Report on Student Satisfaction Survey

Department students have participated in the Student Satisfaction Survey (SSS) during the academic year 2022-23. Overall, 90 students have responded the survey comprising of students from different semesters as tabulated

1st A	1st B	3rd A	3rd B	6th A	6th B	8th A	8th B
10	15	9	7	27	08	10	10

Stake holders survey involves students, parents, faculty, alumni and recruiter would be taken periodically by the department. Questionary and responses of the same are as showcased below.

How do You Grade us with

1. **Teaching Learning Process**
2. **Faculty Competence**
3. **Curriculum**
4. **Examination Process and Results**
5. **Placements**
6. **Industry Involvement**
7. **Lab Facilities /Infrastructure**
8. **Training Programmes**

These criteria were evaluated as a five level gradation from **Scope for Improvement** to **Excellent.** Survey results involving students (20) and parents (35) depicted as follows.
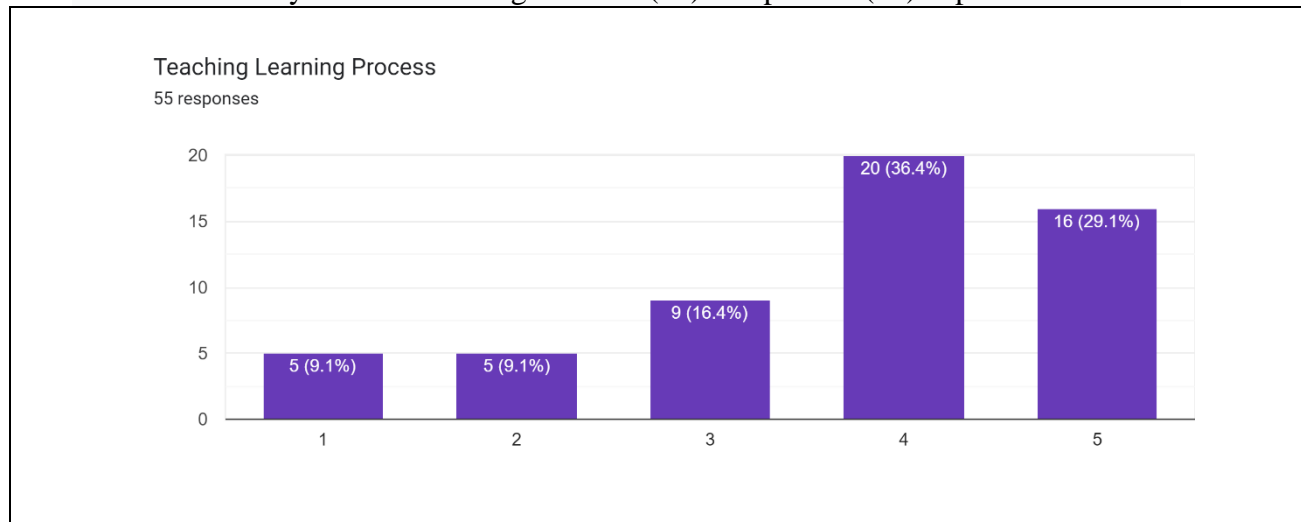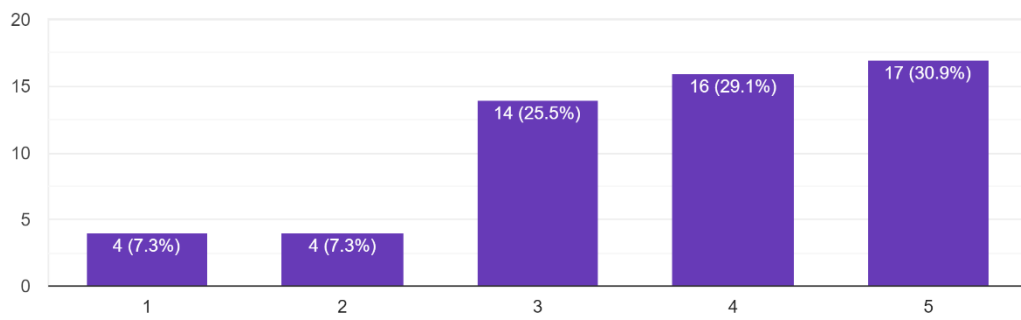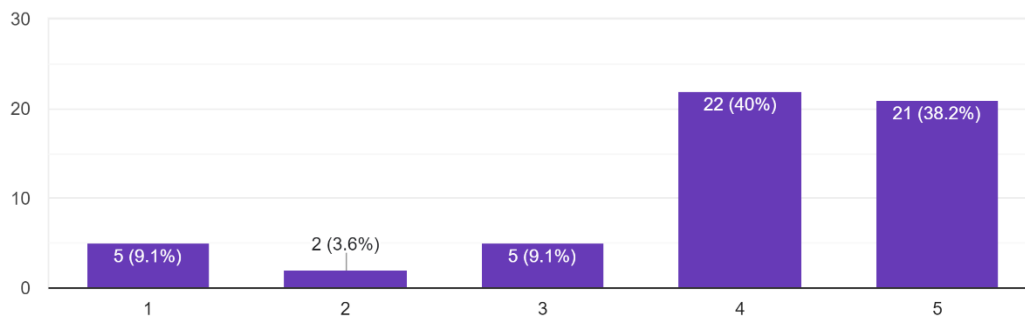
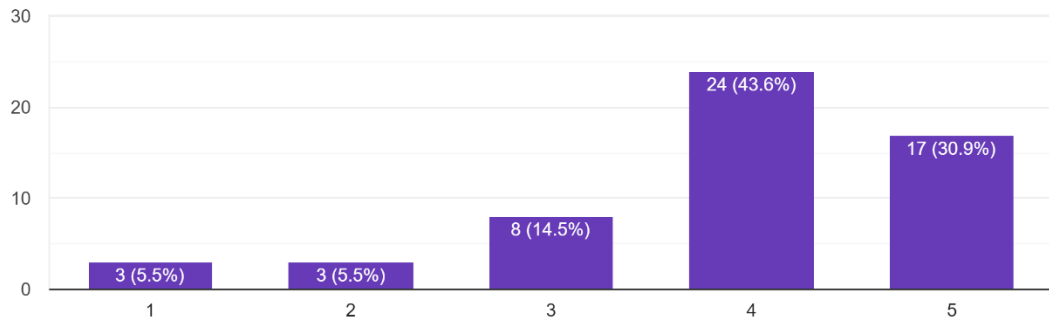## Faculty Competence

