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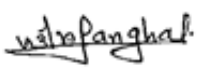
31	Sonika	1916330330	302252
32	Sophia	1916340492	302226
33	Sujata	1916340888	302232
34	Sushma	1816340497	302251
35	Tamanna	2216343005	302242
36	Tamanna	1916341745	302202
37	Yachika	1816350646	302245



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ROHTAK

2023

Field Work Title

"PERCEPTION OF STUDENTS TOWARDS COLLEGE INFRASTRUCTURE AND FACILITIES"

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This is to certify that this file has been prepared under paper **field work (practical)** in partial fulfillment of the Degree of **M.A. geography**. I have duly acknowledged all the sources from which the ideas and extracts have been taken.

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CHAPTER 1

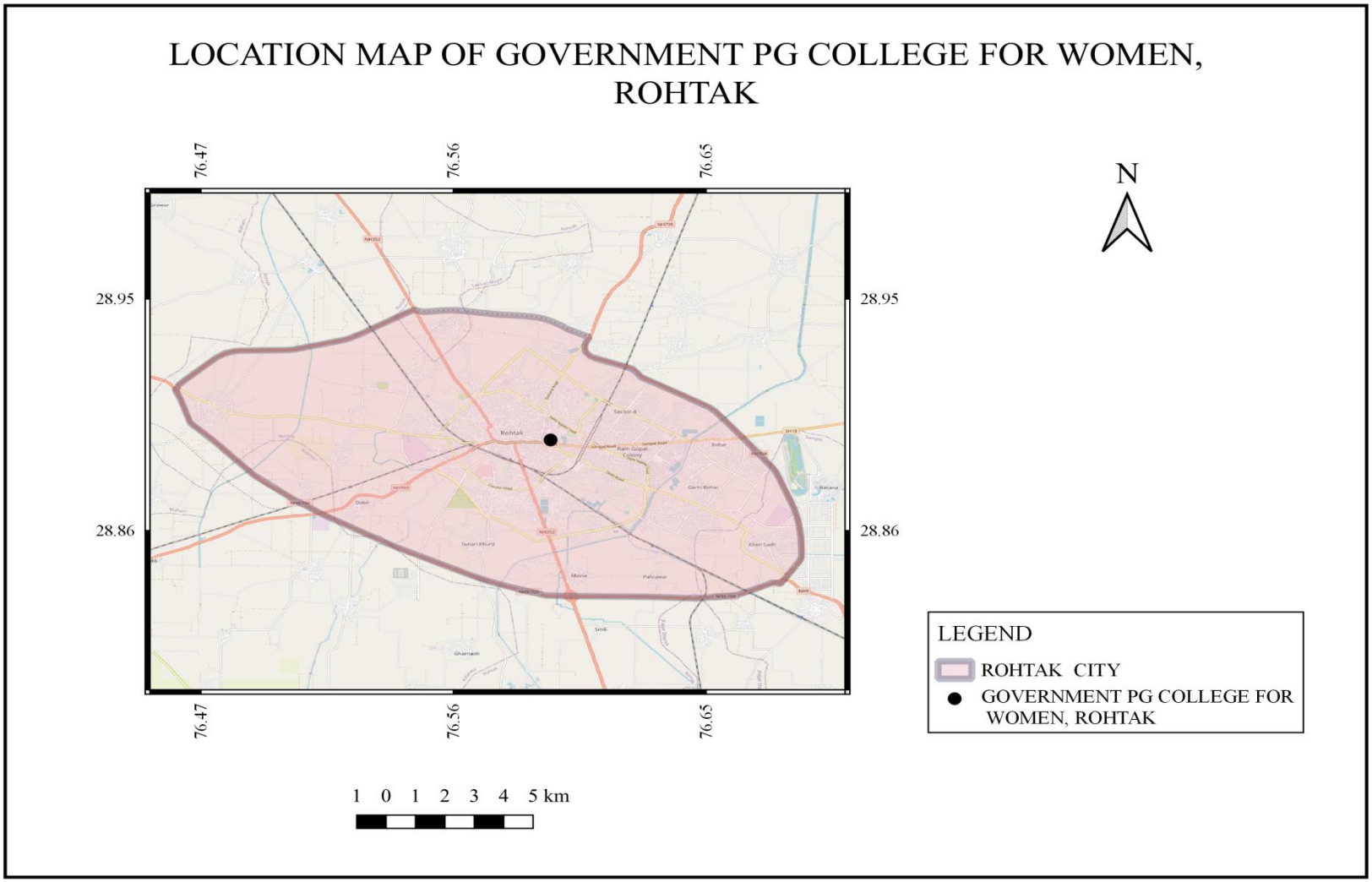
INTRODUCTION

1.1 INTRODUCTION: -

The following file is based on the student's perception. Perception is the look out of an individual towards particular aspects. The perception represents judgment and evaluation of an aspect. The perception of students towards college infrastructure and the facilities college helps in assessing the view point of students towards the college and find out what are the positives and what can be improved.

1.2 STUDY AREA: -

Source: The official site of Government PG College for Women, Rohtak



Map Source: Prepared using QGIS 3.14 software

Government P.G. College for Women is located in Rohtak city, Haryana. It is an '**B++**' Grade accredited (2022) nonpareil higher education college of excellence which caters to the need of higher education of women of the Rohtak city and not only the surrounding but also far flung rural areas of Haryana since its inception in 1959. The college started with only Under Graduate programmes and was not named as a P. G. college even after the college has been offering Master Degree Programme in Computer Science for many years. It was re-designated as a P. G. college in 2017 only after more Masters Programmes were started. At present, there are 204 faculty members and 6507 students enrolled in 14 UG (Honours and Pass course), 6 PG Programmes, and one PG diploma (APGDCA).

The college provides various facilities such as good infrastructure; use of ICT enabled teaching-learning tools and platforms, frequent mentor-mentee meetings, high number of PG programmes in CBCS mode, extra-curricular and extension activities.

1.3 AIM: -

- To assess the perceptions of students towards college infrastructure and facilities of college.
- To highlight the need of infrastructure and other related facilities on the basis of student's perceptions.

1.4 DATA BASE AND METHODOLOGY: -

Data collection is defined as the procedure of collecting, measuring and analyzing accurate insights for research using standard validated techniques. Data collection is the primary and most important step for any survey, irrespectively of the field. Data or data collection is of two types: Primary and Secondary Data collection.

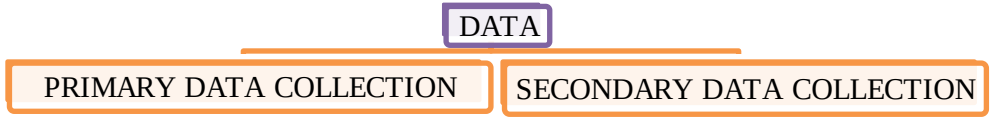


Fig. 1.4.1 A diagrammatical representation of type of data

There are two ways of data collection:-

1.4.1 Primary Data Collection-

Primary data is the data which is collected by the surveyor and not published or used by anyne else. Primary data collection can be divided into two categories: Qualitative and Quantitative methods.

