

**Department of Mechanical Engineering**  
**Tezpur University**

**Analysis of Students' Feedback, 2022 Autumn: Teaching Learning Components**

**Programme: B.Tech. (Mechanical Engineering)**

The feedback from the students has been collected on a 5-point scale ranging from A (strongly agreed) to E (strongly disagreed). Total 422 numbers of responses have been received for various courses and for faculty members. Analysis has been prepared considering all the semester together from gathered responses. For better comparison of the responses, 5-point scale has been grouped into following five categories:

Scale	Category
A	Strongly agreed
B	Agreed
C	Neutral
D	Disagreed
E	Strongly disagreed

The data are presented in a pie chart according to the different aspects of teaching and learning components of the department.

**Criterion 1. Are you provided with a detailed lesson plan at the beginning of the course?**

There is a total of 421 responses in this component of the feedback analysis. Regarding to provide a detailed lesson plan at the beginning of the course, 92% of the responses are agreed, while 8% of the responses are disagreed in this component. The results are plotted in Fig. 1.

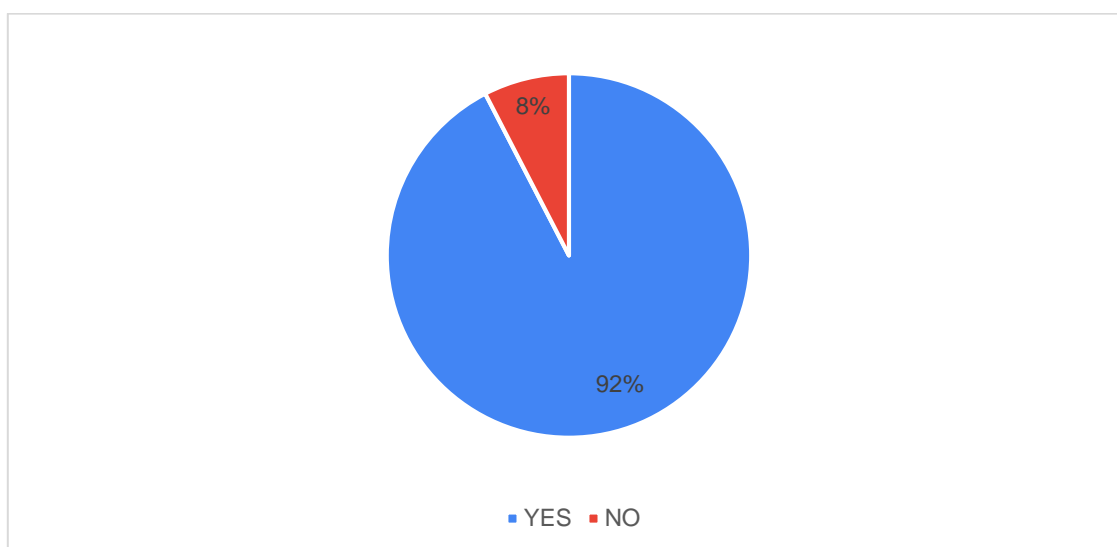


Fig 1. Representation of criterion 1 in pie chart.

### Criterion 2. Organisation of the course in the lesson plan?

There is a total of 414 responses in this question. Regarding organisation of the course in the lesson plan, 67% of the responses are strongly agreed, and 22% of the responses are agreed, 7% of the responses remain neutral, 3% of the responses are disagreed and only 1% of the responses regarding organisation of the course in the lesson plan. The results are plotted in Fig. 2.

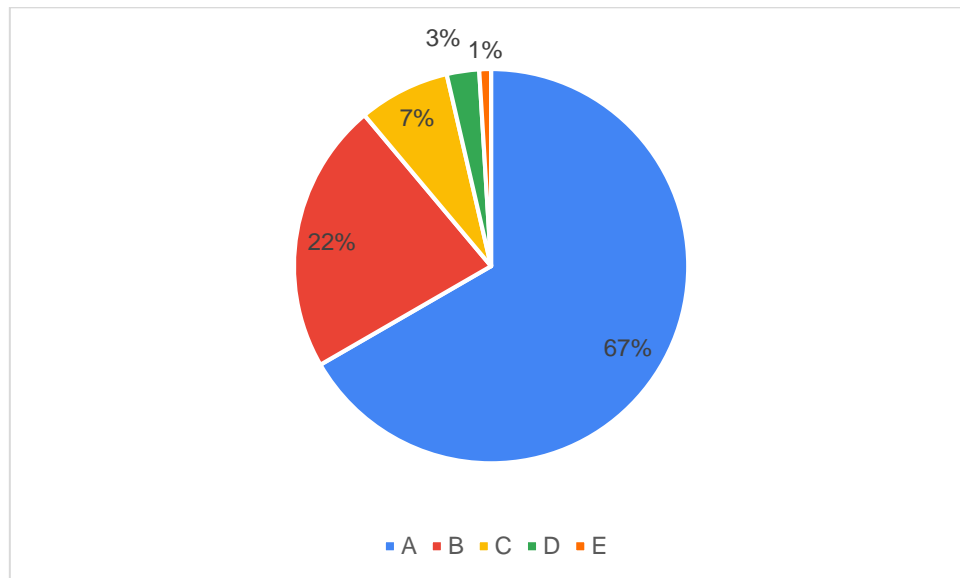


Fig 2. Criterion 2 in pie diagram

### Criterion 3. Coverage of the topics in the logical sequence:

There is a total of 422 responses in this component of the feedback analysis. The results shown in Fig. 3 depict that 66% of the responses are strongly agreed about coverage of the topics in the logical sequence, while 21% of the responses are agreed, 9% remain neutral in this component and only 1% strongly disagreed.