55 responses
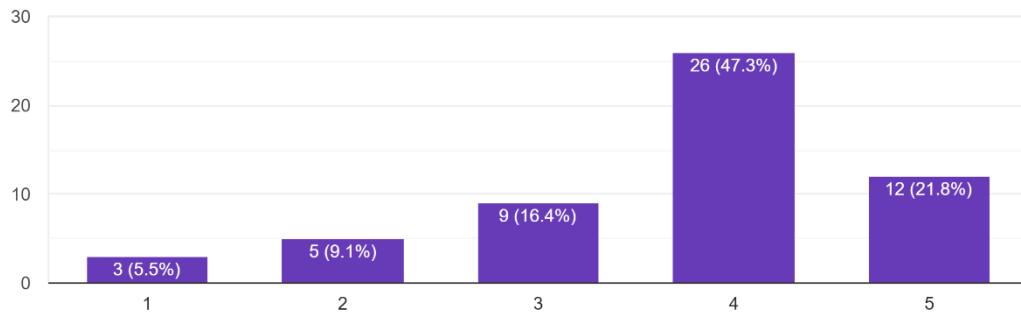
Curriculum

55 responses

Examination Process and Results

55 responses

Placements

55 responses
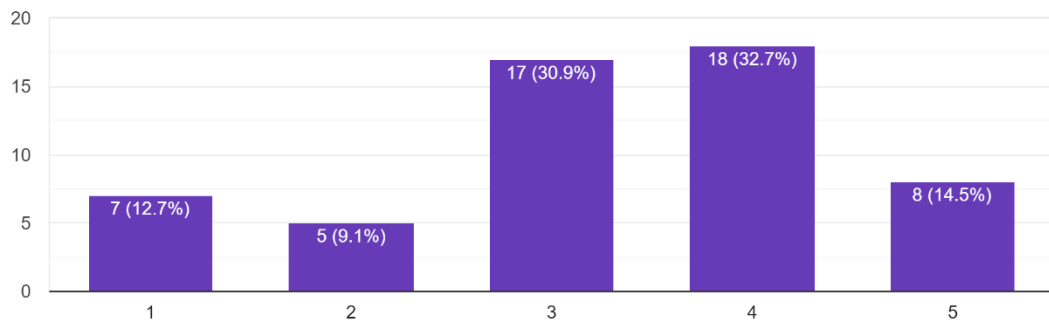
Rating	Count	Percentage
1	3	5.5%
2	3	5.5%
3	8	14.5%
4	24	43.6%
5	17	30.9%

Industry Involvement

55 responses

Rating	Count	Percentage
1	7	12.7%
2	5	9.1%
3	17	30.9%
4	18	32.7%
5	8	14.5%

Lab Facilities /Infrastructure

55 responses

| Rating	Count	Percentage
1	4	7.3%
2	4	7.3%
3	12	21.8%
4	17	30.9%
5	18	32.7%
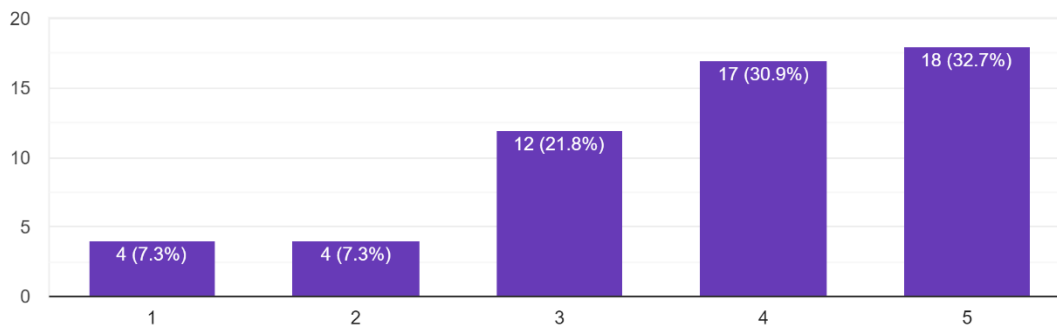
Training Programmes
55 responses
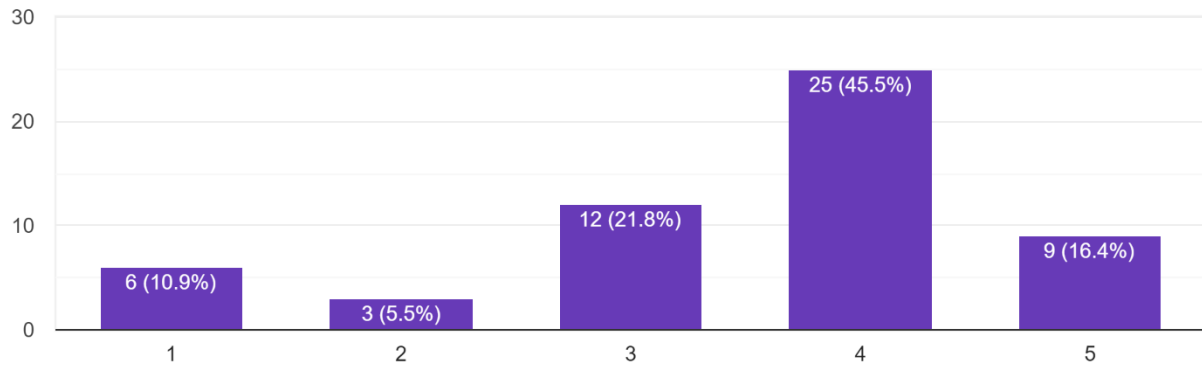
Survey also consists of PO attainment sample responses are as follows which has a graded response from Fully Satisfied to Not Satisfied.

