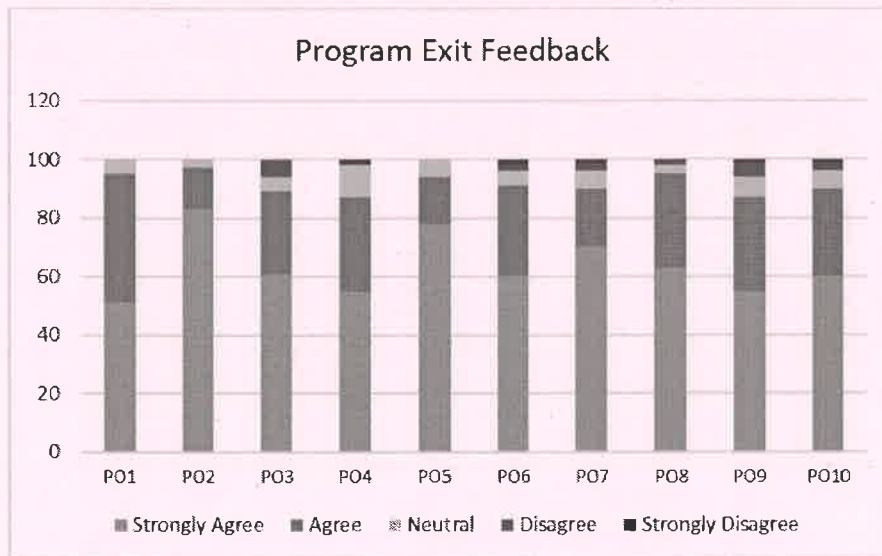
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	49	33	12	6	0
PO2	69	16	12	3	
PO3	47	37	10	4	2
PO4	64	29	2	3	2
PO5	76	20	2	2	
PO6	51	44	5	0	
PO7	83	14	3	0	
PO8	61	28	5	6	
PO9	55	32	11	1	1
PO10	78	16	6	0	
PO11	60	31	5	2	2
PO 12	70	20	6	3	1
PSO 1	63	32	3	2	
PSO 2	55	32	7	5	1
PSO 3	60	30	6	3	1



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Student exit feedback analysis

Mechanical Engineering

2020-2021

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply the knowledge of mathematics, physics, basics of other engineering disciplines, mechanics, thermal sciences, fluid mechanics and management principles for solving complex and diverse problems in the field of mechanical engineering.

PSO2 - Implement the principles of design, analysis and interpretation of data to the mechanical systems and processes.

PSO3 - Use modern tools such as CAD/CAM/ CIM/CFD, IT, IOT and 3D printing techniques in the mechanical engineering practice.



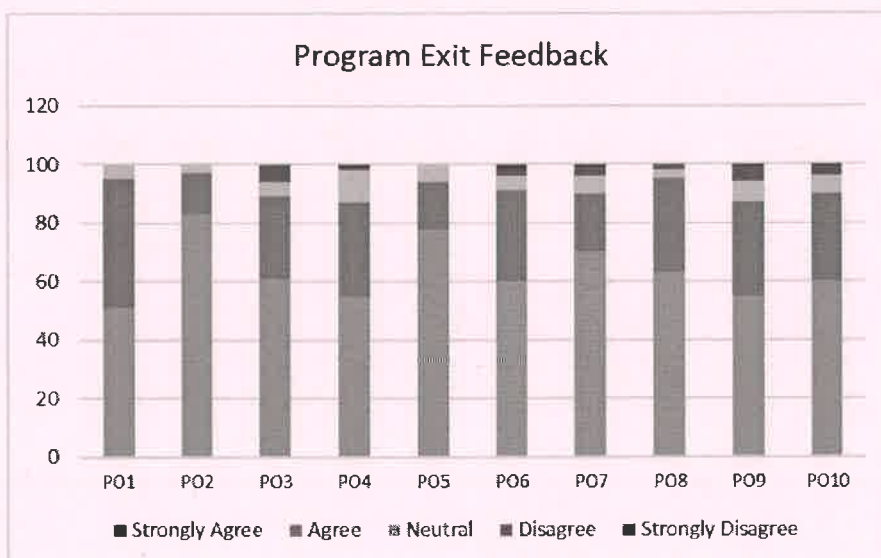

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	49	33	12	6	0
PO2	69	16	12	3	
PO3	47	37	10	4	2
PO4	64	29	2	3	2
PO5	76	20	2	2	
PO6	51	44	5	0	
PO7	83	14	3	0	
PO8	61	28	5	6	
PO9	55	32	11	1	1
PO10	78	16	6	0	
PO11	60	31	5	2	2
PO 12	70	20	6	3	1
PSO 1	63	32	3	2	
PSO 2	55	32	7	5	1
PSO 3	60	30	6	3	1



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ALUMNI FEEDBACK ANALYSIS

2020-2021

- P1. Apply engineering knowledge in professional engineering practice
- P2. The confidence to conduct investigations of complex problems.
- P3. The caliber to use Modern tools pertaining to the field of Engineering
- P4. The expertise and willingness to apply the knowledge in engineering for the betterment of society.
- P5. The preparedness to protect the environment and follow the concept of sustainability.
- P6. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- P7. Deliver the best results in both Individual as well as team work.
- P8. Proficiency in both verbal and written Communication.
- P9. Flair to handle projects and task with know-how of Project management and finance.
- P10. Awareness of the importance of Life-long learning.



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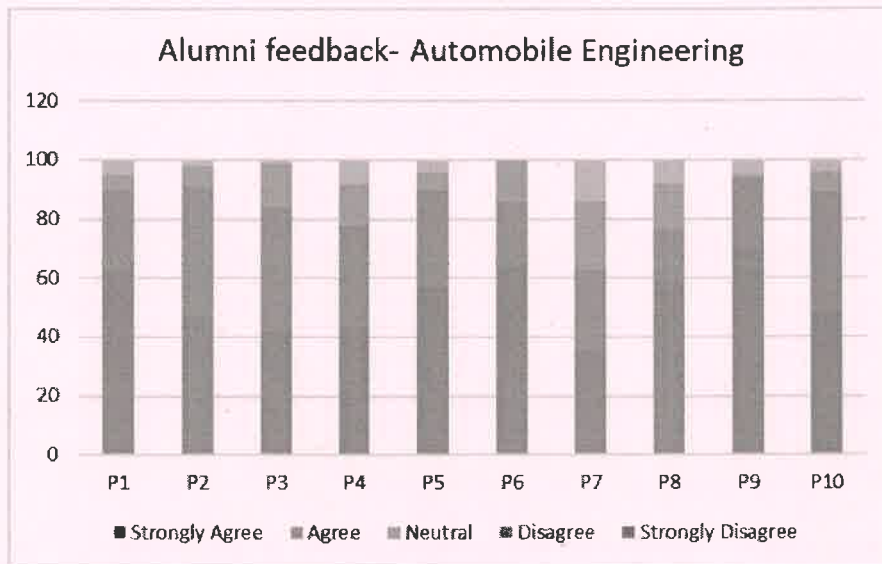


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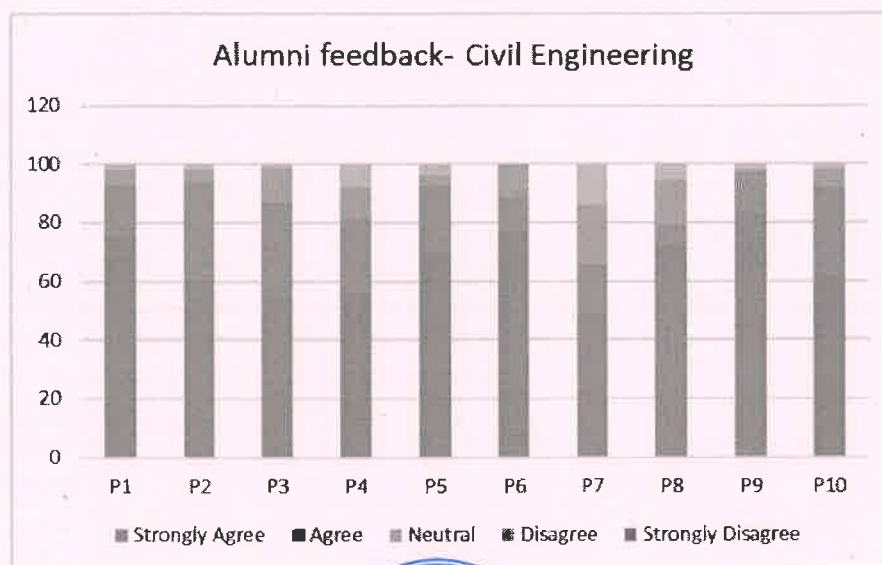
AUTOMOBILE ENGINEERING

2020-2021



CIVIL ENGINEERING

2020-2021



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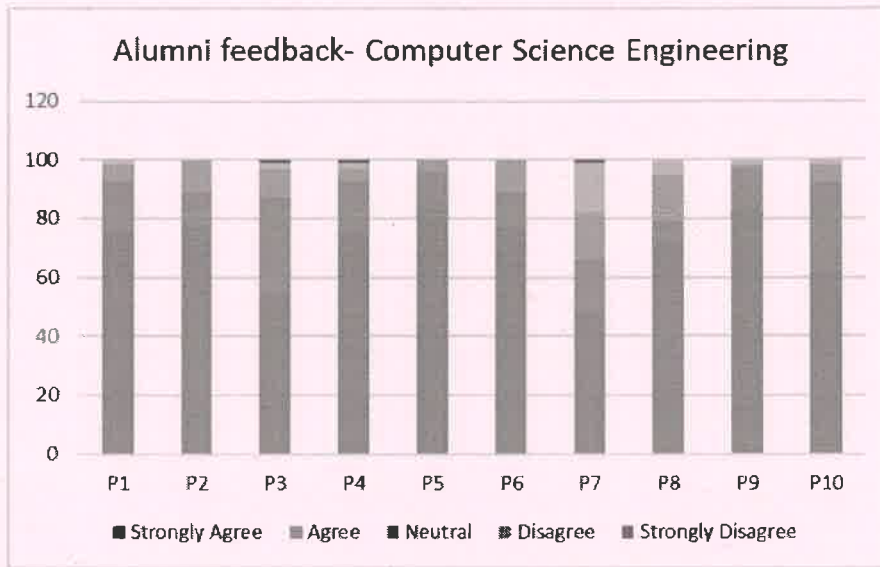


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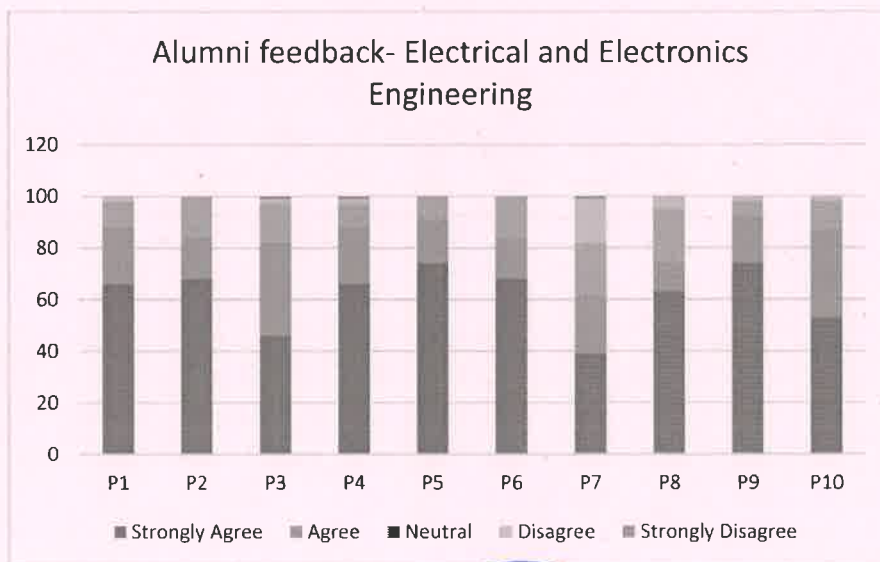
COMPUTER SCIENCE ENGINEERING

2020-2021



ELECTRICAL AND ELECTRONICS ENGINEERING

2020-2021



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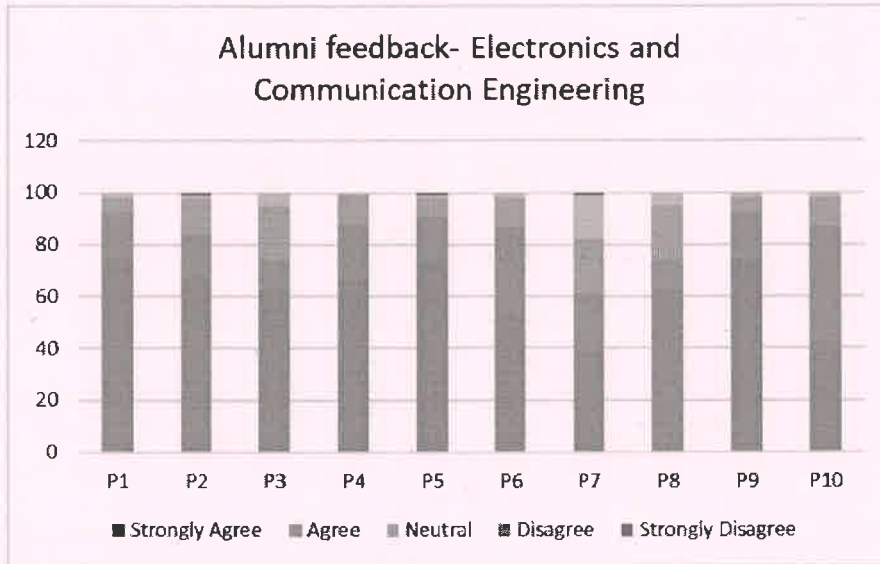


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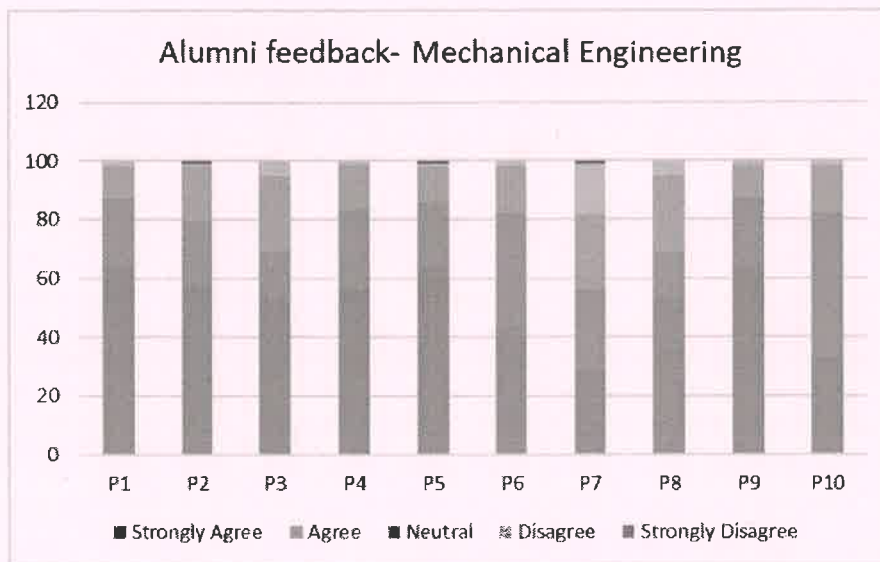
ELECTRONICS AND COMMUNICATION ENGINEERING

2020-2021



MECHANICAL ENGINEERING

2020-2021



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SCMS SCHOOL OF ENGINEERING AND MANAGEMENT

EMPLOYER FEEDBACK ANALYSIS REPORT

2020-2021

Questions

- A1. Performance of our graduates
- A2. Inclination to adopt new technology
- A3. Independent thinking and problem-solving ability
- A4. Communication skills
- A5. Leadership skills
- A6. Professional Attitude
- A7. Ethics
- A8. Inclination to identify problems in society




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EMPLOYER FEEDBACK ANALYSIS REPORT

ACADEMIC YEAR: 2020-2021

	Excellent	Very Good	Good	Average
A1	65	19	6	10
A2	45	35	10	10
A3	49	38	5	8
A4	48	30	10	12
A5	62	24	12	2
A6	65	19	10	6
A7	45	35	10	10
A8	49	38	8	5



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FEEDBACK FROM ALUMNI ON CURRICULUM

2020-2021

Alumni feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?


