

**Department of Mechanical Engineering
Tezpur University**

Analysis of Students' Feedback, 2021_Spring : Teaching Learning Components

Programme: B.Tech.

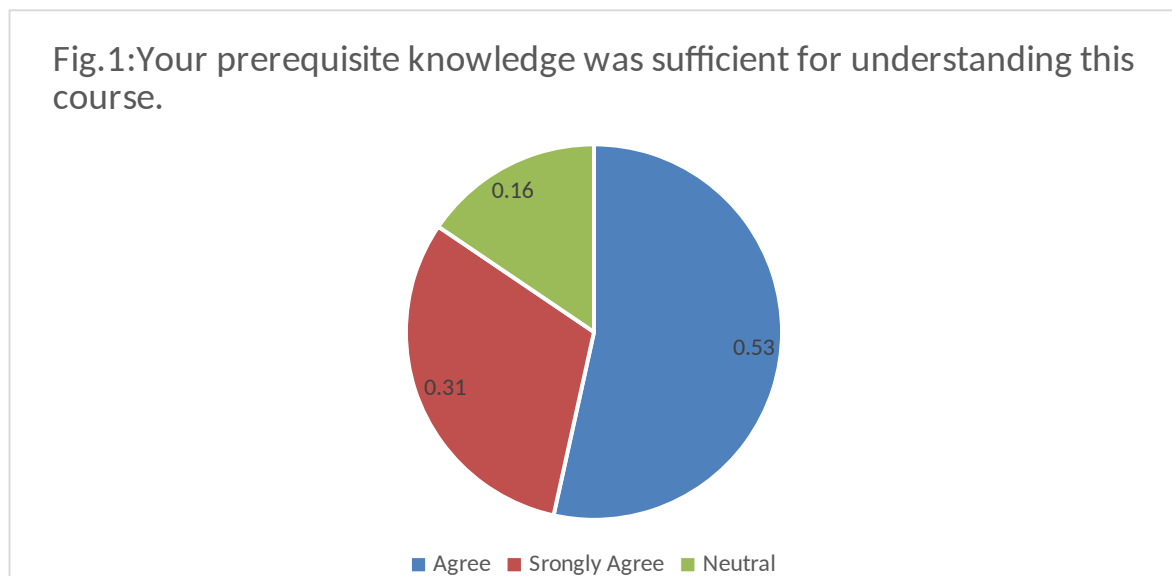
The feedback from the students has been collected in a 10-point scale ranging from 1 (strongly disagreed) to 10 (strongly agreed). Total number of respondents is 60. Since the number of respondents' semester wise is very less, analysis is not possible at semester level. Hence, analysis has been conducted considering all the semester together. For better comparison of the responses, 10-point scale has been grouped into following three categories:

Scale	Category
1 to 2	Strongly disagreed
3 to 4	Disagreed
5 to 6	Neutral
6 to 7	Agreed
8 to 10	Strongly agreed

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

1. Prerequisite knowledge was sufficient for understanding this course of classes:

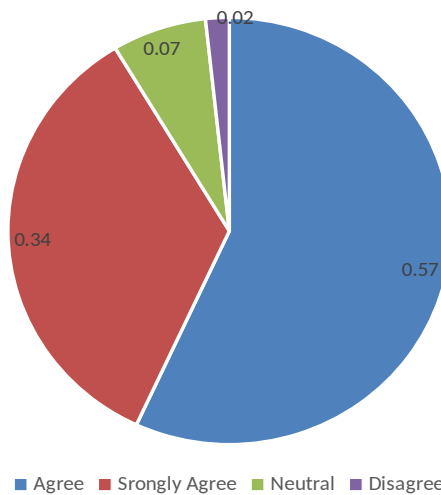
There is total 58 respondents in this component of the feedback analysis. Regarding prerequisite knowledge for understanding this course of classes, 53% of the respondents are agreed, while 31% of the respondents are strongly agreed, and 16% of the respondents remain neutral in this component. The results are plotted in Fig. 1.



2. The course was relevant in relation to the program of study:

There is total 58 respondents in this topic. Regarding relevant of the course in relation to the program of study, 57% of the respondents are agreed, and 34% of the respondents are strongly agreed, 7% of the respondents remain neutral and only 2% of the respondents are disagreed regarding relevant of the course in relation to the program of study. The results are plotted in Fig. 2.

