

INTRODUCTION

Result analysis is a critical process employed across various fields and disciplines to evaluate outcomes, draw insights, and inform decision-making. Whether in academia, business, or research, analyzing results provides valuable information to understand performance, identify areas for improvement, and make informed strategic choices.

This comprehensive examination involves assessing data, statistics, or findings generated from experiments, surveys, tests, or any other form of inquiry. By employing various analytical techniques, such as statistical analysis, trend identification, or comparative studies, result analysis aims to extract meaningful patterns, trends, and correlations from raw data.

The significance of result analysis extends beyond mere interpretation; it serves as a cornerstone for evidence-based decision-making, facilitating informed actions and guiding future endeavors. Whether assessing the efficacy of a marketing campaign, evaluating academic performance, or scrutinizing experimental outcomes, effective result analysis is indispensable for driving progress and achieving objectives.

In this introductory exploration of result analysis, we delve into its principles, methodologies, and applications across diverse domains. By understanding its fundamental concepts and best practices, one can harness the power of result analysis to unlock insights, optimize strategies, and drive success.

OBJECTIVES OF RESULT ANALYSIS

The objectives of conducting result analysis are multifaceted and depend on the context in which it is applied. However, some overarching objectives include:

1. **Evaluation of Performance:** Result analysis allows for the assessment of performance in various endeavors, whether it's academic achievements, business operations, or experimental outcomes. By comparing actual results against predefined goals or benchmarks, stakeholders can gauge the effectiveness and efficiency of their efforts.
2. **Identification of Strengths and Weaknesses:** Through result analysis, strengths and weaknesses within a system, process, or strategy can be identified. Understanding these areas of excellence and improvement enables organizations and individuals to capitalize on their strengths and address deficiencies, fostering continuous growth and development.
3. **Insight Generation:** Result analysis uncovers valuable insights hidden within data, providing a deeper understanding of underlying trends, patterns, and relationships. These insights can inform decision-making, strategy formulation, and problem-solving, driving innovation and competitive advantage.

4. **Decision Support:** By synthesizing and interpreting data, result analysis offers valuable support for decision-making. Whether it's choosing between alternative courses of action, allocating resources effectively, or optimizing processes, evidence-based insights derived from result analysis guide informed decision-making, reducing uncertainty and risk.
5. **Performance Improvement:** Armed with insights from result analysis, organizations and individuals can implement targeted interventions to improve performance. Whether it involves refining strategies, adjusting tactics, or reallocating resources, result analysis serves as a catalyst for continuous improvement, driving enhanced outcomes over time.
6. **Accountability and Transparency:** Result analysis fosters accountability by providing a transparent and objective assessment of outcomes. By clearly articulating the rationale behind decisions and actions, result analysis promotes accountability within organizations and ensures stakeholders are held accountable for their performance.
7. **Forecasting and Prediction:** Result analysis can also serve as a basis for forecasting and prediction. By extrapolating trends and patterns observed in historical data, analysts can anticipate future outcomes and trends, enabling proactive decision-making and risk mitigation strategies.

In summary, the objectives of conducting result analysis encompass a range of aims, including performance evaluation, insight generation, decision support, and continuous improvement. By leveraging result analysis effectively, organizations and individuals can enhance their understanding of outcomes, drive informed decision-making, and achieve their objectives more effectively.

CHAPTER 1

CLASS VI– RESULT ANALYSIS

Figure 1.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED IN PEMAGATSHEL DZONGKHAG

Sl.No	School	Total no. of stds. appeared examination			No.of stds. Passed		
		Boys	Girls	Total	Boys	Girls	Total
1	Yelchen CS	16	15	31	9	9	18
2	Pemagatshel MSS	6	13	19	4	13	17
3	Nganglam MSS	39	42	81	32	37	69
4	Yurung CS	9	11	20	9	7	16
5	Khar MSS	13	10	23	7	4	11
6	Decheling LSS	11	12	23	3	6	9
7	Gonpasingma LSS	7	6	13	2	5	7
8	Dungmin PS	9	5	14	7	4	11
9	Khangma PS	2	5	7	2	5	7
10	Mekuri PS	1	5	6	0	3	3
11	Shali PS	5	5	10	4	4	8
12	Woongchilo PS	2	3	5	2	3	5
13	Tshatsi PS	5	11	16	4	10	14
14	Shumar PS	16	20	36	13	16	29
15	Yalang PS	10	10	20	9	7	16
16	Tshebar PS	6	5	11	5	5	10
17	Gashari PS	3	3	6	2	3	5
18	Norbugang PS	2	14	16	1	6	7
19	Chimung PS	3	3	6	1	3	4
Total		165	198	363	116	150	266

Figure: 1.1: Total of 363 class VI students appeared for the examination from 19 schools. 165 were boys and 198 were girls. 266 of the passed the examination, out of which 116 boys and 150 girls.

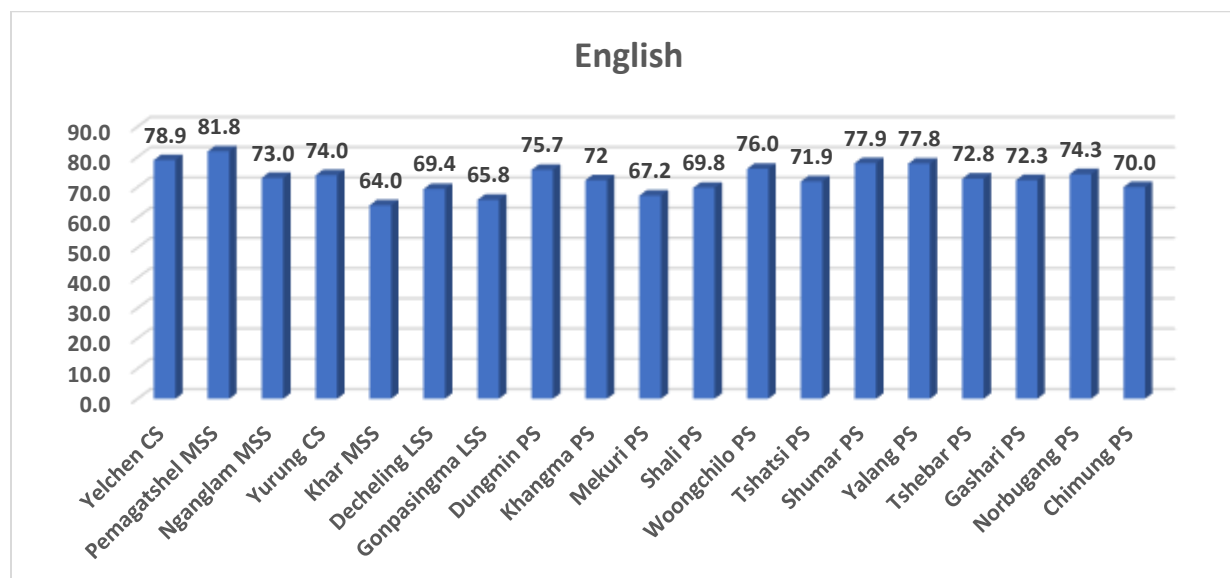
Figure 1.2: SUBJECT-WISE MEAN SCORES - ENGLISH

Figure 1.2: Pemagatshel MSS topped the list amongst other schools with 81.8 mean score followed by Yelchen CS with 78.9 mean score. Khar MSS with the lowest mean score of 64.

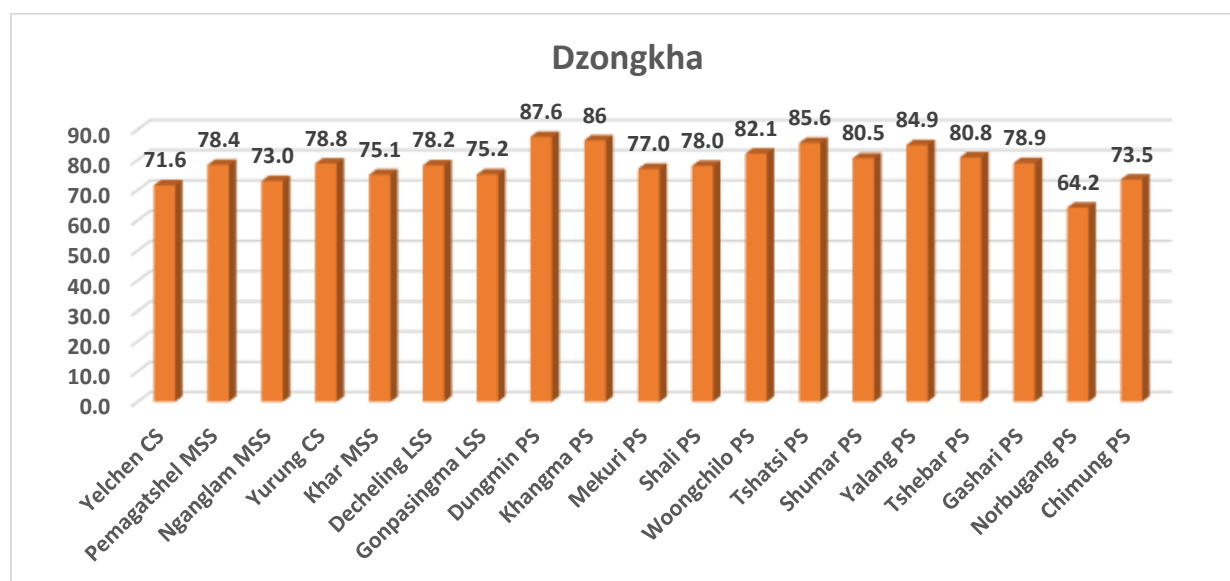
Figure 1.3: SUBJECT-WISE MEAN SCORES – DZONGKHA

Figure 1.3: Dungmin PS did well in Dzongkha with the mean score of 87.6 followed by Khangma PS with 86 mean score. With the mean score 64.2, Norbugang PS has the lowest mean score.

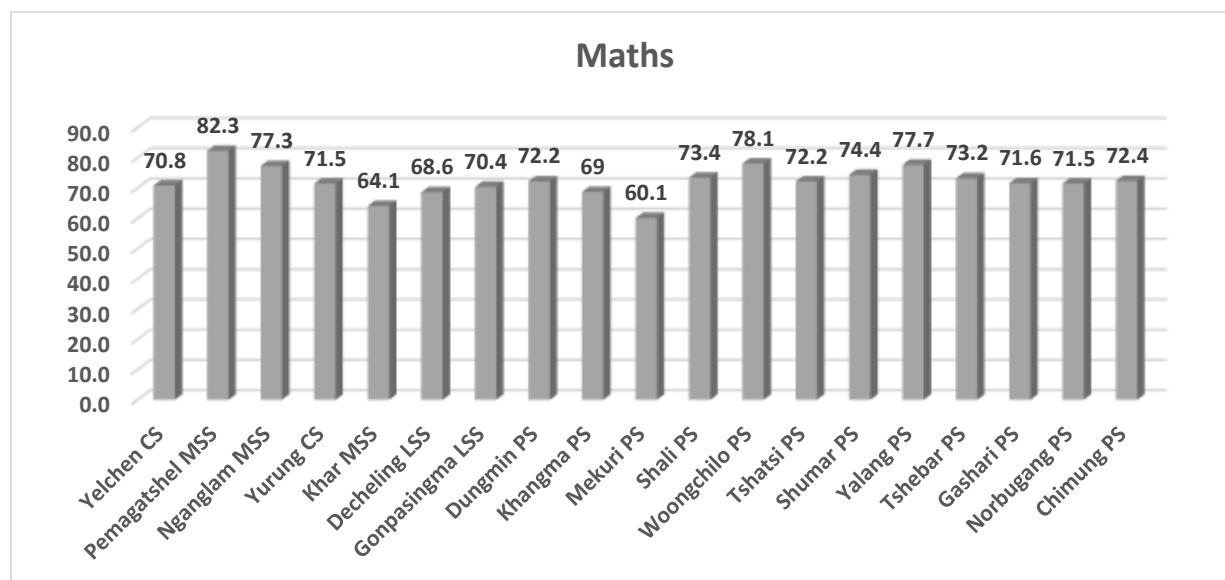
Figure 1.4: SUBJECT-WISE MEAN SCORES – MATHS

Figure 1.4: Pemagatshel MSS class VI students performed well in Mathematics with 82.3 mean score, while Mekuri PS has the lowest mean score of 60.1.