P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



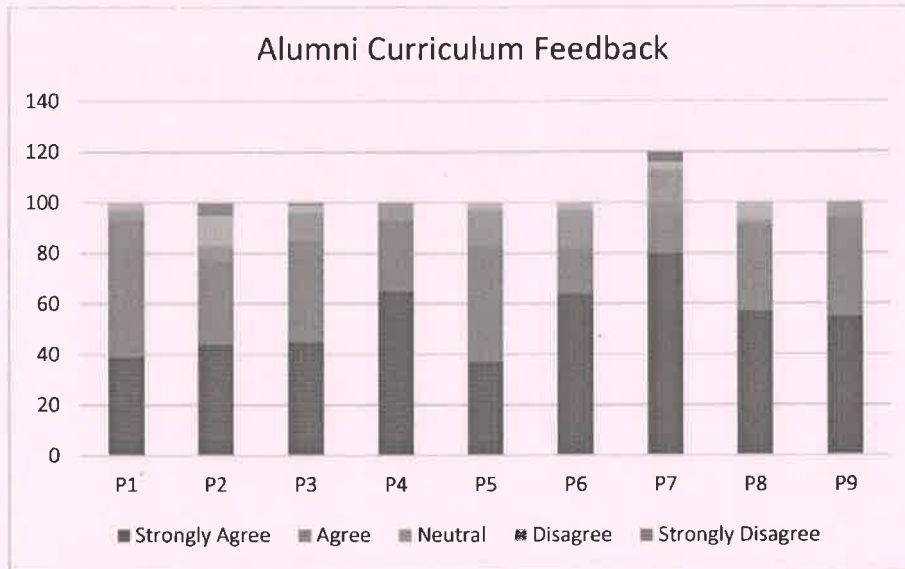

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	80	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	



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FEEDBACK FROM EMPLOYERS ON CURRICULUM

2020-2021

Employer feedback on curriculum was collected from employers on the following areas

- P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?
- P2. Rate the applicability of the tools/activities/case studies presented in the curriculum facilitating more employability skills among graduates
- P3. How effective is the Curriculum in developing analytical and problem-solving skills?
- P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning?
- P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics
- P6. Curriculum reflects current trends and practices in the respective disciplines.
- P7. Does the curriculum effectively cover topics on fundamentals and latest technology?
- P8. The academic initiatives of the institution contribute towards achieving the Mission and Vision of the institution
- P9. Rate the proficiency of our graduates to adapt to industry requirements
- P10. The curriculum facilitates an overall holistic development of the student?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



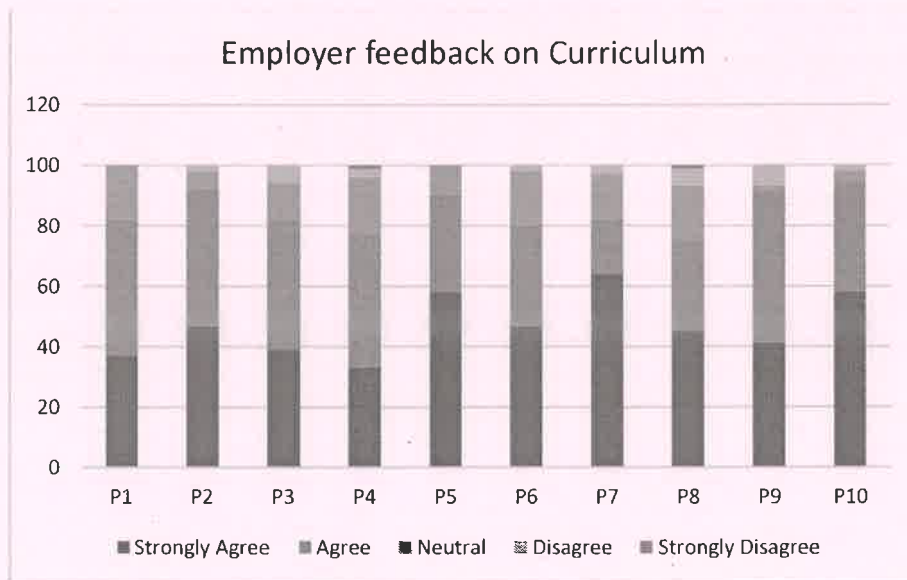
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	37	45	18	0	0
P2	47	45	6	2	0
P3	39	43	12	6	0
P4	33	44	19	3	1
P5	58	32	10	0	0
P6	47	33	18	2	0
P7	64	18	15	3	0
P8	45	30	18	6	1
P9	41	50	2	7	0
P10	58	36	4	2	0



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FEEDBACK FROM ALUMNI ON CURRICULUM

2020-2021

Employer feedback on curriculum was collected from employers on the following areas

- P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?
- P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.
- P3. How effective is the Curriculum in developing analytical and problem-solving skills
- P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.
- P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics
- P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility
- P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.
- P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?
- P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.
- P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



Amitha

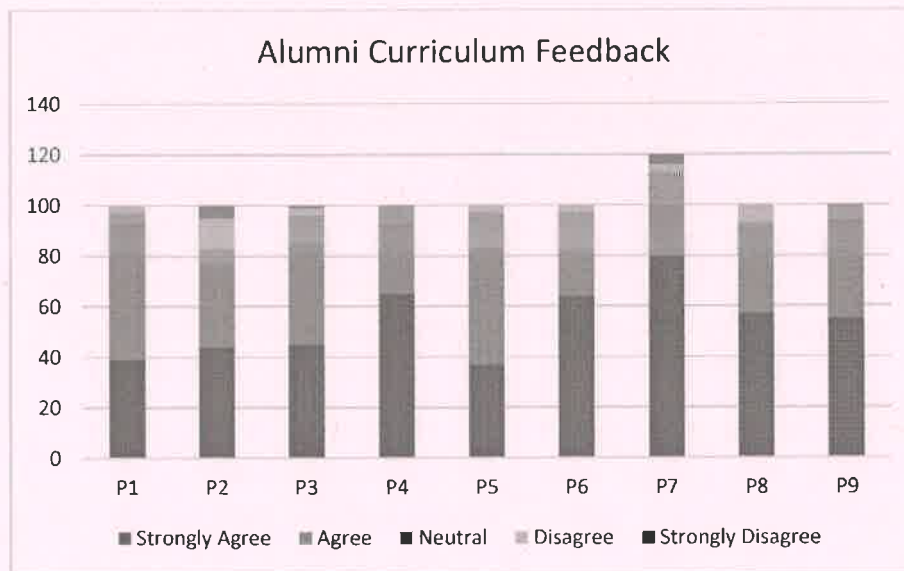
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	80	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	



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Feedback Analysis Report

2019-20



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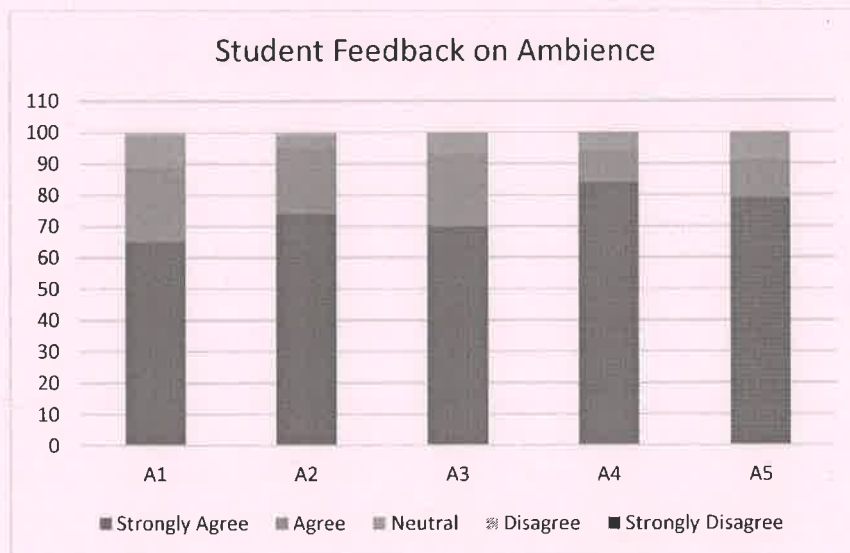
STUDENT FEEDBACK ANALYSIS REPORT ON AMBIENCE OF THE INSTITUTION

2019-2020

Questions

- A1. Computer facilities in the institution
- A2. Laboratory facilities in the institution
- A3. Classroom facilities were conducive to learning
- A4. Library facilities in the institution
- A5. Internet facilities in the institution

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A1	65	24	10	1	-
A2	74	21	4	1	-
A3	70	23	7	-	-
A4	84	10	6	-	-
A5	79	12	9	-	-



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FEEDBACK FROM STUDENTS ON CURRICULUM

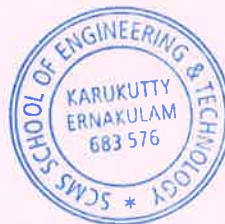
Analysis of feedbacks from students

Structured feedback on curriculum was collected from the students on the following areas:

- P1. Is the curriculum structured to meet the requirements of the students in the outside world?
- P2. Do you find the syllabus updated to reflect latest advances in the respective field?
- P3. Do the laboratory activities help in understanding the concepts of the subject?
- P4. Does the program encourage you to pursue higher studies?
- P5. Does the curriculum introduce the concepts of sustainability and ethics to the students?
- P6. Do you find the electives suitable for developing a deeper understanding of the specialized field?
- P7. Are the objectives of the courses clearly defined?
- P8. Does the syllabus enable you to achieve the programs learning outcomes?
- P9. Do you find internships/projects/field visits relevant in the curriculum?
- P10. Do you find add on courses/value added courses relevant for a better understanding the course?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree




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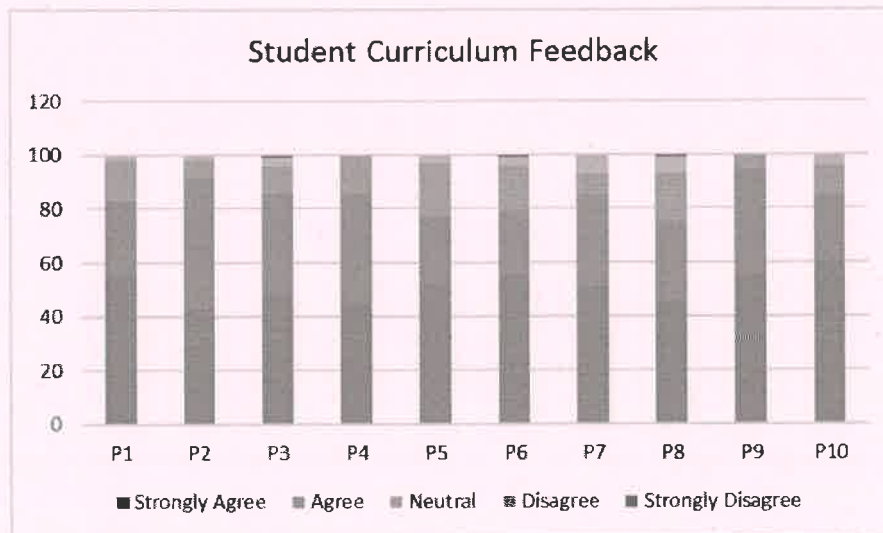
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Question wise analysis in percentage

Department of Civil Engineering

Academic Year: 2019-2020

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	55	28	15	2	-
P2	43	48	7	2	-
P3	48	38	10	3	1
P4	44	42	14	-	-
P5	52	25	20	3	-
P6	55	24	17	3	1
P7	51	34	8	7	-
P8	45	30	18	6	1
P9	55	39	6	-	-
P10	60	25	11	4	-



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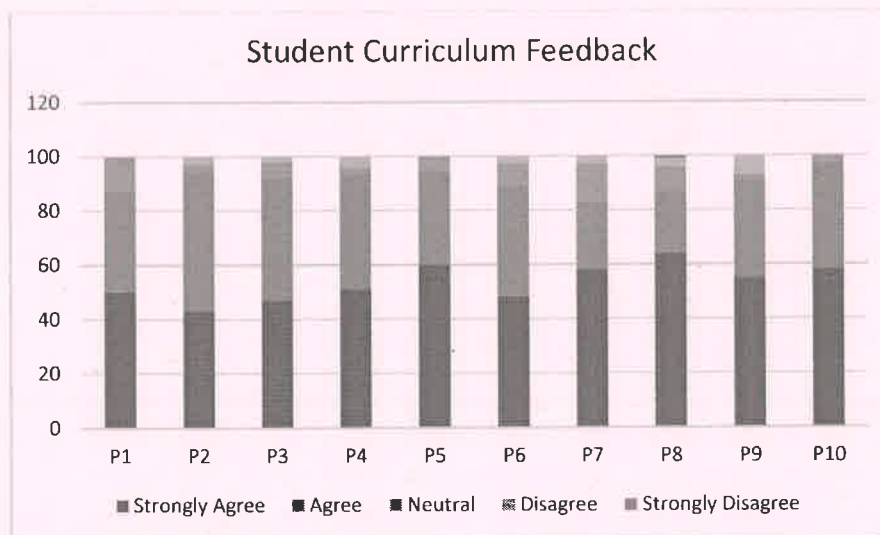
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Question wise analysis in percentage

Department of Automobile Engineering

Academic Year: 2019-2020

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	50	37	13	-	-
P2	43	51	3	3	-
P3	47	45	6	2	-
P4	51	42	3	4	-
P5	60	34	6	-	-
P6	48	41	8	3	-
P7	58	25	14	3	-
P8	64	23	9	3	-
P9	55	36	2	7	-
P10	58	39	3	-	-



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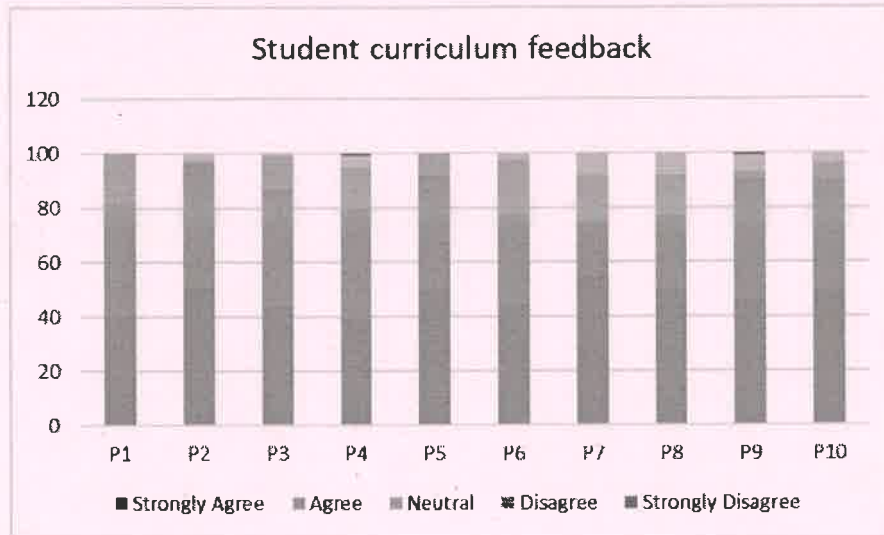
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Question wise analysis in percentage Department of Computer

Science Engineering Academic Year: 2019-2020

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	40	42	18	-	-
P2	51	45	2	2	-
P3	44	43	12	1	-
P4	39	41	15	4	1
P5	50	42	8	-	-
P6	44	34	20	2	-
P7	55	20	17	8	-
P8	50	27	15	8	-
P9	46	45	2	6	1
P10	49	41	6	4	-



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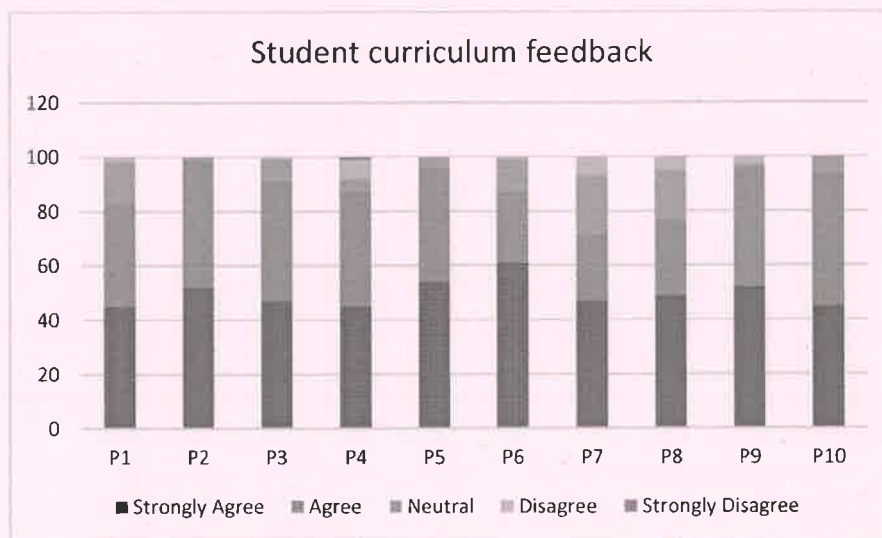
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Question wise analysis in percentage