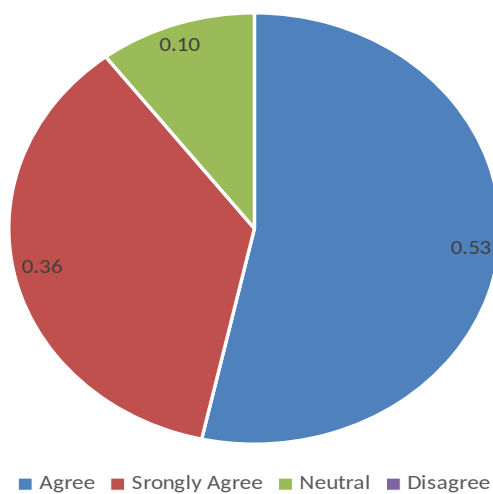
Fig.2:The course was relevant in relation to the program of study.



3. Topics/ units were logically sequenced in the syllabus:

There is total 58 respondents in this component of the feedback analysis. The results shown in Fig. 3 depicts that 54% of the respondents are agreed about the Topics/ units were logically sequenced in the syllabus, while 36% are strongly agreed and 10% remain neutral in this component.

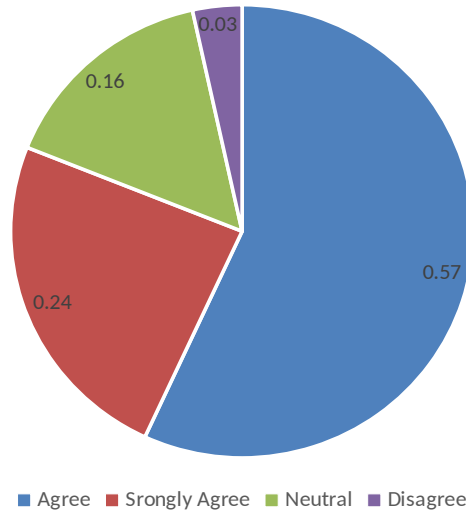
Fig.3:Topics/ units were logically sequenced in the syllabus.



4. The course is relevant to the society and real-life application.

There is total 58 respondents in this component of the feedback analysis. Regarding on this component, 57% of the respondents are agreed, while 24% of the respondents are strongly agreed, However, 16% of the respondents remain neutral and only 3% Of the respondents are not agreed about this topic. The results are plotted in Fig. 4.

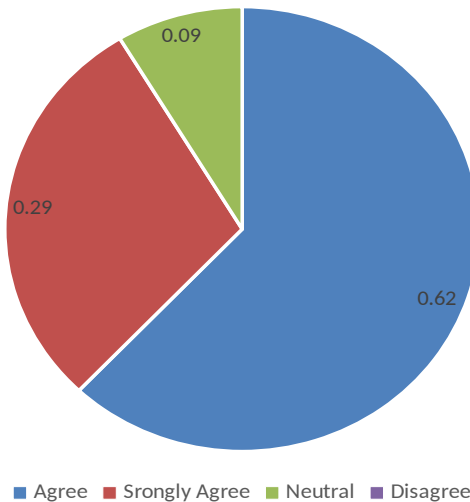
Fig.4: The course is relevant to the society and real life application.



5. Course contents fulfilled the targeted outcomes (course outcome)

There is total 58 respondents in this component of the feedback analysis. Fig. 5 shows that 62% of the respondents are agreed and 29% of the respondents are strongly agreed, while 9% of the respondents remain neutral agreed about this topic. The results are plotted in Fig. 5.

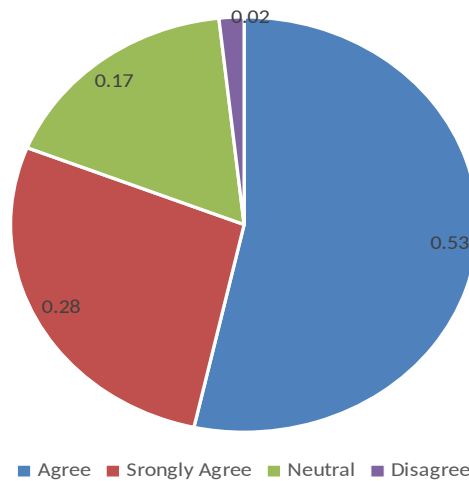
Fig.5: Course contents fulfilled the targeted outcomes (course outcome).



