SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

Internal Quality Assurance Cell (IQAC)

Students' Exit Survey

April 2021

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	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY **INTERNAL QUALITY ASSURANCE CELL (IQAC)** **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**
OUTGOING STUDENTS EXIT SURVEY	
HT. NO:	**NAME:**
DEGREE:	**DATE:**

Questionnaire

Dear Student,

Sri Indu College of Engineering and Technology has developed this survey as an aid to assess the effectiveness of its programmes. The department is deeply committed to ongoing quality improvement, and this survey is an integral part of our assessment process. Please help us in this endeavor by taking a few minutes to complete the survey. Thank you for your cooperation.

Please provide overall experience during your period of study in SICET in the area of academic, infrastructure and support system help us to improve the process and serve the students efficiently.

Academic Experience:

S. No	Parameter	5	4	3	2	1
1	Curriculum and Syllabi of the Course					
2	Extent of Syllabi covered in the class					
3	Course delivery by faculty member in the class					
4	Usage of teaching aids and ICT in the class by the faculty					
5	Fairness in the Assessment Process (Mid Test, Quiz, Assignments, etc.,)					
6	Timely announcement of Examination Results					
7	Opportunities in the department for Research Activities					
8	Opportunity for students to participate in internship, industrial visit and IPT					

9	Opportunities for out of classroom learning (Guest Lecture, Workshop, Seminar, Value added programmes, Conferences and competitions)					
10	Overall Learning experience					

Infrastructure:

S. No	Parameter	5	4	3	2	1
1	Class Room Facilities					
2	Laboratories Facilities					
3	Library Reading Materials and E-Resources					
4	Internet Facility					
5	Learning Management System					
6	Sports Facility					
7	Food Outlets/Canteen					
8	Drinking Water Facility					
9	Wash Room Facilities					
10	Stationery Store/ Photocopying Facility					

Support System:

S. No	Parameter	5	4	3	2	1
1	Support Received from Proctor					
2	Experience with Administrative Staff					
3	Experience with Students Welfare office					
4	Placement and Training Cell					
5	Health Care Facility					
6	Opportunities provided by SICET to inculcate soft skills, life skills and employability skills					

PROGRAM EDUCATIONAL OBJECTIVES

SNO	Statements	E 5	G 4	A 3	P 2	NC 1	COMMENTS
PEO1	**Higher Degrees & Professional Employment**	☐	☐	☐	☐	☐	
PEO2	**Domain Knowledge**	☐	☐	☐	☐	☐	
PEO3	**Engineering Career**	☐	☐	☐	☐	☐	
PEO4	**Lifelong Learning**	☐	☐	☐	☐	☐	

PO	PROGRAM OUTCOMES	E 5	G 4	A 3	P 2	NC 1
1	**Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	☐	☐	☐	☐	☐
2	**Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	☐	☐	☐	☐	☐
3	**Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	☐	☐	☐	☐	☐
4	**Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	☐	☐	☐	☐	☐
5	**Modern Tool Usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	☐	☐	☐	☐	☐
6	**The Engineer and Society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	☐	☐	☐	☐	☐
7	**Environment and Sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	☐	☐	☐	☐	☐
8	**Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	☐	☐	☐	☐	☐
9	**Individual and Team Work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multi disciplinary settings.	☐	☐	☐	☐	☐
10	**Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	☐	☐	☐	☐	☐
11	**Project Management and Finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.	☐	☐	☐	☐	☐
12	**Life-long Learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	☐	☐	☐	☐	☐
PSO1	**Basic Electronic and communications knowledge:** Apply basic knowledge related to electronic circuits, VLSI, communication systems, signal processing and embedded systems to solve engineering/societal problems.	☐	☐	☐	☐	☐
PSO2	**Design Methods:** Design, verify and authenticate electronic functional elements for different applications, with skills to interpret and communicate results.	☐	☐	☐	☐	☐
PSO3	**Experimentation & Communications:** Engineering and management concepts are used to analyze specifications and prototype electronic experiments/projects either independently or in teams.	☐	☐	☐	☐	☐

Summary of the Survey

Programme wise Students Participation in the Survey

S. No	Name of the Programme	No. of students Participated
1	Mechanical Engineering	93
2	Civil Engineering	48
3	Electrical and Electronics Engineering	87
4	Electronics and Communication Engineering	198
5	Computer Science and Engineering	182
6	Information Technology	41
7	Master of Business Administration	3