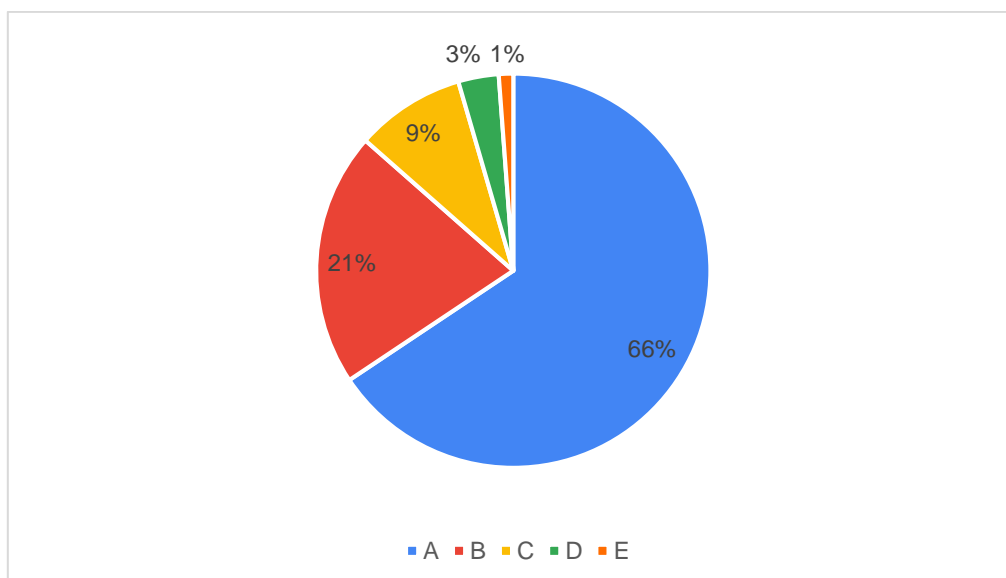


Fig. 3: Depiction of criterion 3 in pie chart.

#### Criterion 4. Emphasis on fundamentals:

There is a total of 422 responses in this component of the feedback analysis. Regarding this component, 22% of the responses are agreed, while 62% of the responses are strongly agreed. However, 11% of the responses remain neutral, 4% of the responses do not agree with this topic and only 1% of the responses are strongly disagreed. The results are plotted in Fig. 4.

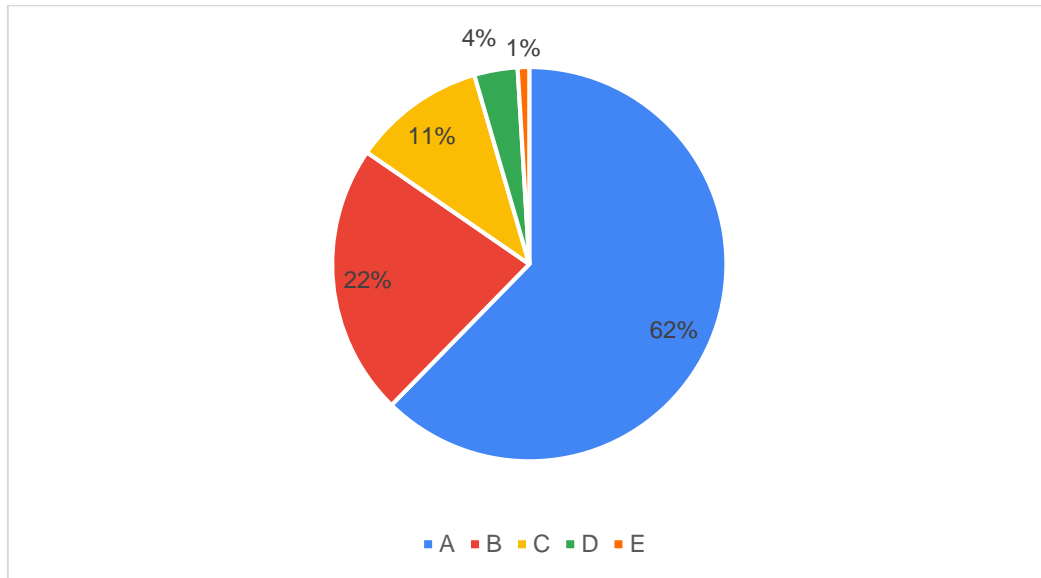


Fig. 4: Criterion 4 in pie diagram.

#### Criterion 5. Session on problem solving:

There is a total of 422 responses in this component of the feedback analysis. Fig. 5 shows that 26% of the responses are agreed and 55% of the responses are strongly agreed, 11% of the responses remain neutral, while 4% of the responses are disagreed as well as strongly disagreed about this topic. The results are plotted in Fig. 5.