6. The course is suitable in terms of employability.

There is total 58 respondents in this component of the feedback analysis. In case of suitability of the course in terms of employability, 53% of the respondents are agreed and 28% of the respondents are strongly agreed. However, 17% of the respondents remain neutral and only 2% of the respondents are not agreed about this topic. The results are plotted in Fig. 6.

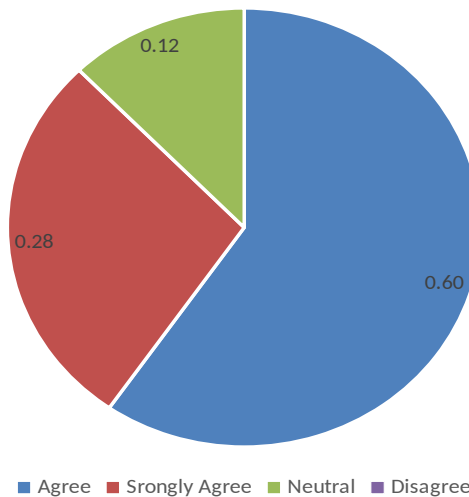
Fig.6: The course is suitable in terms of employability.



7. The course fulfils the expectations in knowledge up-gradation

There is total 57 respondents in this component of the feedback analysis. Regarding this component, 60% of the respondents are agreed, while 28% are strongly agreed. However, only 12% of the respondents remain neutral about this topic. During this semester the online mode of teaching was the only option due to the pandemic situation and both teachers and students faced the difficulty initially to familiarise with the new system. The results are shown in Fig. 7.

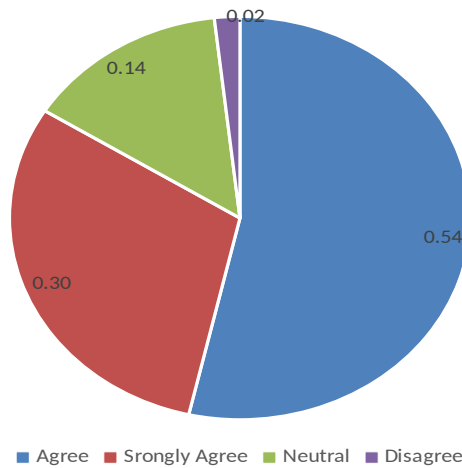
Fig.7: The course fulfils the expectations in knowledge up-gradation



8. Tutorial classes were more relevant for the course

There is total 56 respondents in this component of the feedback analysis. Fig. 8 shows that 54% of the respondents are agreed and 30% of the respondents are strongly agreed that the tutorial classes were more relevant for the course and 14% of the respondents remain neutral. On the other hand, only 2% of the respondents are not agreed about this topic. The results are plotted in Fig. 8.

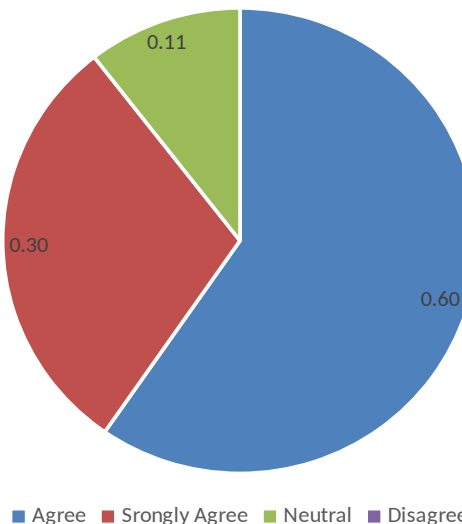
Fig.8: Tutorial classes were more relevant for the course.