Department of Electrical and Electronics Engineering

Academic Year:2019-2020

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	50	35	14	-	1
P2	45	51	2	2	-
P3	50	40	9	1	-
P4	48	42	5	4	1
P5	42	50	8	-	-
P6	49	31	18	2	-
P7	58	20	17	5	-
P8	52	27	15	6	-
P9	49	45	1	4	1
P10	45	45	5	4	1



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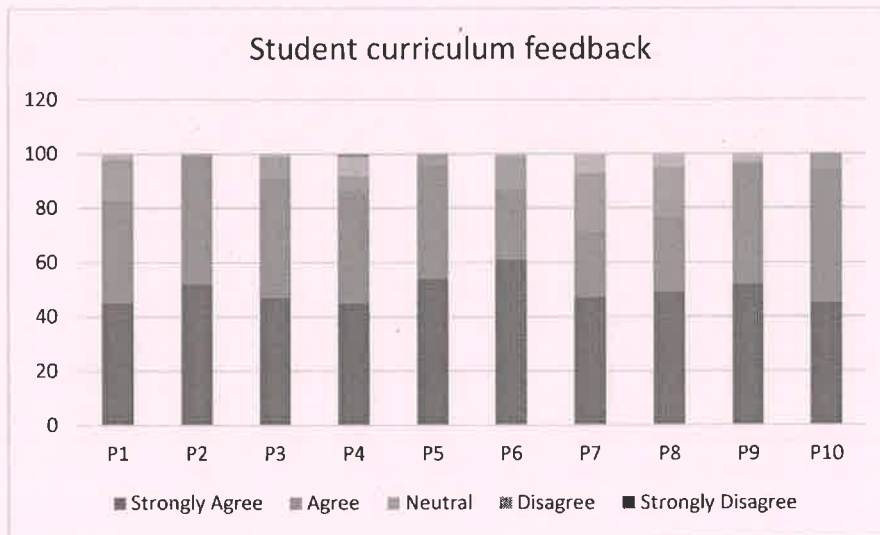
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Question wise analysis in percentage

Department of Electronics and Communication Engineering

Academic Year: 2019-2020

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	38	42	19	-	1
P2	47	49	2	2	-
P3	55	39	5	1	-
P4	52	39	4	4	1
P5	47	45	8	-	-
P6	55	29	15	1	-
P7	54	21	18	7	-
P8	61	22	14	3	-
P9	47	47	1	5	-
P10	55	44	1	-	-



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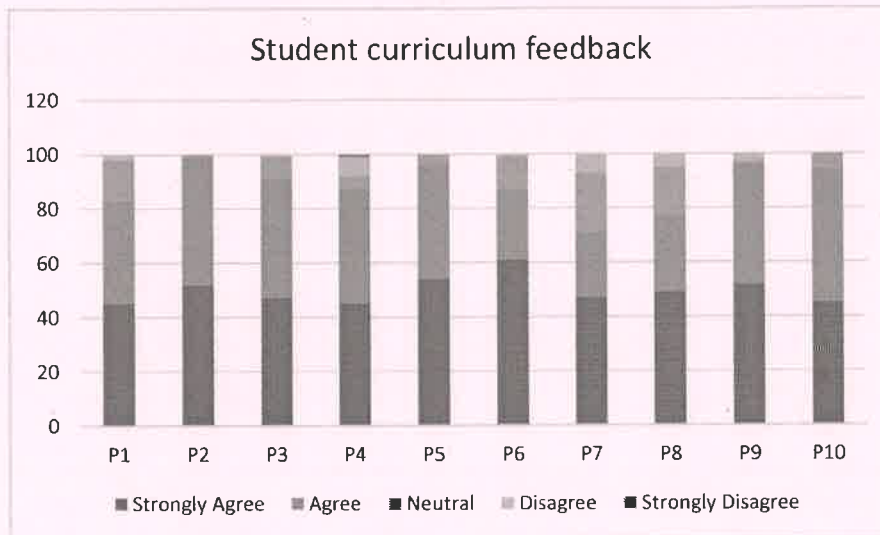
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Question wise analysis in percentage

Department of Mechanical Engineering

Academic Year: 2019-2020

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	45	38	15	2	-
P2	52	47	1	-	-
P3	47	44	8	1	-
P4	45	42	5	7	1
P5	54	42	4	-	-
P6	61	26	12	1	-
P7	47	24	22	7	-
P8	49	28	18	5	-
P9	52	44	1	3	-
P10	45	49	6	-	-




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Student exit feedback analysis

Automobile Engineering

2019-2020

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply basic science and mathematical principles to design, develop or reengineer automobiles.

PSO2 - Design or develop subsystems required for building safe, efficient and green vehicles.

PSO3 - Applying knowledge of the function of various automobile components and systems for continuous and preventive service and maintenance.



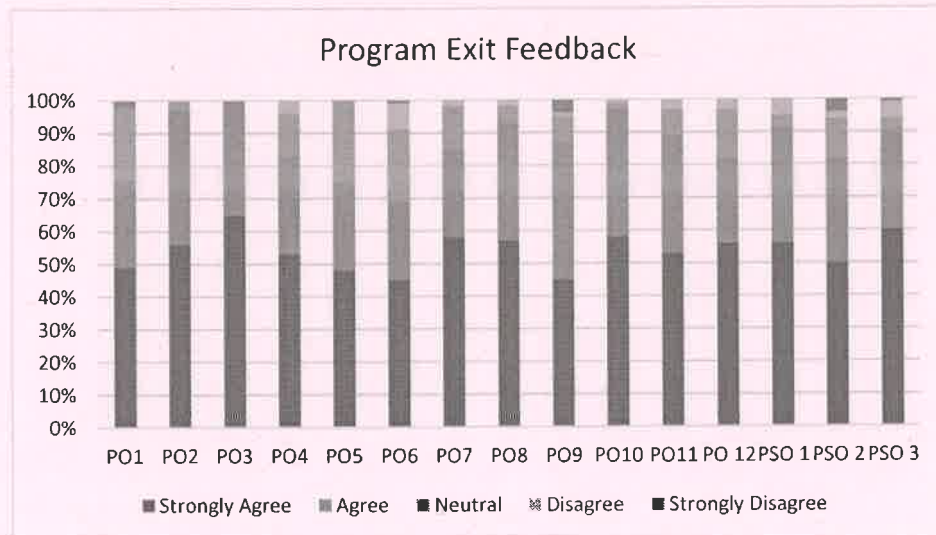

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	70	20	10	-	-
PO2	45	45	10	-	-
PO3	50	39	5	5	1
PO4	49	40	9	1	1
PO5	72	24	4	-	-
PO6	45	41	9	5	-
PO7	62	22	15	1	-
PO8	45	39	12	4	-
PO9	52	40	2	6	-
PO10	58	39	3	-	-
PO11	54	38	5	1	2
PO 12	62	26	9	2	1
PSO 1	50	43	3	3	1
PSO 2	40	42	14	3	1
PSO 3	45	40	11	3	1



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Student exit feedback analysis

Civil Engineering

2019-2020

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning


PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Graduates shall demonstrate good understanding of engineering fundamentals and demonstrate sound knowledge in analysis, design and laboratory investigations in various domains of Civil Engineering.

PSO2 - Graduates will exhibit a passion for continuous self-learning and/ or pursue higher studies and engineering research.

PSO3 - Graduates will possess ability to interact and function within multidisciplinary teams with competence in modern tool usage.



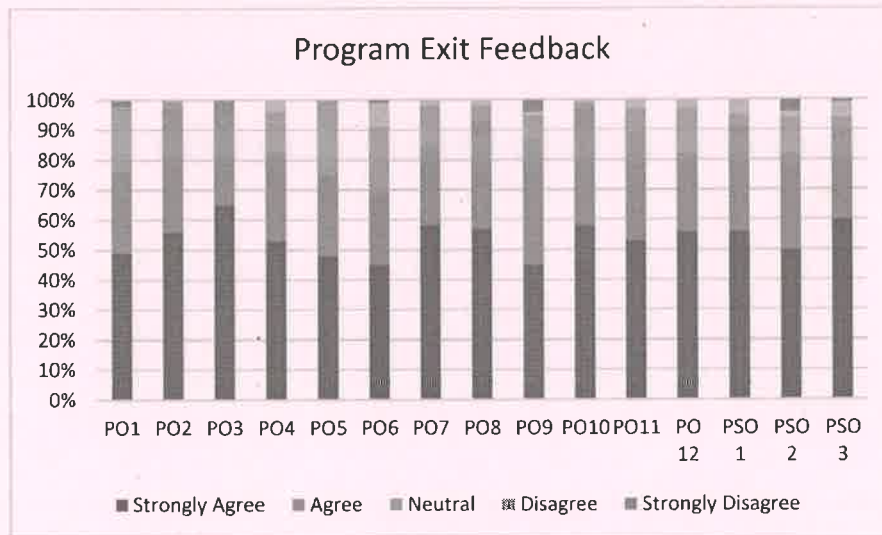

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	50	30	20	-	-
PO2	55	42	3	-	-
PO3	62	36	1	1	-
PO4	45	41	12	2	-
PO5	53	32	15	-	-
PO6	69	31	-	-	-
PO7	49	24	23	4	-
PO8	56	36	6	2	-
PO9	59	38	2	1	-
PO10	48	44	8	-	-
PO11	55	38	5	1	1
PO 12	62	26	9	2	1
PSO 1	53	43	3	-	1
PSO 2	52	34	14	-	-
PSO 3	61	31	7	1	-




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SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Palissery, Karukutty, Kerala 683576

Student exit feedback Computer

Science Engineering 2019-2020

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply knowledge of mathematics, science, engineering and computer science fundamentals to solve complex computational problems.

PSO2 - Use modern tools to analyze, design and develop software solutions in the areas pertaining to system software, database, networking, web and mobile applications, information security, data analytics and machine learning.

PSO3 - Employ modern computer languages, environments, and platforms to create innovative career paths, pursue higher studies and entrepreneurship.



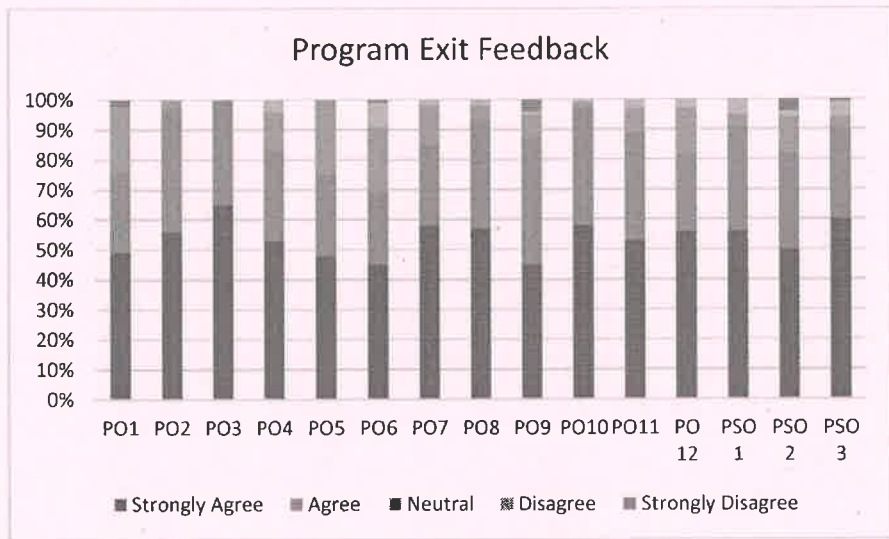
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Vidya Nagar, Palissery, Karukutty, Kerala 683576

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	55	27	18	-	-
PO2	60	39	1	-	-
PO3	49	45	5	1	-
PO4	52	36	12	-	-
PO5	48	34	18	-	-
PO6	56	31	12	1	-
PO7	62	18	18	2	-
PO8	61	33	4	2	-
PO9	53	40	4	3	-
PO10	55	39	6	-	-
PO11	49	40	6	3	2
PO 12	56	28	11	3	2
PSO 1	61	38	1	-	-
PSO 2	48	35	15	2	-
PSO 3	58	33	7	2	-



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Student exit feedback analysis Electrical and Electronics Engineering 2019-2020

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - To analyze and apply the knowledge of electrical fundamentals, circuit design, control engineering, field theory, power system and allied topics.

PSO2 - To understand technologies and gain the practical skills to design, simulate and analyse electrical system to engage in lifelong learning and successfully adapt in multi-disciplinary environment.

PSO3 - To design, develop and implement Electrical and inter disciplinary projects to meet industry demand and to provide solution to real time problems in current scenario.



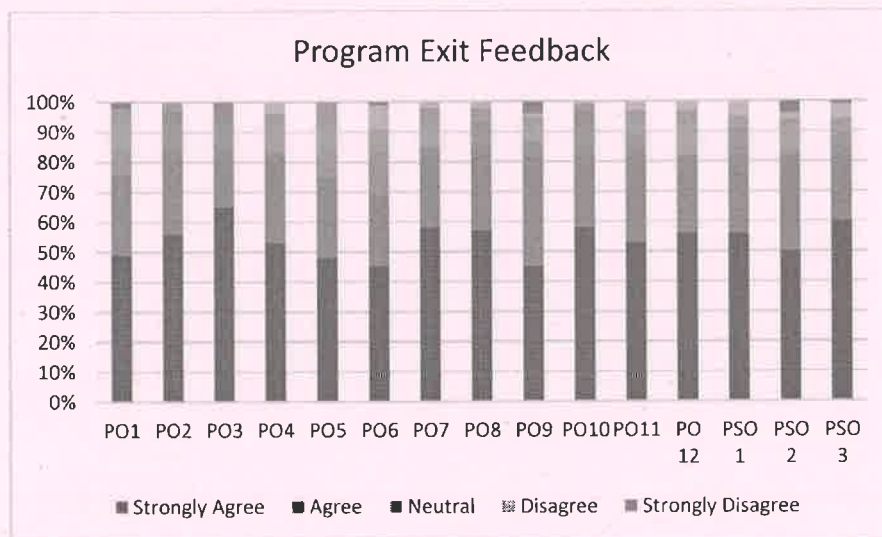
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	47	27	26	-	-
PO2	52	39	9	-	-
PO3	49	45	5	-	1
PO4	38	36	18	8	-
PO5	48	34	17	-	1
PO6	55	31	13	1	-
PO7	70	15	13	2	-
PO8	61	33	4	2	-
PO9	56	37	4	3	-
PO10	55	39	6	-	-
PO11	45	40	12	3	-
PO 12	53	28	16	3	-
PSO 1	61	38	1	-	-
PSO 2	52	32	14	2	-
PSO 3	65	29	4	2	-



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Student exit feedback analysis

Electronics and Communication Engineering

2019-2020

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Design and create novel systems in the field of Electronics and Communication to solve global issues.

PSO2 - Carry out research activities in Electronics and Communication Engineering using modern hardware and software tools specific to the field.

PSO3 - Analyze the working of electronic systems in industry and interpret results to arrive at valid conclusions.



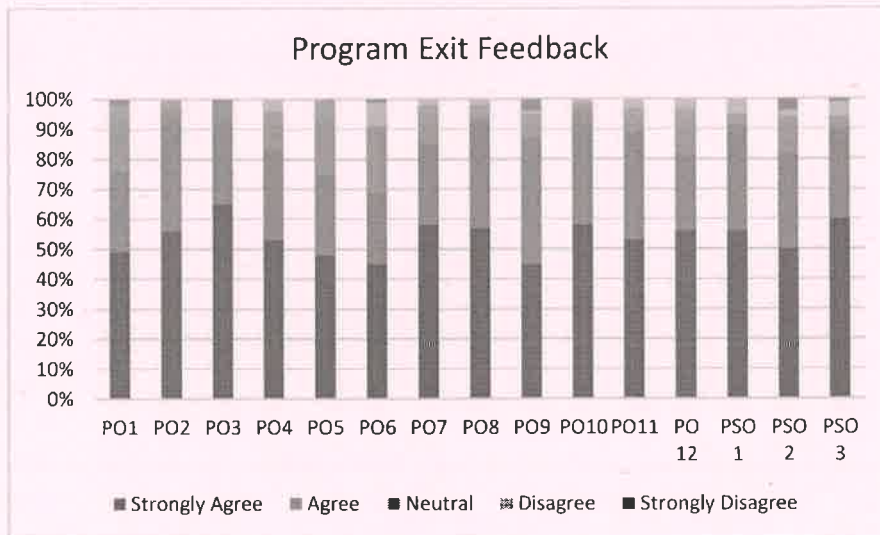
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	52	27	21	-	-
PO2	48	42	10	-	-
PO3	61	38	1	-	-
PO4	48	30	18	4	-
PO5	53	30	17	-	-
PO6	62	24	13	1	-
PO7	49	30	17	2	2
PO8	54	36	7	2	1
PO9	60	35	2	3	-
PO10	49	39	10	1	1
PO11	52	36	8	3	1
PO 12	49	28	20	3	-
PSO 1	64	35	1	-	-
PSO 2	48	32	14	2	4
PSO 3	45	38	7	8	2



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Student exit feedback analysis

Mechanical Engineering

2019-2020

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply the knowledge of mathematics, physics, basics of other engineering disciplines, mechanics, thermal sciences, fluid mechanics and management principles for solving complex and diverse problems in the field of mechanical engineering.