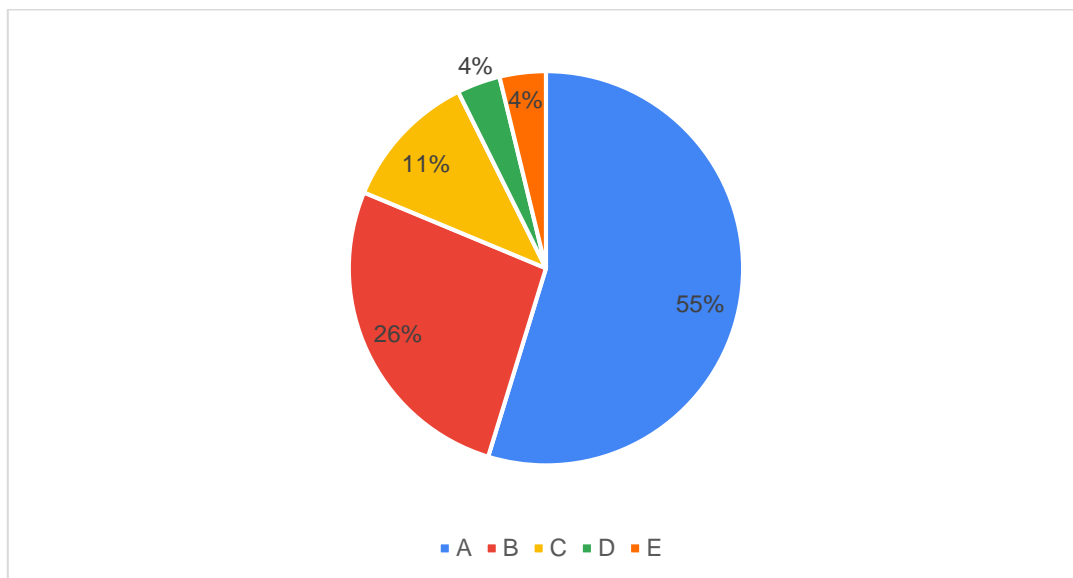


Fig. 5: Representation of criterion 5 in pie chart.

**Criterion 6. Availability of text books/study materials:**

There is a total of 422 responses in this component of the feedback analysis. In case of availability of textbooks/study materials, 60% of the responses are strongly agreed and 24% of the responses are agreed. However, 10% of the responses remain neutral and only 2% of the responses are not agreed while 2% of the responses strongly disagreed about this topic. The results are plotted in Fig. 6.

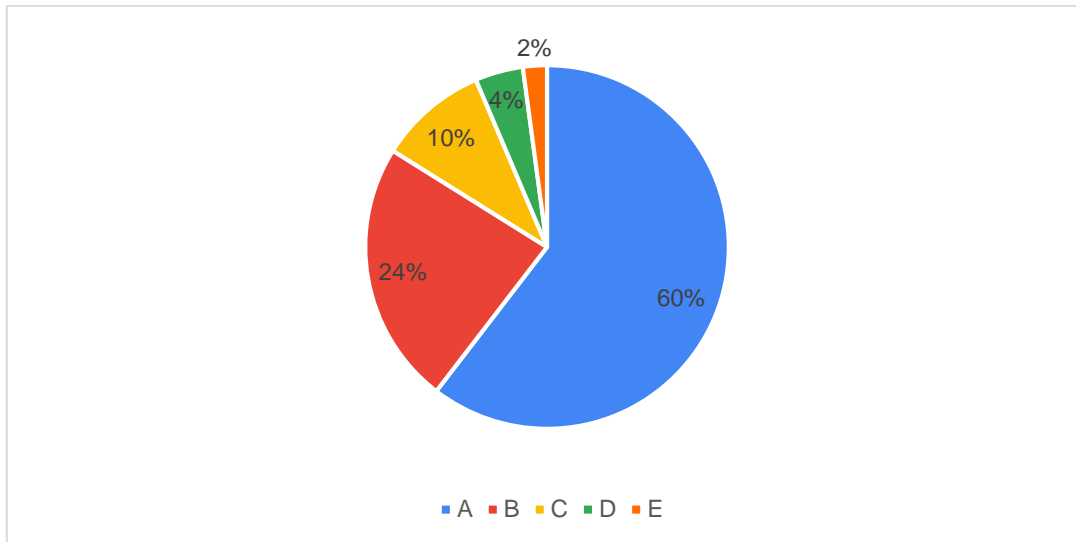


Fig. 6: Representation of criterion 6 in pie chart.

**Criterion 7. Your perception about the standard of tests and assignments:**

There is total 422 responses in this component of the feedback analysis. Regarding this component, 24% of the responses are agreed, while 62% of the responses are strongly agreed. However, only 8% of the responses remain neutral about this topic, 4% of the responses are not agreed and 2% are of the responses are strongly disagreed. The results are shown in Fig. 7.