9. Course contents were appropriate to credit assigned.

There is total 57 respondents in this component of the feedback analysis. To obtain overall picture of the respondents regarding all the components of Course contents were appropriate to credit assigned, Pie chart has been prepared for each component. The results are shown in Fig. 9. The results indicate that 60% of the respondents are agreed, while 30% are strongly agreed. However, only 12% of the respondents remain neutral about this topic. Thus, the results clearly indicate that the respondents to a significant extent are agreed with all the components of this topic of the department.

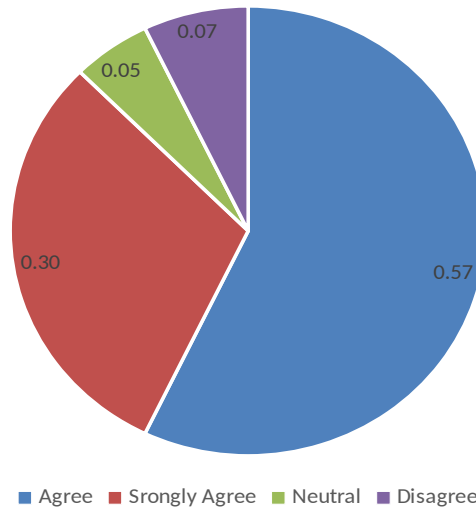
Fig.9: Course contents were appropriate to credit assigned.



10. Course is having the scope for team based learning.

There is total 56 respondents in this component of the feedback analysis. The results shown in Fig. 10 depicts that 57% of the respondents are agreed about the scope of the course for team-based learning, while 31% are strongly agreed and 5% of the respondents remain neutral. On the other hand, only 7% of the respondents are not agreed about this component.

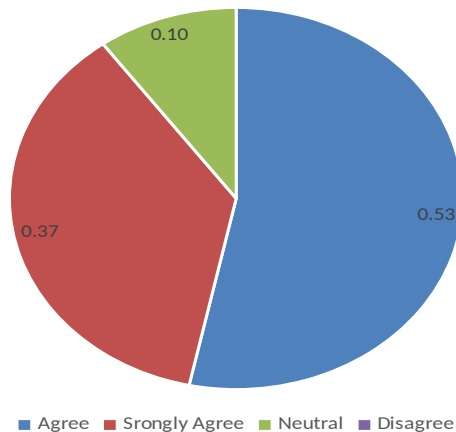
Fig.10: Course is having the scope for team based learning.



11. Lesson plan was followed meticulously:

There is total 60 respondents in this component of the feedback analysis. Regarding on this topic, 53% of the respondents are agreed and 37% of the respondents are strongly agreed, 10% of the respondents remain neutral and only 3% Of the respondents are not agreed about this topic. The results are plotted in Fig. 11.

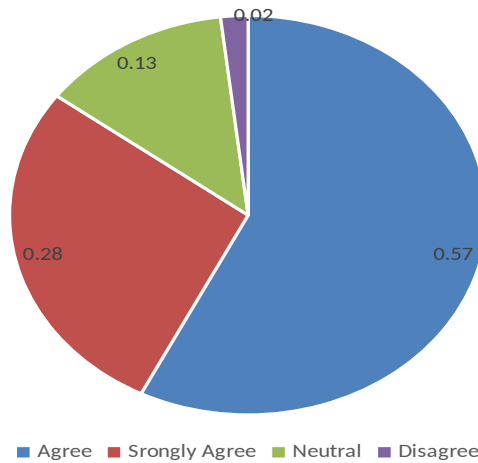
Fig.11: Lesson plan was followed meticulously.



12. Predefined outcomes of the course were achieved.

There is total 54 respondents in this component of the feedback analysis. In case of predefined outcomes of the course, 57% of the respondents are agreed that it was achieved, while 28% of the respondents are strongly agreed, 13% of the respondents remain neutral and only 2% Of the respondents are not agreed about this topic. The results are plotted in Fig. 12.