Academic Experience:

S. No	Parameter	Avg. Rating
1	Curriculum and Syllabi of the Course	4.11
2	Extent of Syllabi covered in the class	4.03
3	Course delivery by faculty member in the class	4.23
4	Usage of teaching aids and ICT in the class by the faculty	3.94
5	Fairness in the Assessment Process (Mid Test, Quiz, Assignments, etc.,)	4.03
6	Timely announcement of Examination Results	3.47
7	Opportunities in the department for Research Activities	3.76
8	Opportunity for students to participate in internship, industrial visit and IPT	3.29
9	Opportunities for out of classroom learning (Guest Lecture, Workshop, Seminar, Value added programmes, Conferences and competitions)	3.92
10	Overall Learning experience	4.06

Infrastructure:

S. No	Parameter	Avg. Rating
1	Class Room Facilities	3.82
2	Laboratories Facilities	3.58
3	Library Reading Materials and E-Resources	3.76
4	Internet Facility	3.94
5	Learning Management System	3.47
6	Sports Facility	3.31
7	Food Outlets/Canteen	3.43
8	Drinking Water Facility	4.01
9	Wash Room Facilities	3.84
10	Stationery Store/ Photocopying Facility	3.55

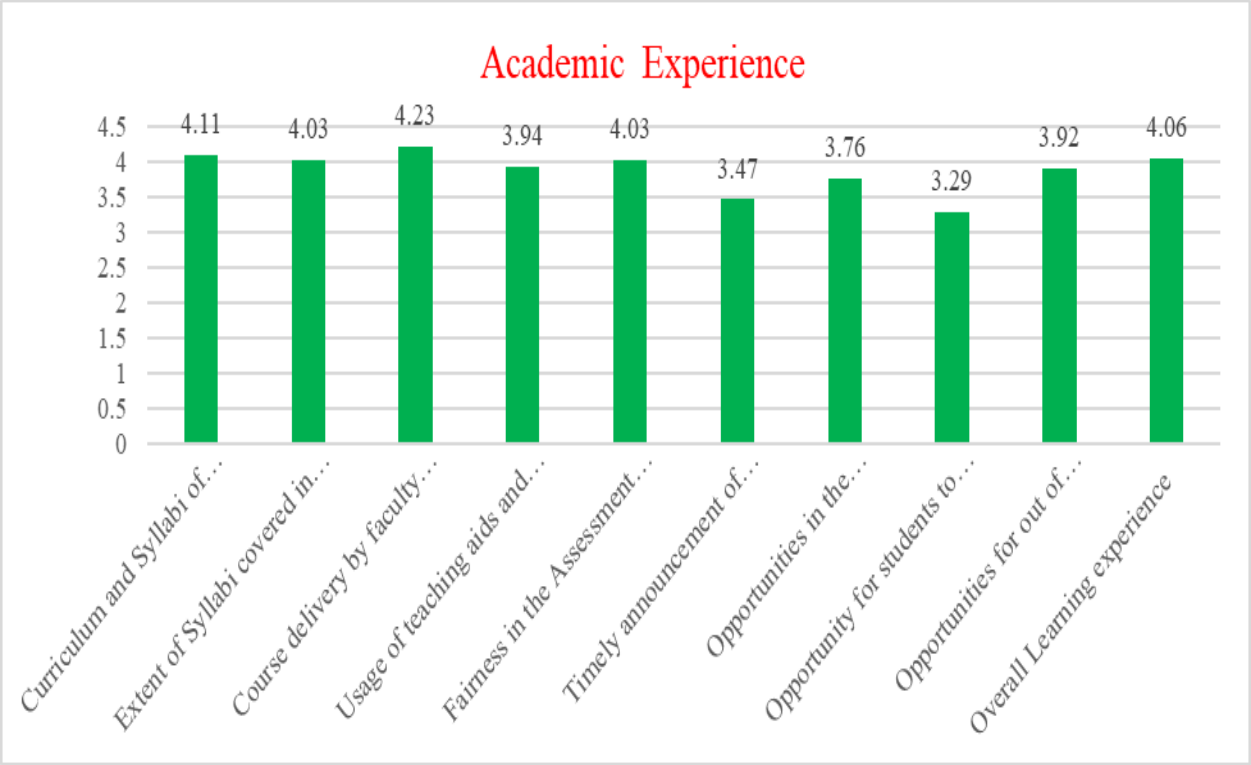
Support System:

S. No	Parameter	Avg. Rating
1	Support Received from Proctor	4.21
2	Experience with Administrative Staff	4.03
3	Experience with Students Welfare office	4.14
4	Placement and Training Cell	4.34
5	Health Care Facility	3.93
6	Opportunities provided by SICET to inculcate soft skills, life skills and employability skills	4.07

PEOs, POs & PSOs

S. No	PROGRAM EDUCATIONAL OBJECTIVES	Avg. Rating
1	Higher Degrees & Professional Employment	3.12
2	Domain Knowledge	3.44
3	Engineering Career	3.58
4	Lifelong Learning	3.03

S. No	PROGRAM OUTCOMES & PROGRAM SPECIFIC OUTCOMES	Avg. Rating
1	Engineering knowledge	**3.49**
2	Problem analysis	**3.14**
3	Design/development of solutions	**3.01**
4	Conduct investigations of complex problems	**2.87**
5	Modern Tool Usage	**3.26**
6	The Engineer and Society	**3.02**
7	Environment and Sustainability	**2.82**
8	Ethics	**3.19**
9	Individual and Team Work	**3.25**
10	Communication	**3.67**
11	Project Management and Finance	**3.11**
12	Life-long Learning	**2.98**
1	Basic Electronic and communications knowledge	**3.57**
2	Design Methods	**3.18**
3	Experimentation & Communications	**3.21**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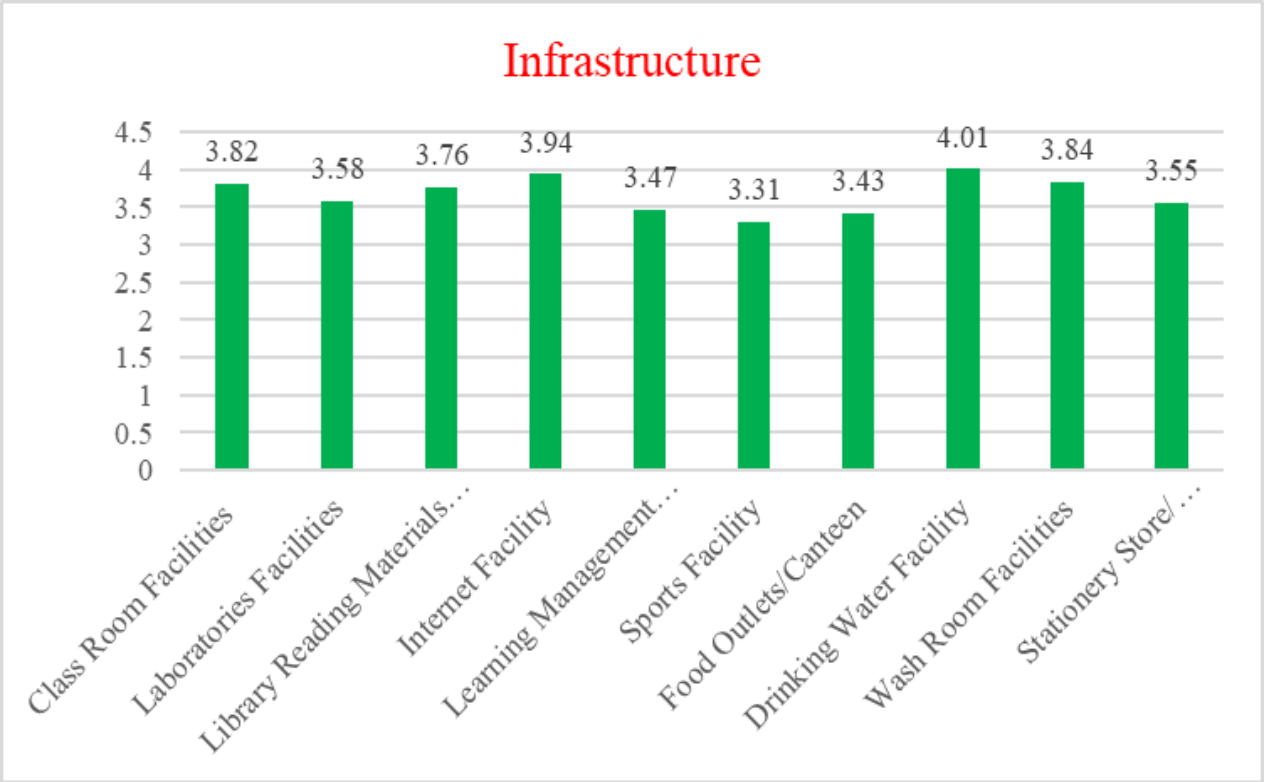
Curriculum and Syllabi of…
Extent of Syllabi covered in…
Course delivery by faculty…
Usage of teaching aids and…
Fairness in the Assessment…
Timely announcement of…
Opportunities in the…
Opportunity for students to…
Opportunities for out of…
Overall Learning experience