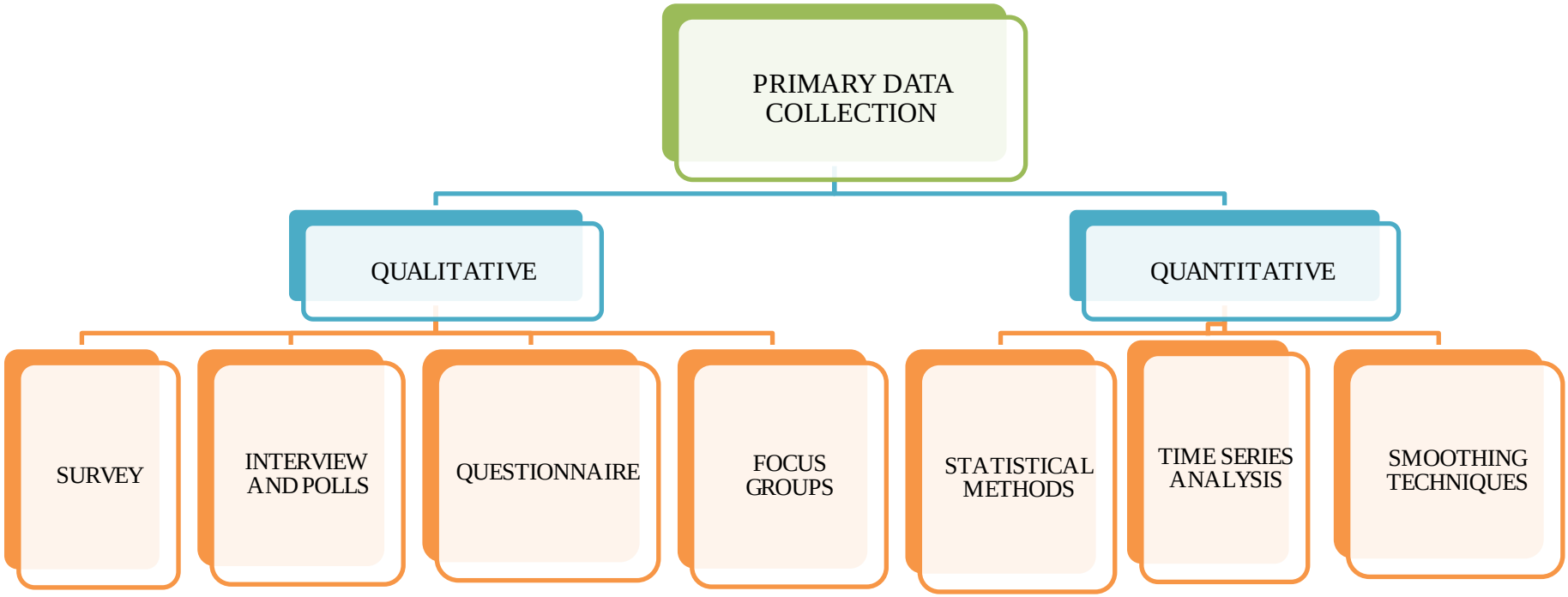


Fig. 1.4.2 A diagrammatic representation of type of Primary Data

For carrying out this study, primary data has been used for the analysis. Under the primary data, qualitative and quantitative methods have been used.

To find out student's perception a questionnaire was prepared. The questionnaire comprises 24 questions which include personal information, their perception towards institutional facilities. The data have been collected by using systematic random sampling. To conduct the survey, class has been divided into groups to ask students perceptions with the help of questionnaire. A total of 575 (approximately 10 percent (with respect of course-wise strength) of total student strength) sample size has been taken to records the responses of students. The sample size irrespective of classes has been sown by below table

Course Name	No. of Samples (10 Percent of Total Strength)	Course Name	No. of Samples (10 Percent of Total Strength)
B.A.	190	B.COM	64
B.A. (HONS.) HINDI	14	B.COM HONS.	25
B.A. (HONS.) ECONOMICS	18	BCA	28
B.A. (HONS.) ENGLISH	19	BBA	14
B.A. (HONS.) PSYCHOLOGY	15	M.Sc. COMPUTER SCIENCE	11
B.Sc. (HONS.) MATH	22	M.A. HISTORY	11
B.Sc. (NON-MEDICAL)	63	M.A. GEOGRAPHY	11
B.Sc. (HONS) PHYSICS	14	M.COM	11
B.Sc. (MEDICAL)	41	APGDC	1

Table 1.4.1.1: List of number of surveyed students' course-wise

The data collected through the survey has been organized and analyzed with the help of statistical methods i.e., five point Likert scale (0 to 5, where zero represent strongly disagree and five represent strongly agree) use of diagrams and tables. All the photographs used in this file have been collected during the primary survey.

CHAPTER 2

ASSESSMENT OF INFRASTRUCTURAL FACILITIES

2.1 STRUCTURAL ASSESSMENT

It is the procedure used to check the adequacy, structural integrity and soundness and their components. An assessment is mad e to evaluate a structures current and future use. By looking at the infrastructural facilities the soundness of the college infrastructure can be evaluated.

STRUCTURAL ASSESSMENT OF THE COLLEGE

The college has a well-structured infrastructure. The infrastructural facilities of the college can be predicted by looking at the various blocks, library, canteen area, use of ICT technology in education, cleanliness and hygienic facilities, etc. of the college.

The different sections of the college building have been demarcated as block A TO G.

Block A- Administrative Block

Block B- Teachings Block

Block C – Science Block

Block D- Sports Complex

Block E- Library

Block F- Teaching Block

Block G- Commerce Block

Canteen Area

The above blocks or buildings of the college are in good condition except some parts of the block 'B' as the building is very old. However, the buildings are repaired from time to time and are maintained well.

The college is located near Sonipat stand and is in proximity to the bus stand. Due to which it is easier for girl students to reach here without facing any transport facility problem. The college has a nearby women police station. The college has a well-maintained medical room and for any medical emergency, there are two nearby hospitals- We Care Hospital and Mansarover Hospital and many medical stores.

The GPGCW College is well known College of Maharshi Dayanand University. The college strives to provide the best possible information and technology infrastructure to its students, faculty and staff. The college campus is Wi-Fi enabled and e-resource web portal is available to support teaching practices.

