

Department of Mechanical Engineering
Tezpur University

Analysis of Students' Feedback, 2023_Spring : Teaching Learning Components

Programme: B.Tech. and M.Tech. (Mechanical Engineering)

The feedback from the students has been collected in a 5-point scale ranging from 1 (strongly disagreed) to 5 (strongly agreed). Total number of respondents is 422. Since the number of respondents' semester wise is very less, analysis is not possible at semester level. Hence, analysis has been conducted considering all the semester together. 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 pie chart according to the different aspects teaching learning components of the department.

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

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

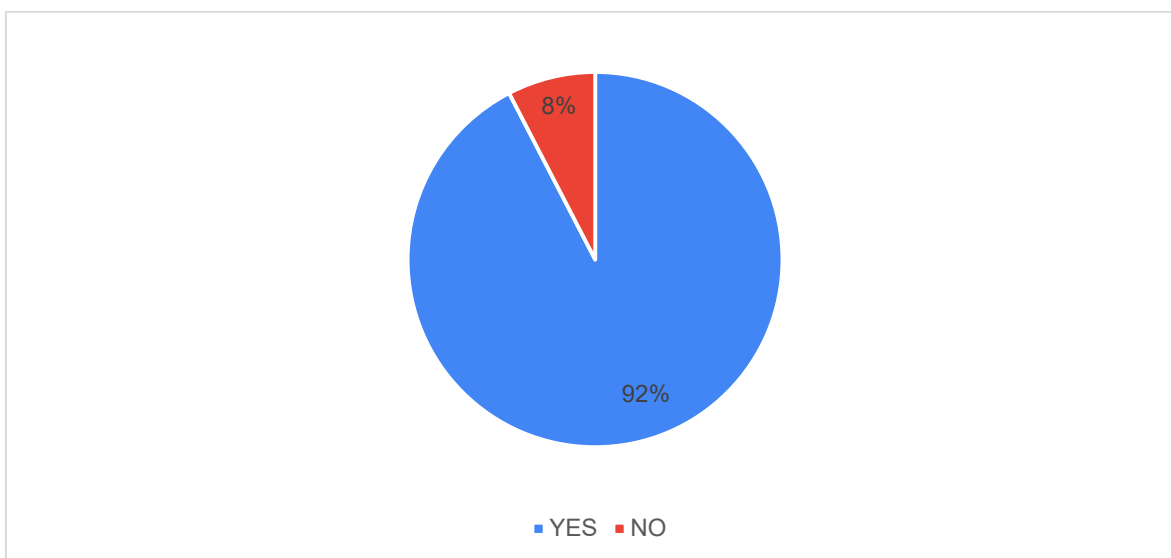


Fig 1. Representation of criterion 1 in pie chart.

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

There is total 414 respondents in this question. Regarding organisation of the course in the lesson plan, 67% of the respondents are strongly agreed, and 22% of the respondents are agreed, 7% of the

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respondents remain neutral, 3% of the respondents are disagreed and only 1% of the respondents regarding organisation of the course in the lesson plan. The results are plotted in Fig. 2.