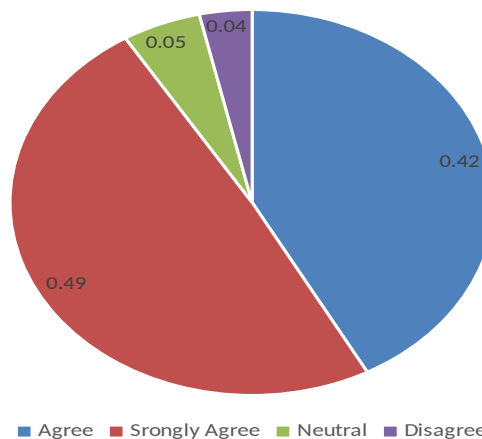
Fig.12: Predefined outcomes of the course were achieved.



13. Instructor was well prepared for classes.

There is total 57 respondents in this component of the feedback analysis. Fig. 13 shows that 42% of the respondents are agreed, while 49% of the respondents are strongly agreed about this component and 5% of the respondents remain neutral. On the other hand, only 4% of the respondents are not agreed about this topic.

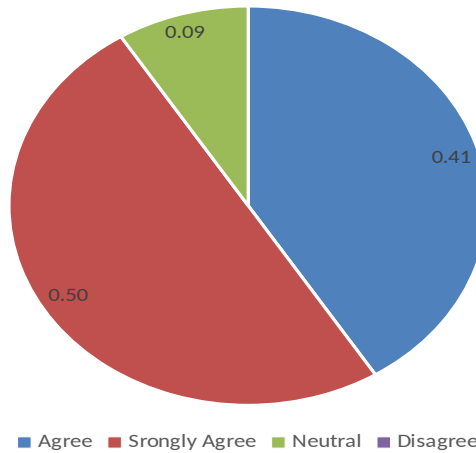
Fig.13: Instructor was well prepared for classes.



14. Instructor has clarity in communication of subject matter.

There is total 56 respondents in this component of the feedback analysis. Regarding this component, 41% of the respondents are agreed, while 50% are strongly agreed. However, only 9% of the respondents remain neutral about this topic. The results are shown in Fig. 14.

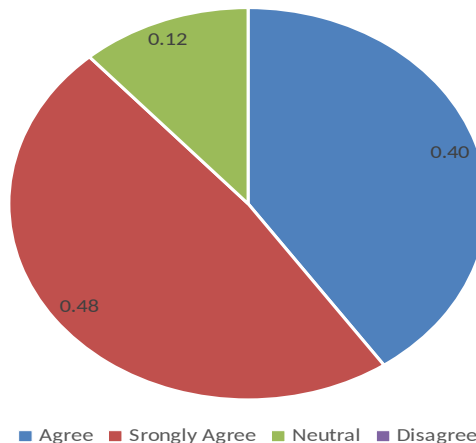
Fig.14: Instructor has clarity in communication of subject matter.



15. Instructor is accessible and approachable outside the class.

There is total 52 respondents in this topic. The results are plotted in Fig. 15. It shows that 40% of the respondents are agreed and 48% of the respondents are strongly agreed that the instructor is accessible and approachable outside the class tutorial classes, On the other hand, 12% of the respondents remain neutral about this topic.

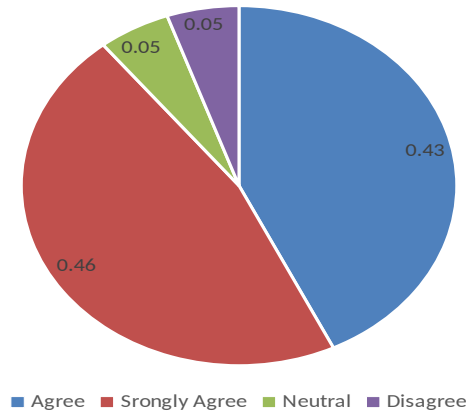
Fig.15: Instructor is accessible and approachable outside the class.



16. Instructor maintains regularity and punctuality in class as per Time-table.

There is total 56 respondents in this component of the feedback analysis. The results shown in Fig. 16 depicts that 43% of the respondents are agreed about the regularity and punctuality of the instructor in class as per Time-table, while 48% are strongly agreed and 12% of the respondents remain neutral about this component.