CHAPTER 3

ANALYSIS OF STUDENTS PERCEPTION

The perception is the opinion of people based on how things seem. It is the way that someone thinks and feels about anything. The student's perception towards the college, its infrastructure and other reflects college facilities, thinking of students towards their own college, what they feel and gives a reality check. After looking at the data, about one-thirds of students are from urban and rest of two-thirds belong to rural area. As the college is in proximity to the bus stand or we say has good transport accessibility, it is easier for them to reach here without any difficulty. After analyzing the data collected during survey it was found that-

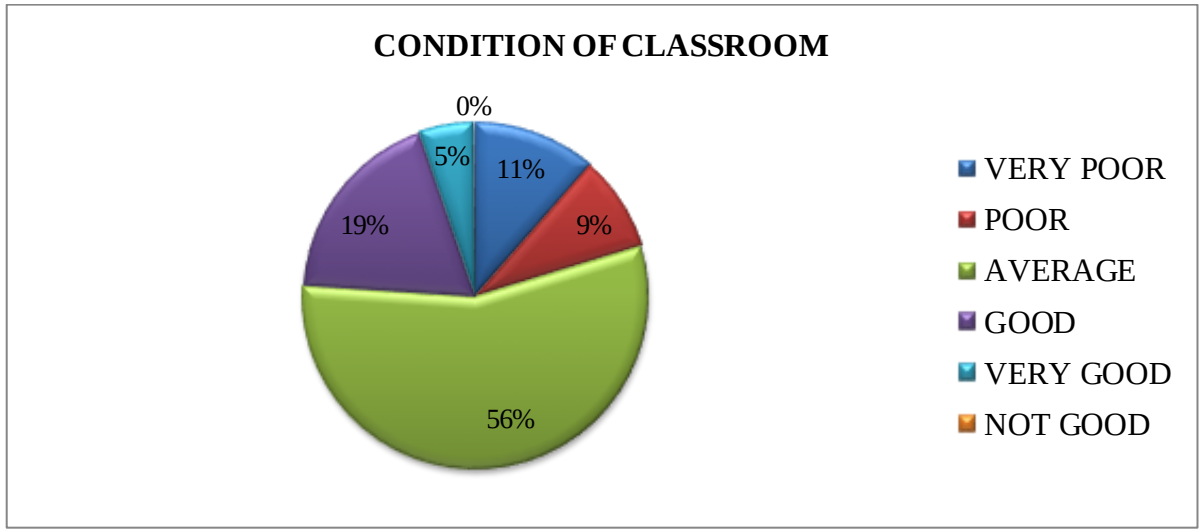


Fig. 3.1. A diagrammatic representation of the condition of classroom

The above pie diagram shows the condition of classroom according to the surveyed students. From the sample data of the college, about 56 Percentage of the students said that condition of classroom is average, 11 Percentage said very poor whereas 5 Percentage said very good and are satisfied with the classroom's conditions.

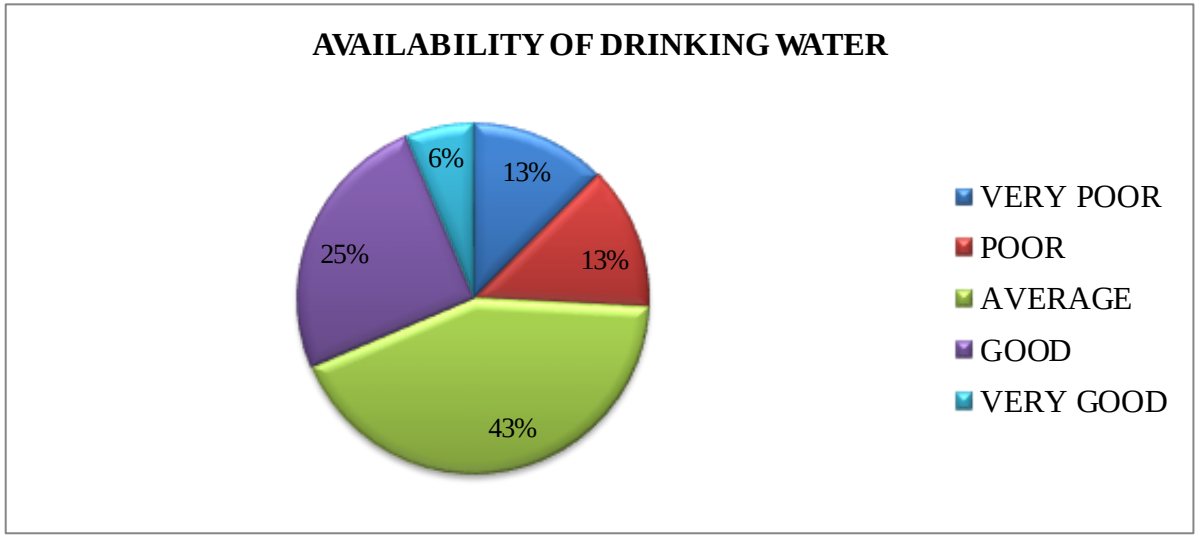


Fig. 3.2. A diagrammatic representation of the availability of drinking water facility

The above chart represents the availability of drinking water facility in the college. The college has placed water cooler at five places. According to 43 Percentage the drinking facility is average, 6 Percentage of them said that it is very good whereas 13 Percentage of the total surveyed students said, the drinking water facility is very poor and need to be improved.

The above two photos shows the availability and placement of water cooler. One is located near F block and ither is near B block.

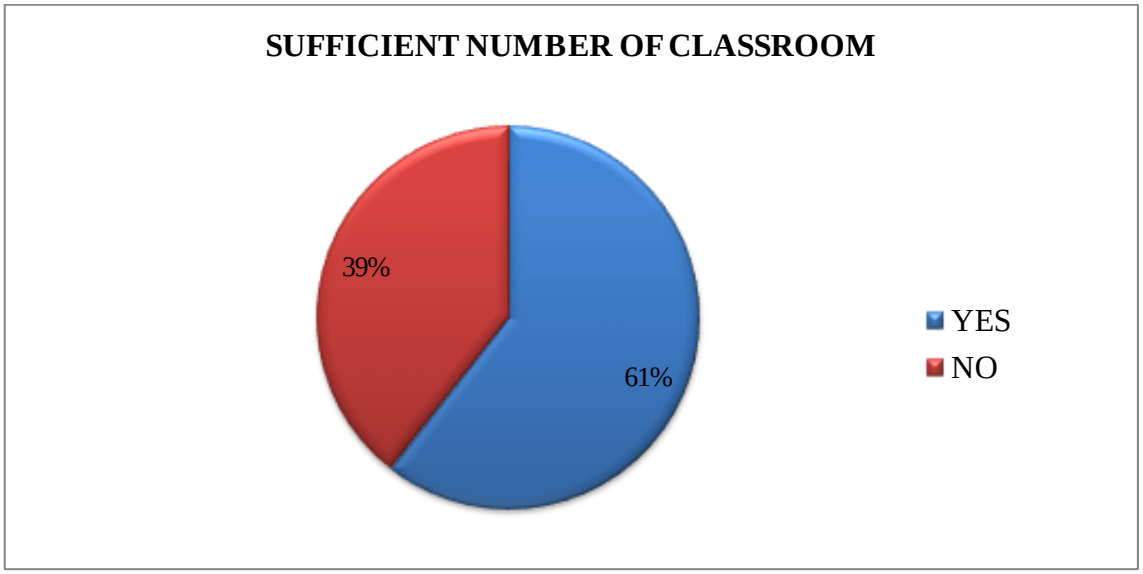


Fig. 3.3. A diagrammatic representation of the sufficient number of classrooms

The above chart shows that 61 Percentage of the surveyed student does think that the number of classrooms in the college is sufficient whereas 39 Percentage think that they are not sufficient and requires more number of classrooms. The college students had discussed that due to insufficient number of classrooms in the college they attend some classes in the open area, park.