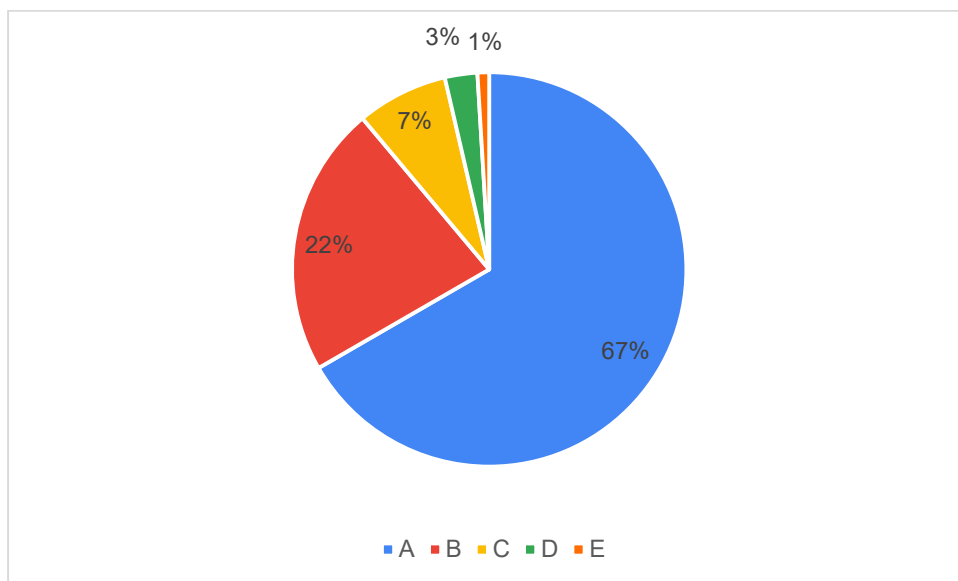


Fig 2. Criterion 2 in pie diagram

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

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

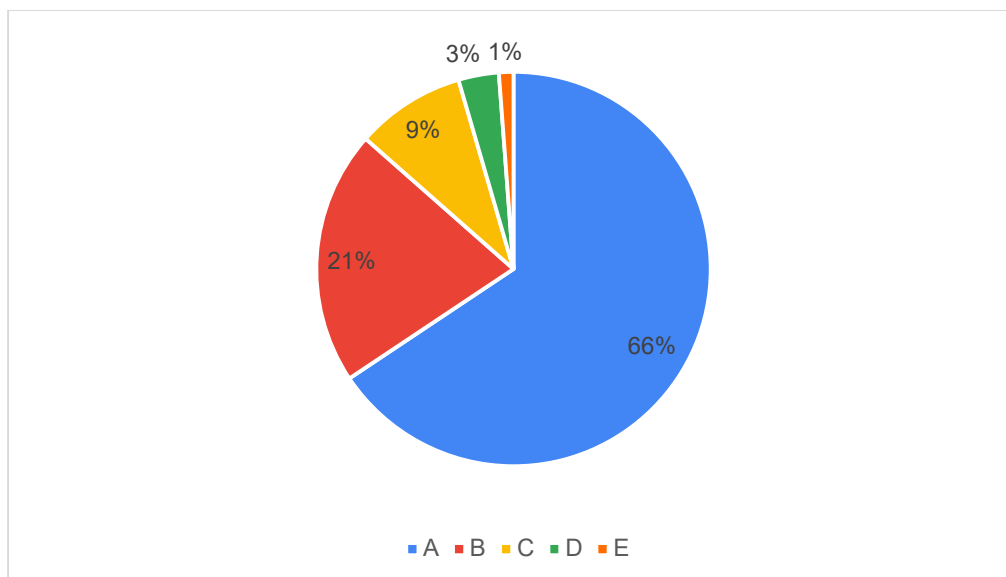


Fig. 3: Depiction of criterion 3 in pie chart.

Criterion 4. Emphasis on fundamentals:

There is total 422 respondents in this component of the feedback analysis. Regarding on this

component, 22% of the respondents are agreed, while 62% of the respondents are strongly agreed. However, 11% of the respondents remain neutral, 4% of the respondents are not agreed about this topic and only 1% of the respondents are strongly disagreed. The results are plotted in Fig. 4.

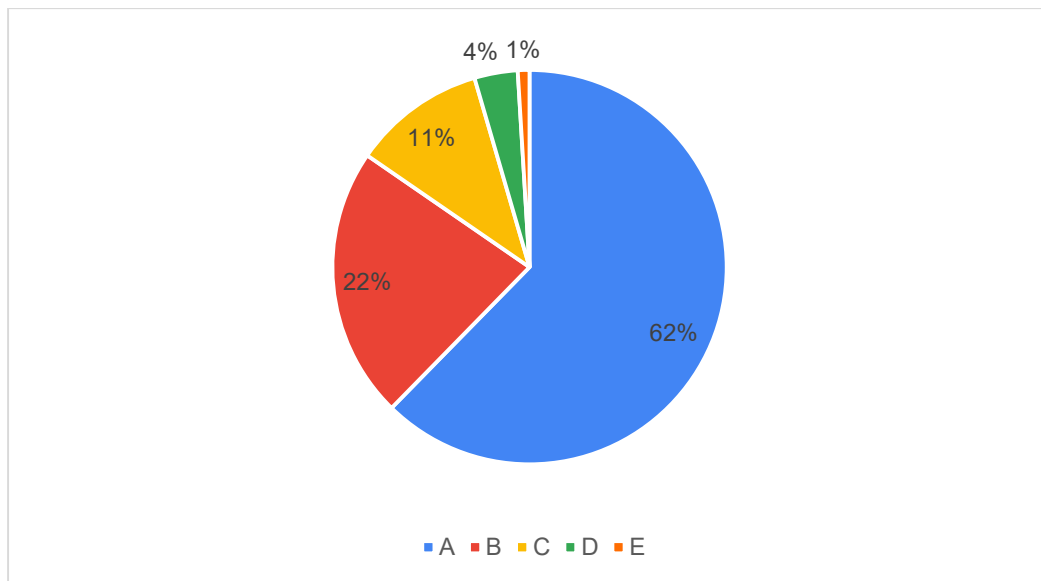


Fig. 4: Criterion 4 in pie diagram.