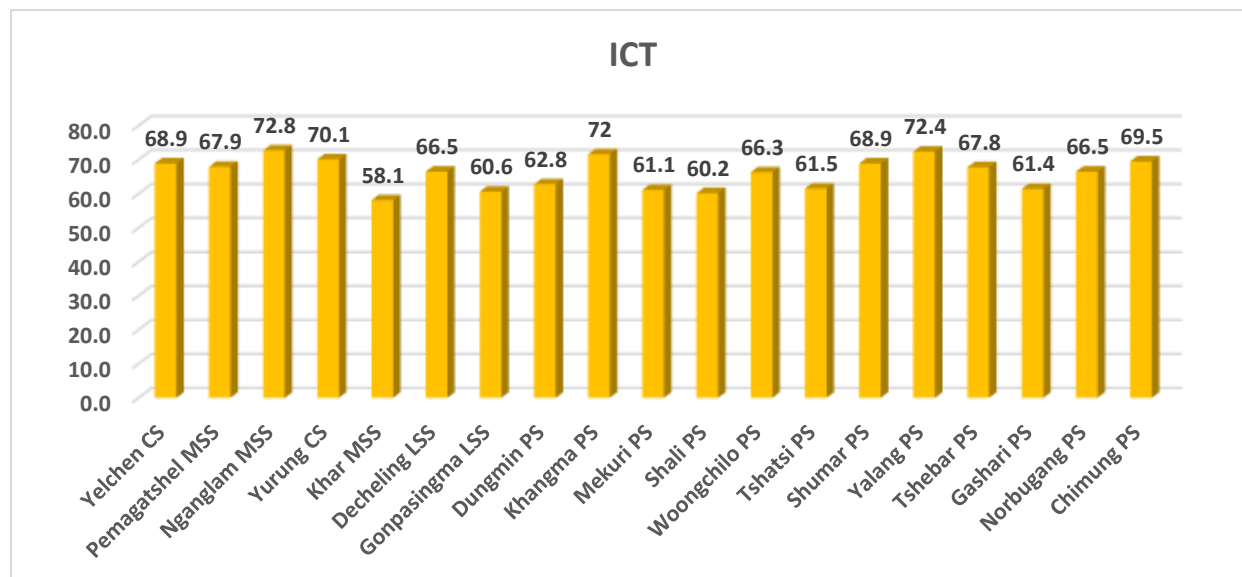
Figure 1.5: SUBJECT-WISE MEAN SCORES – ICT

Figure 1.5: Nanglam MSS with mean score of 72.8 and Yalang PS with 72.4 have the highest mean score while Khar MSS with mean score of 58.1 is the lowest.

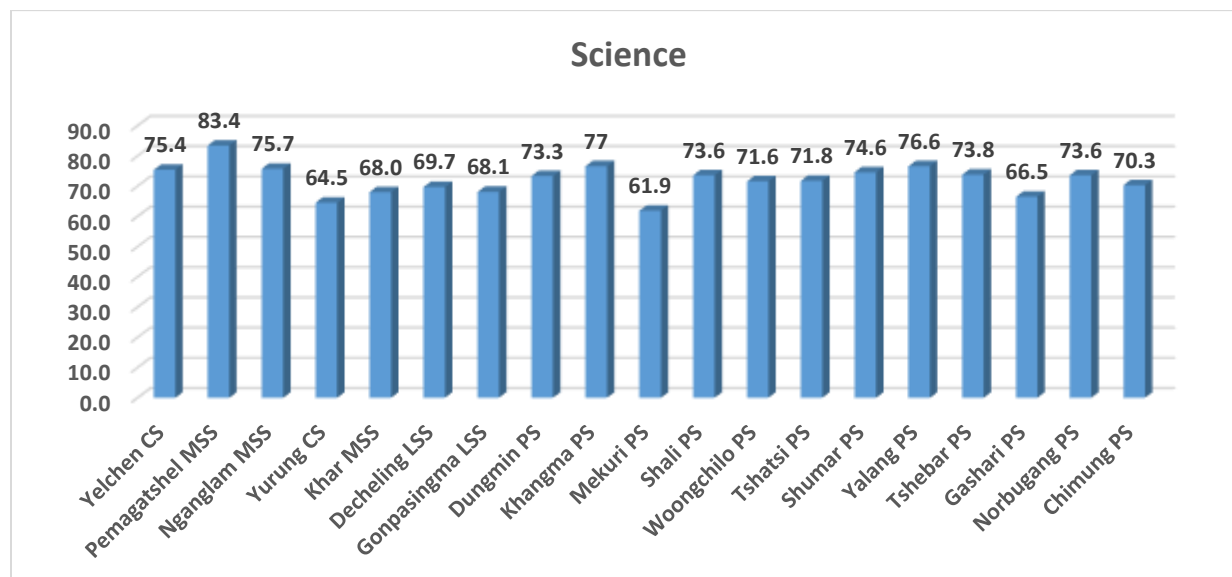
Figure 1.6: SUBJECT-WISE MEAN SCORES – SCIENCE

Figure 1.6: With 83.4 mean score in science, Pemagatshel MSS outperformed other schools. Mekuri PS with the lowest mean score of 61.9.

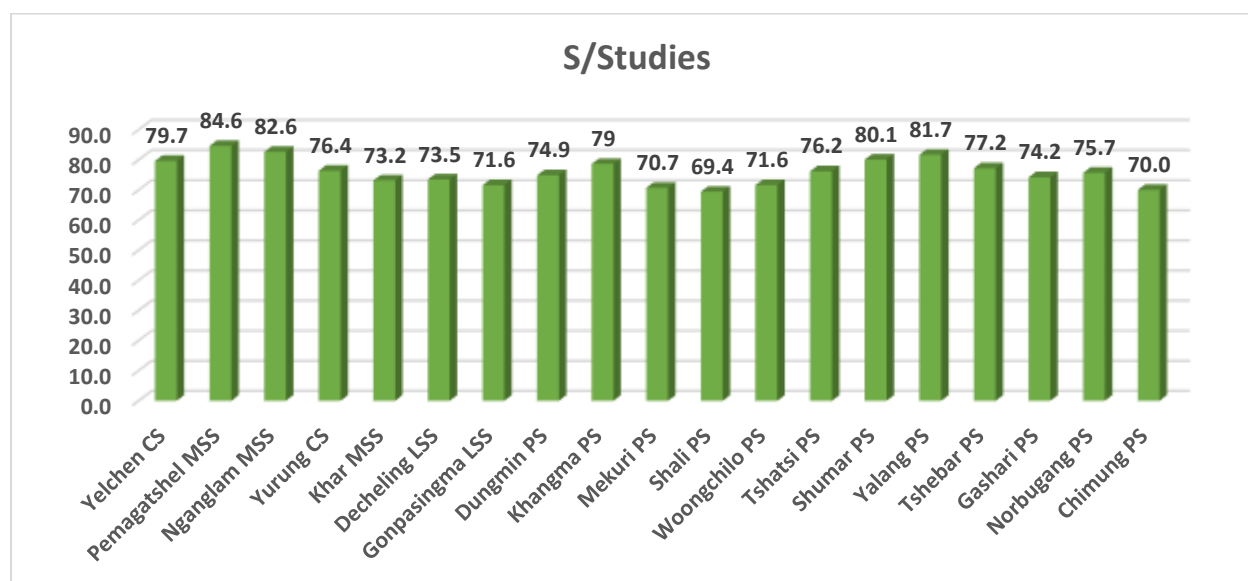
Figure 1.7: SUBJECT-WISE MEAN SCORES – SOCIAL STUDIES

Figure 1.7: Pemagatshel MSS with 84.6 mean score has the highest mean score followed by Nganglam MSS with 82.6. With 69.4 mean score, Shali PS stands at the last position.

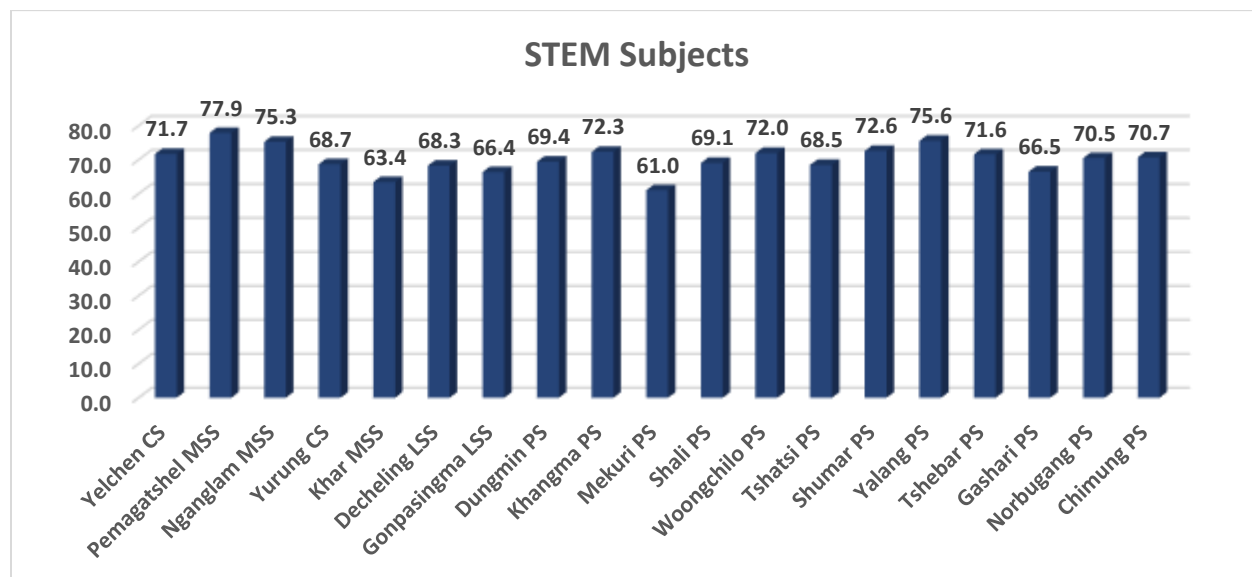
Figure 1.8: SUBJECT-WISE MEAN SCORES – STEM SUBJECTS

Figure 1.8: Pemagatshel MSS has the highest mean score in STEM subject with 77.9 followed by Yalang PS with 75.6. Mekuri PS has the lowest mean score of 61.

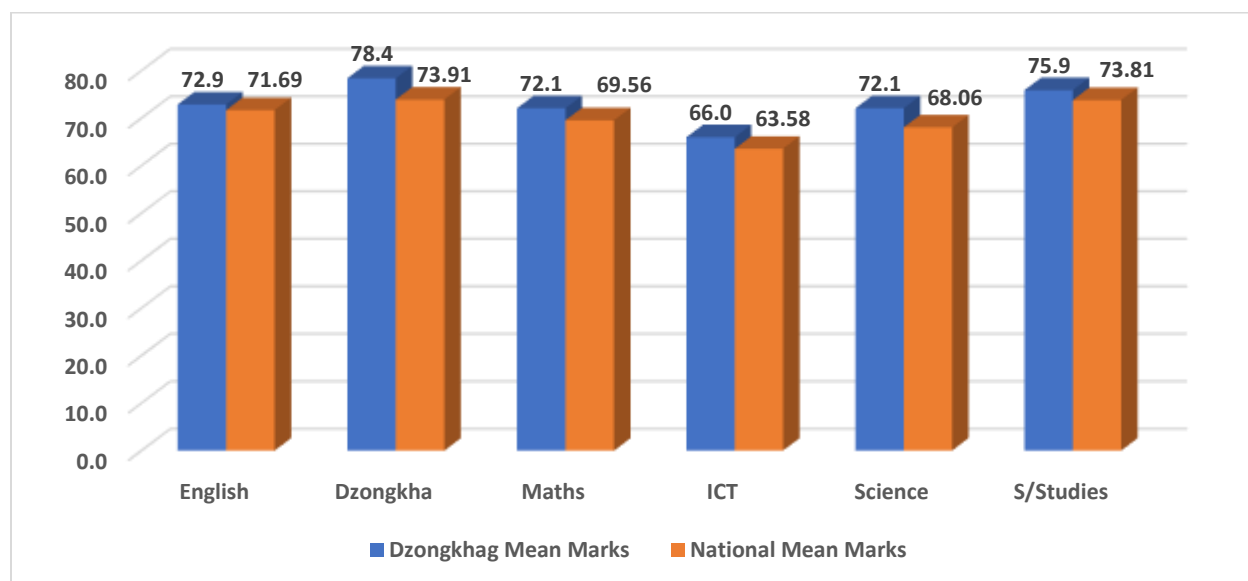
Figure 1.9: DZONGKHAG AND NATIONAL MEAN SCORES

Figure 1.9: In all the subjects, Dzongkhag mean scores are higher than the National mean scores

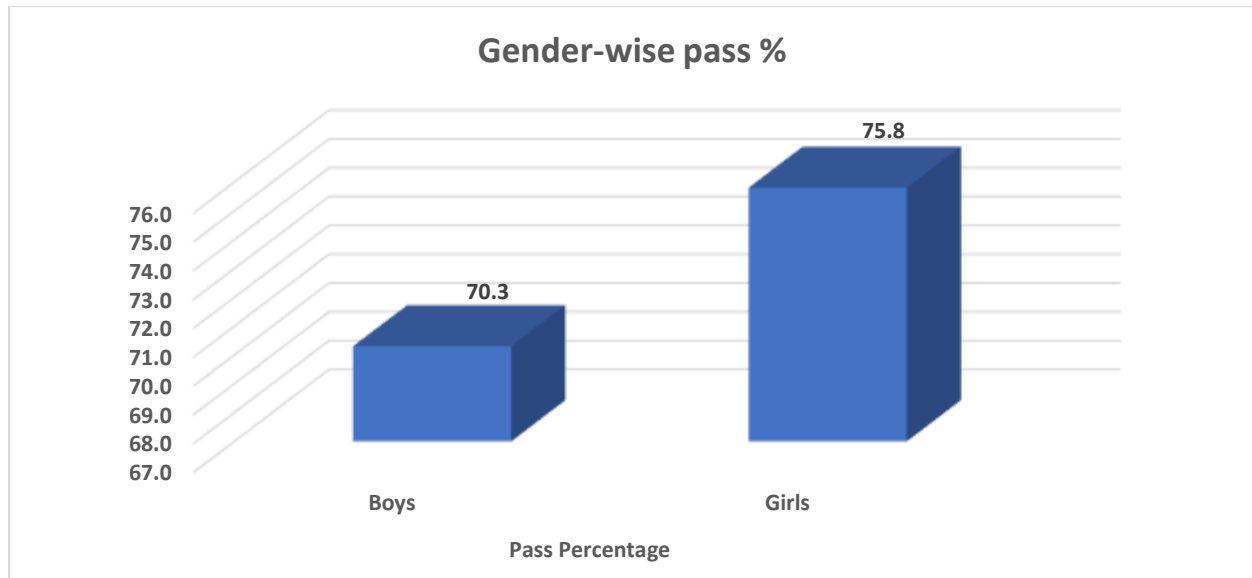
Figure 1.10: GENDER-WISE PASS PERCENTAGE

Figure 1.10: Girls of Class VI did better than the boys. The pass percentage of boys is 70.3 % and the girls pass percentage is 75.8 %.