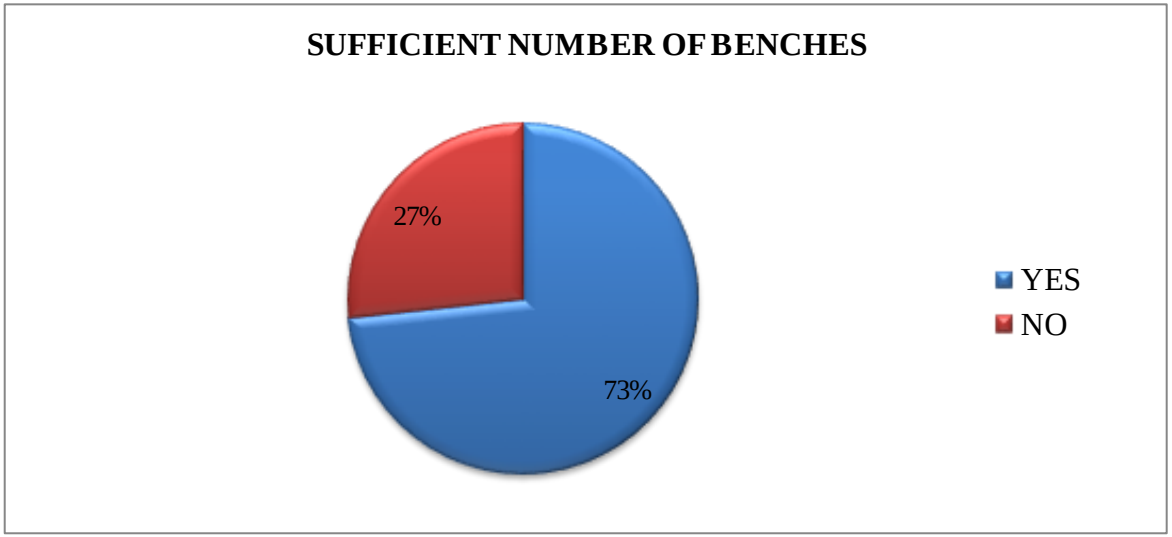


Fig. 3.4. A diagrammatic representation of the sufficient number of benches

The above chart shows that 73 Percentage of the surveyed college student thinks that there are sufficient number of benches in classroom and do not face any issue related to the sitting whereas 27 Percentage of them are facing sitting issue in classrooms. During the survey it was observed that the students of B.A. course faces more issue, as the no. of enrolled students are more in comparison to the oth er courses.

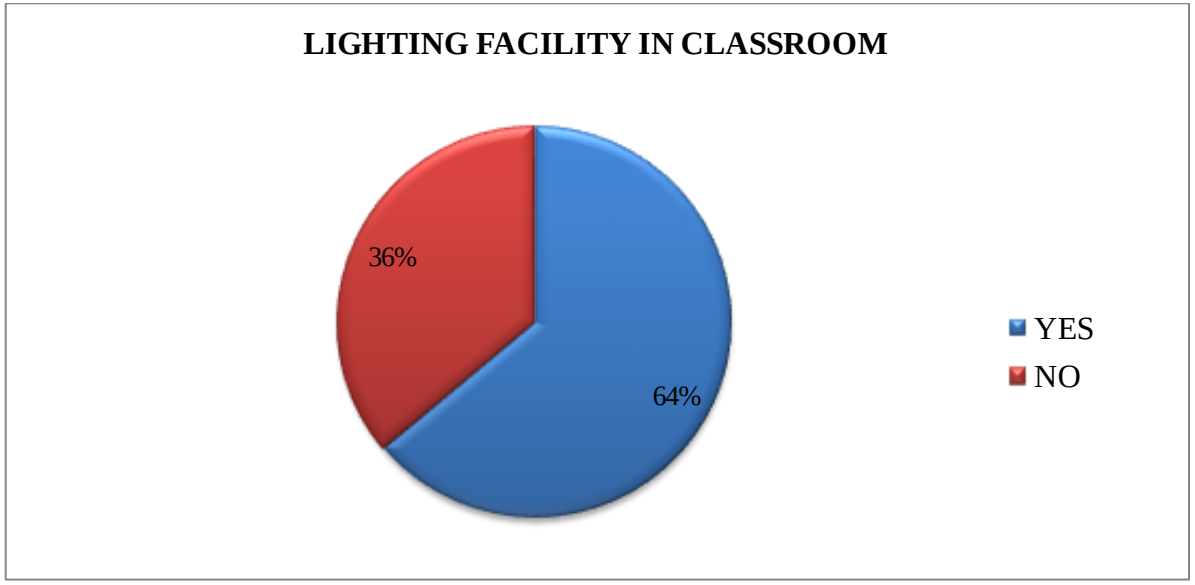


Fig. 3.5. A diagrammatic representation of the lighting facility in classrooms of the college

The responses of data collected indicate that that about 64 Percentage of the college students thinks that lighting facility in the college is good whereas 36 Percentage of the students do not think so and demands for better.

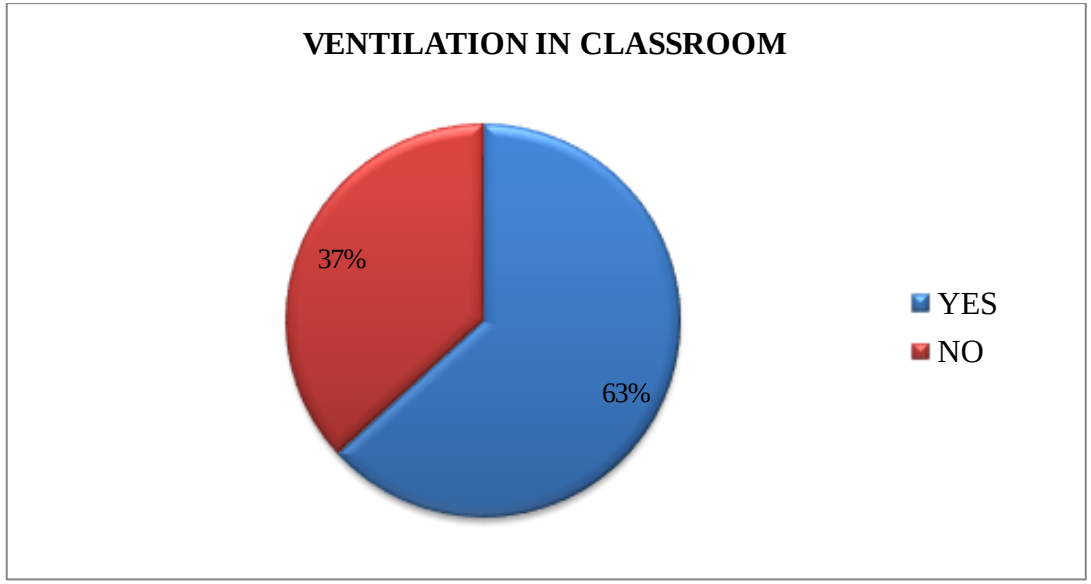


Fig. 3.6. A diagrammatic representation of the ventilation in classroom

More than half of the students think that the ventilation in the college is good. Out of the surveyed students, 63 Percentage believed that ventilation is good whereas 37 Percentage think that there is no good ventilation facility in the college campus.

The below picture shows that ventilation is sufficient and is not a problem for students.