PSO2 - Implement the principles of design, analysis and interpretation of data to the mechanical systems and processes.

PSO3 - Use modern tools such as CAD/CAM/ CIM/CFD, IT, IOT and 3D printing techniques in the mechanical engineering practice.



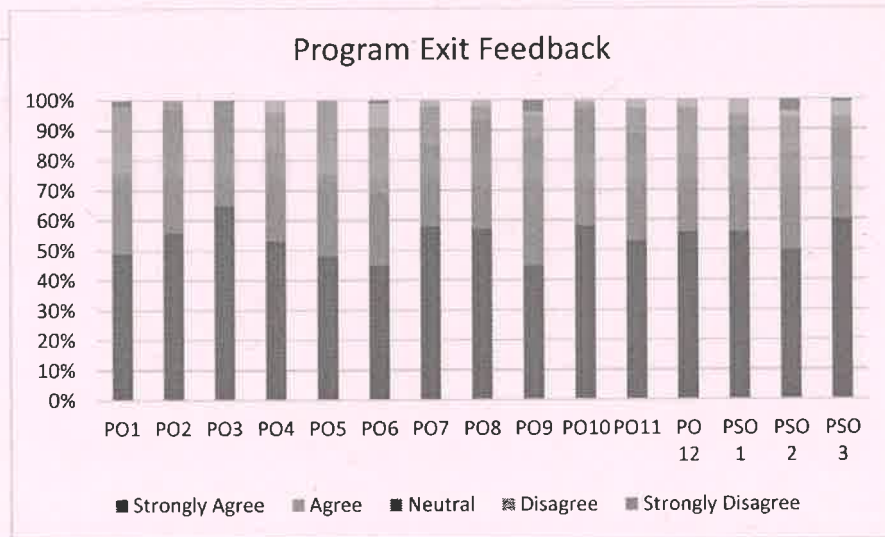
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	49	27	22	-	2
PO2	56	41	3	-	-
PO3	65	35	-	-	-
PO4	53	30	13	4	-
PO5	48	27	25	-	-
PO6	45	24	22	8	1
PO7	58	27	13	2	-
PO8	57	36	5	2	-
PO9	45	42	8	1	4
PO10	58	39	2	1	-
PO11	53	36	8	3	-
PO 12	56	26	15	3	-
PSO 1	56	35	4	5	-
PSO 2	50	32	12	2	4
PSO 3	60	30	4	5	1



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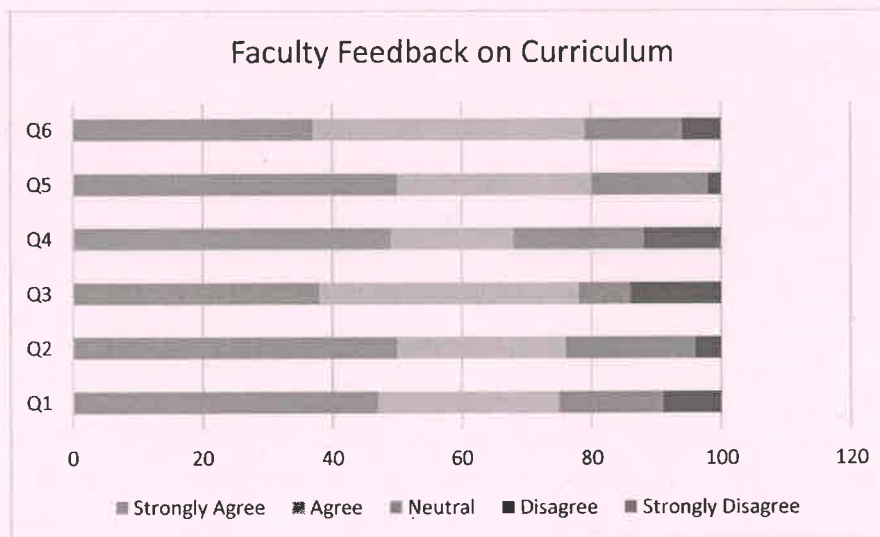
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)

2019-2020

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Teaching the courses has increased my knowledge and expertise in the field



Amila

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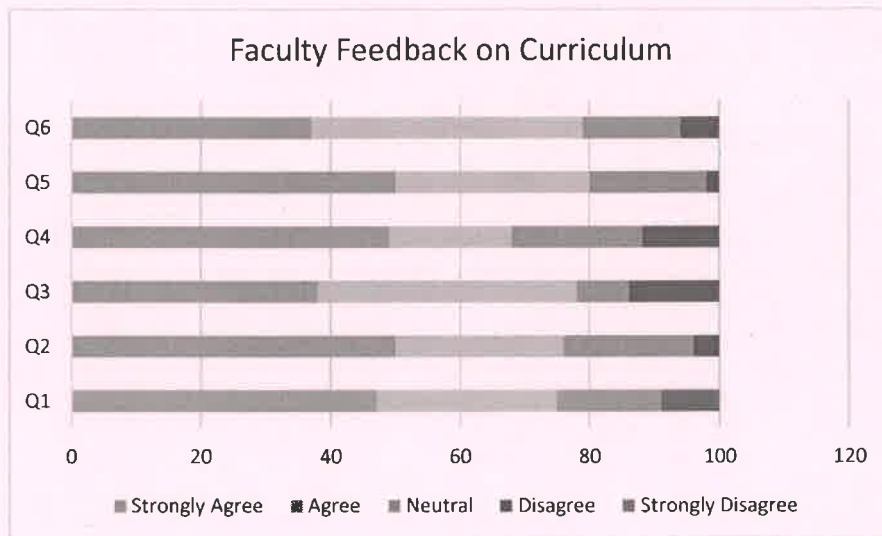
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Faculty feedback (2015 regulation B.Tech)

2019-2020

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Teaching the courses has increased my knowledge and expertise in the field



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SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

ALUMNI FEEDBACK ANALYSIS

2019-2020

- P1. Apply engineering knowledge in professional engineering practice
- P2. The confidence to conduct investigations of complex problems.
- P3. The caliber to use Modern tools pertaining to the field of Engineering
- P4. The expertise and willingness to apply the knowledge in engineering for the betterment of society.
- P5. The preparedness to protect the environment and follow the concept of sustainability.
- P6. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- P7. Deliver the best results in both Individual as well as team work.
- P8. Proficiency in both verbal and written Communication.
- P9. Flair to handle projects and task with know-how of Project management and finance.
- P10. Awareness of the importance of Life-long learning.



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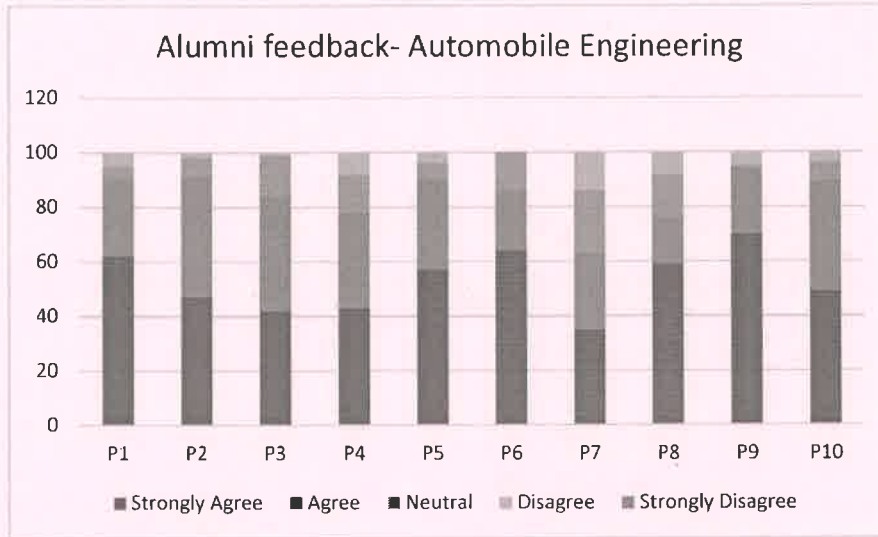


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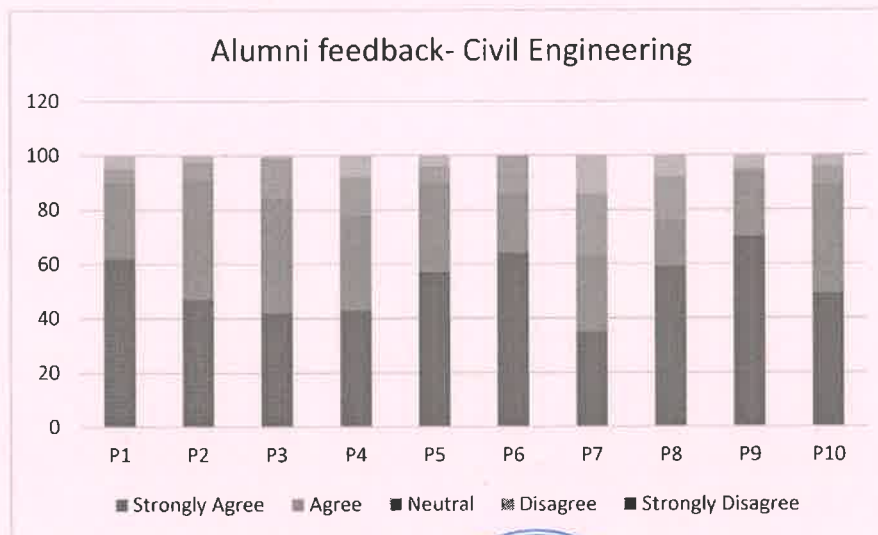
AUTOMOBILE ENGINEERING

2019-2020



CIVIL ENGINEERING

2019-2020



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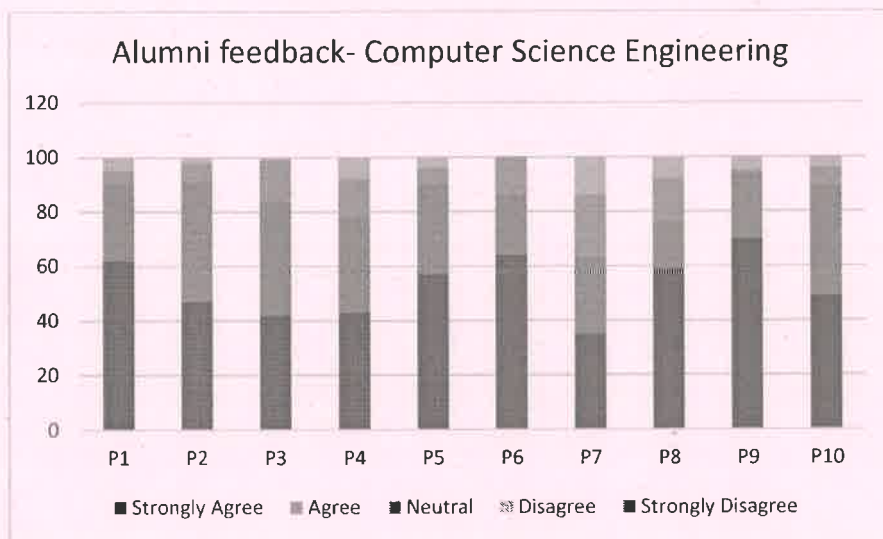


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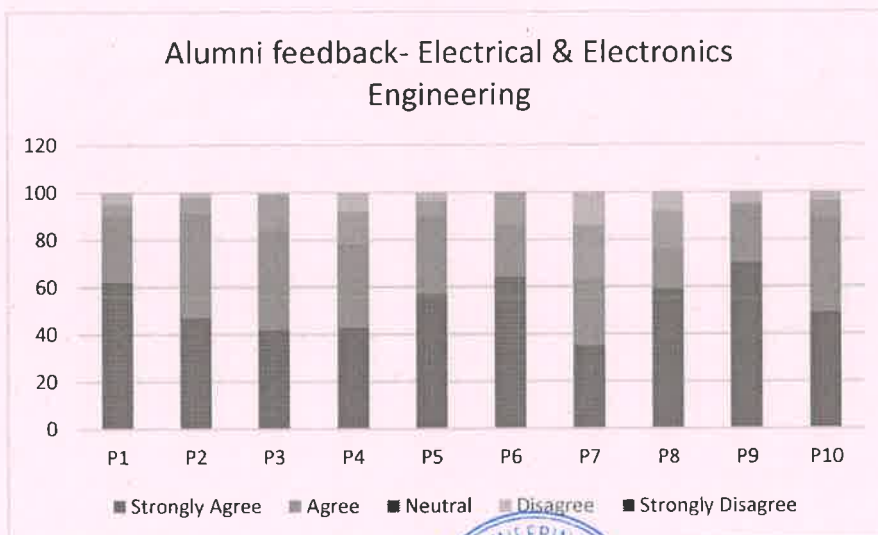
COMPUTER SCIENCE ENGINEERING

2019-2020



ELECTRICAL AND ELECTRONICS ENGINEERING

2019-2020



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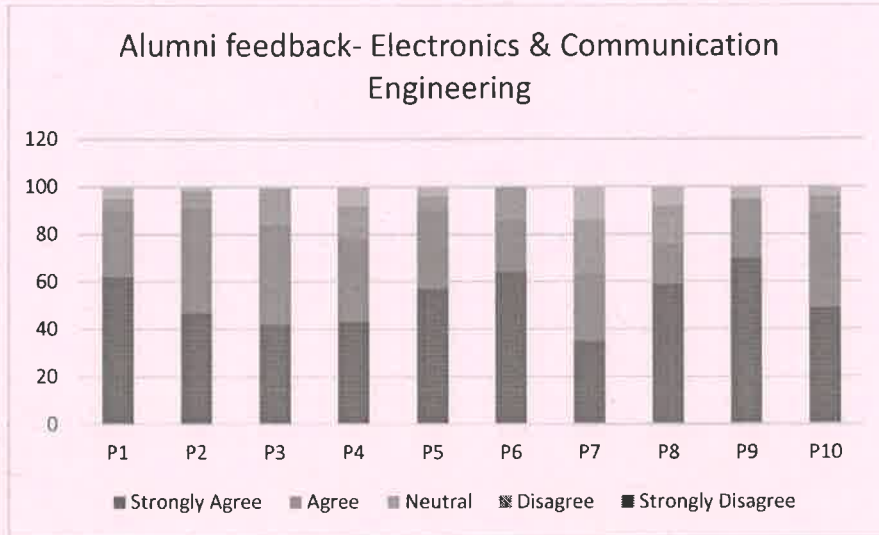


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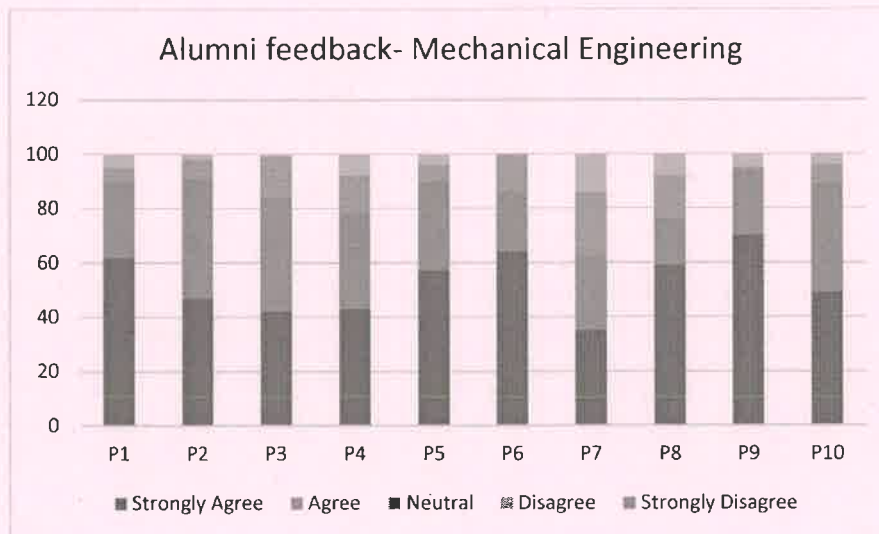
ELECTRONICS AND COMMUNICATION ENGINEERING

2019-2020



MECHANICAL ENGINEERING

2019-2020



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FEEDBACK FROM ALUMNI ON CURRICULUM

2019-2020

Alumni feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?