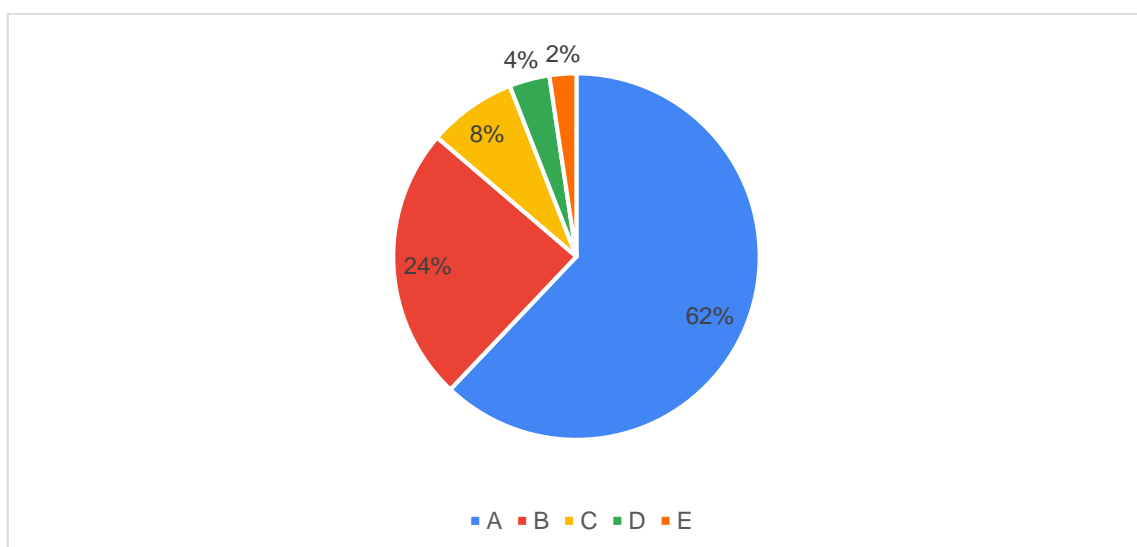


Fig 7. Criterion 7 in pie diagram.

### Criterion 8. Overall rating of the course :

There is a total of 422 responses in this component of the feedback analysis. Fig. 8 shows that 22% of the responses are agreed and 30% of the responses are strongly agreed for overall rating of the course, while 14% of the responses remain neutral. On the other hand, 4% of the responses are not agreed and only 1% of the responses are strongly disagreed about this topic. The results are plotted in Fig. 8.

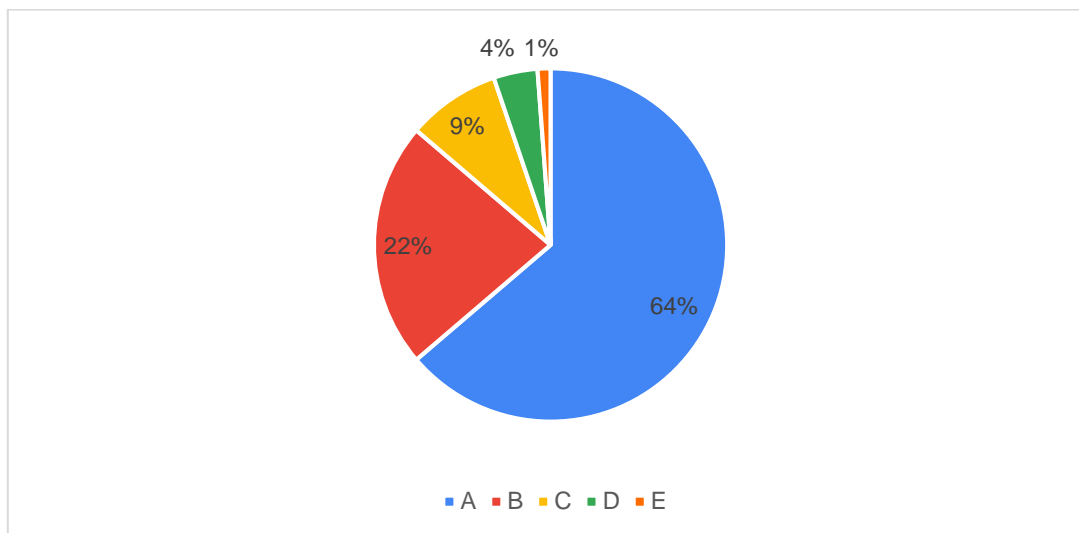


Fig 8. Criterion 8 in pie diagram.

### Criterion 9. Pace of teaching:

There is a total of 422 responses in this component of the feedback analysis. To obtain overall picture of the responses regarding pace of teaching, Pie chart has been prepared for each component. The results are shown in Fig. 9. The results indicate that 24% of the responses are agreed, while 63% are strongly agreed. However, only 8% of the responses remain neutral about this topic, 3% of the responses are not agreed and 2% are strongly disagreed.

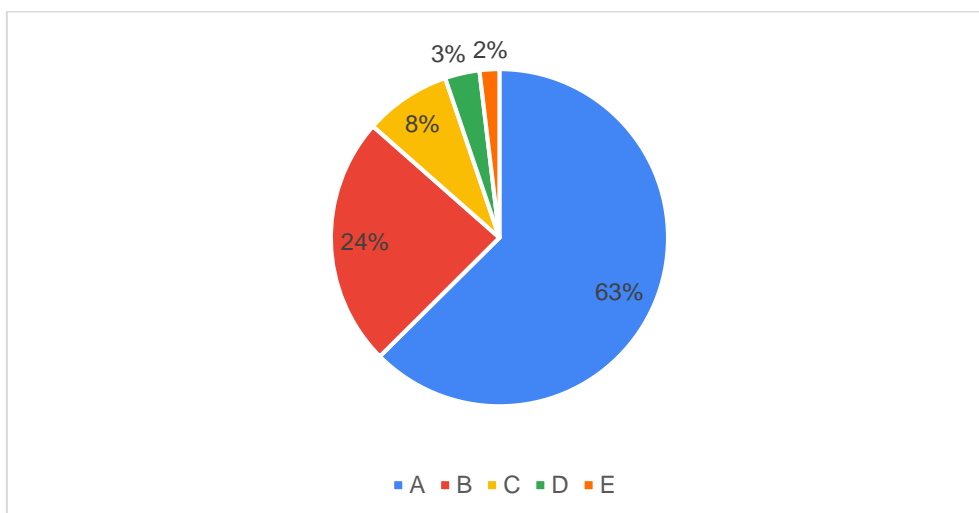


Fig. 9: Representation of criterion 9 in pie chart.