Infrastructure
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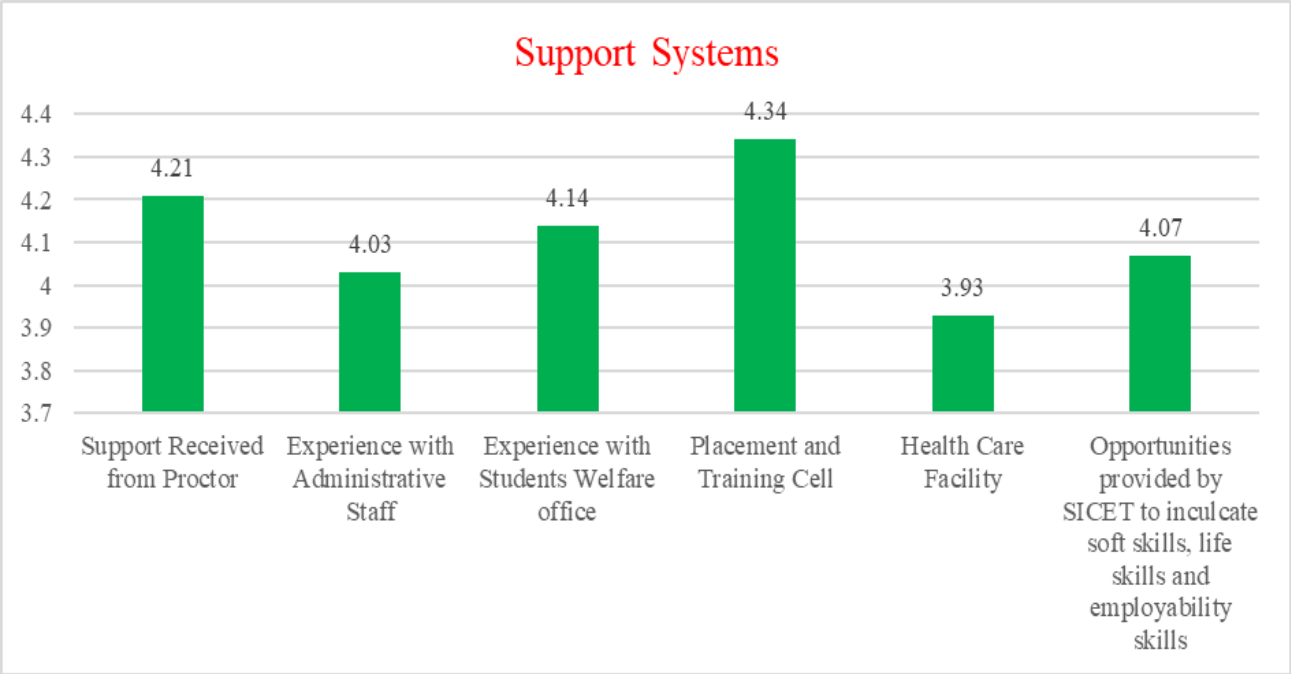
Class Room Facilities
Laboratories Facilities
Library Reading Materials…
Internet Facility
Learning Management…
Sports Facility
Food Outlets/Canteen
Drinking Water Facility
Wash Room Facilities
Stationery Store/ …