P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



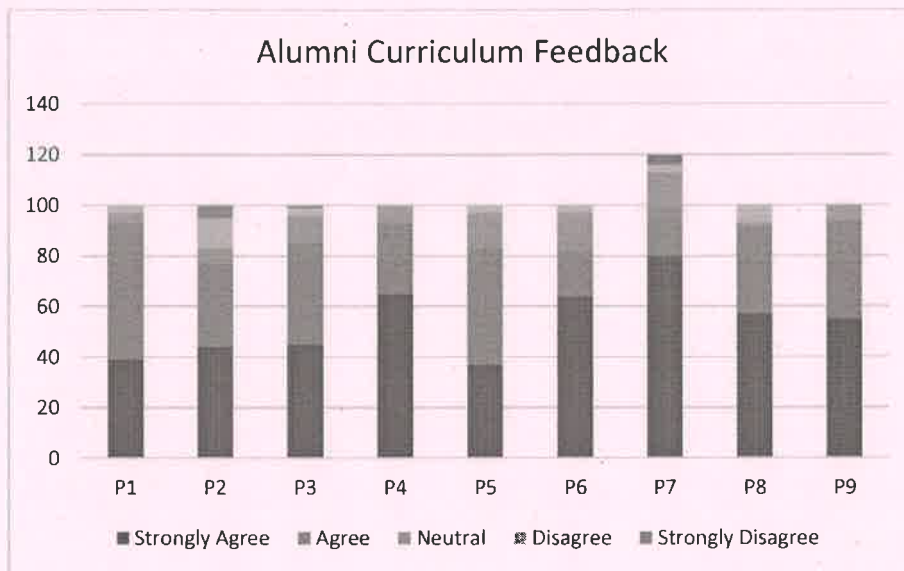

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	80	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	




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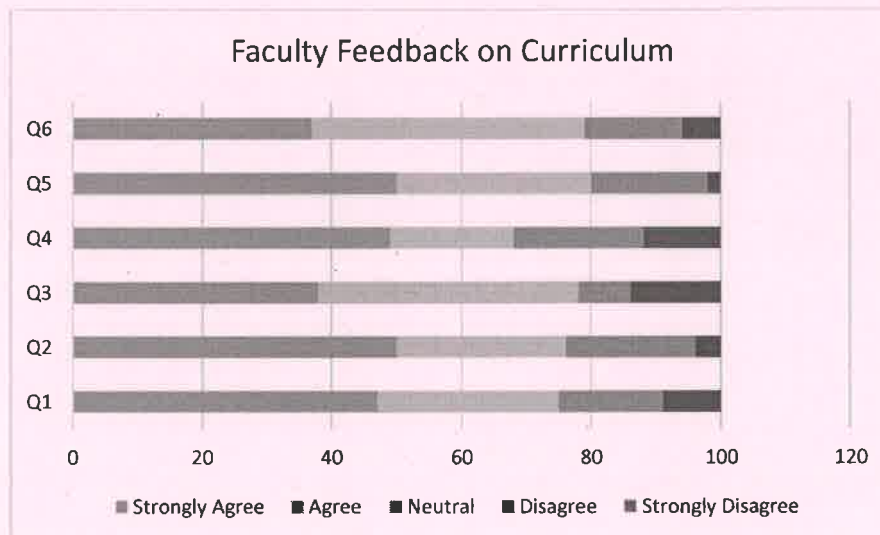
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)

2019-2020

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields



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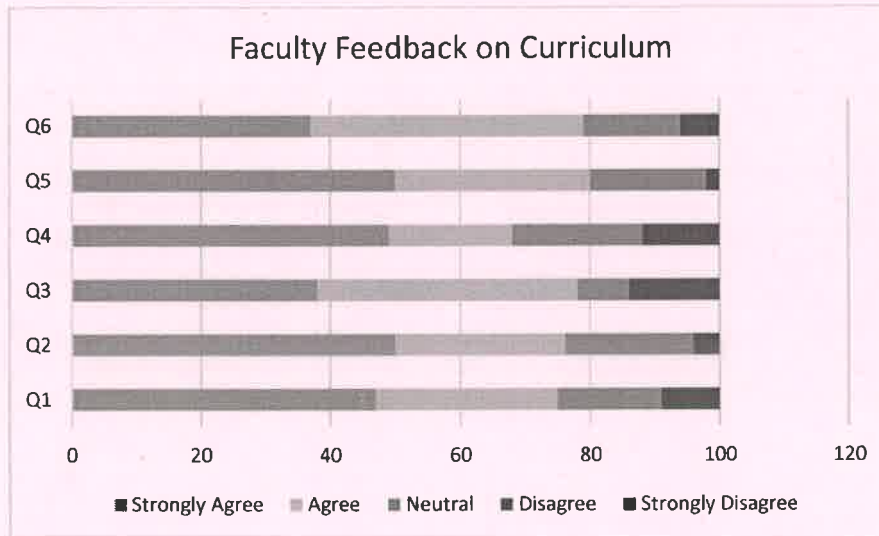
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Faculty feedback (2015 regulation B.Tech)

2019-2020

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields




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SCMS SCHOOL OF ENGINEERING AND MANAGEMENT

EMPLOYER FEEDBACK ANALYSIS REPORT

2019-2020

Questions

- A1. Performance of our graduates
- A2. Inclination to adopt new technology
- A3. Independent thinking and problem-solving ability
- A4. Communication skills
- A5. Leadership skills
- A6. Professional Attitude
- A7. Ethics
- A8. Inclination to identify problems in society



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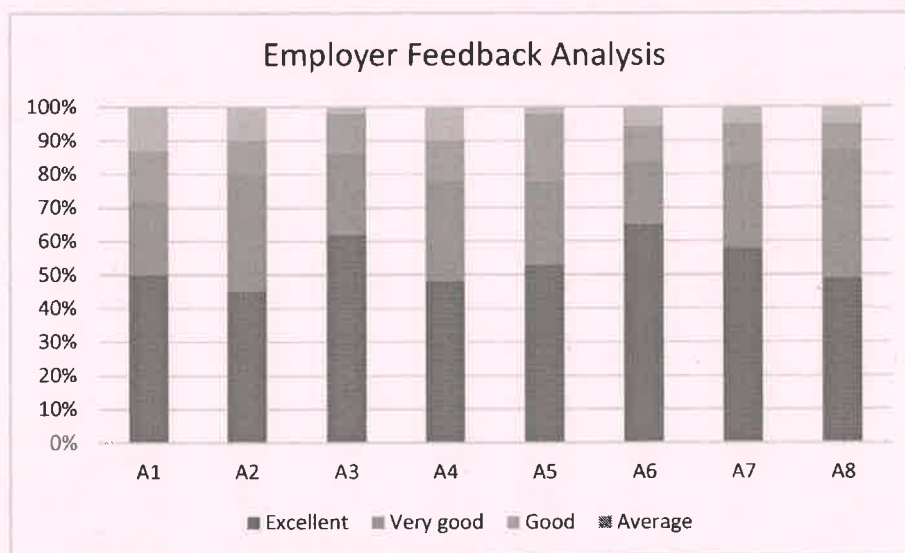
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EMPLOYER FEEDBACK ANALYSIS REPORT

ACADEMIC YEAR: 2019-2020

	Excellent	Very Good	Good	Average
A1	50	22	15	13
A2	45	35	10	10
A3	62	24	12	2
A4	48	30	12	10
A5	53	25	20	2
A6	65	19	10	6
A7	58	25	12	5
A8	49	38	8	5



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FEEDBACK FROM EMPLOYERS ON CURRICULUM

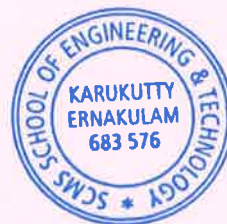
2019-2020

Employer feedback on curriculum was collected from employers on the following areas

- P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?
- P2. Rate the applicability of the tools/activities/case studies presented in the curriculum facilitating more employability skills among graduates
- P3. How effective is the Curriculum in developing analytical and problem-solving skills?
- P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning?
- P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics
- P6. Curriculum reflects current trends and practices in the respective disciplines.
- P7. Does the curriculum effectively cover topics on fundamentals and latest technology?
- P8. The academic initiatives of the institution contribute towards achieving the Mission and Vision of the institution
- P9. Rate the proficiency of our graduates to adapt to industry requirements
- P10. The curriculum facilitates an overall holistic development of the student?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



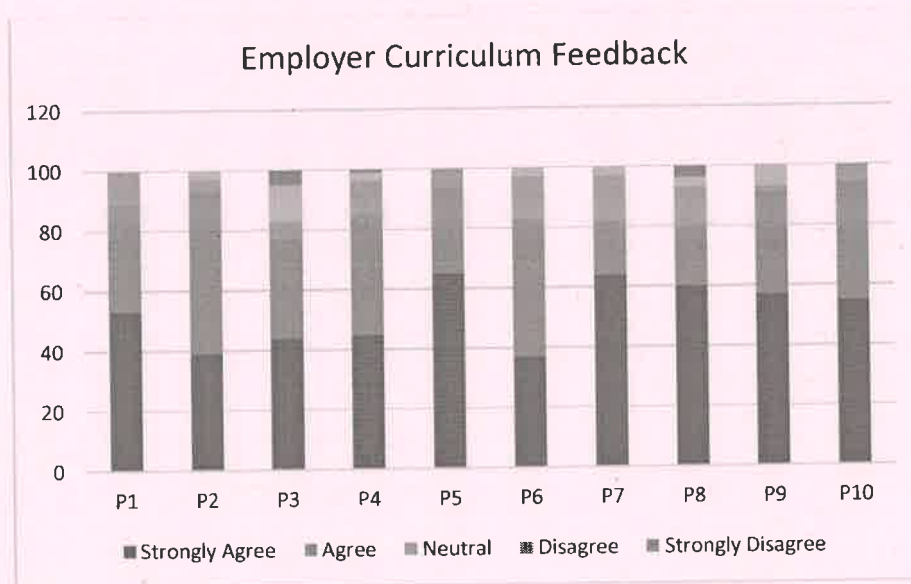
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	0
P2	39	54	4	3	0
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	0
P6	37	46	14	3	0
P7	64	18	15	3	0
P8	60	20	13	3	4
P9	57	34	2	7	0
P10	55	39	6	0	0



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FEEDBACK FROM ALUMNI ON CURRICULUM

2019-2020

Employer feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?

P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



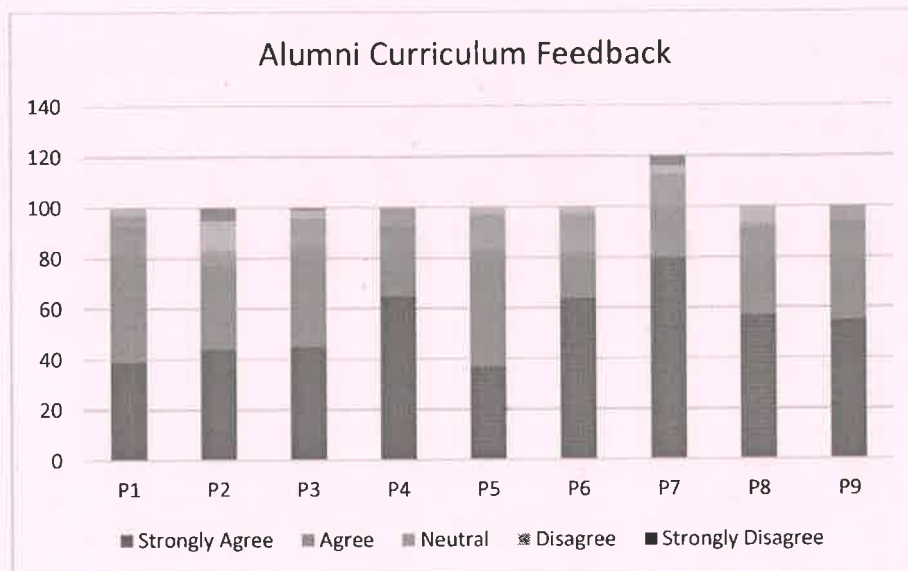
Anil
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	
P2	39	54	4	3	
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	
P6	37	46	14	3	0
P7	64	18	15	3	
P8	80	20	13	3	4
P9	57	34	2	7	
P10	55	39	6	0	



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Feedback Analysis Report

2018-19



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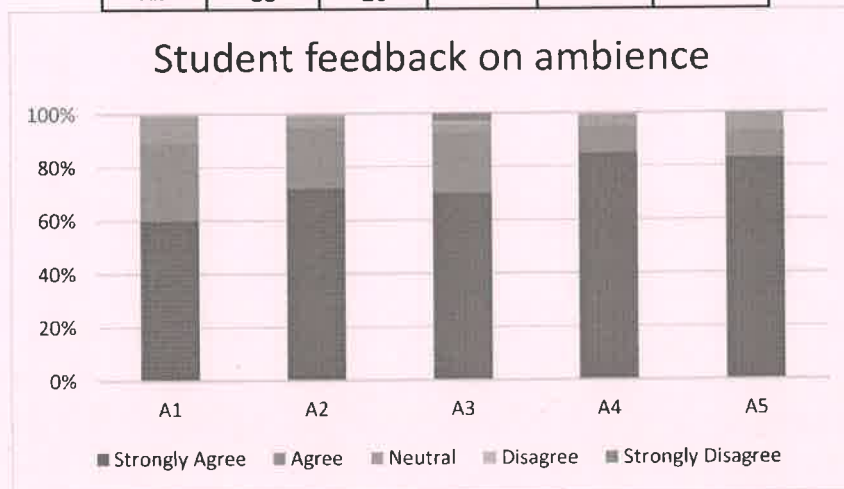
STUDENT FEEDBACK ANALYSIS REPORT ON AMBIENCE OF THE INSTITUTION

2018-2019

Questions

- A1. Computer facilities in the institution
- A2. Laboratory facilities in the institution
- A3. Classroom facilities were conducive to learning
- A4. Library facilities in the institution
- A5. Internet facilities in the institution

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A1	60	29	10	1	0
A2	72	23	4	1	0
A3	70	23	3	1	3
A4	85	10	4	1	0
A5	83	10	7	0	0



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FEEDBACK FROM STUDENTS ON CURRICULUM

Analysis of feedbacks from students

Structured feedback on curriculum was collected from the students on the following areas:

P1. Is the curriculum structured to meet the requirements of the students in the outside world?

P2. Do you find the syllabus updated to reflect latest advances in the respective field?

P3. Do the laboratory activities help in understanding the concepts of the subject?

P4. Does the program encourage you to pursue higher studies?

P5. Does the curriculum introduce the concepts of sustainability and ethics to the students?

P6. Do you find the electives suitable for developing a deeper understanding of the specialized field?

P7. Are the objectives of the courses clearly defined?

P8. Does the syllabus enable you to achieve the programs learning outcomes?

P9. Do you find internships/projects/field visits relevant in the curriculum?