Criterion 5. Session on problem solving:

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

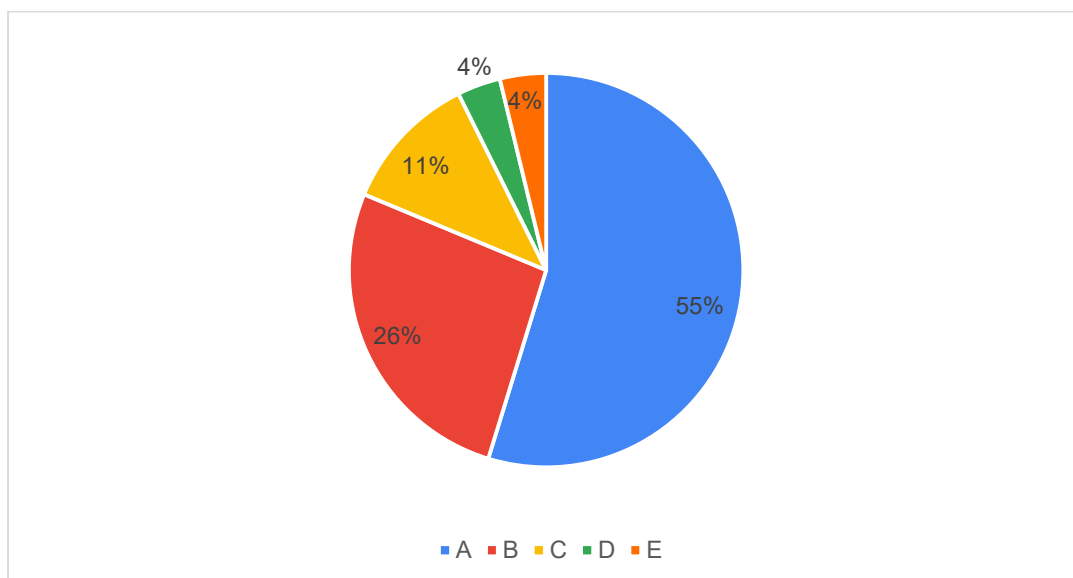


Fig. 5: Representation of criterion 5 in pie chart.

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Criterion 6. Availability of text books/study materials:

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

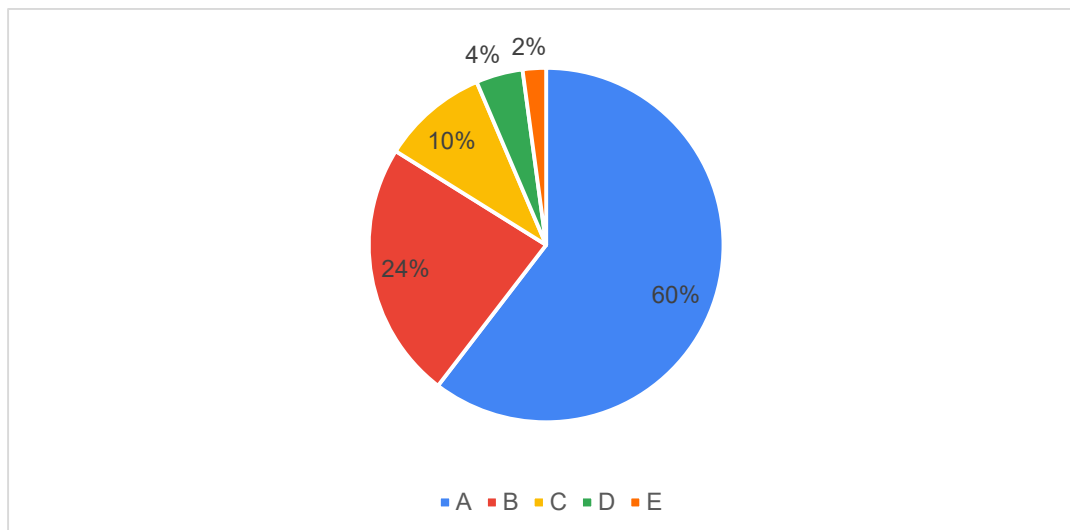


Fig. 6: Representation of criterion 6 in pie chart.