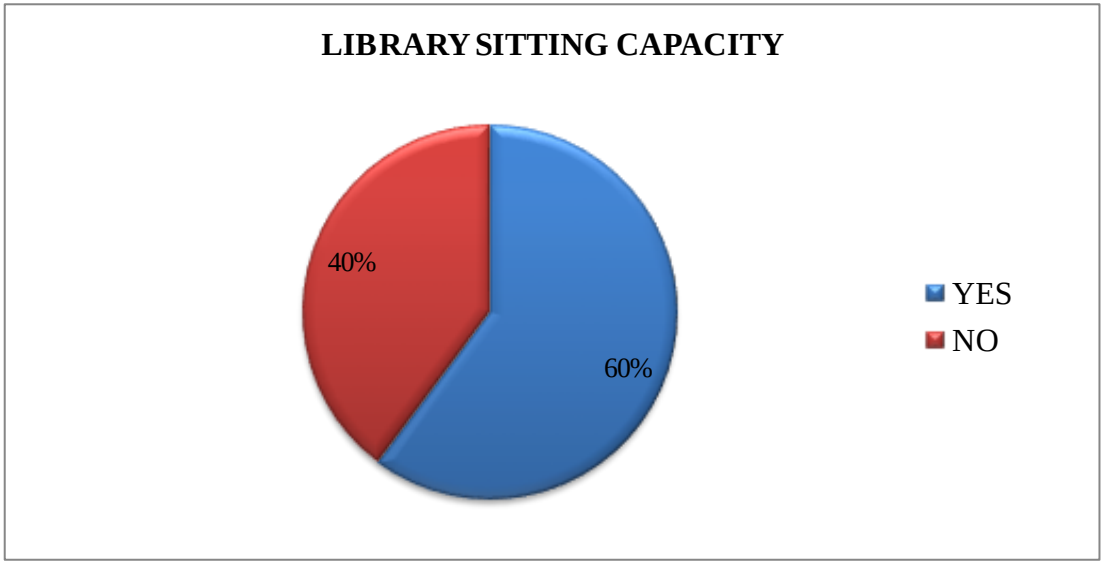


Fig. 3.7. A diagrammatic representation of the library sitting capacity

The library of the college is one storey. At the ground floor, there is sitting space and on the first-floor different courses books are there. According to 60 Percentage of the surveyed students the sitting space in library is sufficient whereas for 40 Percentage of them, it is not sufficient and requires more sitting space in the library.

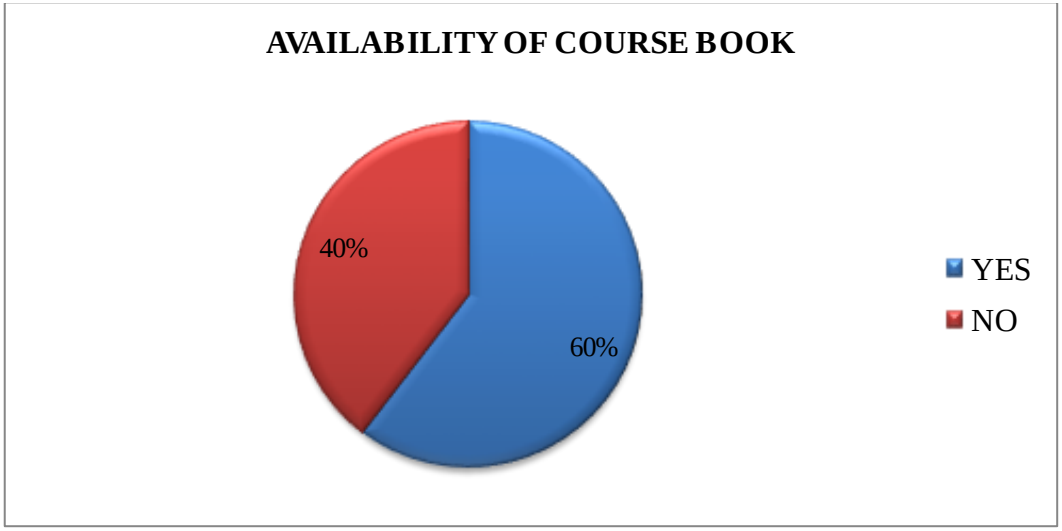


Fig. 3.8. A diagrammatic representation of the availability of course book

The college library provides different course books to their students. About 40 Percentage of students think that the no. of books of respective courses in the library is not sufficient and there is need of more books whereas 60 Percentage said that the no. of books available in the college library is sufficient for them.

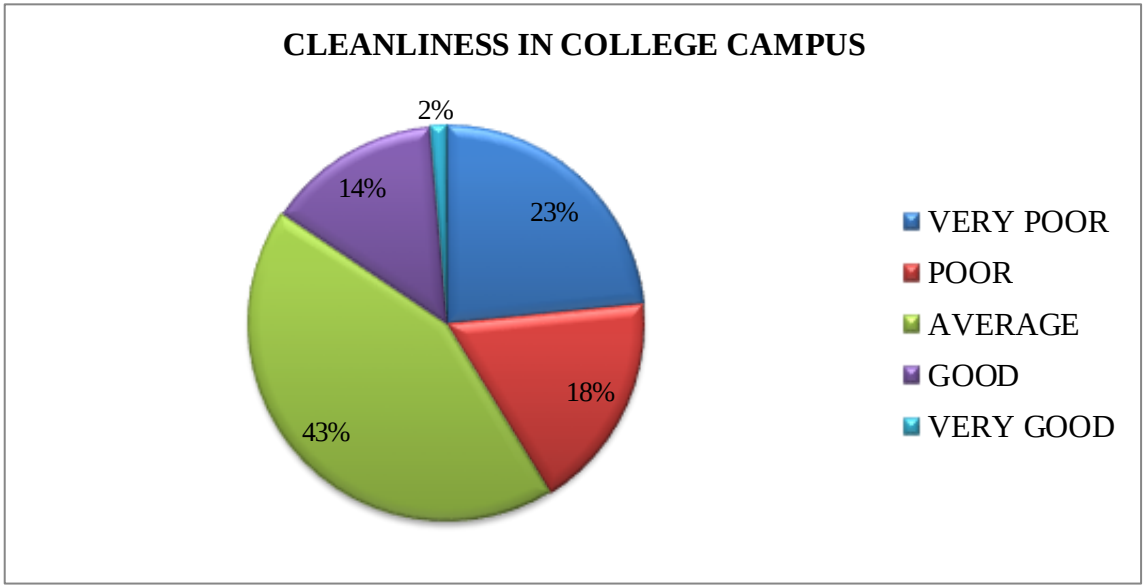


Fig. 3.9. A diagrammatic representation of the cleanliness in college campus

The above chart represents the cleanliness in college campus. After analyzing the data it was found that about only 2 Percentage of the surveyed students found cleanliness in college campus very good whereas for 23 Percentage of them cleanliness in college campus is very poor and need to be take care.