P10. Do you find add on courses/value added courses relevant for a better understanding the course?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree




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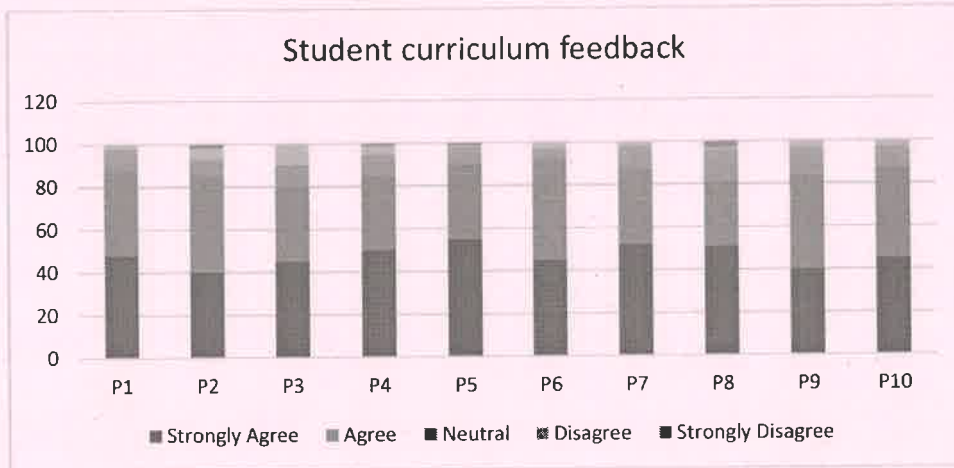
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Question wise analysis in percentage

Department of Civil Engineering

Academic Year: 2018-2019

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	50	36	14	0	
P2	45	49	3	3	
P3	40	38	5	12	5
P4	45	42	9	3	1
P5	63	30	7	0	
P6	40	44	13	3	0
P7	50	34	14	2	
P8	63	21	10	2	4
P9	55	36	2	7	
P10	63	31	6	0	



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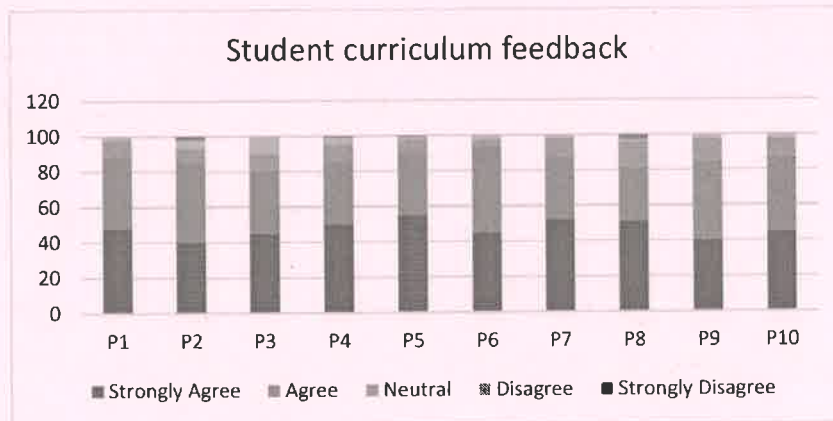
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Question wise analysis in percentage

Department of Automobile Engineering

Academic Year: 2018-2019

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	52	36	12	0	
P2	45	49	3	3	
P3	40	38	5	12	5
P4	50	35	10	4	1
P5	63	30	7	0	
P6	45	48	4	3	0
P7	50	34	14	2	
P8	63	21	10	2	4
P9	40	44	13	3	0
P10	45	42	9	3	1




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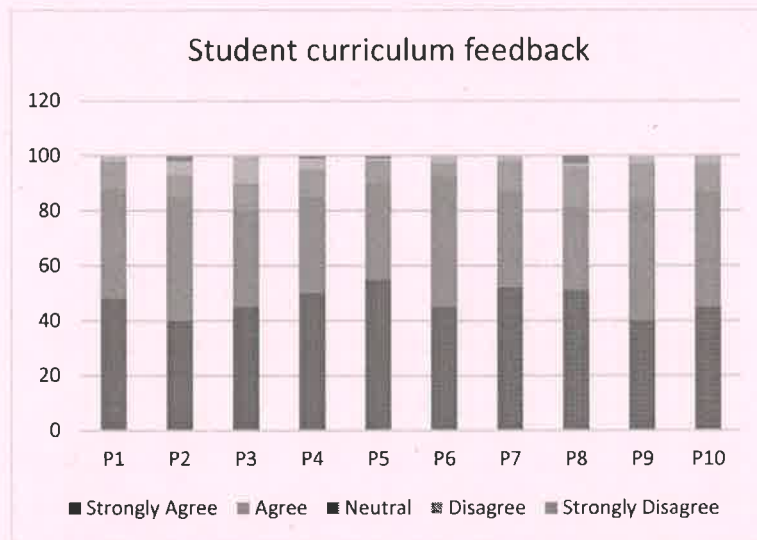
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Question wise analysis in percentage

Department of Computer Science Engineering

Academic Year: 2018-2019

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	55	35	10	0	
P2	44	46	6	4	
P3	48	34	8	10	
P4	50	35	10	4	1
P5	60	33	7	0	
P6	48	44	5	3	
P7	58	30	10	2	
P8	66	22	8	1	3
P9	40	44	13	3	0
P10	45	40	10	5	




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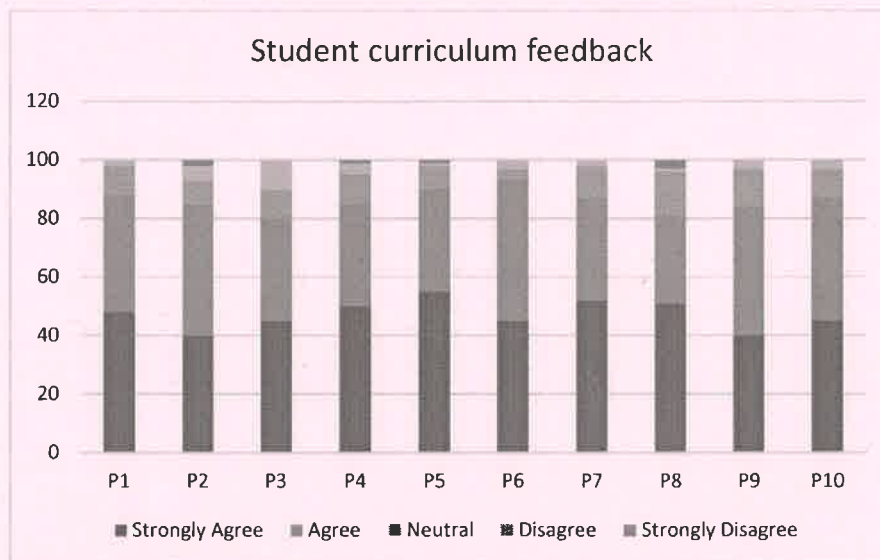
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Question wise analysis in percentage

Department of Electrical and Electronics Engineering

Academic Year: 2018-2019

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	48	40	10	2	
P2	40	45	8	5	2
P3	45	35	10	10	
P4	50	35	10	4	1
P5	55	35	8	1	1
P6	45	48	4	3	
P7	52	35	11	2	
P8	51	30	15	1	3
P9	40	44	13	3	0
P10	45	42	10	3	



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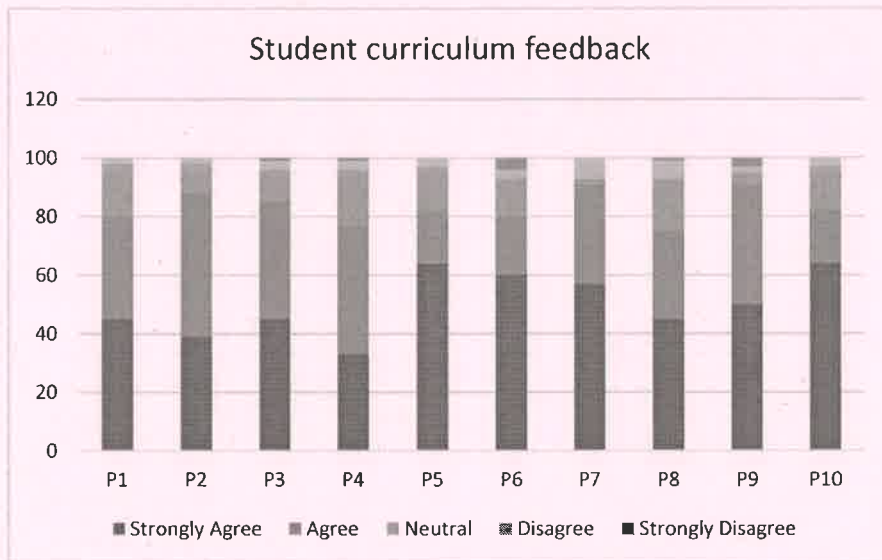
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Question wise analysis in percentage Department of Electronics and Communication Engineering

Academic Year: 2018-2019

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	45	35	18	2	0
P2	39	49	10	2	
P3	45	40	11	3	1
P4	33	44	19	3	1
P5	64	18	15	3	
P6	60	20	13	3	4
P7	57	34	2	7	
P8	45	30	18	6	1
P9	50	41	4	2	3
P10	64	18	15	3	



Amal

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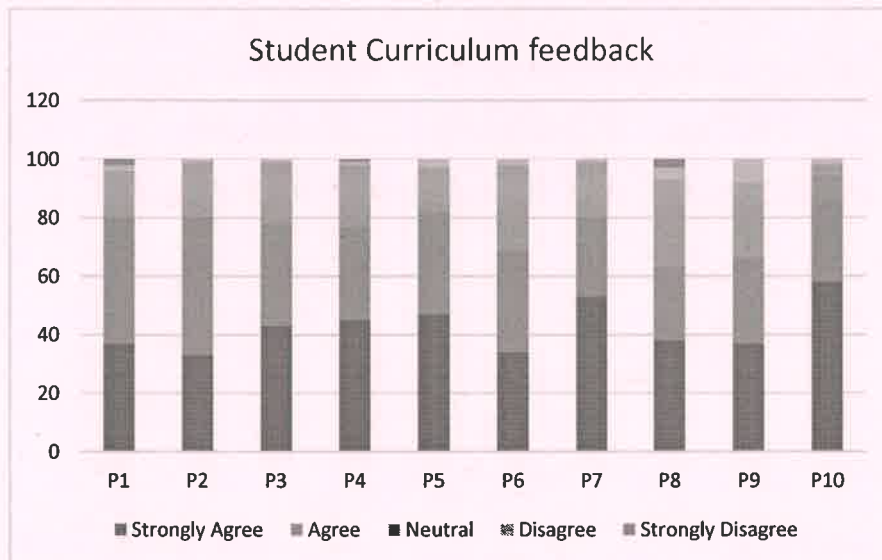
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Question wise analysis in percentage

Department of Mechanical Engineering

Academic Year: 2018-2019

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	37	43	16	2	2
P2	33	47	19	1	-
P3	43	35	21	1	-
P4	45	32	21	1	1
P5	47	35	15	3	-
P6	34	35	29	2	-
P7	53	27	19	1	-
P8	38	25	30	4	3
P9	37	29	26	8	-
P10	58	36	4	2	-



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Student exit feedback analysis

Automobile Engineering

2018-2019

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO1 - Apply basic science and mathematical principles to design, develop or reengineer automobiles.
- PSO2 - Design or develop subsystems required for building safe, efficient and green vehicles.
- PSO3 - Applying knowledge of the function of various automobile components and systems for continuous and preventive service and maintenance.



Anitha

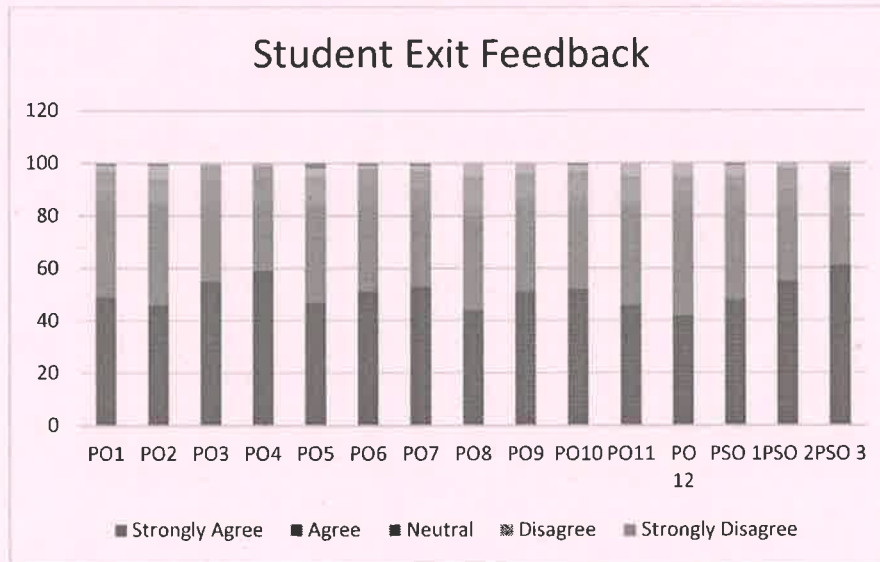
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	49	42	2	7	
PO2	60	33	3	3	1
PO3	64	33	3	0	
PO4	45	42	11	1	1
PO5	68	26	6	0	
PO6	64	33	3	0	0
PO7	55	25	17	3	
PO8	32	47	15	4	2
PO9	50	43	3	3	1
PO10	64	33	3	0	
PO11	46	41	10	2	1
PO 12	43	46	5	5	1
PSO 1	50	43	3	3	1
PSO 2	40	40	14	4	2
PSO 3	55	40	4	1	



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Student exit feedback analysis

Civil Engineering

2018-2019

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Graduates shall demonstrate good understanding of engineering fundamentals and demonstrate sound knowledge in analysis, design and laboratory investigations in various domains of Civil Engineering.

PSO2 - Graduates will exhibit a passion for continuous self-learning and/ or pursue higher studies and engineering research.

PSO3 - Graduates will possess ability to interact and function within multidisciplinary teams with competence in modern tool usage.



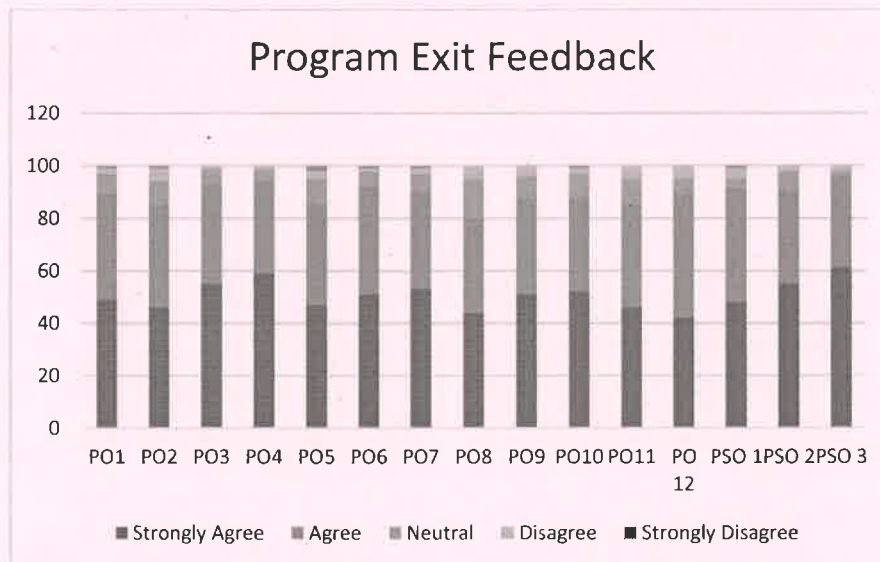
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	64	32	3	1	
PO2	56	34	4	4	2
PO3	64	33	3	0	
PO4	45	42	11	1	1
PO5	62	30	6	2	
PO6	60	34	4	1	1
PO7	55	25	17	3	
PO8	32	47	15	4	2
PO9	45	39	11	4	1
PO10	52	38	8	2	
PO11	46	41	10	2	1
PO 12	43	46	5	5	1
PSO 1	50	43	3	3	1
PSO 2	52	38	8	2	
PSO 3	45	42	11	1	1



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Student exit feedback Computer

Science Engineering

2018-2019

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply knowledge of mathematics, science, engineering and computer science fundamentals to solve complex computational problems.

PSO2 - Use modern tools to analyze, design and develop software solutions in the areas pertaining to system software, database, networking, web and mobile applications, information security, data analytics and machine learning.

PSO3 - Employ modern computer languages, environments, and platforms to create innovative career paths, pursue higher studies and entrepreneurship.