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

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

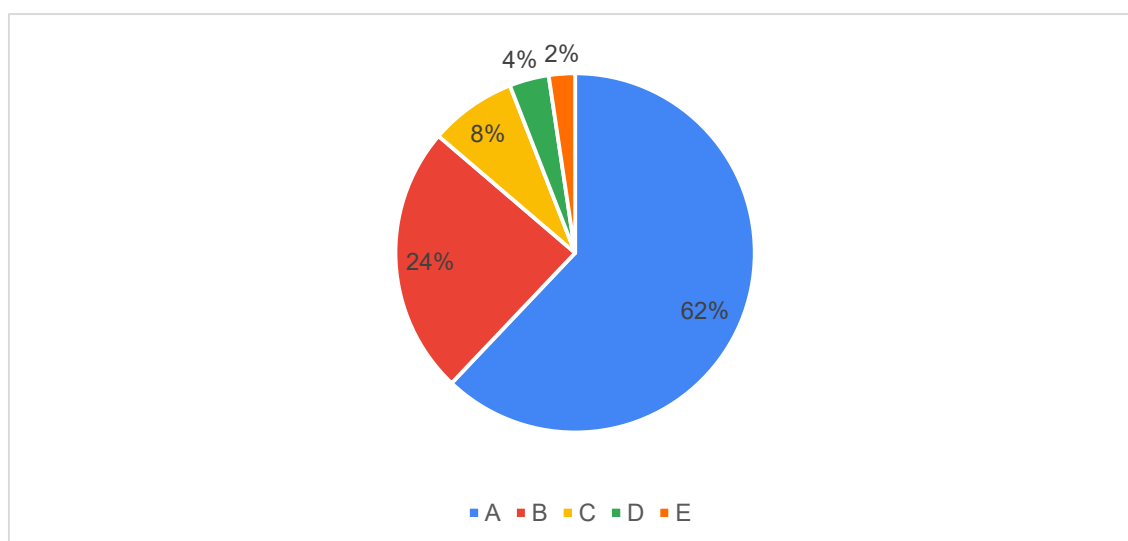


Fig 7. Criterion 7 in pie diagram.

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Criterion 8. Overall rating of the course :

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

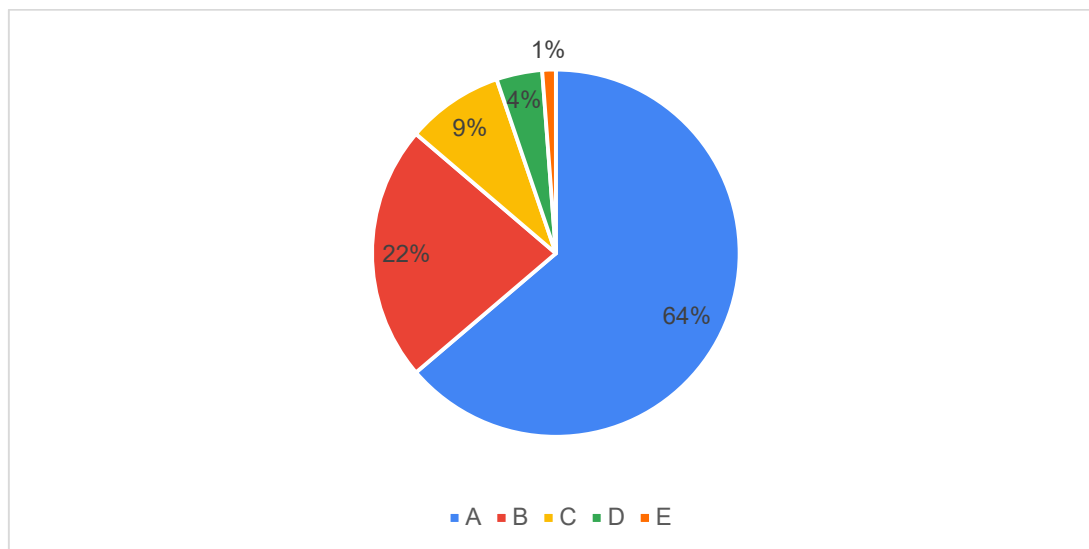


Fig 8. Criterion 8 in pie diagram.

Criterion 9. Pace of teaching:

There is total 422 respondents in this component of the feedback analysis. To obtain overall picture of the respondents 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 respondents are agreed, while 63% are strongly agreed. However, only 8% of the respondents remain neutral about this topic, 3% of the respondents are not agreed and 2% are strongly disagreed.

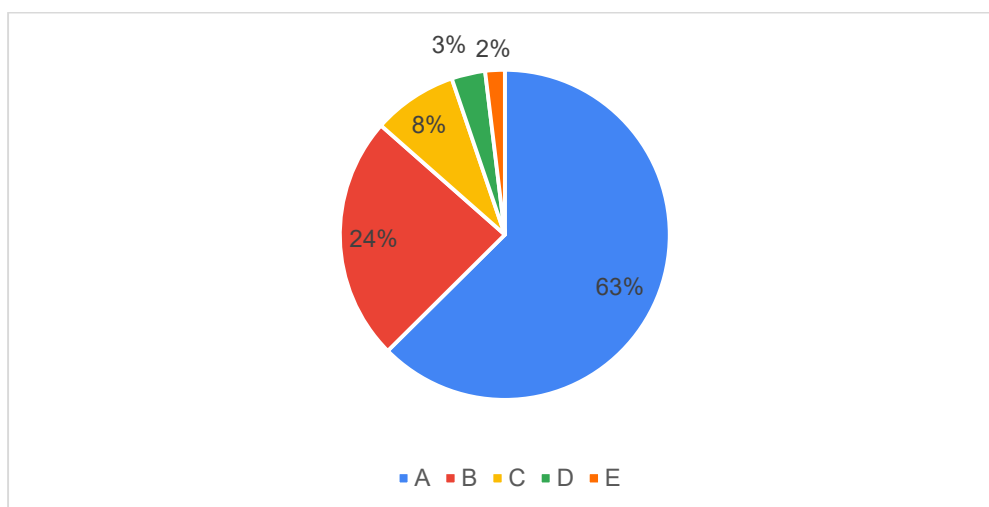


Fig. 9: Representation of criterion 9 in pie chart.