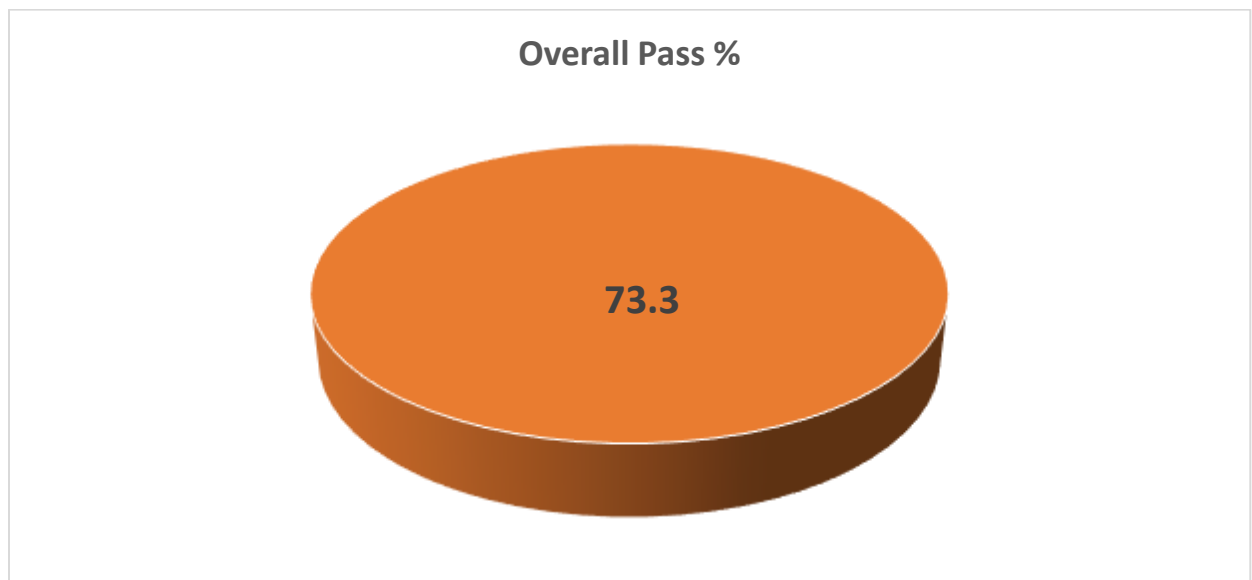
Figure 1.11: OVERALL PASS PERCENTAGE

Figure 1.11: The overall pass percentage of class VI of Pemagatshel is 73.3%.

Figure 1.12: SCHOOL RANKING BY OVERALL MEAN PERFORMANCE

Sl.No	School	Avg. Mean	Rank
1	Pemagatshel MSS	79.7	1
2	Yalang PS	78.5	2
3	Shumar PS	76.1	3
4	Nganglam MSS	75.8	4
5	Khangma PS	75.7	5
6	Dungmin PS	74.4	6
7	Tshebar PS	74.3	7
8	Woongchilo PS	74.3	8
9	Yelchen CS	74.2	9
10	Tshatsi PS	73.2	10
11	Yurung CS	72.5	11
12	Chimung PS	71.0	12
13	Decheling LSS	71.0	13
14	Norbugang PS	70.9	14
15	Gashari PS	70.8	15
16	Shali PS	70.7	16
17	Gonpasingma LSS	68.6	17
18	Khar MSS	67.1	18
19	Mekuri PS	66.3	19

Figure 1.12: As per the mean scores, Pemagatshel MSS stands at number 1 with 79.7 followed by Yalang PS with 78.5. Khangma PS and Woongchilo PS has 100 % pass percentage in class VI.

Figure 1.13: SUBJECT-WISE HIGH AND LOW PERFORMING SCHOOLS

High Performing			Low Performing		
School(s)	Subject(s)	Mean	School(s)	Subject(s)	Mean
Pemagatshel MSS	English	81.9	Khar MSS	English	64
Pemagatshel MSS	Mathematics	82	Mekuri PS	Mathematics	60.1
Dungmin PS	Dzongkha	87.6	Norbugang PS	Dzongkha	64.2
Pemagatshel MSS	Science	83.4	Mekuri PS	Science	61.9
Pemagatshel MSS	Social studies	84.6	Shali PS	Social studies	69.4
Nganglam MSS	ICT	72.8	Shali PS	ICT	60.2

Figure 1.13: Pemagatshel MSS topped in 4 subjects in class VI compared to other schools followed by Dungmin PS and Nganglam MSS with one subject each.

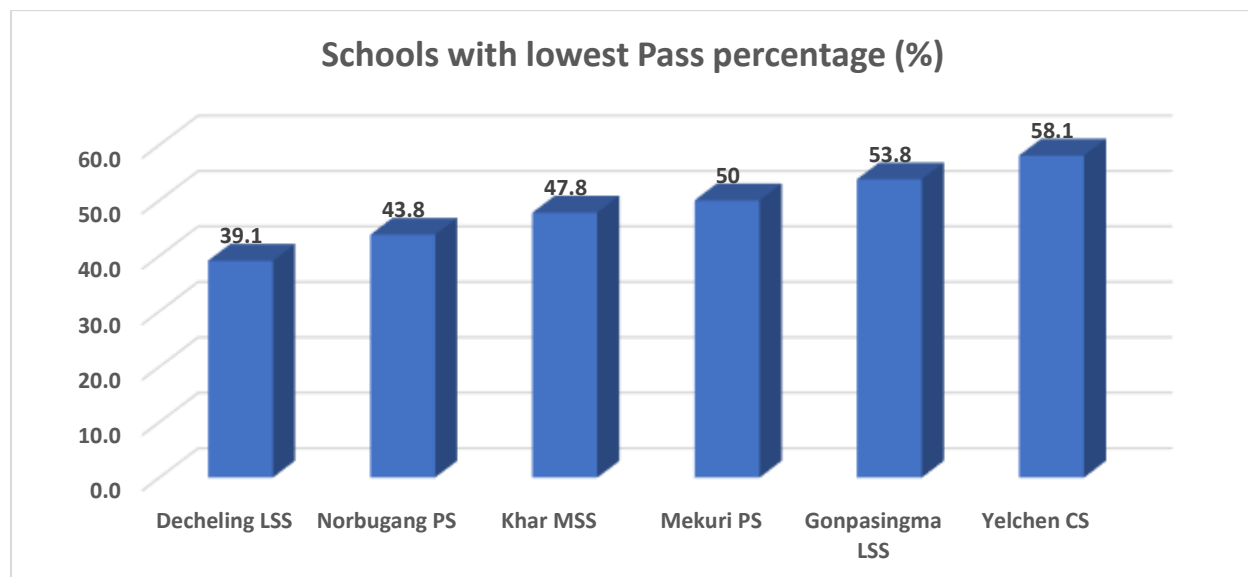
Figure 1.14: Schools with lowest pass percentage

Figure 1.14: Decheling LSS has the lowest pass percentage with 39.1 % followed by Norbugang PS with 43.8%. Out of 19 schools, 6 schools have the pass percentage less than 60%.

CHAPTER 2 CLASS VIII – RESULT ANALYSIS

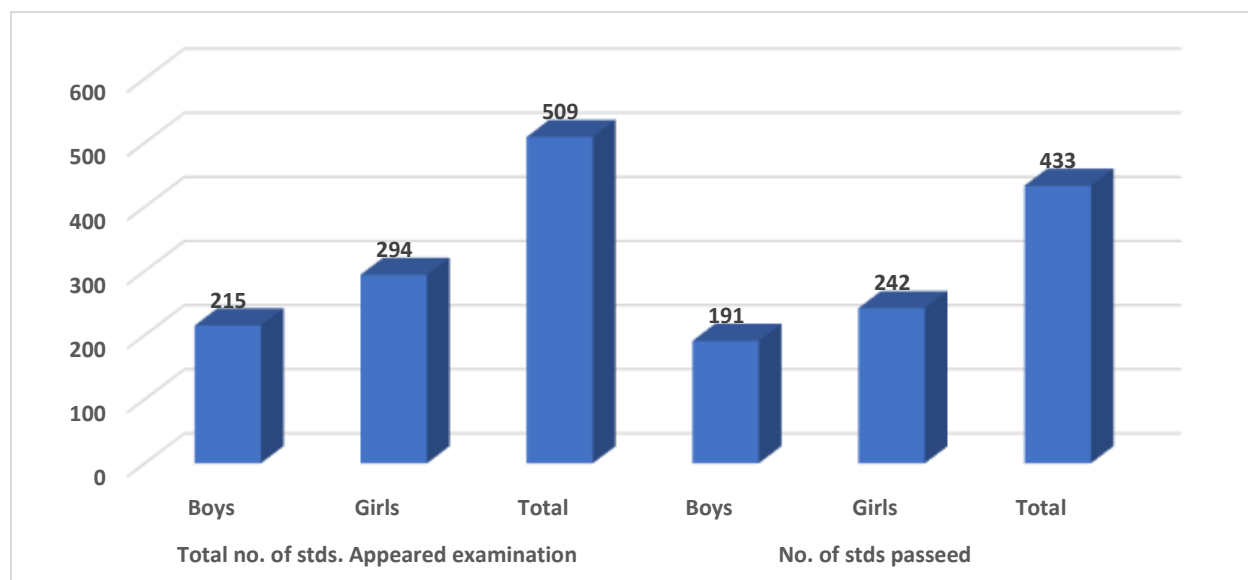
Figure 2.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED IN PEMAGATSHEL DZONGKHAG

Figure 2.1: Total of 509 students from 8 Lower Secondary Schools appeared Class VIII Board Examination. 433 students were awarded PCA while 76 of them make it to the next higher grades.

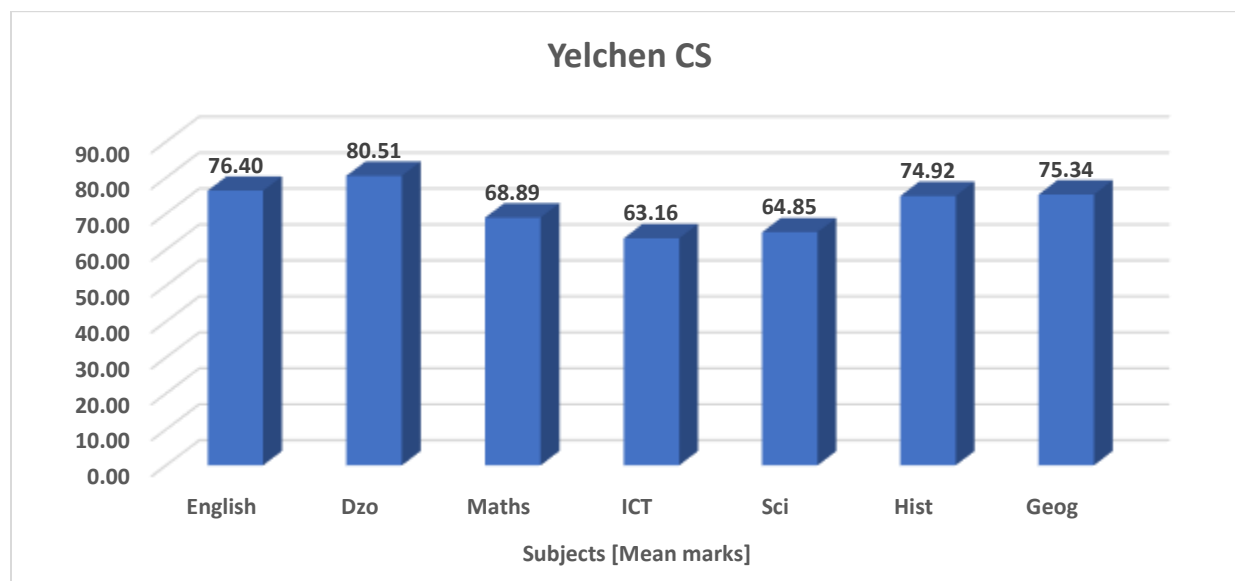
Figure 2.2: SUBJECT-WISE MEAN SCORES

Figure 2.2: Class VIII students of Yelchen CS performed well in Dzongkha and English with mean score of 80.51 and 76.40 respectively. ICT and Science have the lowest mean score of 63.16 and 64.85 respectively. The mean scores of all subjects are higher than the National Mean scores.