Support Systems
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4.1
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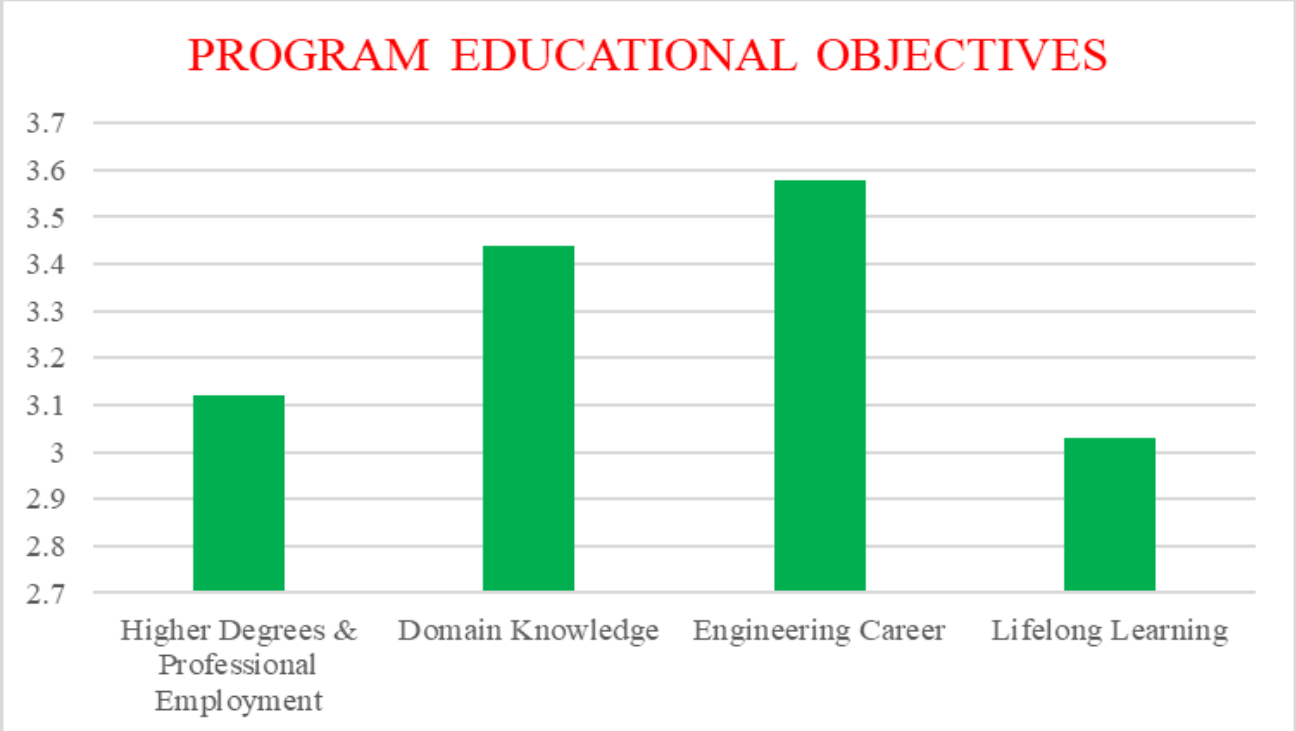
3.93
4.07
Support Received from Proctor
Experience with Administrative Staff
Experience with Students Welfare office
Placement and Training Cell
Health Care Facility
Opportunities provided by SICET to inculcate soft skills, life skills and employability skills