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Criterion 10. Clarity of expression:

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

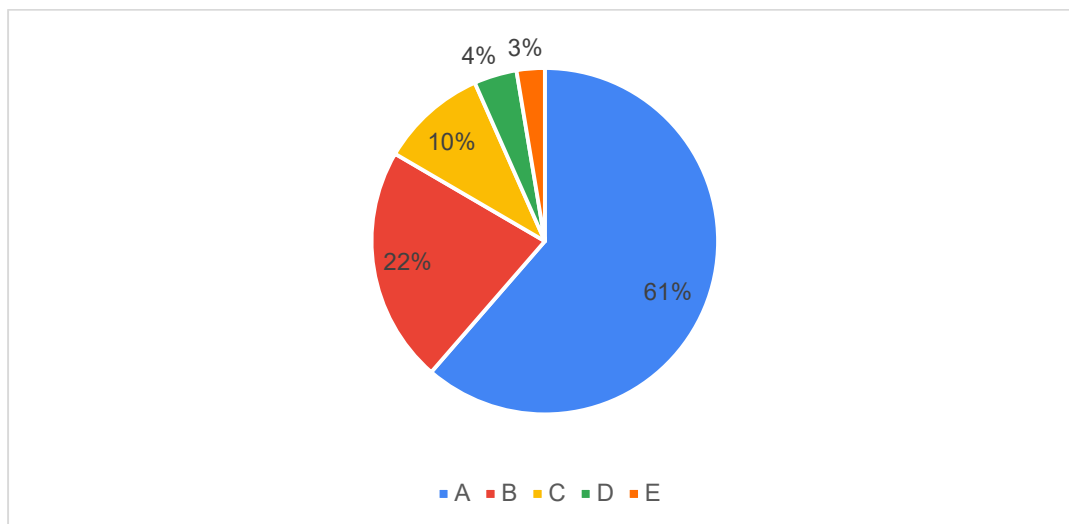


Fig. 10: Depiction of criterion 10 in pie chart.

Criterion 11. Accessibility outside the class:

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

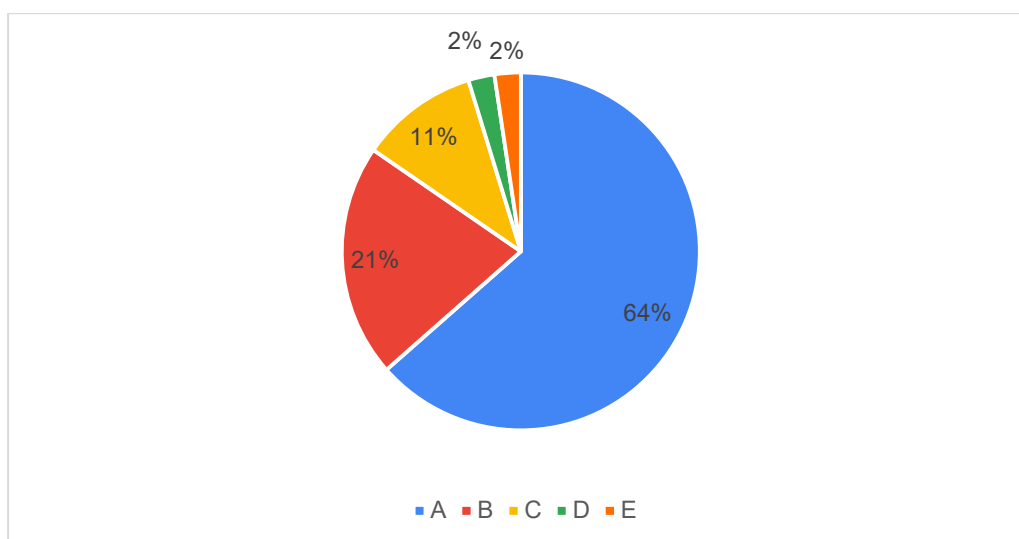


Fig. 11: Criterion 11 in pie diagram.

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

There is total 422 respondents 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 respondents are agreed that it was achieved, while 73% of the respondents are strongly agreed, 8% of the respondents remain neutral and only 1% of the respondents are not agreed as well as strongly disagreed about this topic. The results are plotted in Fig. 12.