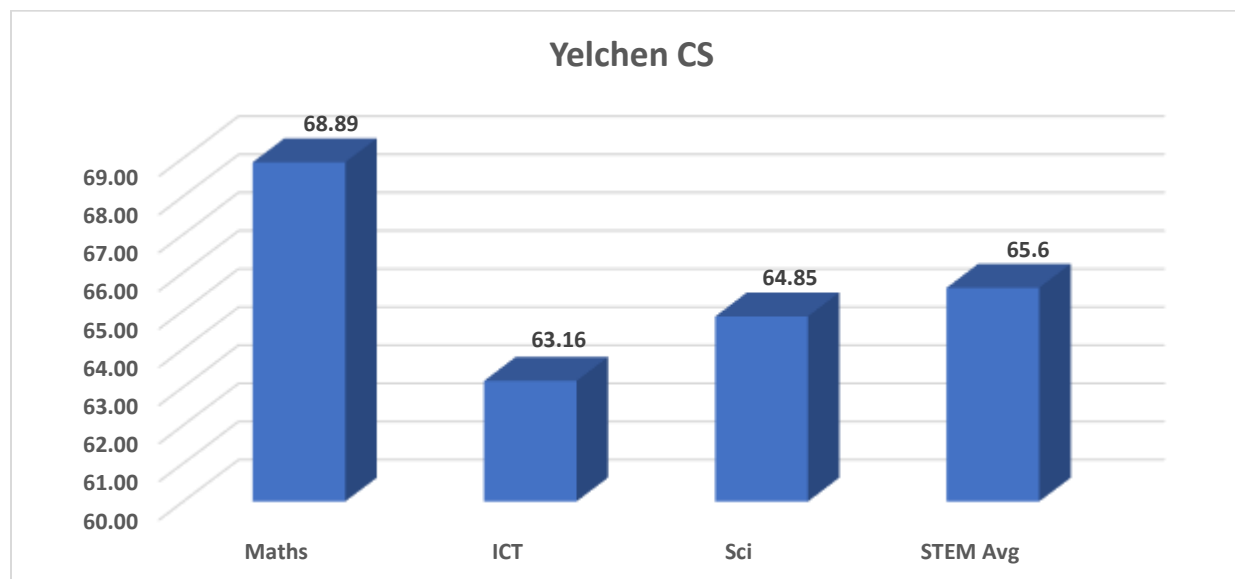
Figure 2.3: MEAN SCORE OF STEM SUBJECTS

Figure 2.3: Students performed better in maths followed by science with mean scores of 68.89 and 64.85 respectively. The average mean score of STEM subjects is 65.6.

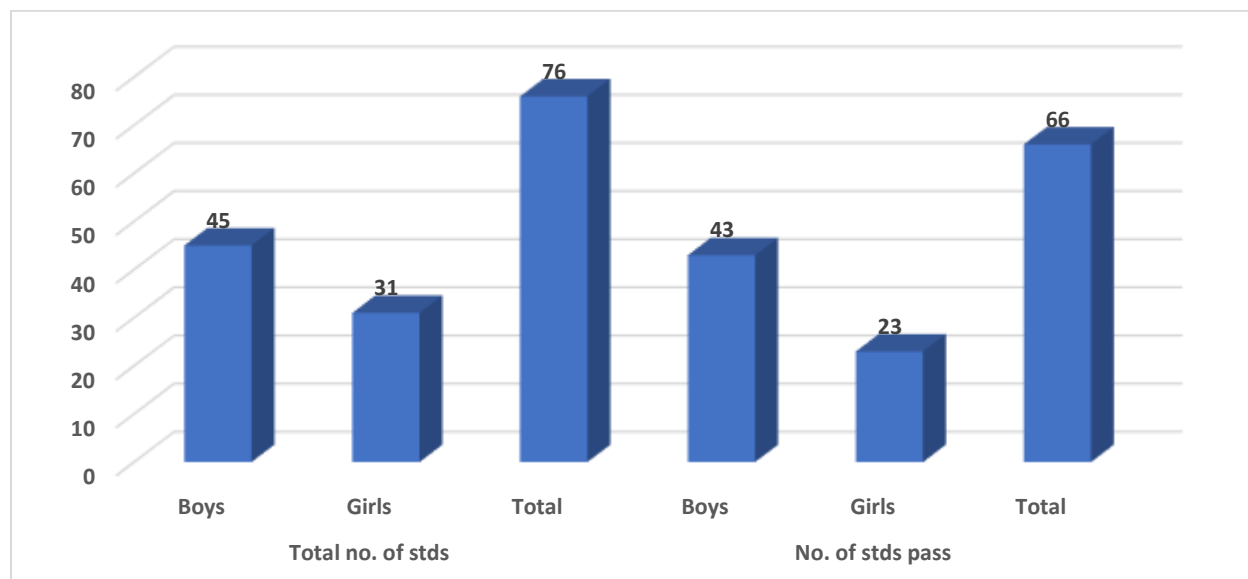
Figure 2.4: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

Figure 2.4: 76 class VIII students of Yelchen CS appeared for examination. 66 of the could make it to the next higher grades while 10 of them were not awarded PCA. 2 boys and 8 girls could not qualify for the next higher grade.

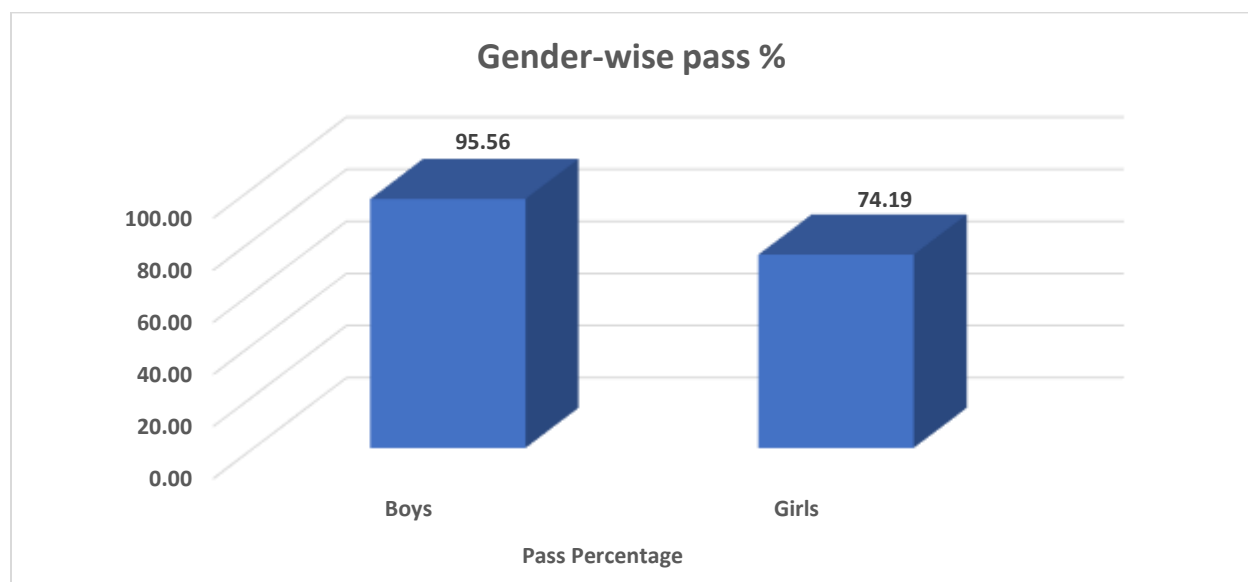
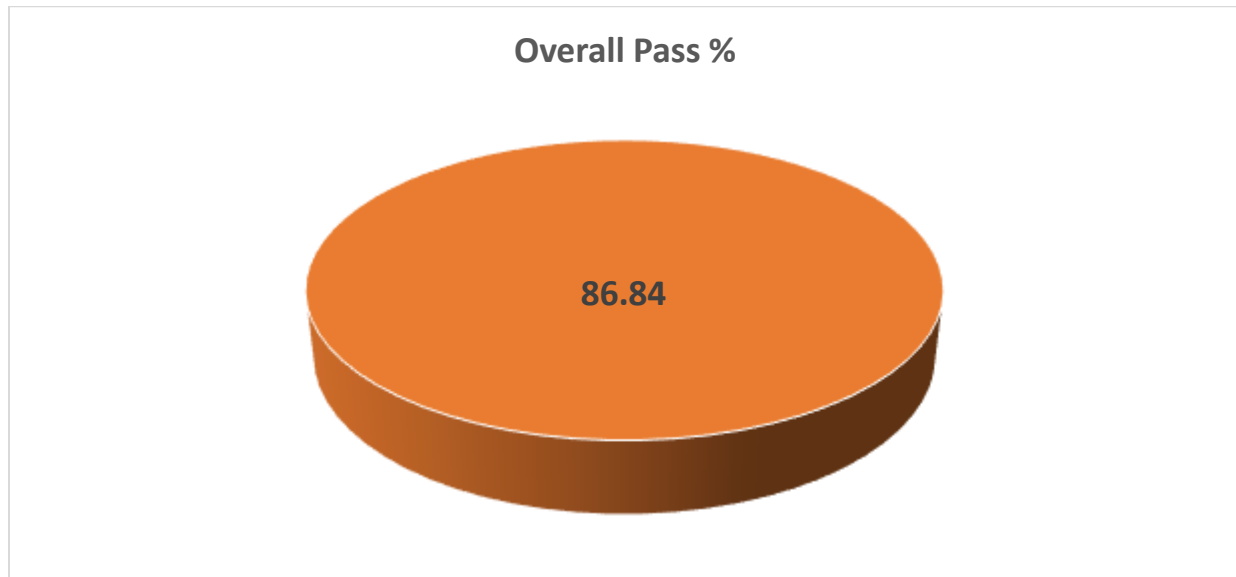
Figure 2.5: GENDER-WISE PASS PERCENTAGE

Figure 2.5: Boys performed better than girls in class VIII at Yelchen CS. The pass percentage of boys is 95.56% and girls is 74.19%.

Figure 2.6: OVERALL PASS PERCENTAGE**Figure 2.6:** The overall pass percentage of class VIII at Yelchen CS is 86.84%

CHAPTER 3

CLASS VIII – RESULT ANALYSIS

NANGKOR CS

Figure 3.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

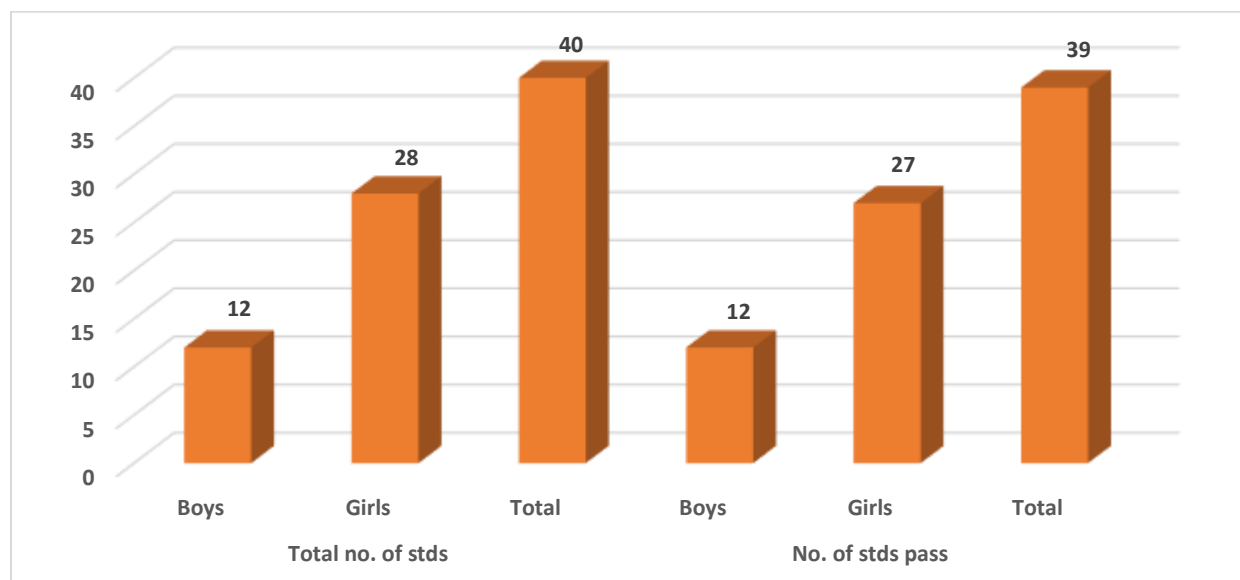


Figure 3.1: Nangkor CS Class VIII students did well in the examination. Only one student could not make it to the next higher grade. 39 out of 40 students failed to secured pass marks. The mean score of all subjects is higher than the National mean scores.