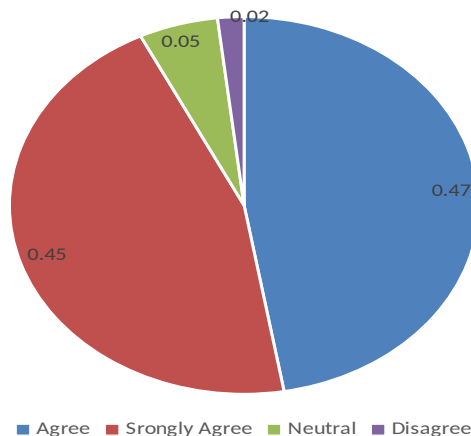
Fig.16: Instructor maintains regularity and punctuality in class as per Time-table.



17. Instructor encouraged questions and discussions during class

There is total 55 respondents in this component of the feedback analysis. Regarding this component, 47% of the respondents are agreed, while 50% are strongly agreed. However, only 9% of the respondents remain neutral about this topic. The results are shown in Fig. 17.

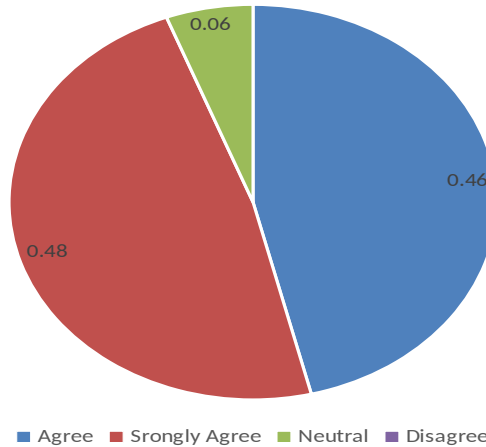
Fig.17: Instructor encouraged questions and discussions during class.



18. Instructor followed fair and un-biased evaluation process.

There is total 52 respondents in this component of the feedback analysis. Fig. 18 shows that 46% of the respondents are agreed, while 48% of the respondents are strongly agreed about this component and 6% of the respondents remain neutral about this topic.

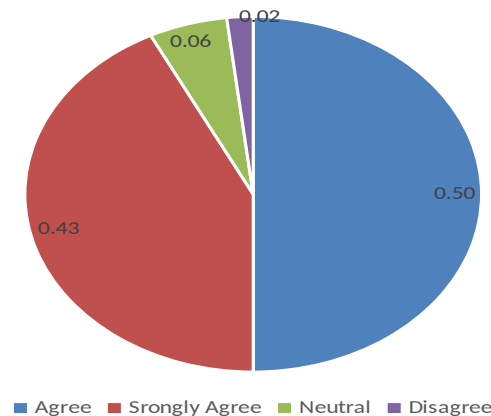
Fig.18: Instructor followed fair and un-biased evaluation process.



19. Instructor encourages to think creatively and search for additional materials.

There is total 54 respondents in this component of the feedback analysis. The results shown in Fig. 19 depicts that 50% of the respondents are agreed about this component, while 43% are strongly agreed and 5% of the respondents remain neutral. On the other hand, only 2% of the respondents are not agreed about this component.

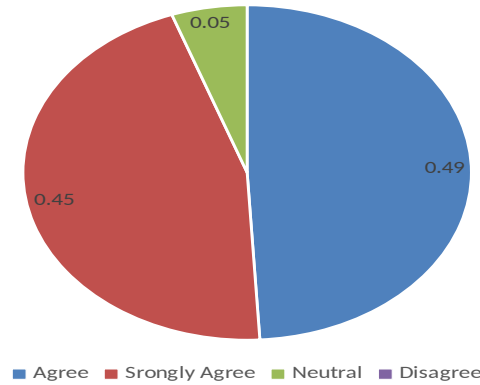
Fig.19: Instructor encourages to think creatively and search for additional materials.



20. Instructor regularly discusses the performance of test, assignments & examinations.

There is total 55 respondents in this component of the feedback analysis. Regarding this component, 49% of the respondents are agreed, while 45% of the respondents are strongly agreed and 6% of the respondents remain about this topic. The results are plotted in Fig. 20.