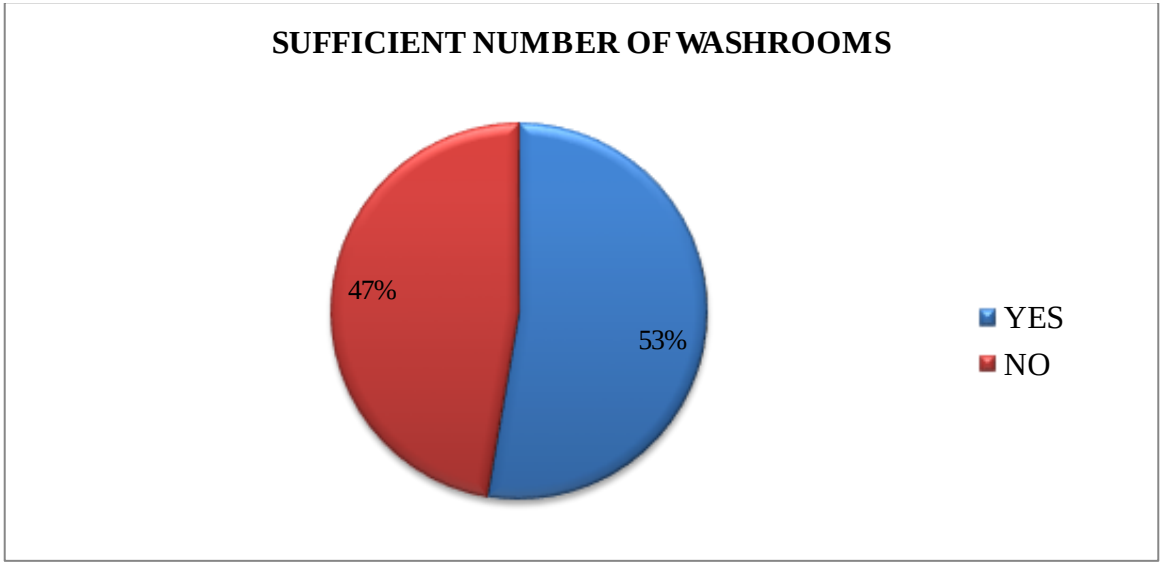


Fig. 3.10. A diagrammatic representation of the sufficient number of washrooms

According to 47 Percentage of the surveyed students the number of washrooms is not sufficient whereas for 53 Percentage of them the number of washrooms in the college is sufficient.

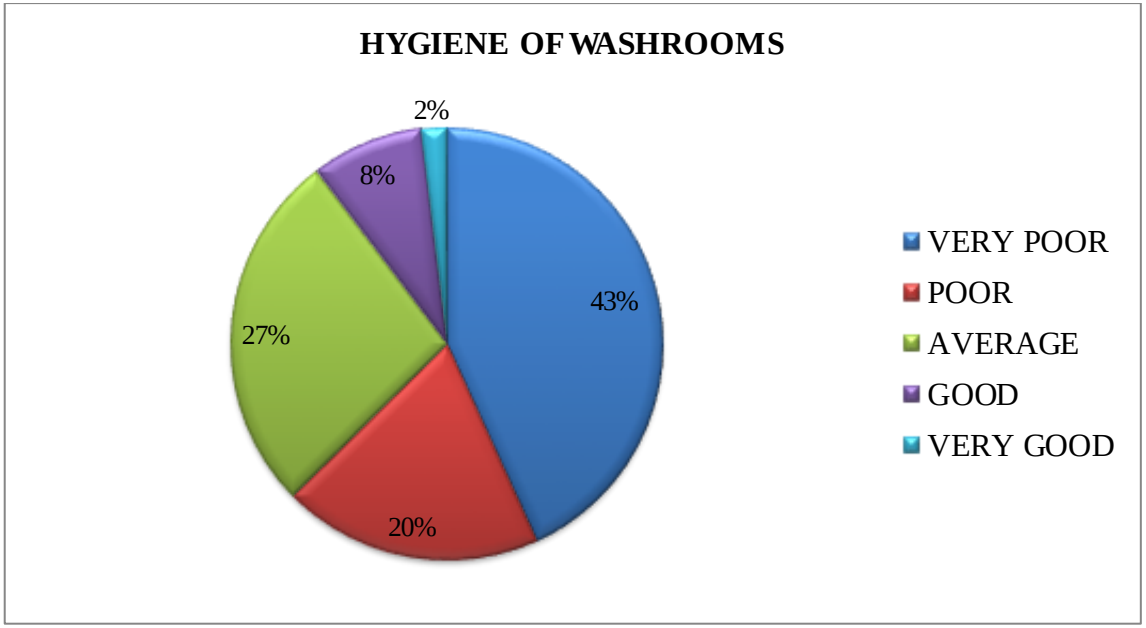


Fig. 3.11. A diagrammatic representation of the hygiene of washroom

By looking at the collected data it was found that the hygiene of washrooms is very poor. About 43 Percentage said very poor, 27 percent having average opinion and only 2 Percentage of the surveyed students are satisfied by the hygiene of washrooms. This is the one of the most important factors of socio-economic development of people. About 60 percent of the students are in the opinion that hygiene and cleanliness of washroom is poor or very poor indicate that administration of the college should look after this issue.

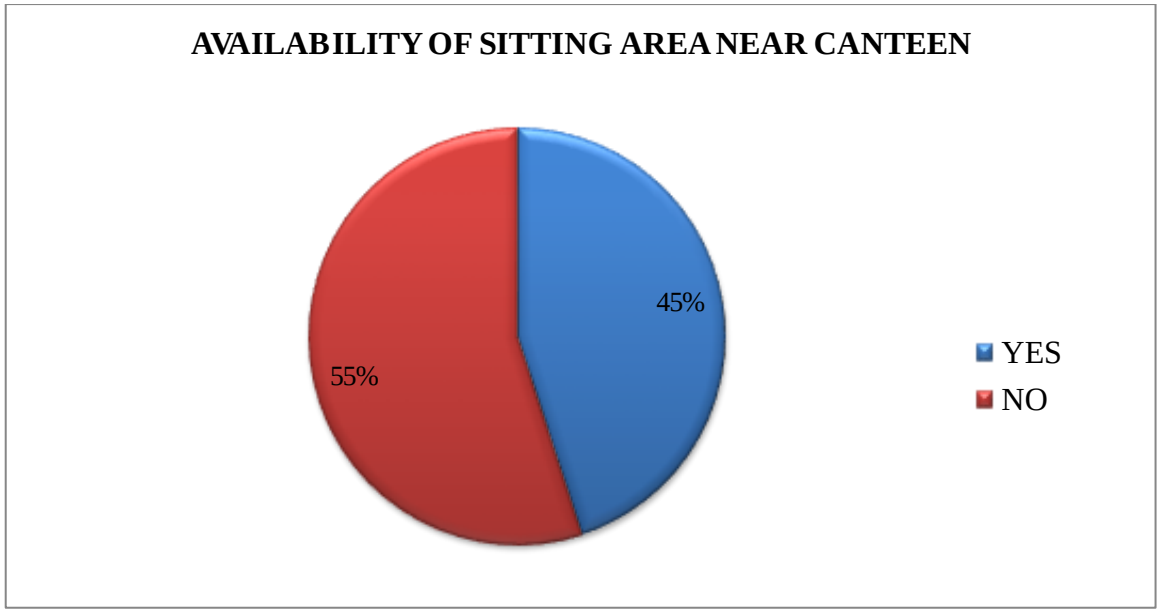


Fig. 3.12. A diagrammatic representation of the sufficient sitting area near canteen

According to 55 Percentage of the surveyed students the sitting area near canteen is insufficient whereas 45 Percentage of the students, think that the sitting space is sufficient. As more than half of the students said there is not enough space where they can sit and have their food, the college should provide sittings to the students near canteen. However, it is true and very clear from the physical examination of the area near canteen that there is ample space for sitting but sitting facilities like number of benches etc. are not sufficient.