Engineering knowledge Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation to the solution of complex engineering problems.
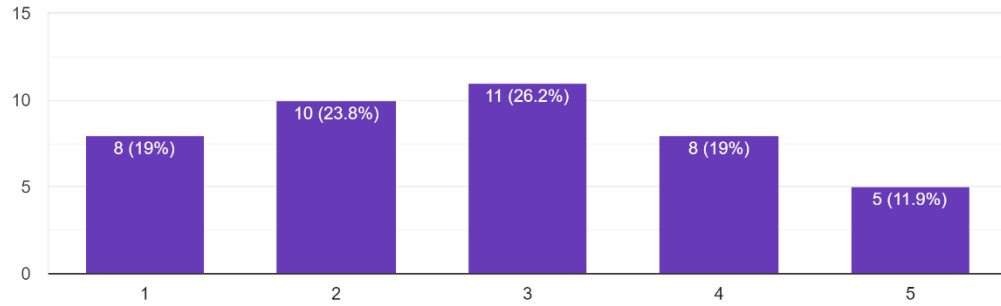42 responses
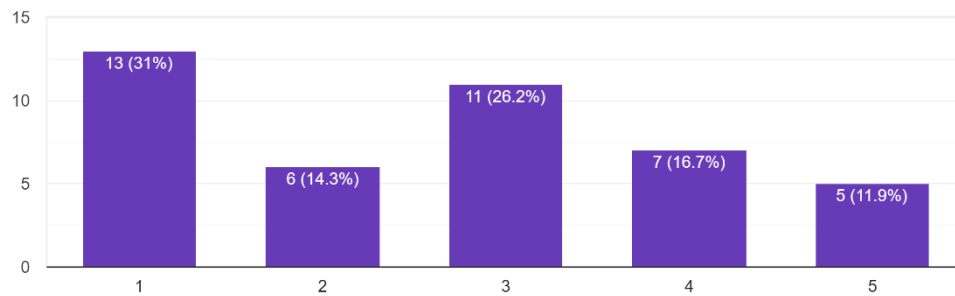
Problem analysis Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using ...tics, natural sciences, and engineering sciences.
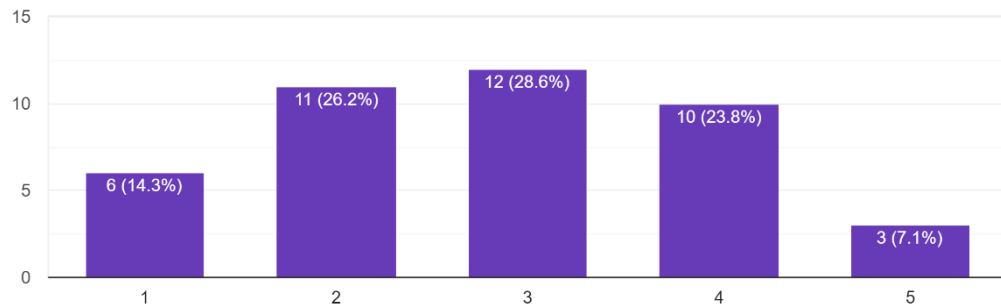42 responses
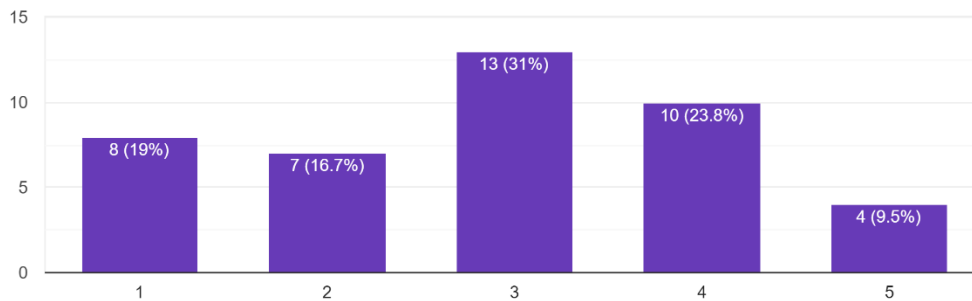
Design/development of solutions Design solutions for complex engineering problems and design system components or processes that meet the speci...ral, societal, and environmental considerations.