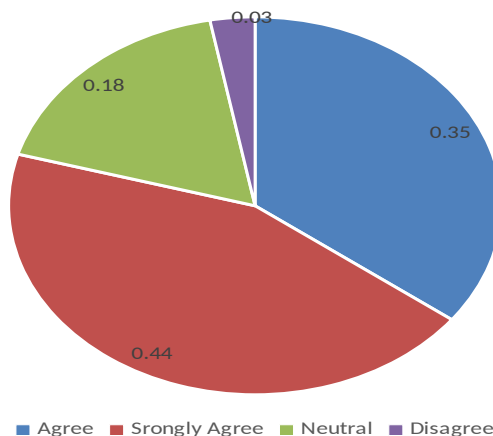
Fig.20: Instructor regularity discusses the performance of test, assignments & examinations.



21. Adequate number of ICT enabled classrooms are available.

There is total 34 respondents in this component of the feedback analysis. The results shown in Fig. 21 depicts that 43% of the respondents are agreed about the availability of adequate number of ICT enabled classrooms, while 44% are strongly agreed and 18% of the respondents remain neutral about this component. On the other hand, only 3% Of the respondents are not agreed about this component.

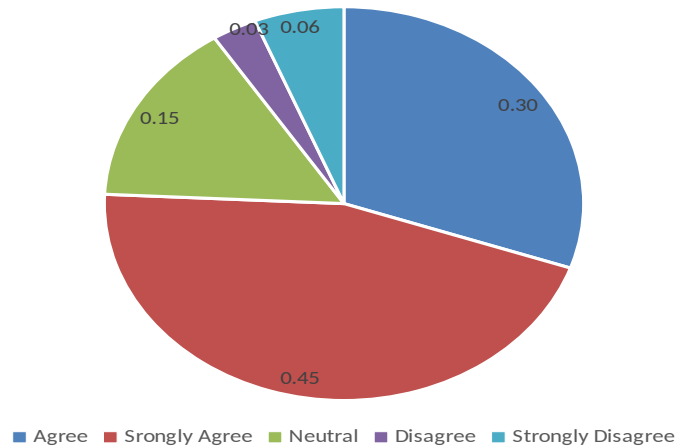
Fig21: Adequate number of ICT enabled classrooms are available.



22. The laboratory facilities are well equipped

There is total 33 respondents in this component of the feedback analysis. Regarding facilities of laboratories, 30% of the respondents are agreed that laboratories are well equipped, while 46% of the respondents are strongly agreed, 15% of the respondents remain neutral. On the other hand, only 3% of the respondents are disagreed and 6 % are strongly disagreed of this component. The results are plotted in Fig. 22.

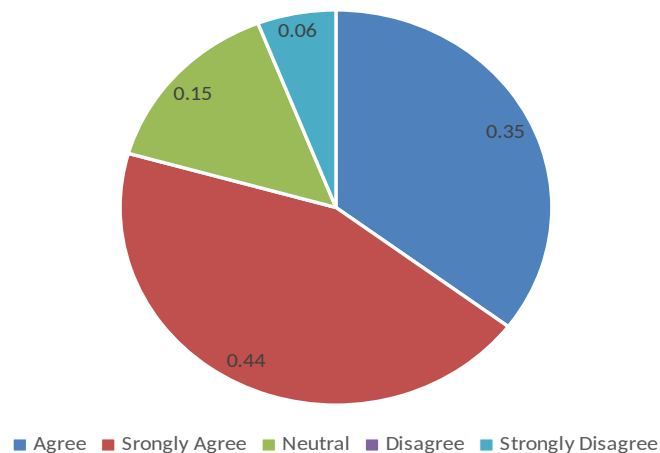
Fig.22: The laboratory facilities are well equipped.



23. As per the requirement of the course-curriculum, adequate computational facilities are available.

There is total 34 respondents in this component of the feedback analysis. Fig. 23 shows that 35% of the respondents are agreed, while 44% of the respondents are strongly agreed about this component and 15% of the respondents remain neutral about this topic. On the other hand, only 6% of the respondents are strongly disagreed about this component.