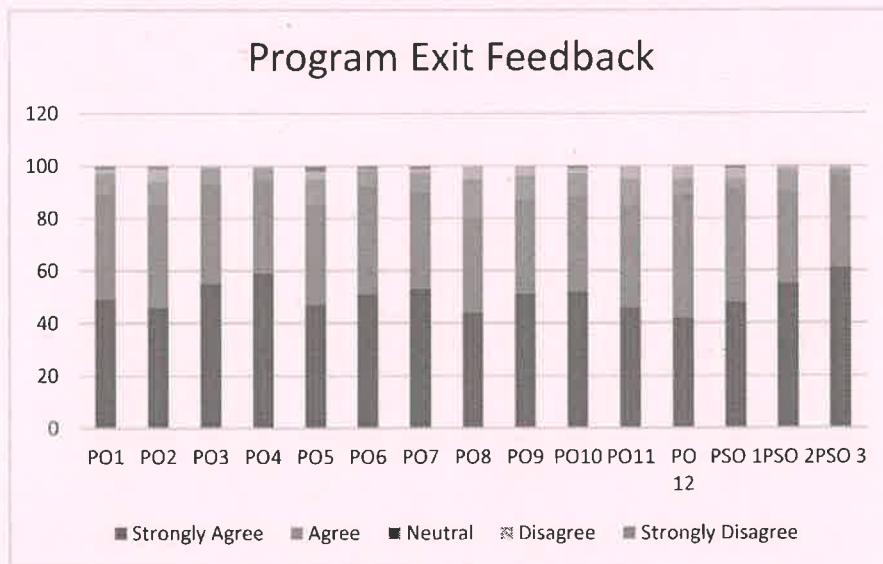

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	52	38	8	2	
PO2	45	42	6	5	2
PO3	52	40	6	2	
PO4	45	42	11	1	1
PO5	62	30	6	2	
PO6	53	40	5	1	1
PO7	55	25	17	3	
PO8	42	38	15	5	
PO9	45	39	11	4	1
PO10	51	39	8	2	
PO11	48	38	11	2	1
PO 12	42	47	6	5	
PSO 1	48	43	4	4	1
PSO 2	52	38	8	2	
PSO 3	45	42	11	1	1




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Student exit feedback analysis Electrical and Electronics Engineering

2018-2019

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - To analyze and apply the knowledge of electrical fundamentals, circuit design, control engineering, field theory, power system and allied topics.

PSO2 - To understand technologies and gain the practical skills to design, simulate and analyse electrical system to engage in lifelong learning and successfully adapt in multi-disciplinary environment.

PSO3 - To design, develop and implement Electrical and inter disciplinary projects to meet industry demand and to provide solution to real time problems in current scenario.



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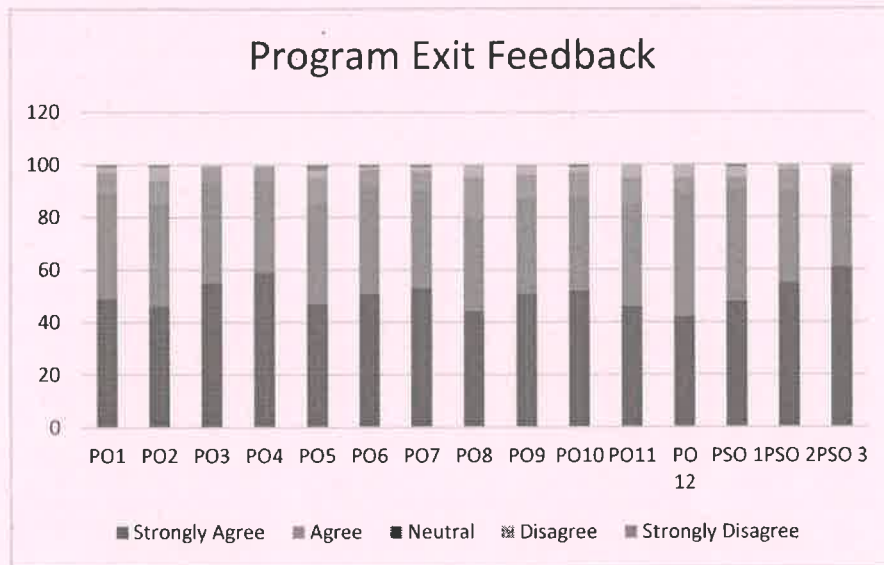
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	60	36	2	2	
PO2	48	41	5	4	2
PO3	51	41	6	1	1
PO4	46	42	11	1	
PO5	59	32	7	2	
PO6	50	42	6	1	1
PO7	55	24	18	1	2
PO8	40	40	15	5	
PO9	48	35	12	4	1
PO10	51	39	8	2	
PO11	47	38	12	3	
PO 12	42	47	6	5	
PSO 1	48	43	4	4	1
PSO 2	52	38	8	2	
PSO 3	54	38	7	1	



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Student exit feedback analysis Electronics and Communication Engineering

2018-2019

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Design and create novel systems in the field of Electronics and Communication to solve global issues.

PSO2 - Carry out research activities in Electronics and Communication Engineering using modern hardware and software tools specific to the field.

PSO3 - Analyze the working of electronic systems in industry and interpret results to arrive at valid conclusions.



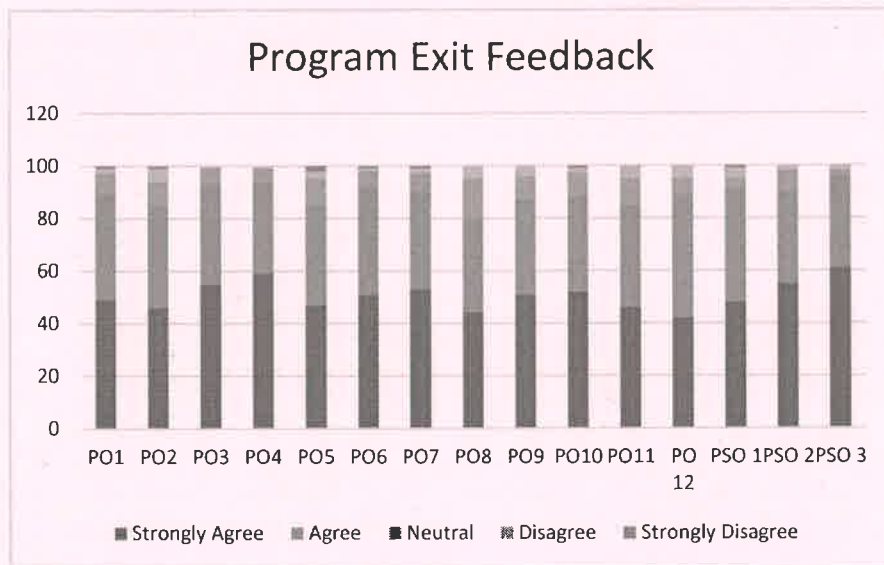
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	54	38	7	1	
PO2	49	38	8	4	1
PO3	47	43	7	2	1
PO4	52	38	9	1	
PO5	55	35	8	2	
PO6	50	42	6	1	1
PO7	51	39	8	1	1
PO8	40	40	15	5	
PO9	49	35	12	4	
PO10	50	38	9	1	2
PO11	47	38	12	3	
PO 12	42	47	6	5	
PSO 1	48	43	4	4	1
PSO 2	52	38	8	2	
PSO 3	54	38	6	2	




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Student exit feedback analysis

Mechanical Engineering

2018-2019

- PO 1: Engineering knowledge
- PO 2: Problem analysis
- PO 3: Design/development of solutions
- PO 4: Conduct investigations of complex problems
- PO 5: Modern tool usage
- PO 6: The engineer and society
- PO 7: Environment and sustainability
- PO 8: Ethics
- PO 9: Individual and team work
- PO 10: Communication
- PO 11: Project management and finance
- PO 12: Life-long learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 - Apply the knowledge of mathematics, physics, basics of other engineering disciplines, mechanics, thermal sciences, fluid mechanics and management principles for solving complex and diverse problems in the field of mechanical engineering.

PSO2 - Implement the principles of design, analysis and interpretation of data to the mechanical systems and processes.

PSO3 - Use modern tools such as CAD/CAM/ CIM/CFD, IT, IOT and 3D printing techniques in the mechanical engineering practice.



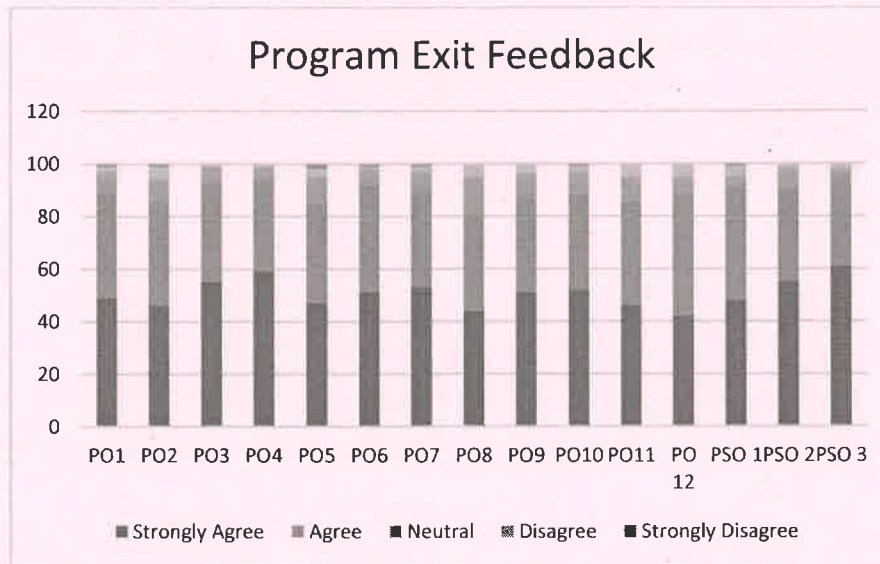
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
PO1	49	40	8	2	1
PO2	46	39	9	5	1
PO3	55	38	6	1	
PO4	59	35	5	1	
PO5	47	38	10	3	2
PO6	51	41	6	1	1
PO7	53	37	7	2	1
PO8	44	36	15	5	
PO9	51	36	9	4	
PO10	52	36	9	2	1
PO11	46	39	10	5	
PO 12	42	47	6	5	
PSO 1	48	43	4	4	1
PSO 2	55	35	8	2	
PSO 3	61	35	2	2	



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FEEDBACK FROM ALUMNI ON CURRICULUM

2018-2019

Alumni feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?


P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



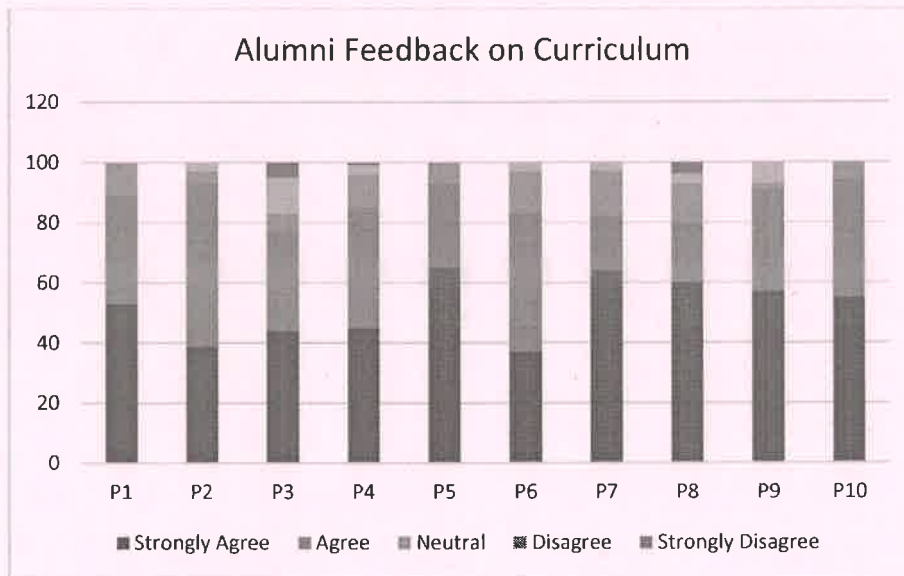

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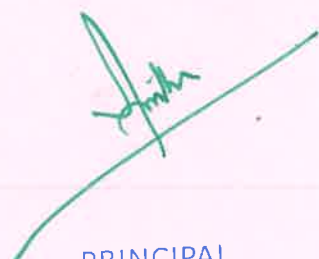


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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	0
P2	39	54	4	3	0
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	0
P6	37	46	14	3	0
P7	64	18	15	3	0
P8	60	20	13	3	4
P9	57	34	2	7	0
P10	55	39	6	0	0




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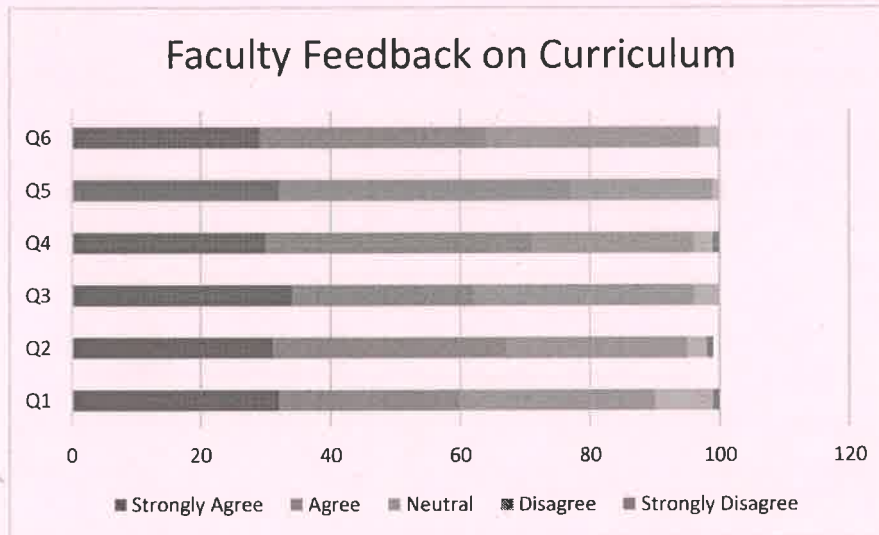
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FACULTY CURRICULUM FEEDBACK ANALYSIS

Faculty feedback (2019 regulation B.Tech)

2018-2019

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
3. Courses reviewed are relevant to the current industry needs
4. The syllabus of the course reviewed has good balance between theory and application
5. Curriculum recommends relevant books and references in the field
6. Curriculum includes latest technologies and softwares in the respective fields




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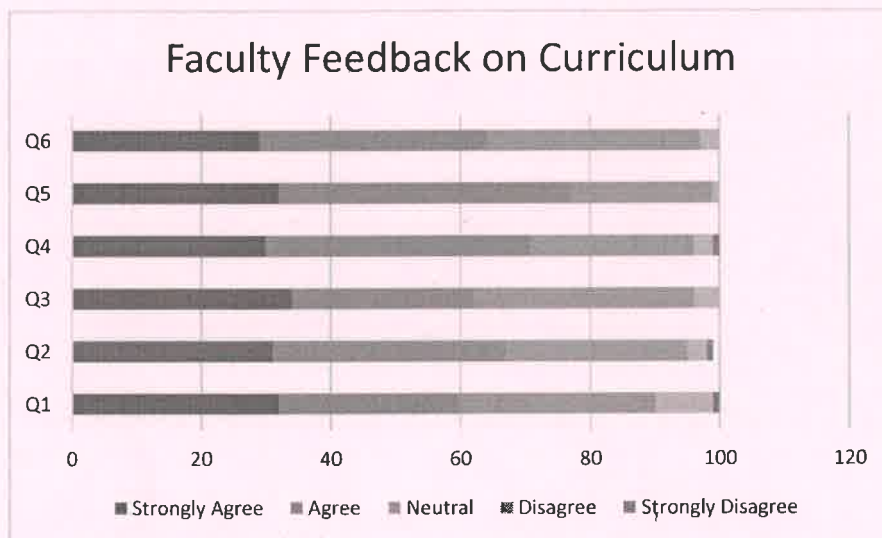
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Faculty feedback (2015 regulation B.Tech)

2018-2019

1. Curriculum of the program is well designed and promotes learning experience of students
2. Course outcomes of the courses are well explained and clear to faculty and students
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ALUMNI FEEDBACK ANALYSIS

2018-2019

- P1. Apply engineering knowledge in professional engineering practice
- P2. The confidence to conduct investigations of complex problems.
- P3. The caliber to use Modern tools pertaining to the field of Engineering
- P4. The expertise and willingness to apply the knowledge in engineering for the betterment of society.
- P5. The preparedness to protect the environment and follow the concept of sustainability.
- P6. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- P7. Deliver the best results in both Individual as well as team work.
- P8. Proficiency in both verbal and written Communication.
- P9. Flair to handle projects and task with know-how of Project management and finance.
- P10. Awareness of the importance of Life-long learning.