42 responses

Bar chart:
- 1: 8 (19%)
- 2: 10 (23.8%)
- 3: 11 (26.2%)
- 4: 8 (19%)
- 5: 5 (11.9%)

Conduct investigations of complex problems Use research-based knowledge and research methods including design of experiments, analysis a... of the information to provide valid conclusions.

42 responses

Bar chart:
- 1: 6 (14.3%)
- 2: 11 (26.2%)
- 3: 12 (28.6%)
- 4: 10 (23.8%)
- 5: 3 (7.1%)

Modern tool usage Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and mo...tivities with an understanding of the limitations.

42 responses

Bar chart:
- 1: 7 (16.7%)
- 2: 12 (28.6%)
- 3: 13 (31%)
- 4: 6 (14.3%)
- 5: 4 (9.5%)
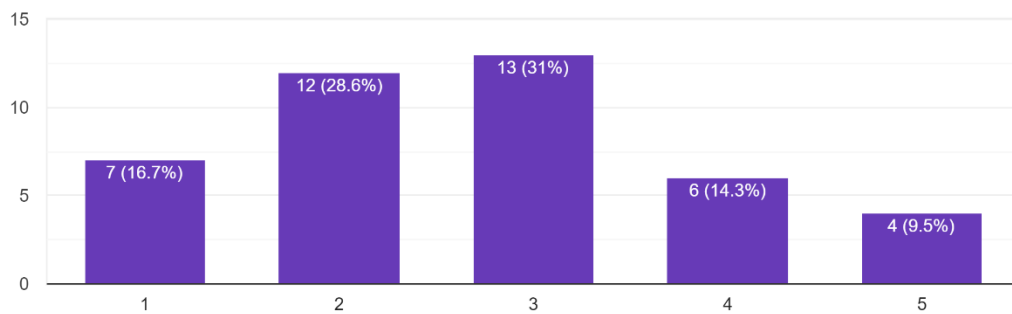
The engineer and society Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues an...s relevant to the professional engineering practice.
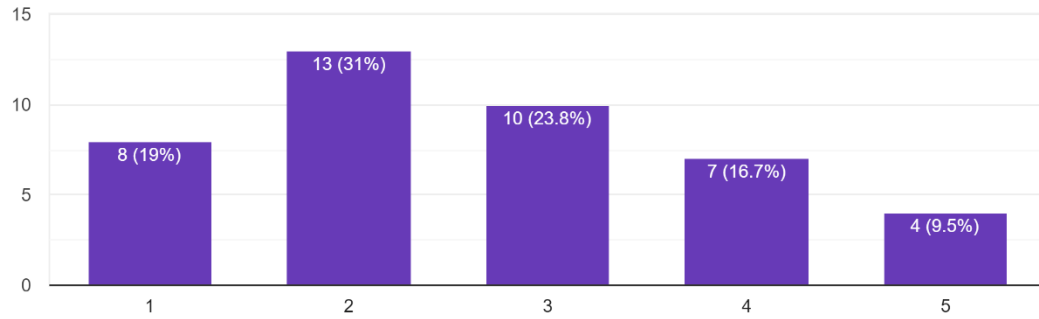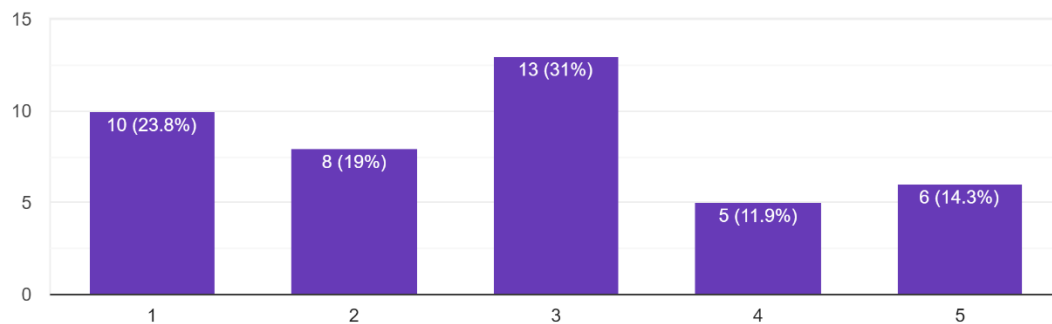
42 responses