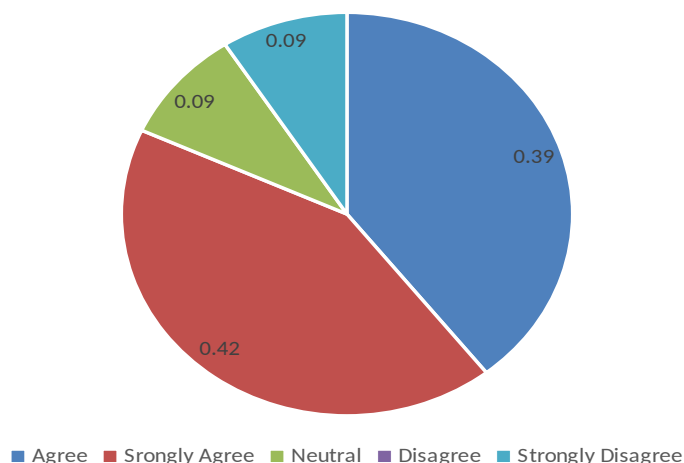
Fig.23: As per the requirement of the course-curriculum, adequate computational facilities are available.



24. Basic public amenities (drinking water, washrooms etc.) are available during class hour.

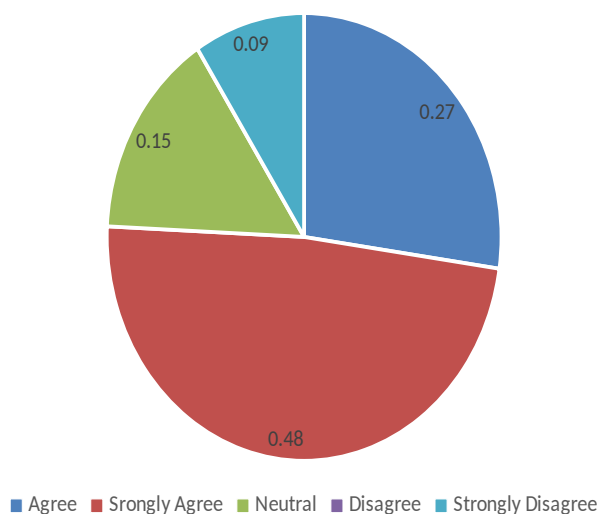
There is total 33 respondents in this component of the feedback analysis. Regarding this component, 39% of the respondents are agreed, while 43% are strongly agreed about the basic public amenities' facilities available during class hours. However, only 9% of the respondents remain neutral and 9% are strongly disagreed about this topic. The results are shown in Fig. 24.

Fig.24: Basic public amenities (drinking water, washrooms etc.) are available during class hour.



25. University library has sufficient number of text books, reference books related to course curriculum.

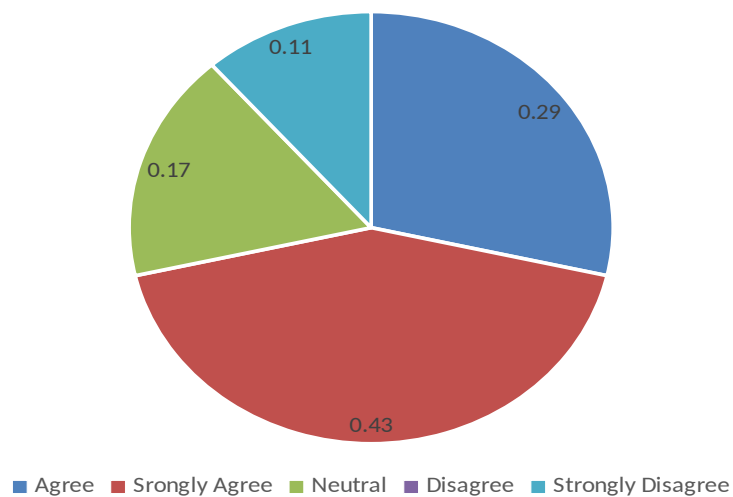
Fig.25: University library has sufficient number of text books, reference books related to course curriculum.



26. University library has access to adequate number of e-resources related to your course curriculum/ project work/ research work.

There is total 35 respondents in this component of the feedback analysis. The results are plotted in Fig. 26. It shows that 29% of the respondents are agreed, while 43% of the respondents are strongly agreed about this component, On the other hand, 17% of the respondents remain neutral and 11% are strongly disagreed about this component of the feedback analysis.

Fig.26: University library has access to adequate number of e-resources related to your course curriculum/ project work/ research work.



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