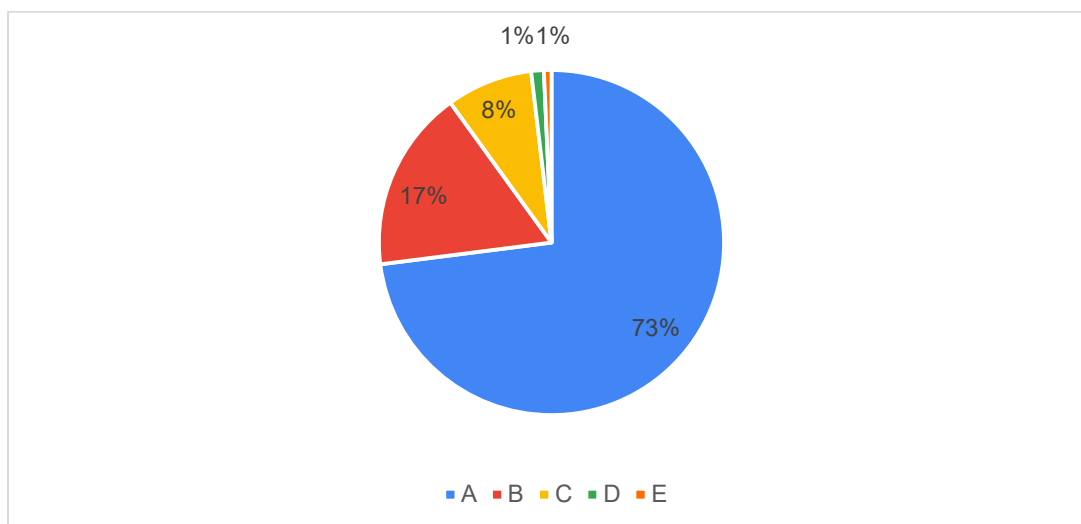


Fig. 12: Depiction of criterion 12 in pie chart.

Criterion 13. Questions and discussions are encouraged.

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

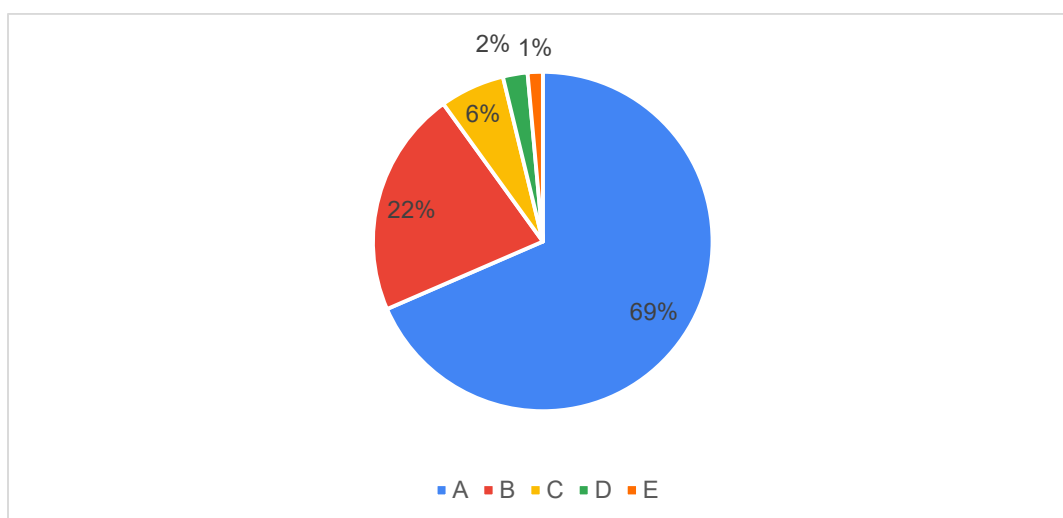


Fig 13. Representation of criterion 13 in pie chart.

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Criterion 14. Fair and un-biased in evaluation process