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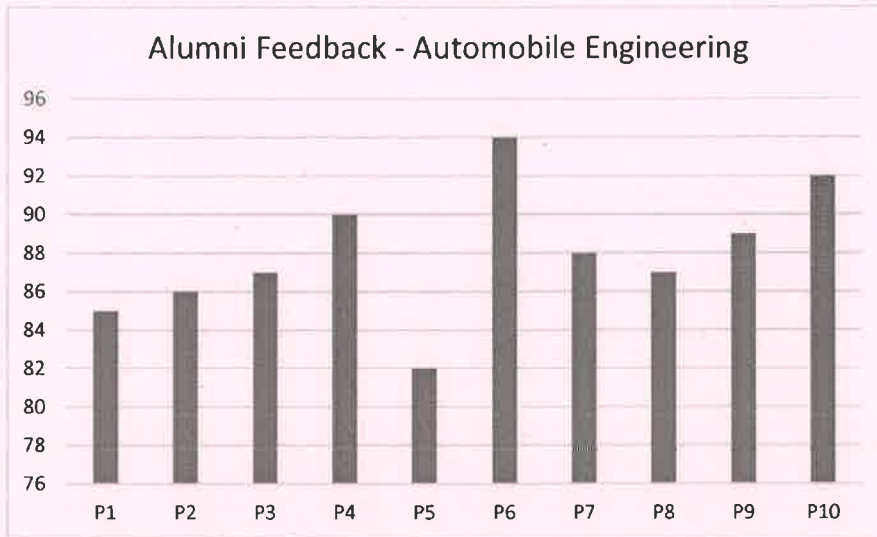


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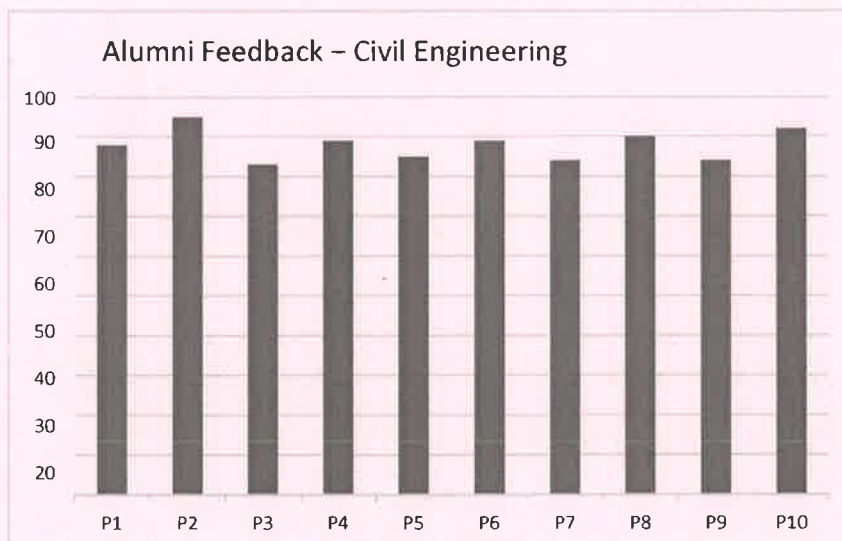
AUTOMOBILE ENGINEERING

2018-2019



CIVIL ENGINEERING

2018-2019



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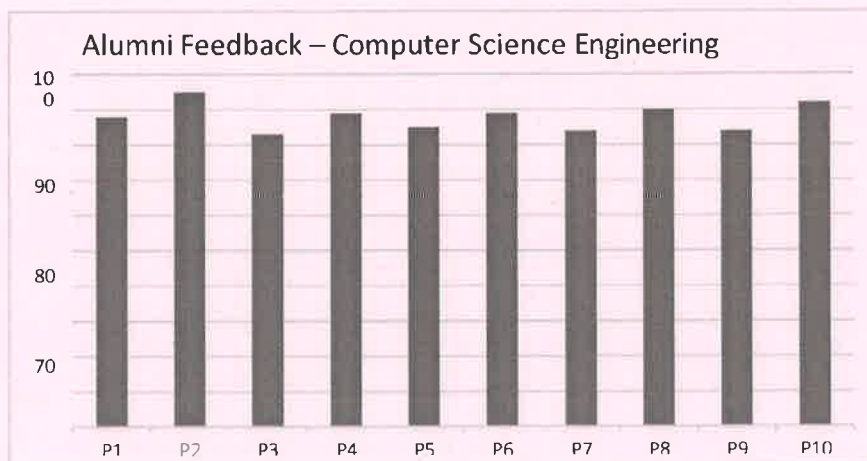


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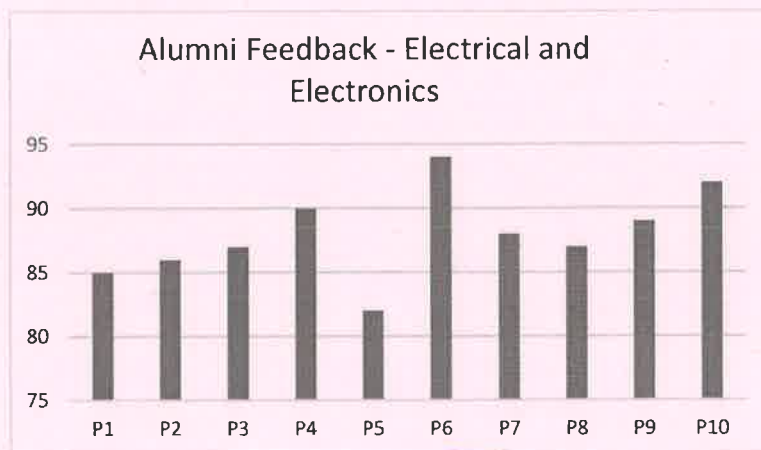
COMPUTER SCIENCE ENGINEERING

2018-2019



ELECTRICAL AND ELECTRONICS ENGINEERING

2018-2019



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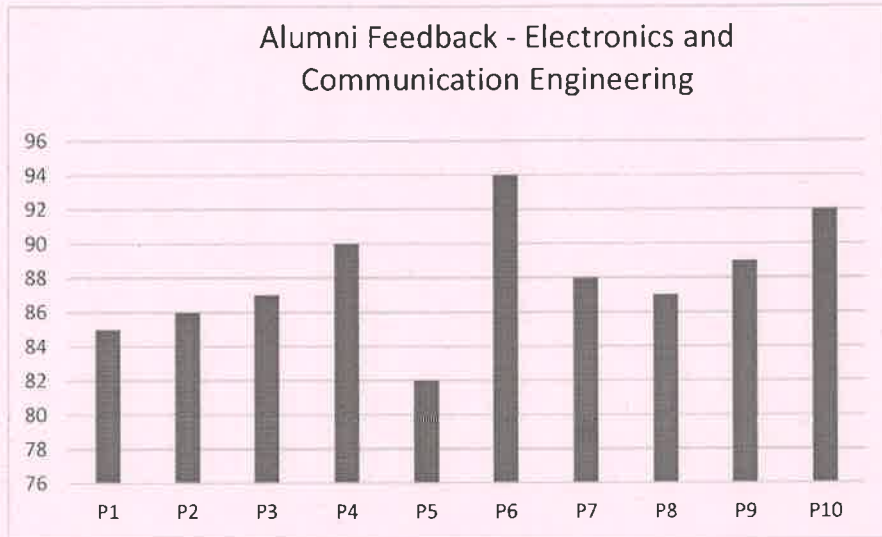


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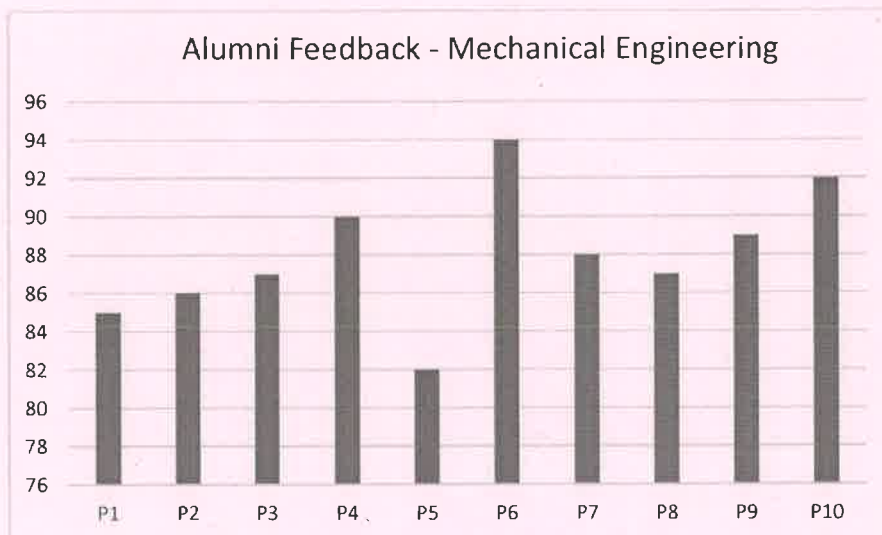
ELECTRONICS AND COMMUNICATION ENGINEERING

2018-2019



MECHANICAL ENGINEERING

2018-2019



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SCMS SCHOOL OF ENGINEERING AND MANAGEMENT

EMPLOYER FEEDBACK ANALYSIS REPORT

2018-2019

Questions

- A1. Performance of our graduates
- A2. Independent thinking and problem-solving ability
- A3. Communication skills
- A4. Leadership skills
- A5. Ethics




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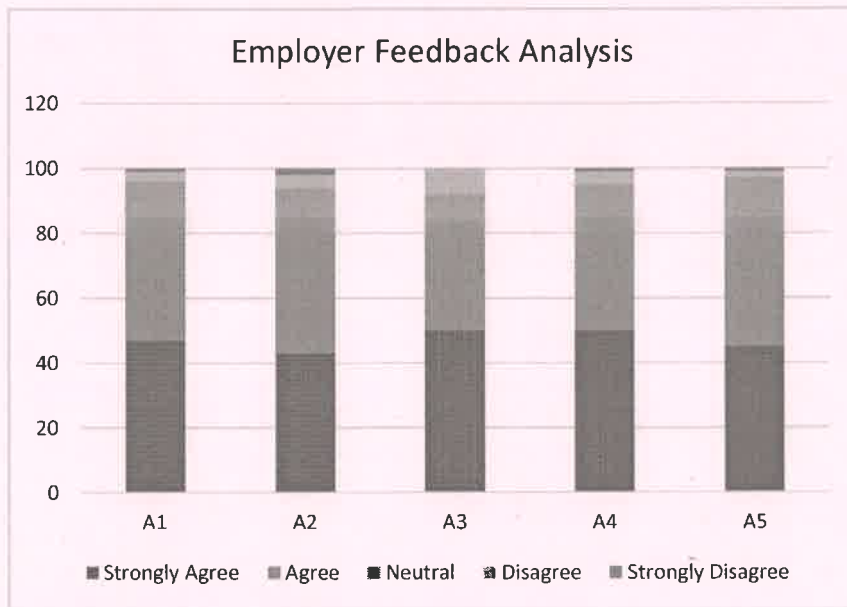
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EMPLOYER FEEDBACK ANALYSIS REPORT

ACADEMIC YEAR: 2018-2019

	Excellent	Very Good	Good	Average
A1	47	38	11	3
A2	43	42	9	4
A3	50	34	8	8
A4	50	35	10	4
A5	45	40	12	2



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FEEDBACK FROM ALUMNI ON CURRICULUM

2018-2019

Employer feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate whether the experiences gained through projects/ internships/ certifications facilitated more employability skills/ communication skills/ confidence in you.

P3. How effective is the Curriculum in developing analytical and problem-solving skills

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Rate the scope of the curriculum in developing the following attributes - creativity, leadership, innovation, self motivation, workplace ethics, social responsibility

P7. The curriculum facilitates in acquiring the learning outcomes of the programme of study.

P8. Is the curriculum facilitating enhancement of practical competencies as needed by the industry?

P9. Your opinion on the various platforms and opportunities facilitated by the Institution to achieve your goals.

P10. Rate your participation in the various academic initiatives of the Institution

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



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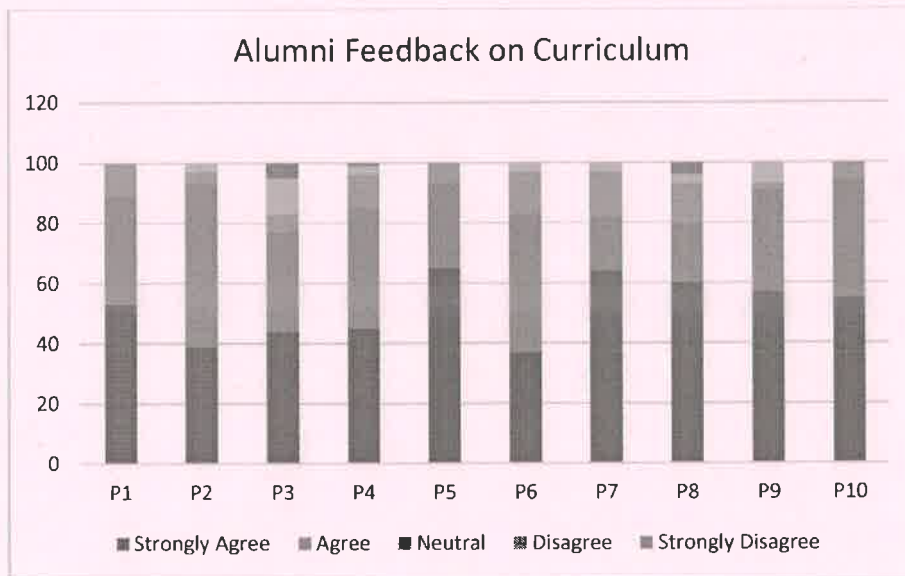
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	53	36	11	0	0
P2	39	54	4	3	0
P3	44	33	6	12	5
P4	45	40	11	3	1
P5	65	28	7	0	0
P6	37	46	14	3	0
P7	64	18	15	3	0
P8	60	20	13	3	4
P9	57	34	2	7	0
P10	55	39	6	0	0




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FEEDBACK FROM EMPLOYERS ON CURRICULUM

2018-2019

Employer feedback on curriculum was collected from employers on the following areas

P1. Rate your opinion on the relevancy/ sufficiency of the courses meeting the industry requirements?

P2. Rate the applicability of the tools/activities/case studies presented in the curriculum facilitating more employability skills among graduates

P3. How effective is the Curriculum in developing analytical and problem-solving skills?

P4. Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning?

P5 Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics

P6. Curriculum reflects current trends and practices in the respective disciplines.

P7. Does the curriculum effectively cover topics on fundamentals and latest technology?

P8. The academic initiatives of the institution contribute towards achieving the Mission and Vision of the institution

P9. Rate the proficiency of our graduates to adapt to industry requirements

P10. The curriculum facilitates an overall holistic development of the student?

Scale provided

1-Strongly Disagree, 2- Disagree, 3- Neutral, 4-Agree, 5-Strongly Agree



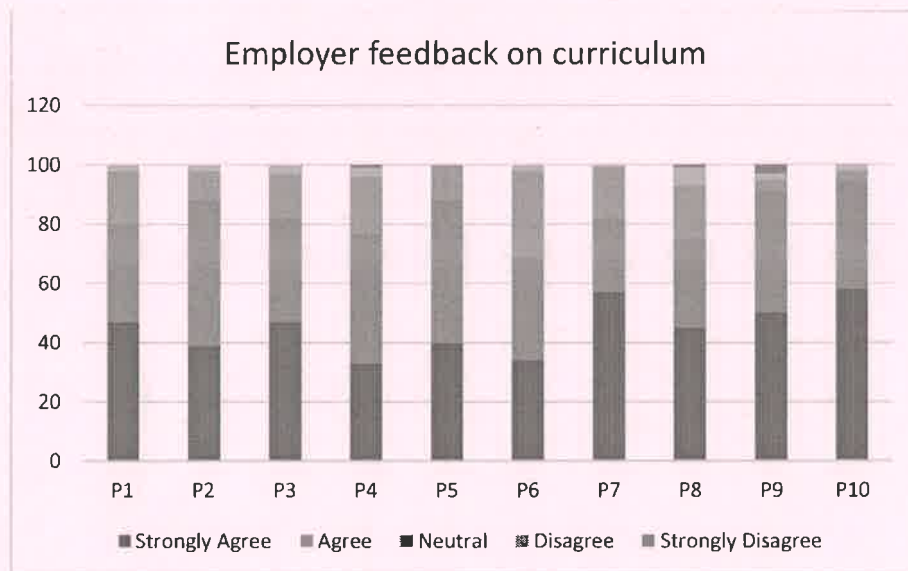

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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
P1	47	33	18	2	0
P2	39	49	10	2	0
P3	47	35	15	3	0
P4	33	44	19	3	1
P5	40	48	12	0	0
P6	34	35	29	2	0
P7	57	25	17	1	0
P8	45	30	18	6	1
P9	50	41	4	2	3
P10	58	36	4	2	0



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