A better planning and positive approach in this regard can solve this problem very easily. The administration especially canteen committee of the college should work on this issue very efficiently. To improve the sitting capacity near canteen the administration should also involve canteen owner.

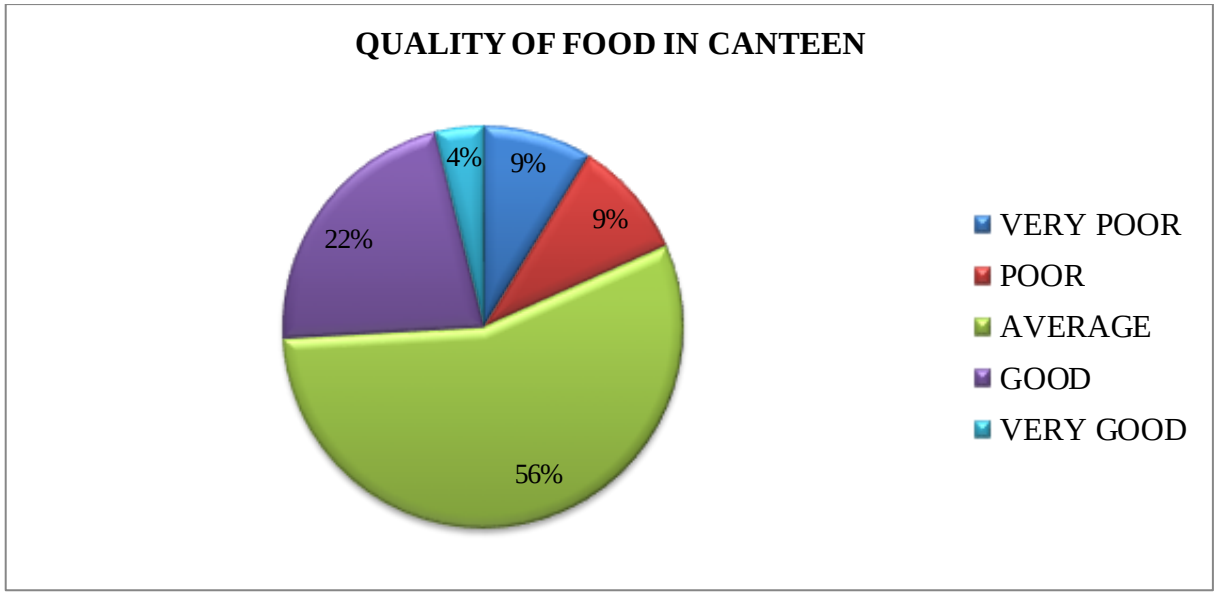


Fig. 3.13. A diagrammatic representation of the quality of food in canteen

The quality of food is very poor according to 9 Percentage of the surveyed students, 56 Percentage said the quality is average, 22 percent are in the opinion that food quality is good and it is consumable, and only 4 Percentage said it is very good. Therefore, there is need of improvement in quality of canteen food. The figures from the questionnaire (Fig. 3.12 and 3.13) jointly suggest that canteen is the most problematic part of college infrastructure and facilities. More than 96 percent of the students have perception that quality of food served in canteen is not upto marks and put this food in average or below average category. It reflects the total negligence of the college administration and as well as canteen committee in this regard.

A strict action needs to take in this regard because food body health is strongly and positively associated with each other. A better food is the source of good health. The data revealed from the above two figures are matter of urgent concern.

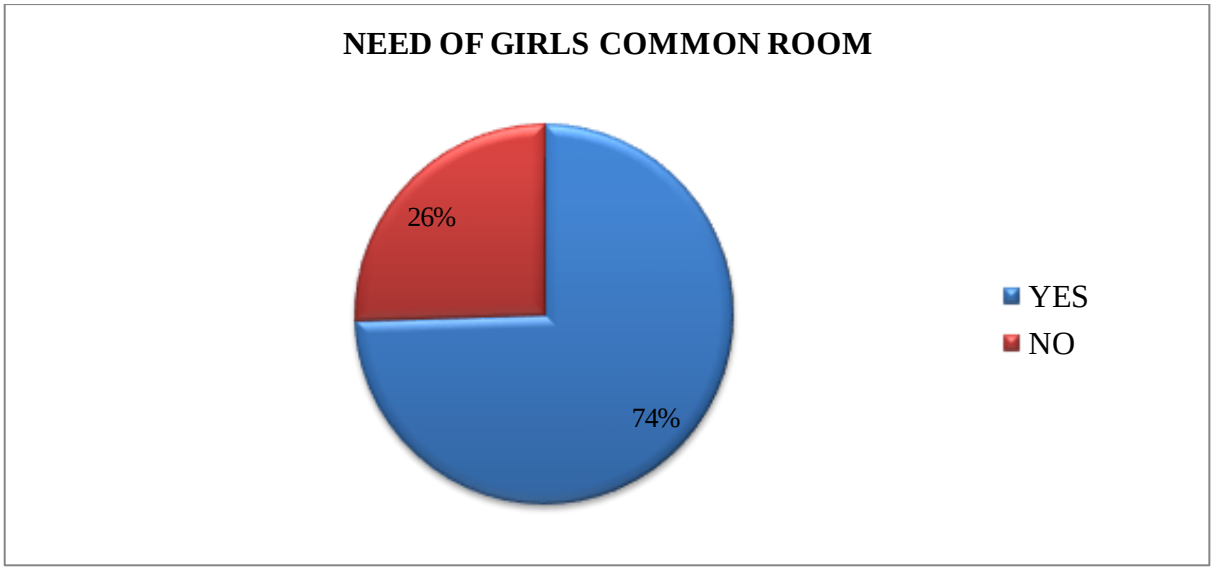


Fig. 3.14. A diagrammatic representation of the need of girl's common room

Girl's common room is the space designed to give female students a place to relax, study, have informal discussions in the free time available. In order to meet these requirements a college should create a space that matches all of these diverse needs so that the learners can leave in the best possible state when they go to lessons.

Most of the college all over the world have a provision of a girl's common room. It unluckily this college lack in this facility. There may be several reasons behind this abnormality i.e., non-availability of space, lack of finance or negligence of college administration in this regard. So, it is the most important to collect and analysis the perceptions of students towards this problem.

During the survey about 74 Percentage of girls said there is need of girl's common room whereas 26 Percentage said no need of girls' common room.