Figure 3.2: SUBJECT-WISE MEAN SCORE

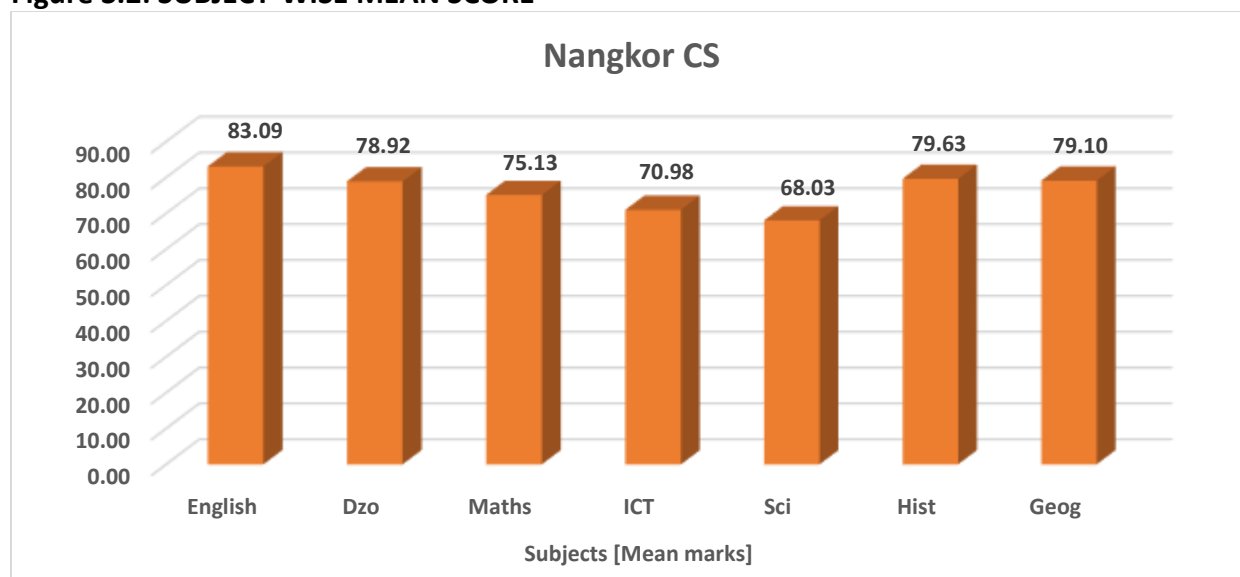


Figure 3.2: Nangkor CS class VIII students did well in English with 83.09 mean score followed by History with 79.63 mean score. Science has the lowest mean score with 68.03 mean score. All subjects have higher mean score than the national mean scores.

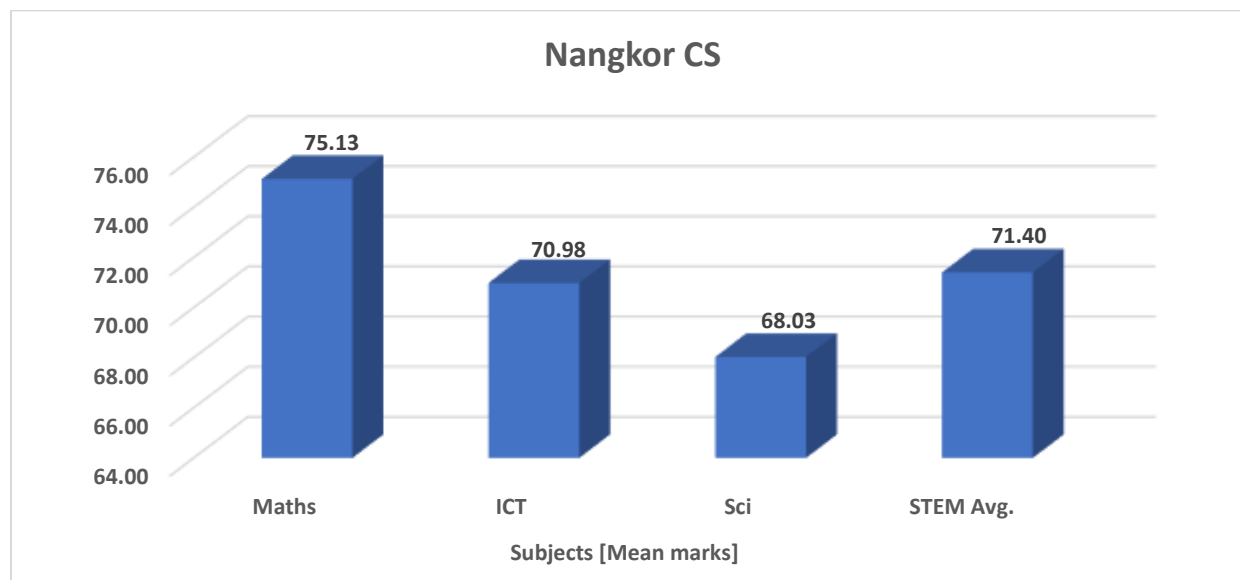
Figure 3.3: MEAN SCORE OF STEM SUBJECTS

Figure 3.3: Class VIII of Nangkor CS performed better in Maths with 75.13 mean score followed by ICT and Science with 70.98 and 68.03 respectively. The average mean score of STEM Subjects is 71.40.

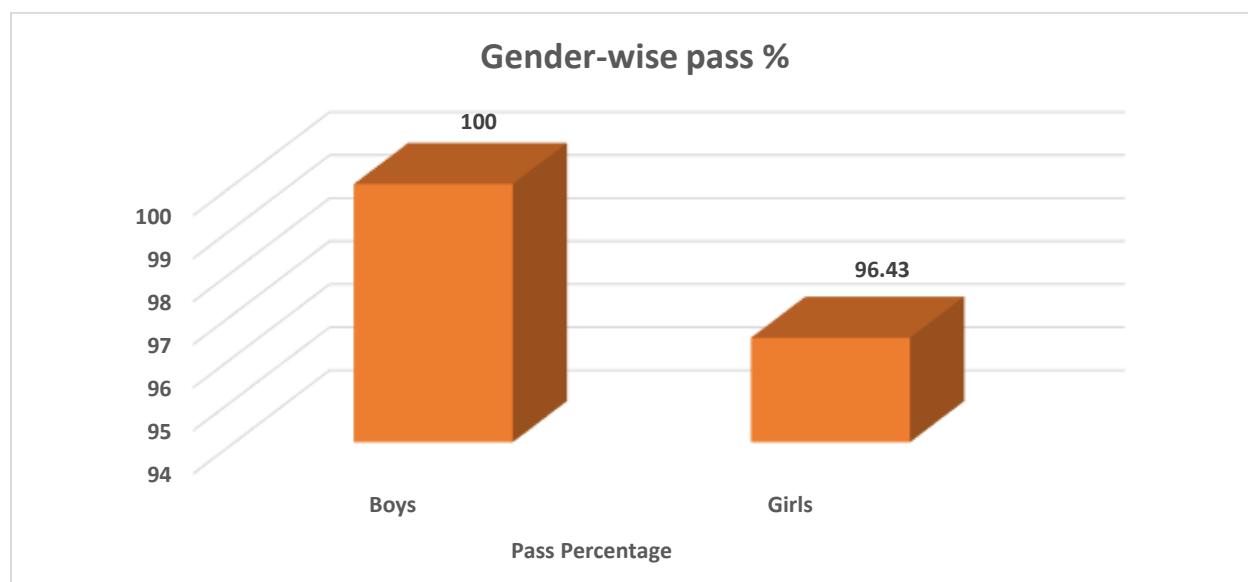
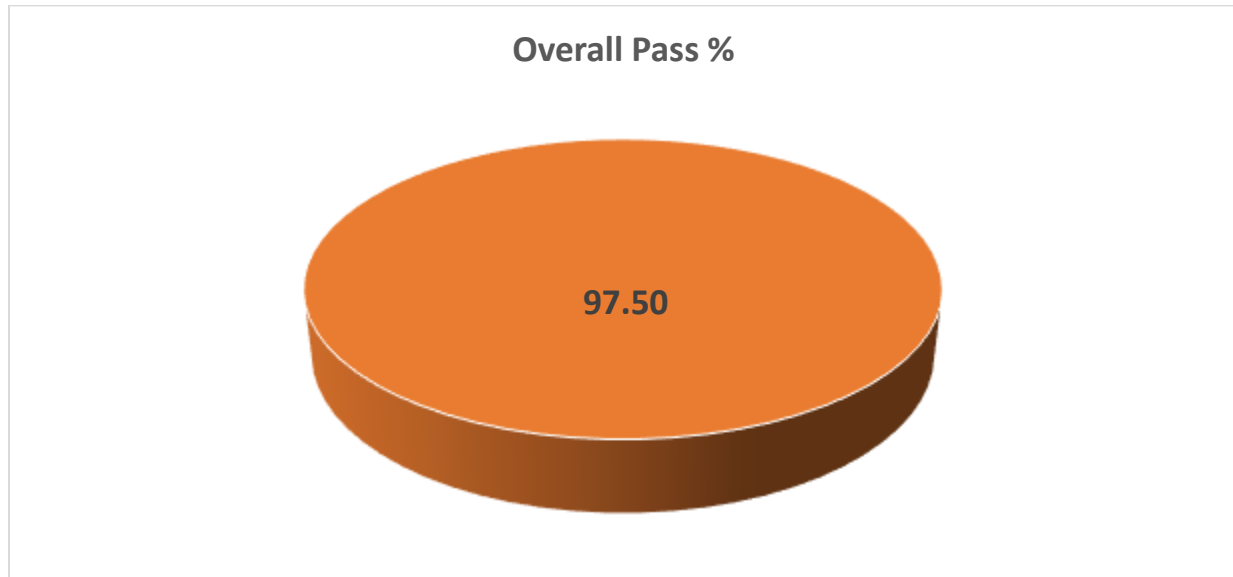
Figure 3.4: GENDER-WISE PASS PERCENTAGE

Figure 3.4: Boys out performed girls in class VIII at Nangkor CS. The pass percentage of boys is 100% and girls is 96.43%

Figure 3.5: OVERALL PASS PERCENTAGE**Figure 3.5:** The overall pass percentage of Class VIII is 97.50%

CHAPTER 4
CLASS VIII – RESULT ANALYSIS
PEMAGATSHEL MSS

Figure 4.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

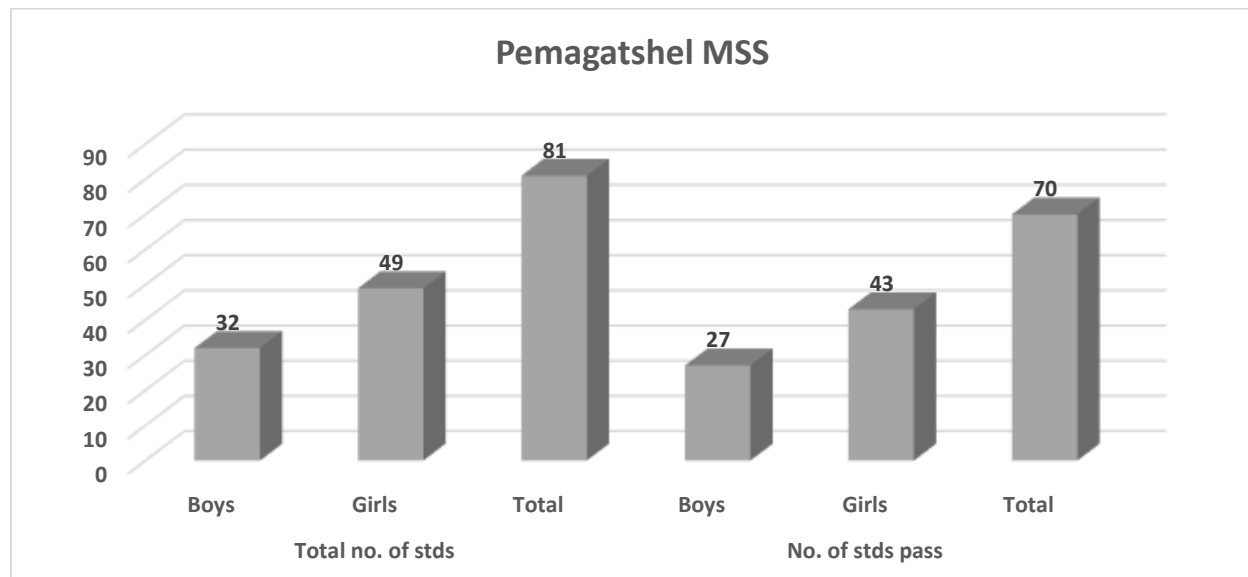


Figure 4.1: 81 class VIII students of Pemagatshel MSS appeared the examination with 32 boys and 49 girls. 70 of them were awarded PCA with 27 boys and 43 girls.