**Criterion 10. Clarity of expression:**

There is total 422 responses in this component of the feedback analysis. The results shown in Fig.10 depict that 22% of the responses are agreed about the clarity of expression, while 61% are strongly agreed and 10% of the responses remain neutral. On the other hand, only 4% of the responses are not agreed as well as strongly disagreed about this component.

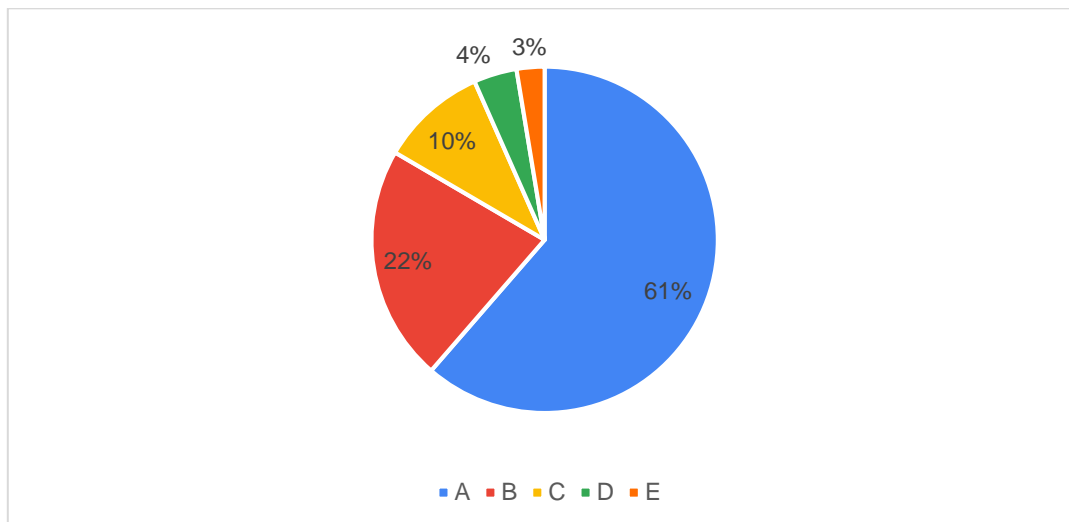


Fig. 10: Depiction of criterion 10 in pie chart.

**Criterion 11. Accessibility outside the class:**

There is a total of 422 responses in this component of the feedback analysis. Regarding this topic, 21% of the responses are agreed and 64% of the responses are strongly agreed, 11% of the responses remain neutral and only 2% of the responses are not agreed as well as strongly disagreed about this topic. The results are plotted in Fig. 11.

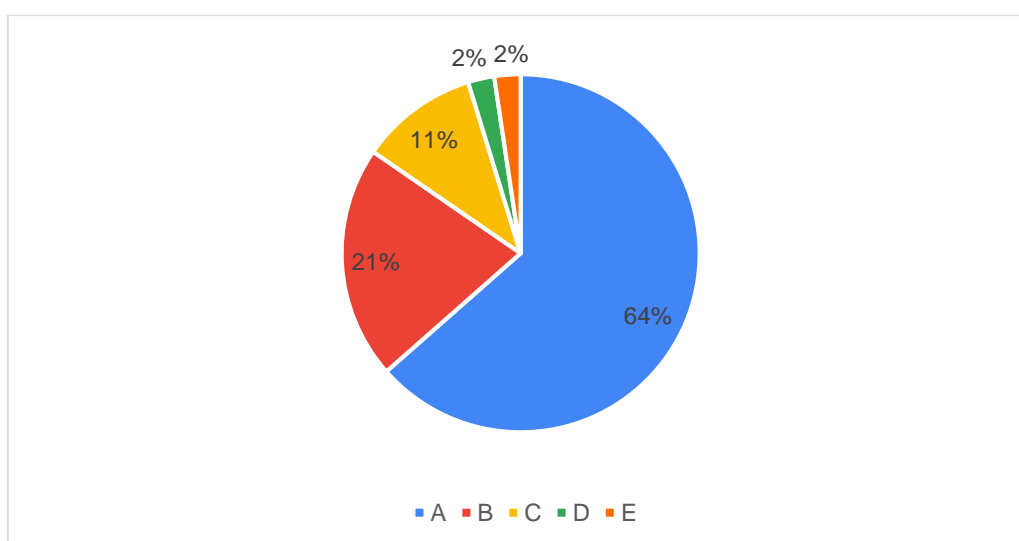


Fig. 11: Criterion 11 in pie diagram.

**Criterion 12. Maintains regularity and punctuality in the class as per the time-table:**

There is a total of 422 responses in this component of the feedback analysis. In case of maintains regularity and punctuality in the class as per the time-table, 17% of the responses are agreed that it was achieved, while 73% of the responses are strongly agreed, 8% of the responses remain neutral and only 1% of the responses are not agreed as well as strongly disagreed about this topic. The results are plotted in Fig. 12.