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

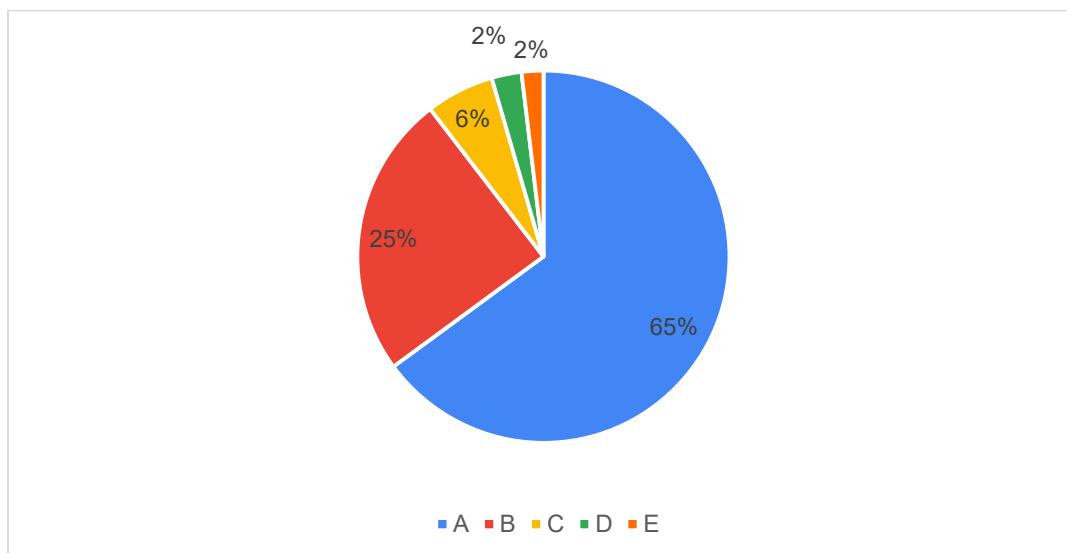


Fig 14. Criterion 14 in pie diagram.

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

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

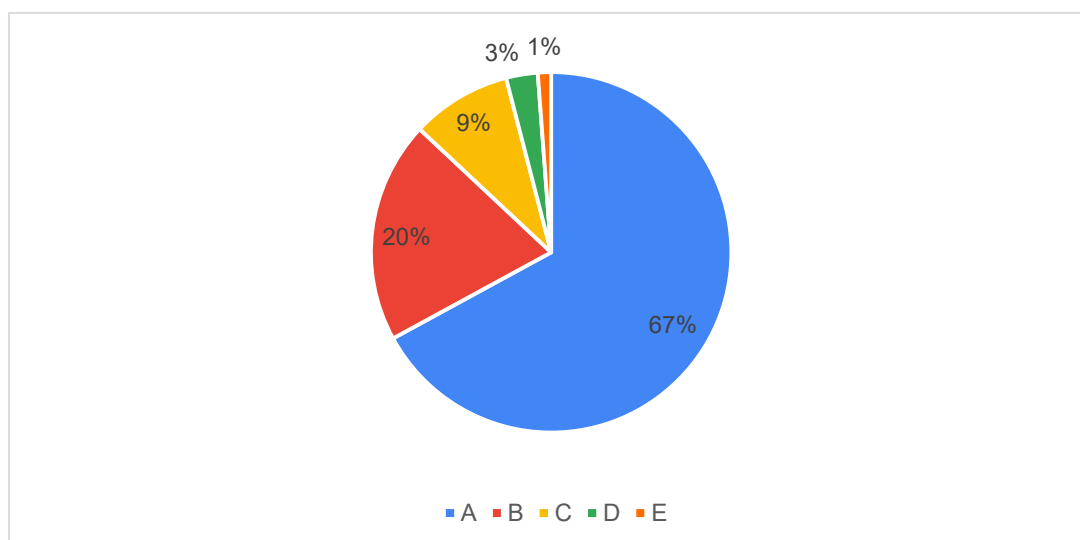


Fig 15. Representation of criterion 15 in pie chart.

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Criterion 16. Scope for independent thinking

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

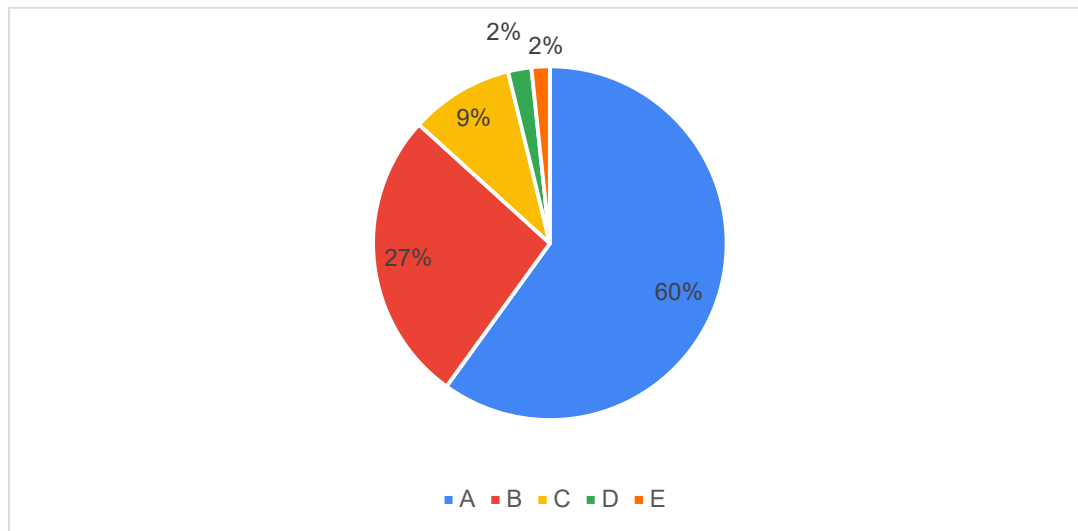


Fig. 16: Depiction of criterion 16 in pie chart.