Figure 4.2: SUBJECT-WISE MEAN SCORE

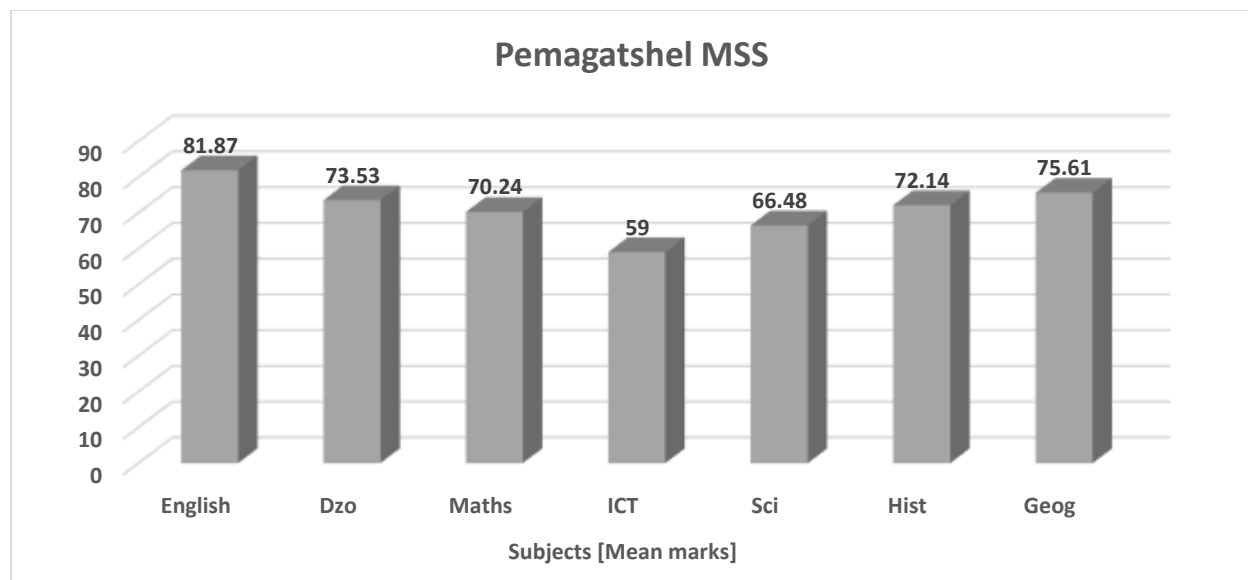


Figure 4.2: English topped the list with 81.87 mean score followed by Geography with 75.61 mean score. ICT with the lowest mean score of 59. ICT and History mean scores are less than the National mean scores.

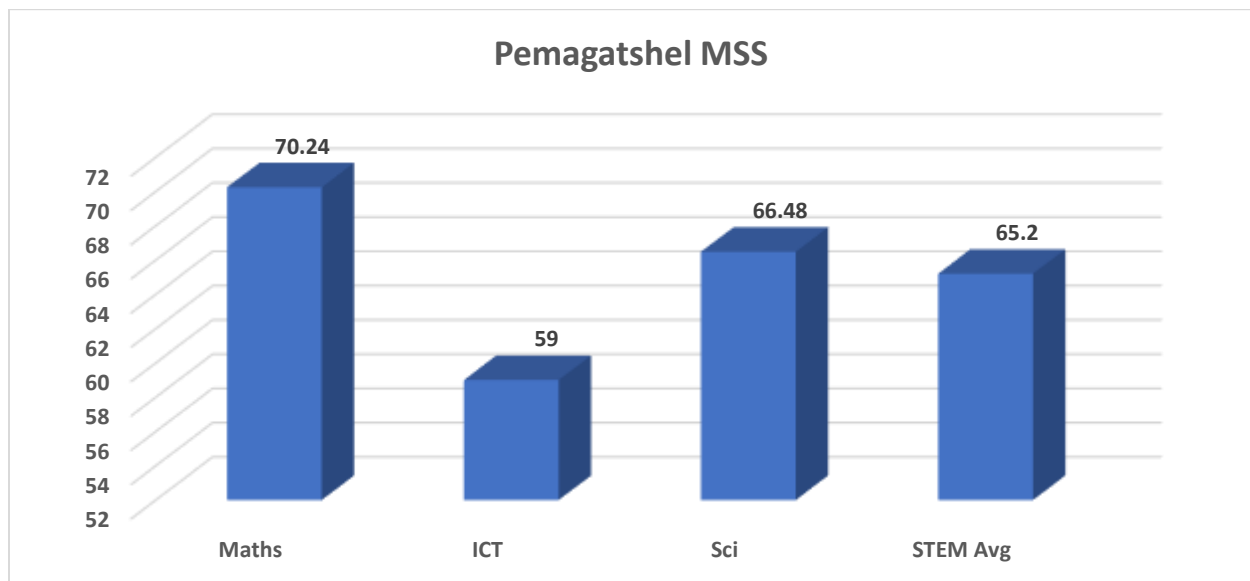
Figure 4.3: MEAN SCORE OF STEM SUBJECTS

Figure 4.3: School performed well in mathematics with 70.24 mean score followed by science with 66.48. The average mean score of STEM subjects is 65.2.

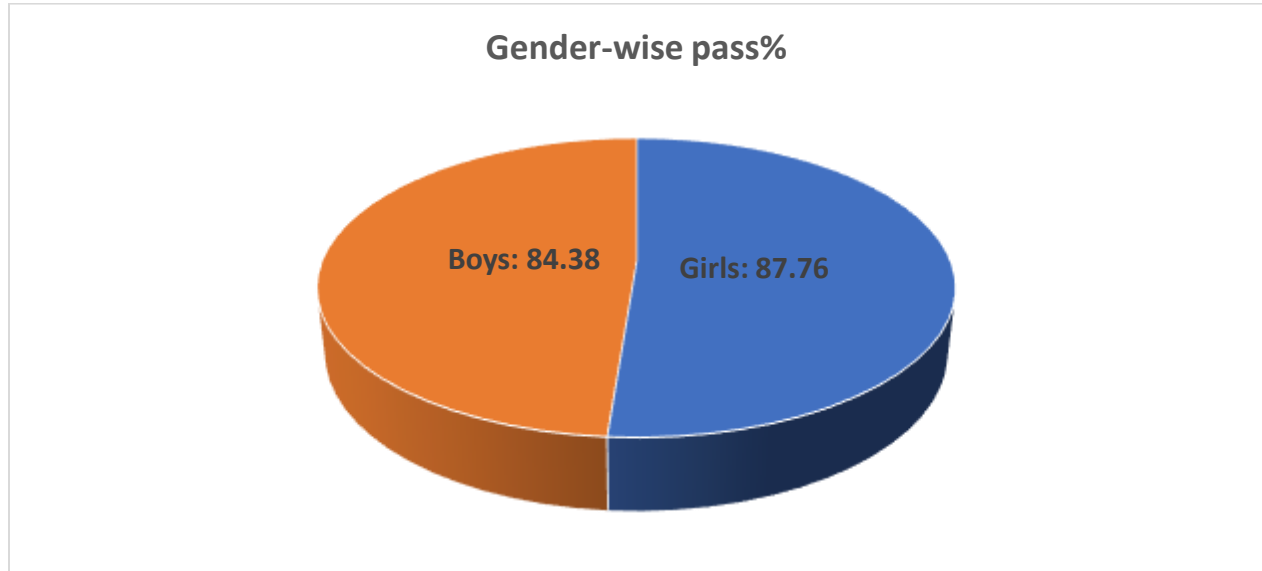
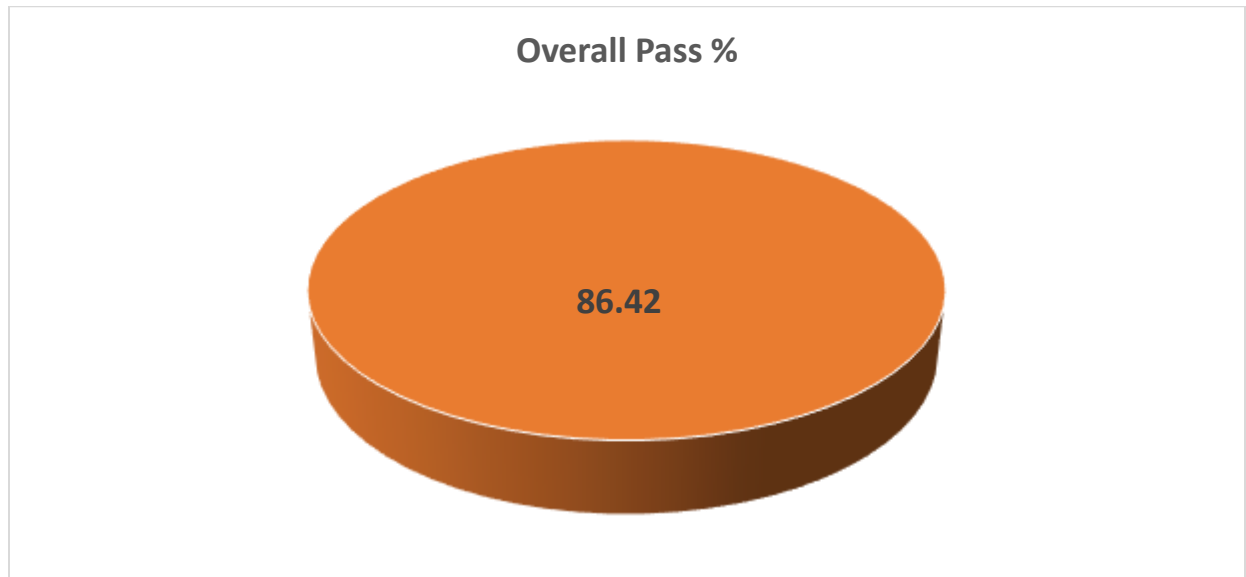
Figure 4.4: GENDER-WISE PASS PERCENTAGE

Figure 4.4: Girls outperformed boys with pass percentage of 87.76 and that of boys is 84.38.

Figure 4.5: OVERALL PASS PERCENTAGE**Figure 4.5:** The overall performance of class VIII of Pemagatshel MSS is 86.42 %.

CHAPTER 5
CLASS VIII – RESULT ANALYSIS
NGANGLAM MSS

Figure 5.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

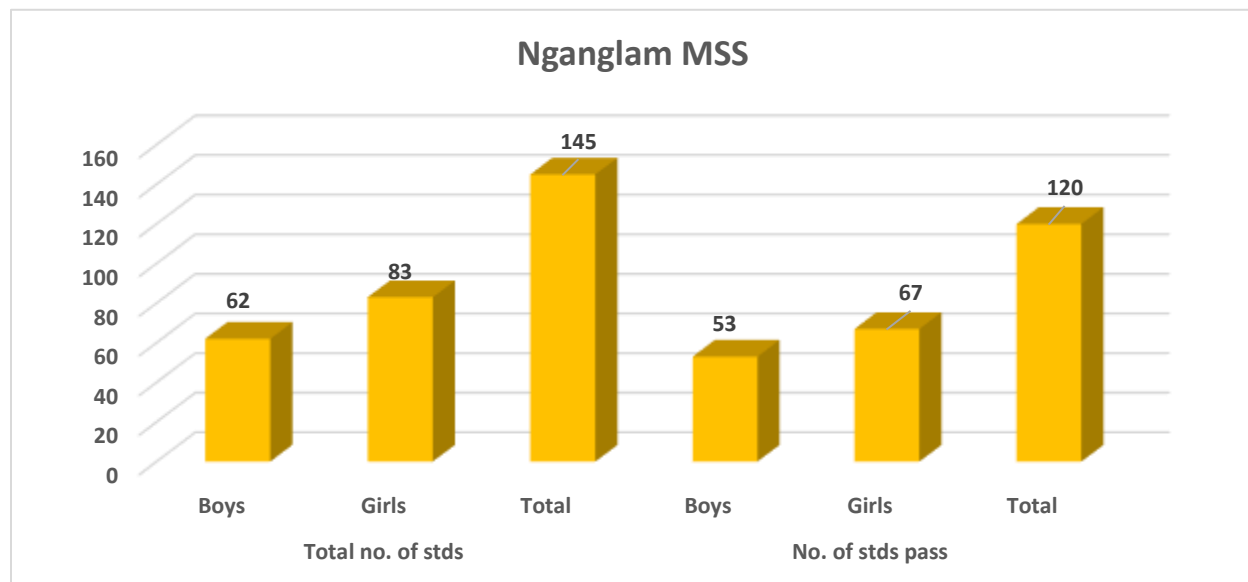


Figure 5.1: Out of 145 students, 120 of them were awarded PCA. 53 boys and 67 girls qualified for the next higher grade.