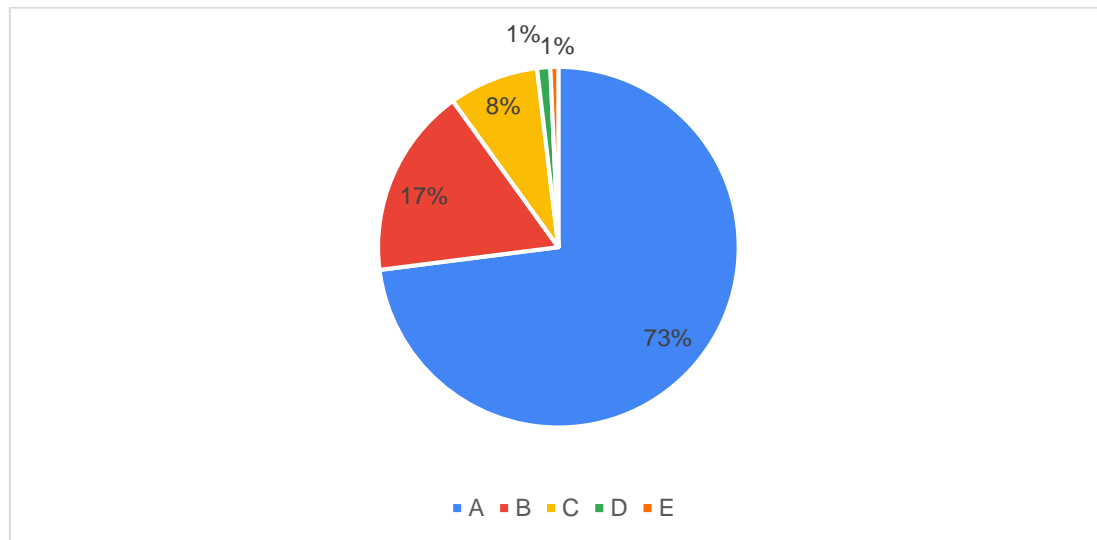


Fig. 12: Depiction of criterion 12 in pie chart.

**Criterion 13. Questions and discussions are encouraged.**

There is a total of 422 responses in this component of the feedback analysis. Fig. 13 shows that 22% of the responses are agreed, while 69% of the responses are strongly agreed about this component and 5% of the responses remain neutral. On the other hand, 4% of the responses do not agree with this topic and only 1% of the responses are strongly disagreed.

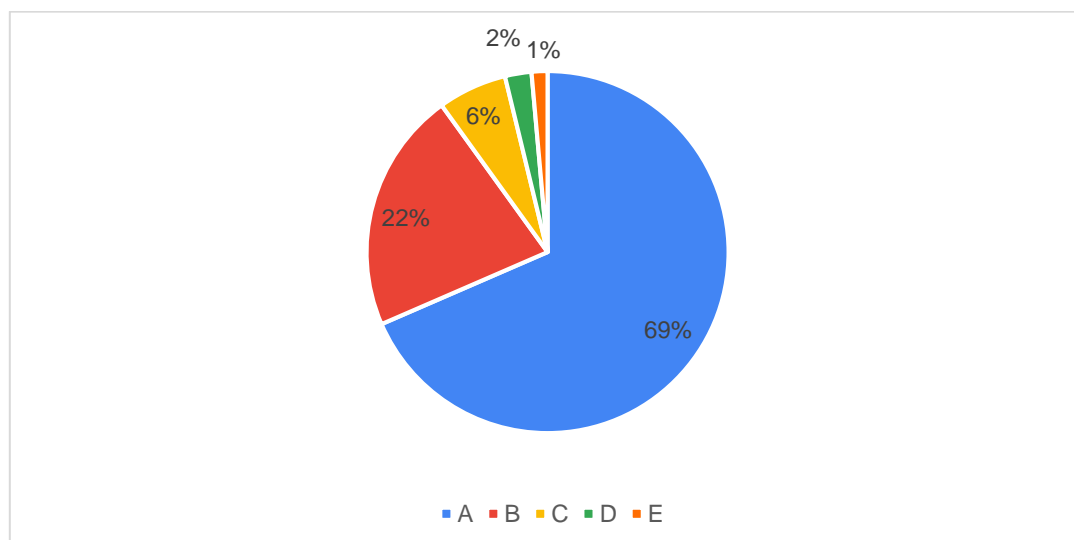


Fig 13. Representation of criterion 13 in pie chart.

#### Criterion 14. Fair and un-biased in evaluation process

There is total 422 responses in this component of the feedback analysis. Regarding this component, 251% of the responses are agreed, while 65% are strongly agreed. However, only 5% of the responses remain neutral about this topic while only 2% of the responses do not agree as well as strongly disagreed about this topic. The results are shown in Fig. 14.