Criterion 17. Others (please specify)

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

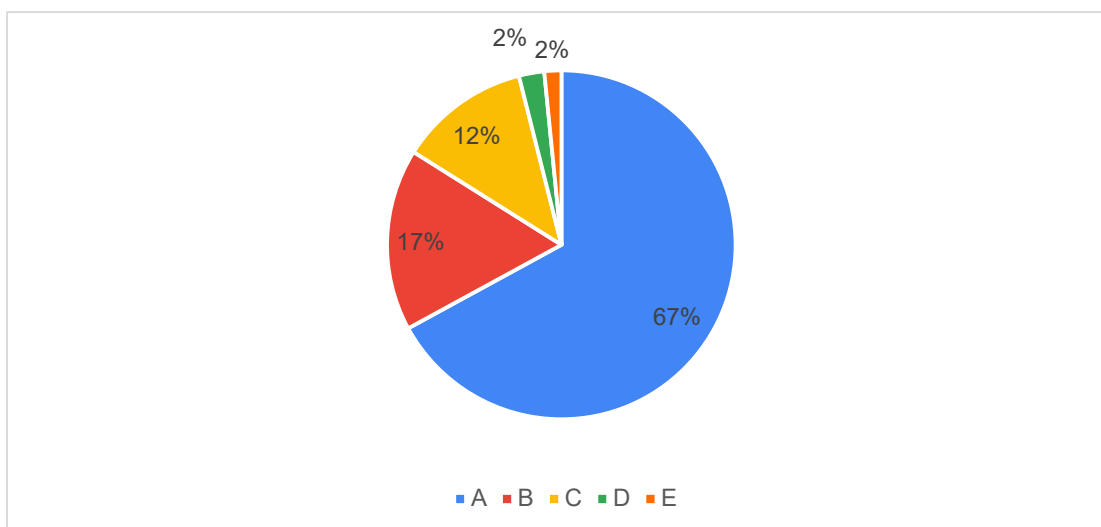


Fig 17. Criterion 17 in pie diagram.

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Criterion 18: Overall effectiveness of the Instructor/teacher

There is total 422 respondents 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 respondents are agreed about the overall effectiveness of the Instructor/teacher, while 63% are strongly agreed. On the other hand, 9% of the respondents remain neutral about this topic and only 2% of the respondents are not agreed as well as strongly disagreed about this topic

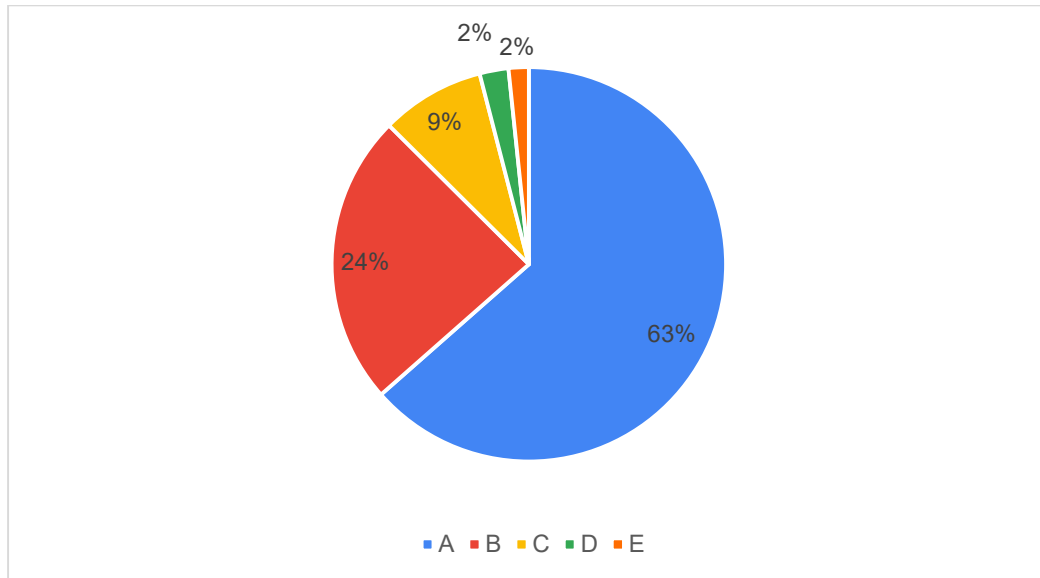


Fig 18. Representation of criterion 18 in pie chart.

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