Environment and Sustainability Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstr...wledge of, and need for sustainable development.
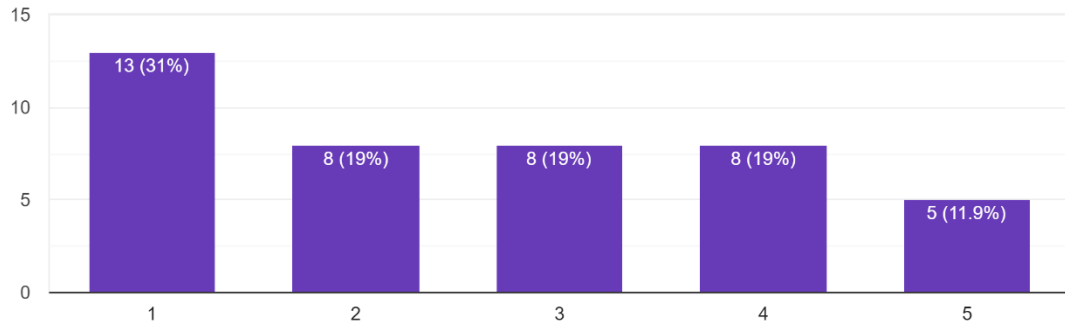
42 responses
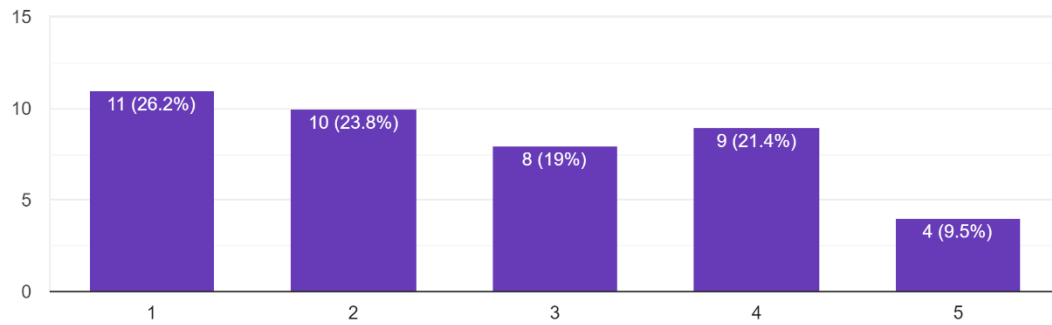
Ethics Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
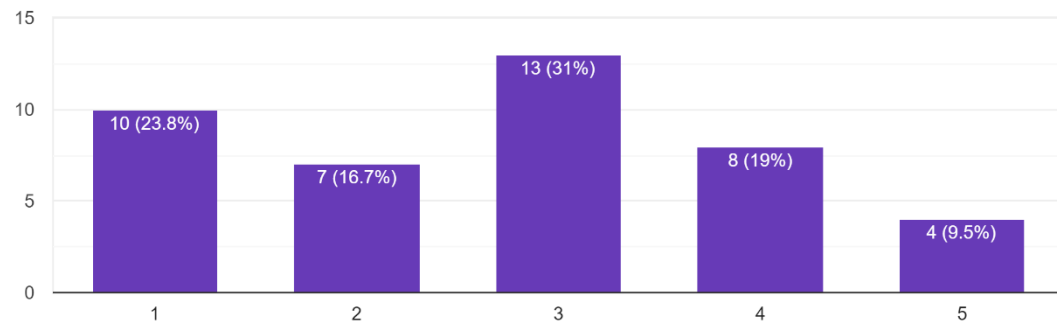
42 responses