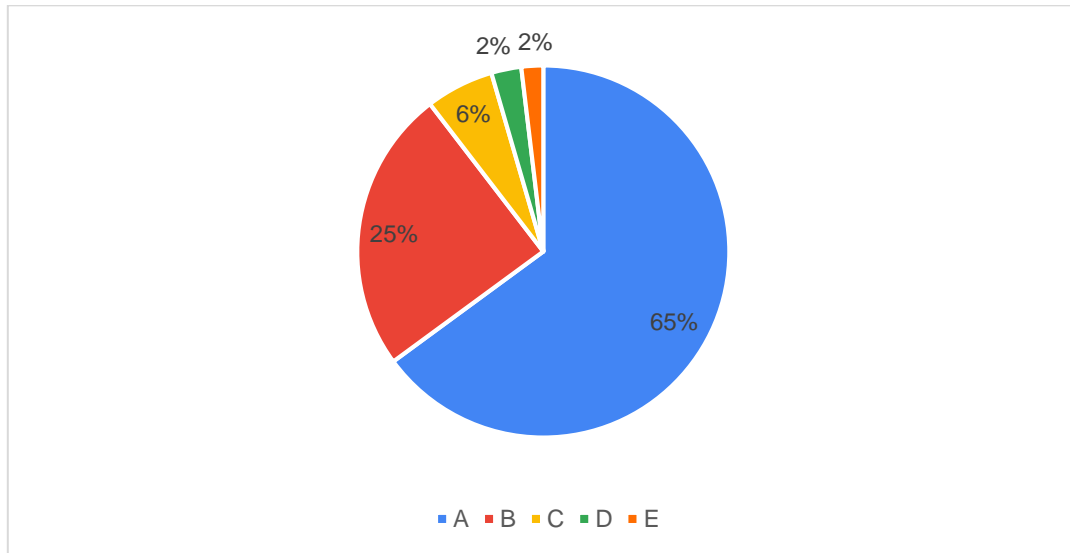


Fig 14. Criterion 14 in pie diagram.

#### Criterion 15. Encourages to think creatively and search for additional materials

There is a total of 422 responses in this topic. The results are plotted in Fig. 15. It shows that 20% of the responses are agreed and 67% of the responses are strongly agreed that the instructor encourages to think creatively and search for additional materials, On the other hand, 9% of the responses remain neutral and 3% of the responses are not agreed about this topic while only 1% of the responses are strongly disagreed.

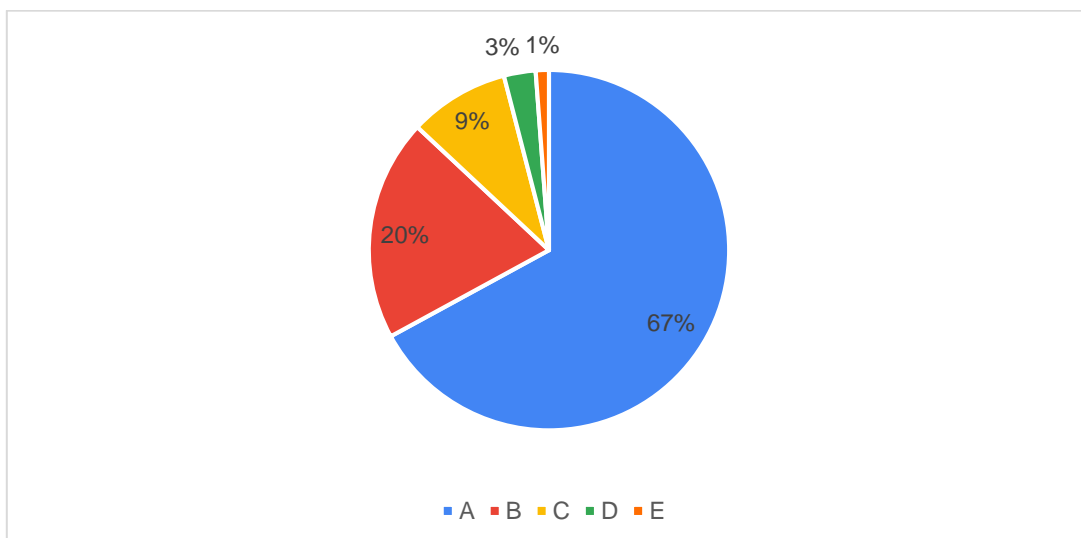


Fig 15. Representation of criterion 15 in pie chart.



### Criterion 16. Scope for independent thinking

There is a total of 422 responses in this component of the feedback analysis. The results shown in Fig. 16 depict that 27% of the responses are agreed about the scope for independent thinking, while 60% are strongly agreed and 9% of the responses remain neutral about this component. On the other hand, only 2% of the responses are not agreed as well as strongly disagreed about this topic.

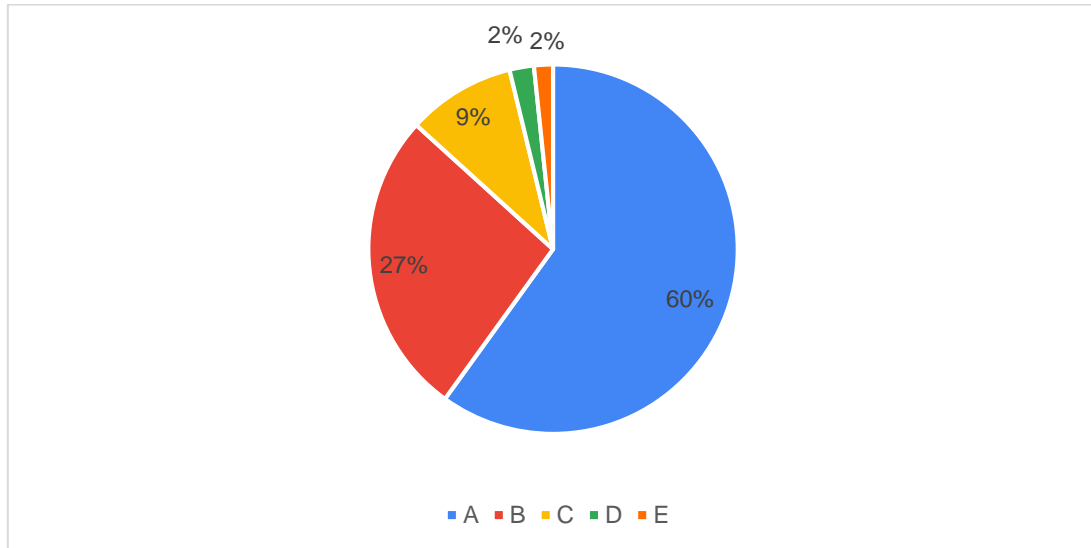


Fig. 16: Depiction of criterion 16 in pie chart.