Figure 5.2: SUBJECT-WISE MEAN SCORE

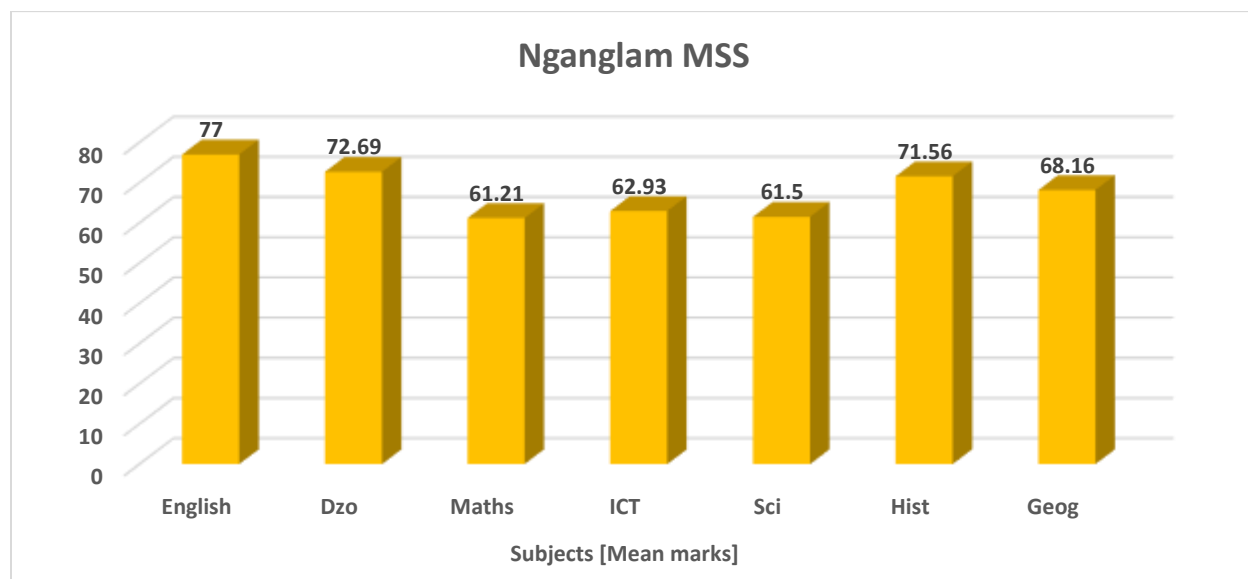


Figure 5.2: Nganglam MSS class VIII students performed well in English with 77 mean score followed by History with 72.69. Science and mathematics lowest mean score of 61.21 and 61.5 respectively. Maths, Science, History and Geography have lower mean scores than the National mean scores.

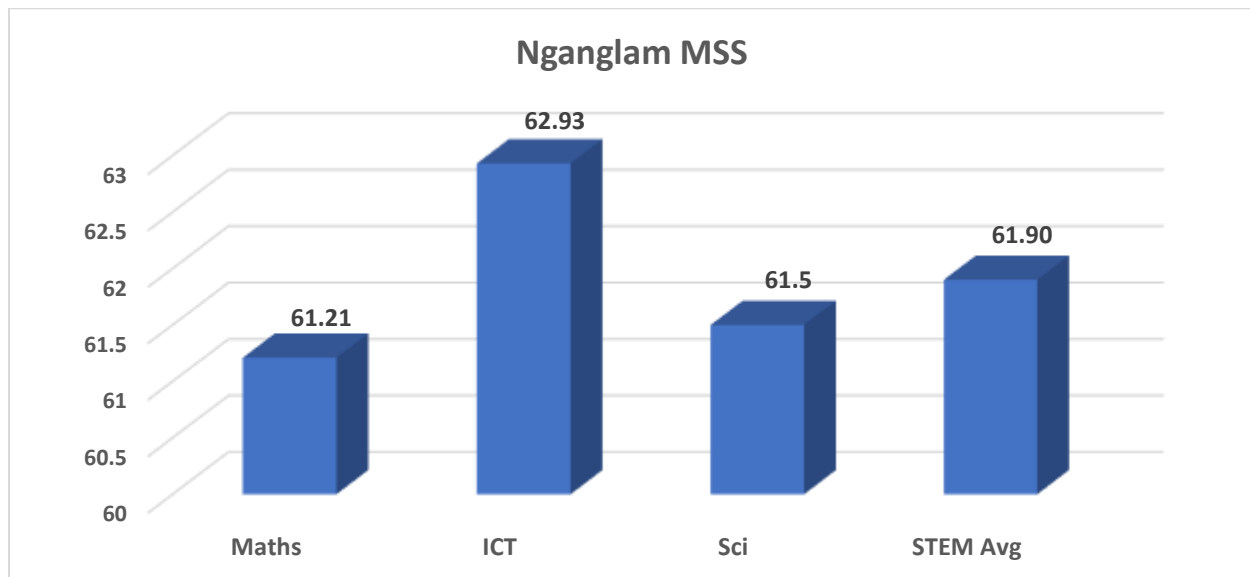
Figure 5.3: MEAN SCORE OF STEM SUBJECTS

Figure 5.3: ICT topped the list with 62.93 mean score. The average mean score of STEM subject is 61.9.

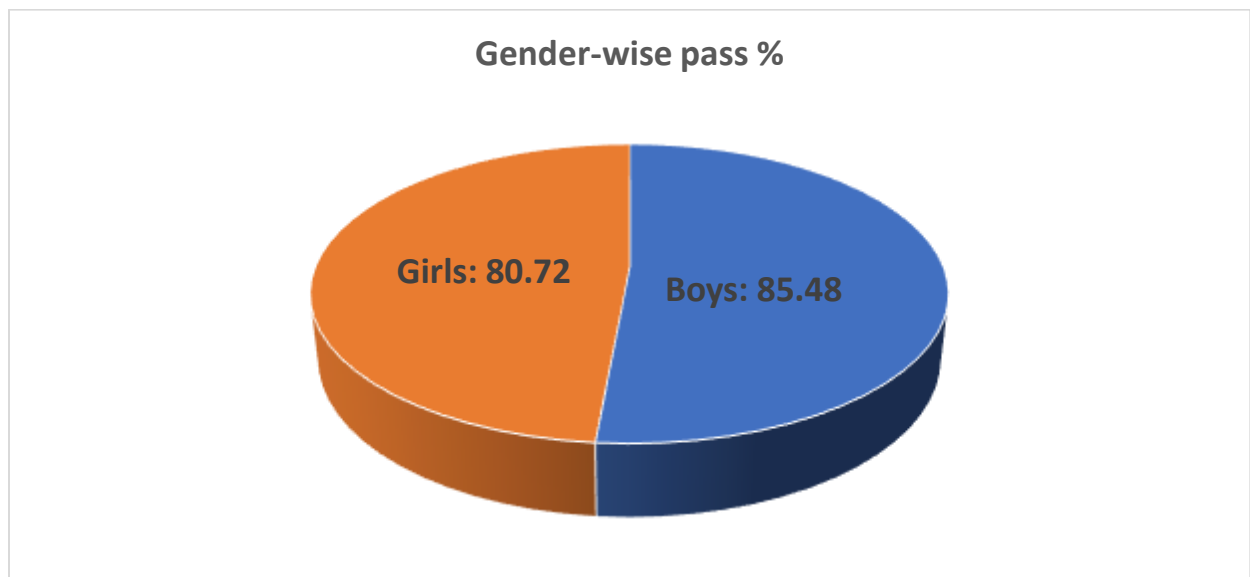
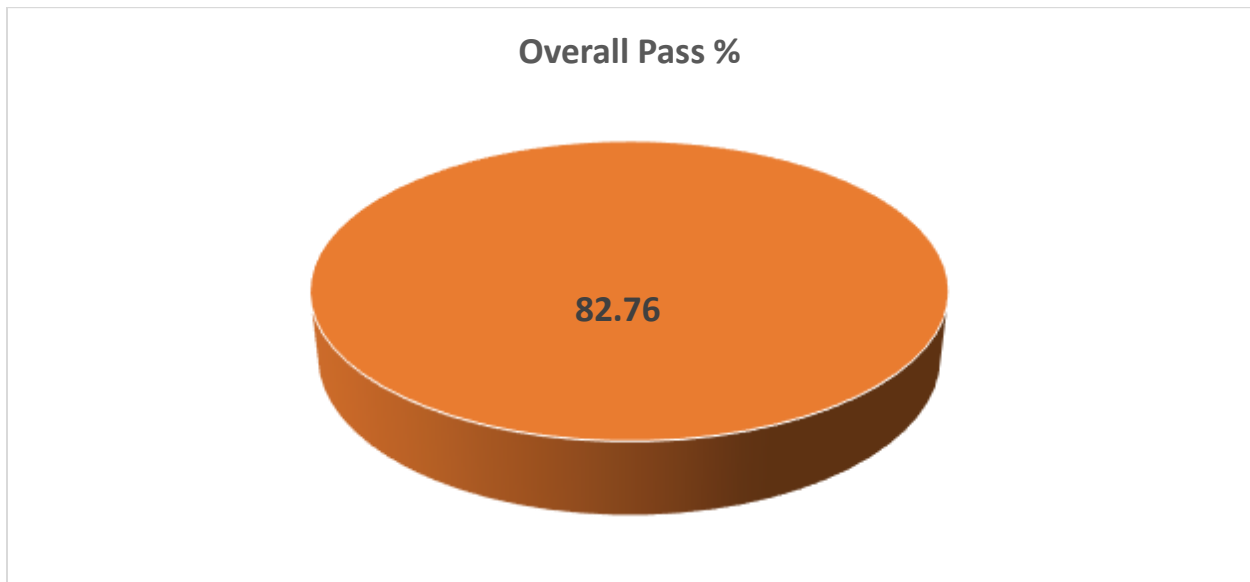
Figure 5.4: GENDER-WISE PASS PERCENTAGE

Figure 5.4: The pass percentage of boys is higher than the girls with 85.48 and 80.72 respectively.

Figure 5.5: OVERALL PASS PERCENTAGE**Figure 5.5:** The overall pass percentage of Class VIII for Nganglam MSS is 82.76%

CHAPTER 6
CLASS VIII – RESULT ANALYSIS
YURUNG CS

Figure 6.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

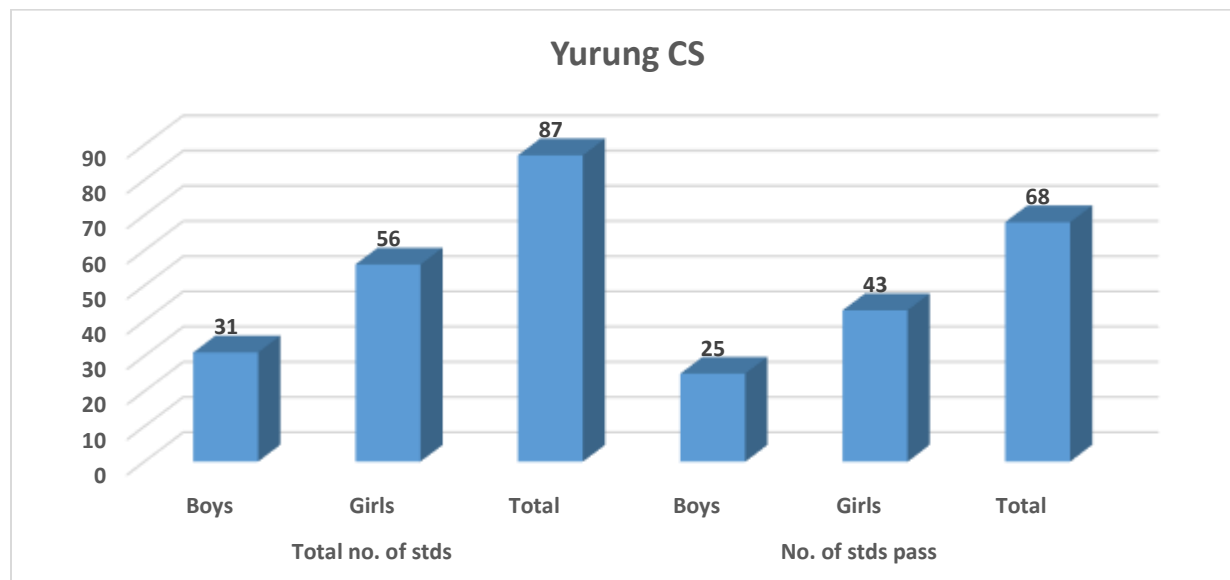


Figure 6.1: 87 students appeared the examination. 68 of them got through while 9 of them failed to qualify for the next higher grade.