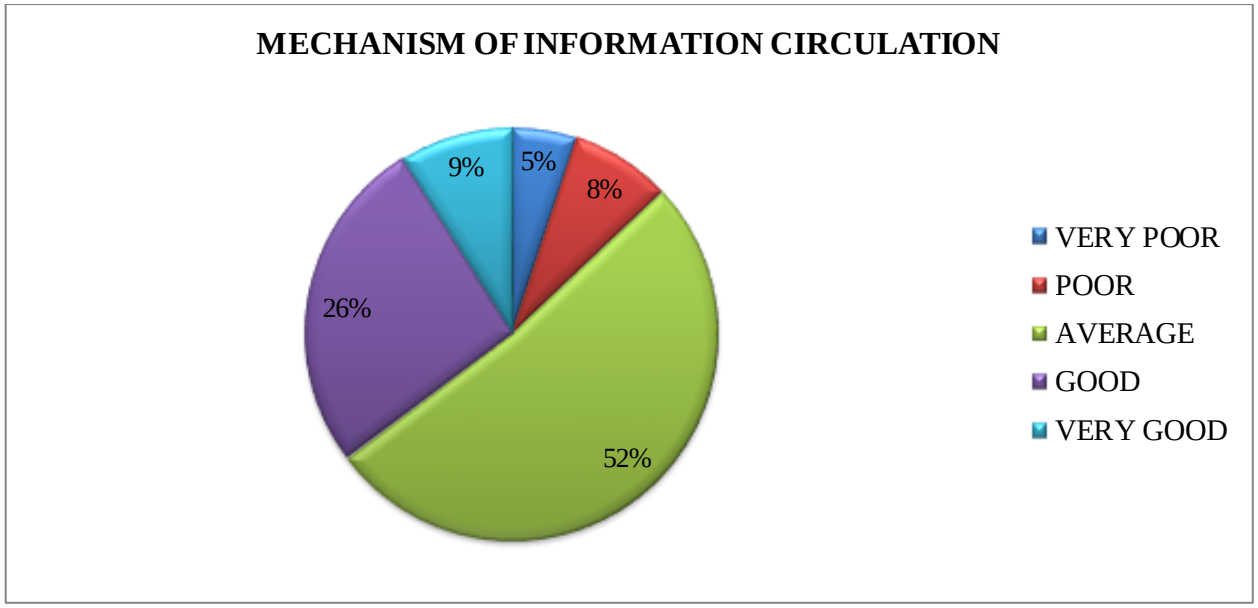


Fig. 3.15. A diagrammatic representation of the mechanism of information circulation

To run any college, it is very important to circulate information timely. According to 9 Percentage of the surveyed college students the information circulation mechanism of the college is very good, 26 Percentage said it is good, 52 Percentage said average, 8 Percentage said poor and 5 Percentage of the student's said that the mechanism is very poor and there is need of improvement in the information circulation process.

CHAPTER 4

SUGGESTIVE MEASURES

The college has a well-structured infrastructure but there are some points or things which college can add on to better their structure. Like the college should look towards-

- The cleanliness and hygiene of the college campus, especially washrooms are not so good as per the survey, it should be improved.
- The number of classrooms in the college campus is not sufficient for the students; there should be an increase in them so that the student do not suffers.
- The quality of food provided to the students in the canteen should also be checked timely.
- The sitting area near the canteen should improve as per the strength of college. As the half of the students said there is not enough space where they can sit and have their food.
- The information circulation mechanism should also be improved.

All over the college provides most of the required facilities to its students and by some little changes these facilities can be better.

5. REFERENCES

- www.gpgcw.ac.in

6. APPENDIX

PERCEPTION OF STUDENTS TOWARDS COLLEGE INFRASTRUCTURE FACILITIES

1. CLASS/ COURSE

- B.A.
- B.A. (HONS.) HINDI
- B.A. (HONS.) ECONOMICS
- B.A. (HONS.) ENGLISH
- B.A. (HONS.) PSYCHOLOGY
- B.Sc.
- B.Sc. (HONS.) MATH
- B.Sc. (NON-MEDICAL)
- B.Sc. (HOME SCIENCE)
- B.Sc. (HONS) PHYSICS
- B.Sc. (MEDICAL)
- B.COM
- B.COM HONS.
- BCA
- BBA
- M.Sc. (ECONOMICS)
- M.Sc. COMPUTER SCIENCE
- M.A. HISTORY
- M.A. GEOGRAPHY
- M.A. HINDI
- M.A. ENGLISH
- M.COM

- APGDC
- OTHER

2. AGE

- BELOW 18
- 18 TO 21
- MORE THAN 21

3. 12^{TH} PERCENTAGE

- UP TO 60 PERCENT
- 61 TO 80 PERCENT
- MORE THN 80 PERCENT

4. RESIDENCE

- URBAN
- RURAL

5. DISTANCE FROM COLLEGE TO RESIDENCE

- UPTO 10 KMS
- 10-20 KMS
- 20-30 KMS
- MORE THAN 30 KMS

6. FAMILY INCOME

- BELOW 180000
- 180000 TO 5 LAKH
- MORE THAN 5 LAKH

7. CONDITION OF CLASSROOM IS

- VERY POOR

- POOR
- AVERAGE
- GOOD
- VERY GOOD

8. AVAILABILITY OF DRINKING WATER FACILITIES

- VERY POOR
- POOR
- AVERAGE
- GOOD
- VERY GOOD

9. IS THERE NUMBER OF CLASSROOM SUFFICIENT?

- YES
- NO

10. ARE NUMBER OF BENCHES IN CLASSROOM SUFFICIENT?

- YES
- NO

11. LIGHTING FACILITY IN CLASSROOM IS SUFFICIENT?

- YES
- NO

12. IS THERE PROPER VENTILATION IN CLASSROOM?

- YES
- NO

13. SITTING CAPACITY IN COLLEGE LIBRARY IS?

- SUFFICIENT

- UNSUFFICIENT
- OTHER

14. IS NUMBER OF COURSE BOOK AVAILABLE IN LIBRARY?

- YES
- NO

15. CLEANLINESS IN THE COLLEGE CAMPUS IS?

- VERY POOR
- POOR
- AVERAGE
- GOOD
- VERY GOOD

16. IS NUMBER OF WASHROOM AVAILABLE IN COLLEGE SUFFICIENT?

- YES
- NO

17. CLEANLINESS AND HYGIENE OF WASHROOM IS?

- VERY POOR
- POOR
- AVERAGE
- GOOD
- VERY GOOD

18. IS THE AVAILABILITY OF DUSTBIN IN COLLEGE SUFFICIENT?

- YES
- NO

19. DO YOU THINK SPACE REQUIRED FOR SITTING NEAR THE CANTEEN IS SUFFICIENT?

- YES
- NO

20. CLEANLINESS AND HYGIENIC CONDITION OF CANTEEN AREA IS SUFFICIENT?

- YES
- NO

21. QUALITY OF FOOD AVAILABLE IN CANTEEN IS?

- VERY POOR
- POOR
- AVERAGE
- GOOD
- VERY GOOD

22. ARE YOU SATISFIED WITH AVAILABLE SPORTS FACILITIES IN THE COLLEGE?

- YES
- NO

23. DO YOU THINK THERE IS A NEED OF GIRLS COMMON ROOM IN COLLEGE?

- YES
- NO

24. MECHANISM AND FREQUENCY OF INFORMATION CIRCULATION FROM COLLEGE TO STUDENT IS?

- VERY POOR
- POOR
- AVERAGE
- GOOD
- VERY GOOD