Individual and team work Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
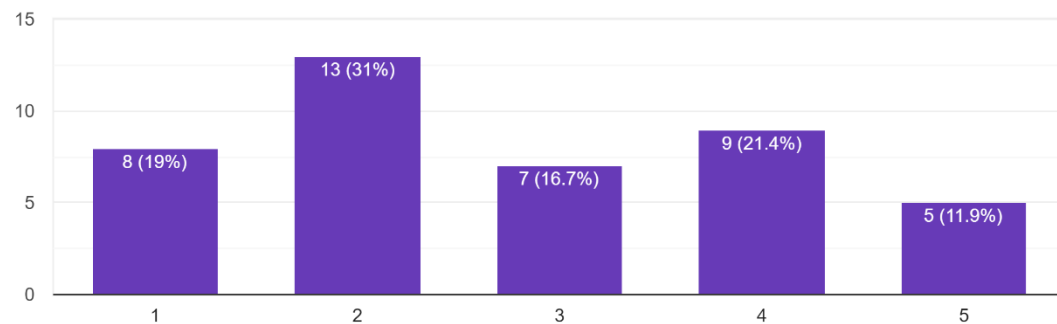
42 responses

Communication Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being ...ntations, and give and receive clear instructions.
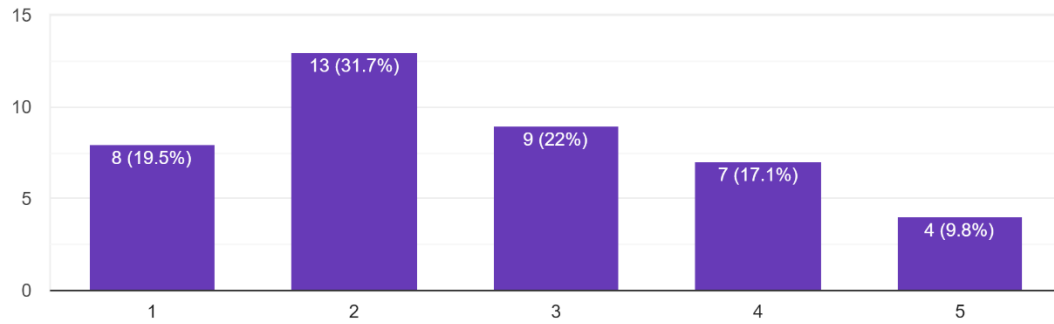
42 responses

Project Management and Finance Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's...e projects and in multidisciplinary environments.
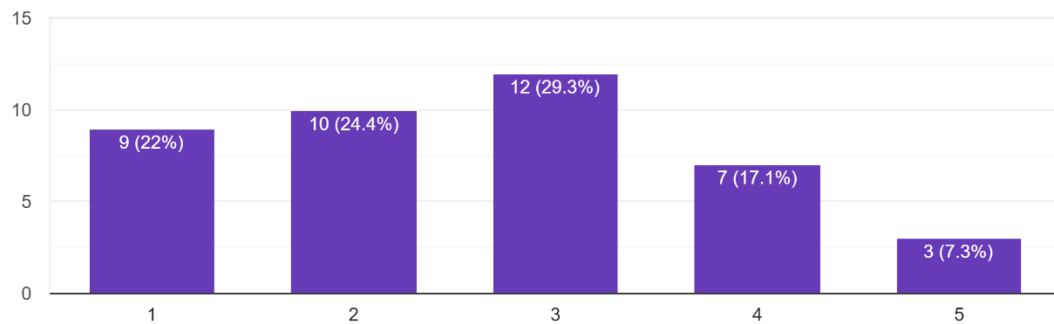
42 responses

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.

41 responses

Program Specific Outcome -1 Design economically and technically sound analog and / or digital systems based on the principles of signal processing, VLSI and communication Engineering.

41 responses

Program Specific Outcome -2 Integrate hardware – software, and apply programming practices to realize the solutions in electronics domain.

41 responses