PROGRAM EDUCATIONAL OBJECTIVES
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3.6
3.5
3.4
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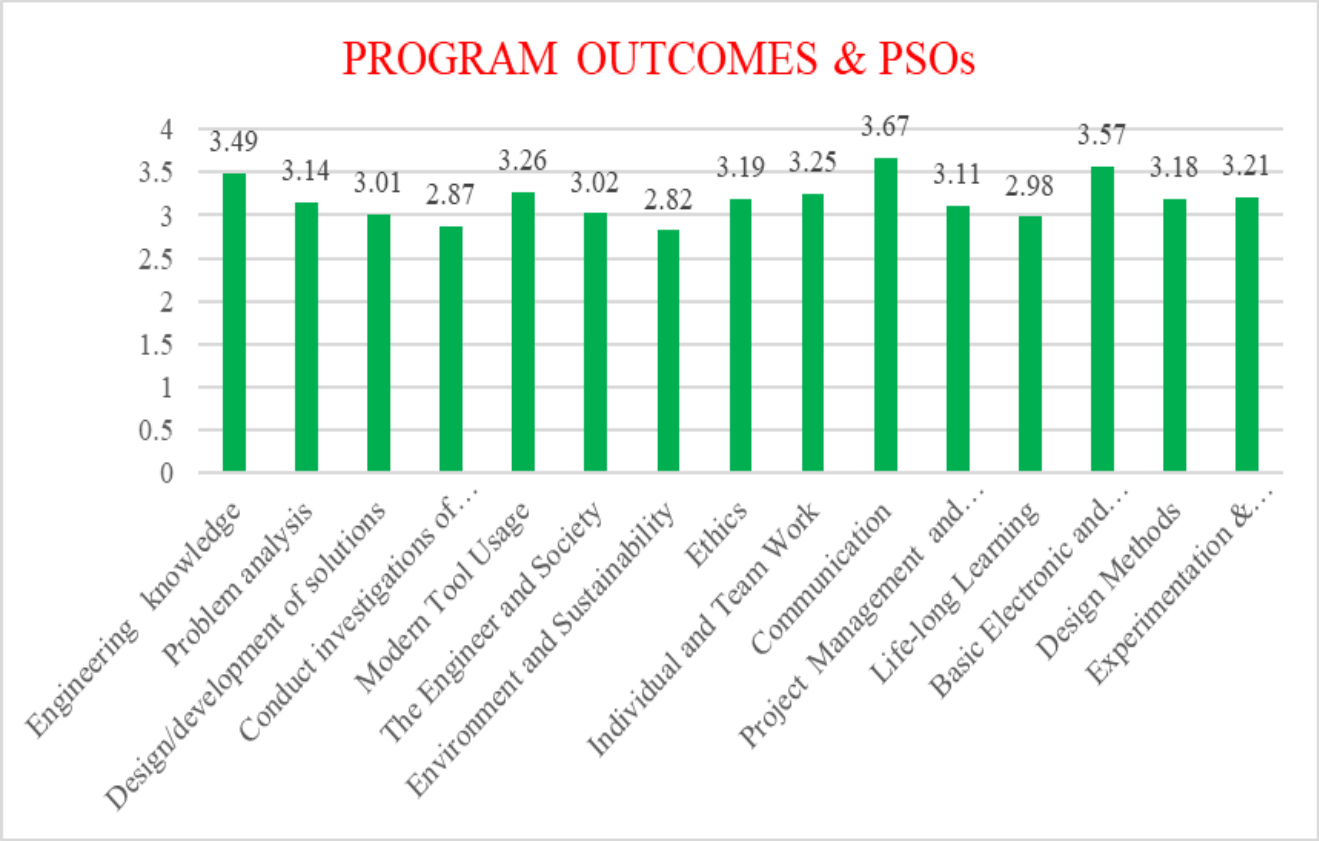
Higher Degrees & Professional Employment
Domain Knowledge
Engineering Career
Lifelong Learning



Overall Suggestions

S. No	Feedback	Action Taken
1	Please provide the internet facilities in all the academic building	Providing internet facility in class rooms will not be possible as it distracts the teaching-learning process
2	Improve interaction with students	Regular meetings are organized with section wise students
3	Hostel amenities can be improved. Hostel facilities should be improved.	Focusing on standards; achieved, still aiming to bring standards.
4	Improve placement interaction with students and improve placement	Since SICET has gone virtual mode of interaction. Also, our communications are through mail and Whats app. Always we are conducting orientation

		programmes and webinars on employability skills.
5	New industry related tools can be given to the students to bridge the requirements	Good suggestion- will conduct more demo sessions.
6	Give the aware on importance of soft skills for the students.	Our college will conduct orientation programs to emphasize the importance of soft skills
7	Encourage the student for entrepreneurial activities. Support for startups	S-Hub, P-Hub and innovation council will continue to support innovative startups
8	Develop more sports facilities and conduct more extra- curricular activities	Established indoor stadium and cricket nets for practice purpose
9	Arrange more industrial visit	We are planning to give more company visit based on domain specialization
10	We are requesting corporate driven internship programmes.	Many number of internship programmes were recommended for the students.
11	Conduct co-curricular activities for the students from the department	Suggestion taken into consideration
12	Activity oriented classes are required	ICT enabled activities were introduced
13	Support for higher studies globally	Awareness programmes were arranged.
14	Technical training programmes are invited	Conducting seminars/ workshops/ webinars/ experts talk etc.,