### Criterion 17. Others (please specify)

There is a total of 255 responses in this component of the feedback analysis. Regarding this component, 47% of the responses are agreed, while 50% are strongly agreed about the different questionnaires as specified in feedback responses. However, only 12% of the responses remain neutral about this topic and 2% of the responses do not agree as well as strongly disagreed about this topic. The results are shown in Fig. 17.

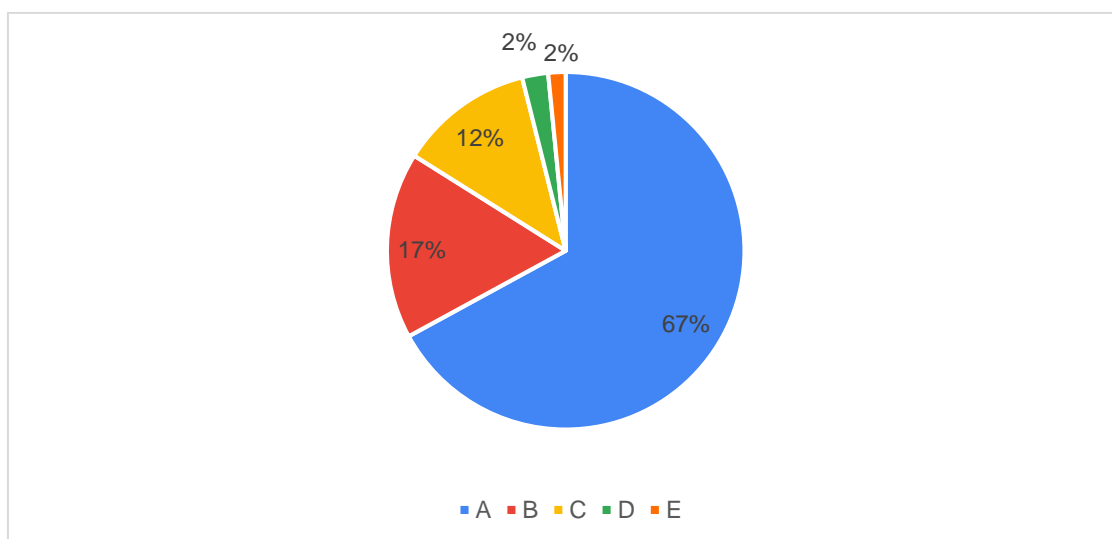


Fig 17. Criterion 17 in pie diagram.

### Criterion 18: Overall effectiveness of the Instructor/Teacher

There is total 422 responses in this component of the feedback analysis. The results shown in Fig. 16 depicts the overall effectiveness of the Instructor/Teacher. It shows that that 24% of the responses are agreed about the overall effectiveness of the Instructor/Teacher, while 63% are strongly agreed. On the other hand, 9% of the responses remain neutral about this topic and only 2% of the responses are not agreed as well as strongly disagreed about this topic.

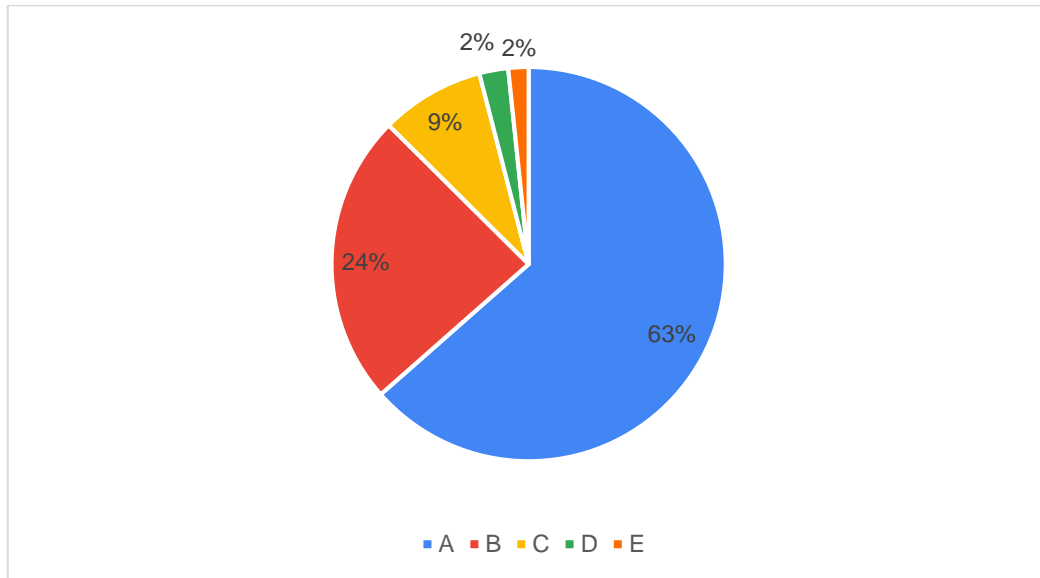


Fig 18. Representation of criterion 18 in pie chart.

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