Figure 6.2: SUBJECT-WISE MEAN SCORE

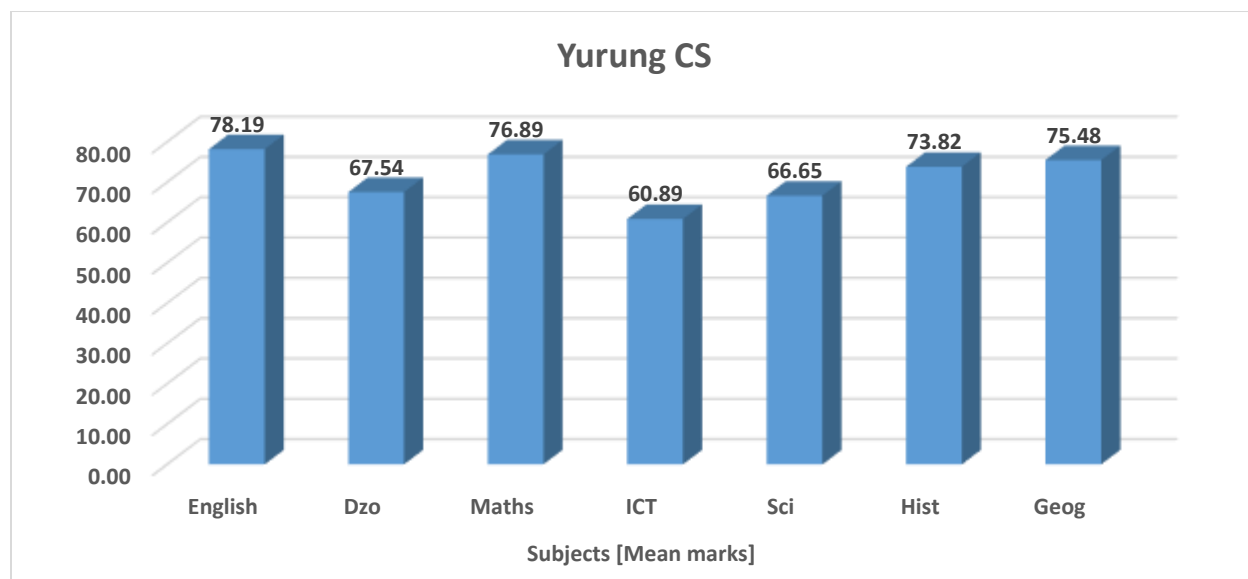


Figure 6.2: English topped the list with 78.19 mean score followed by Maths with 76.89. ICT with the lowest mean score of 60.89.

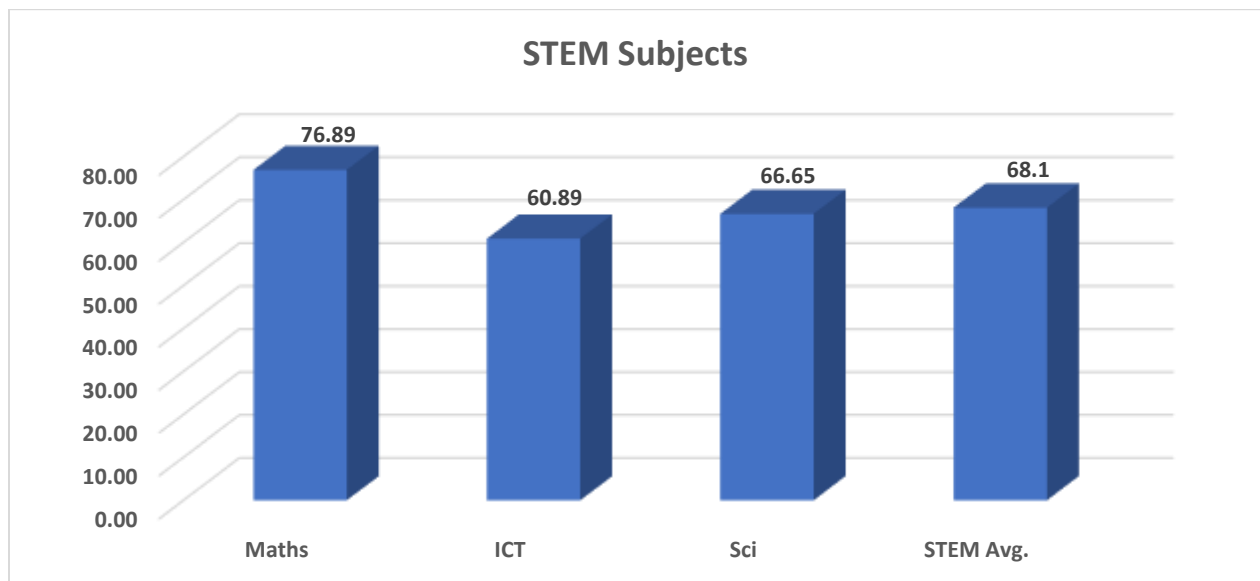
Figure 6.3: MEAN SCORE OF STEM SUBJECTS

Figure 6.3: Of the three science subjects, Mathematics topped the list with 76.89 mean score. The average STEM subject is 68.1.

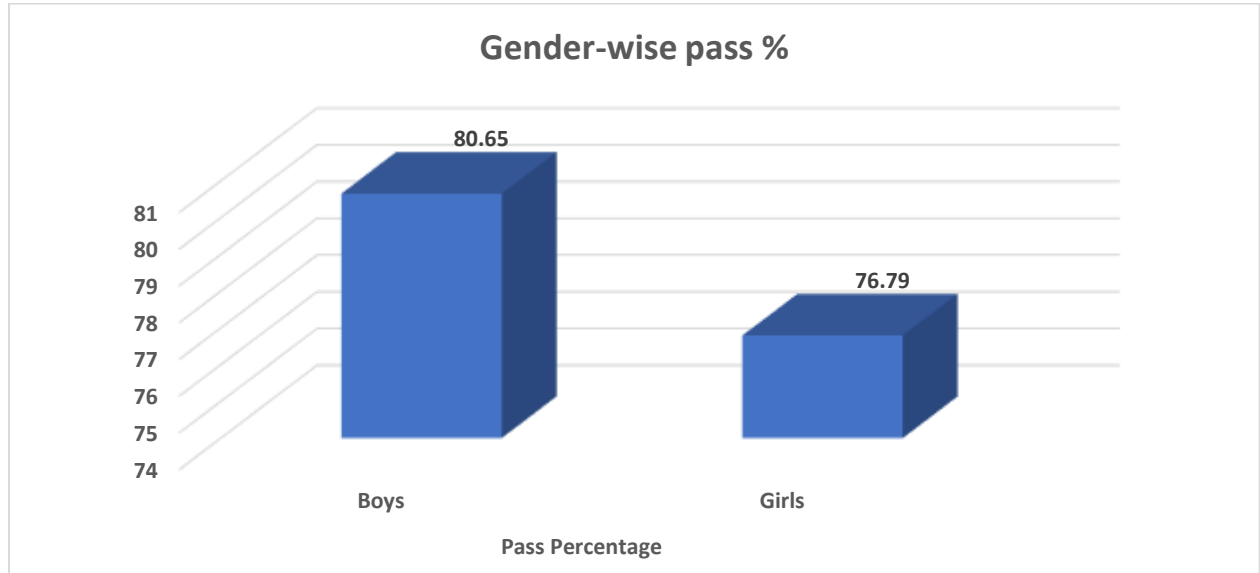
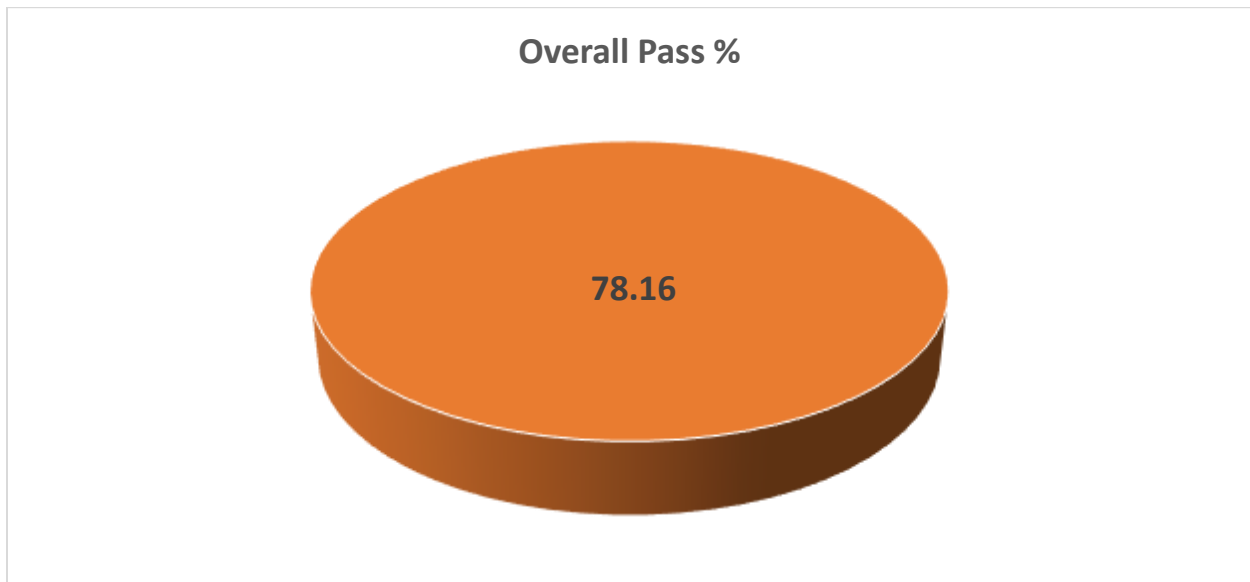
Figure 6.4: GENDER-WISE PASS PERCENTAGE

Figure 6.4: The pass percentage of boys is 80.65% and girls is 76.79%.

Figure 6.5: OVERALL PASS PERCENTAGE**Figure 5.5:** The overall pass percentage is 78.16%.

CHAPTER 7
CLASS VIII – RESULT ANALYSIS
KHAR MSS

Figure 7.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

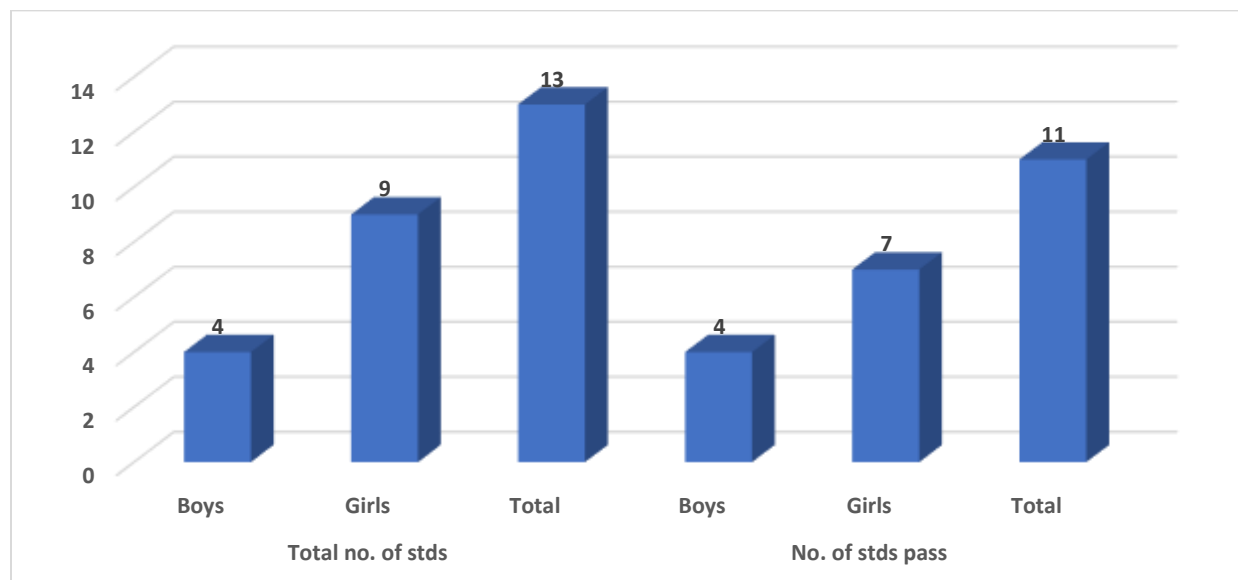


Figure 7.1: Only 13 students appeared examination from Khar MSS. 11 students got through the examination. 2 girls were awarded PCNA.

Figure 7.2: SUBJECT-WISE MEAN SCORE

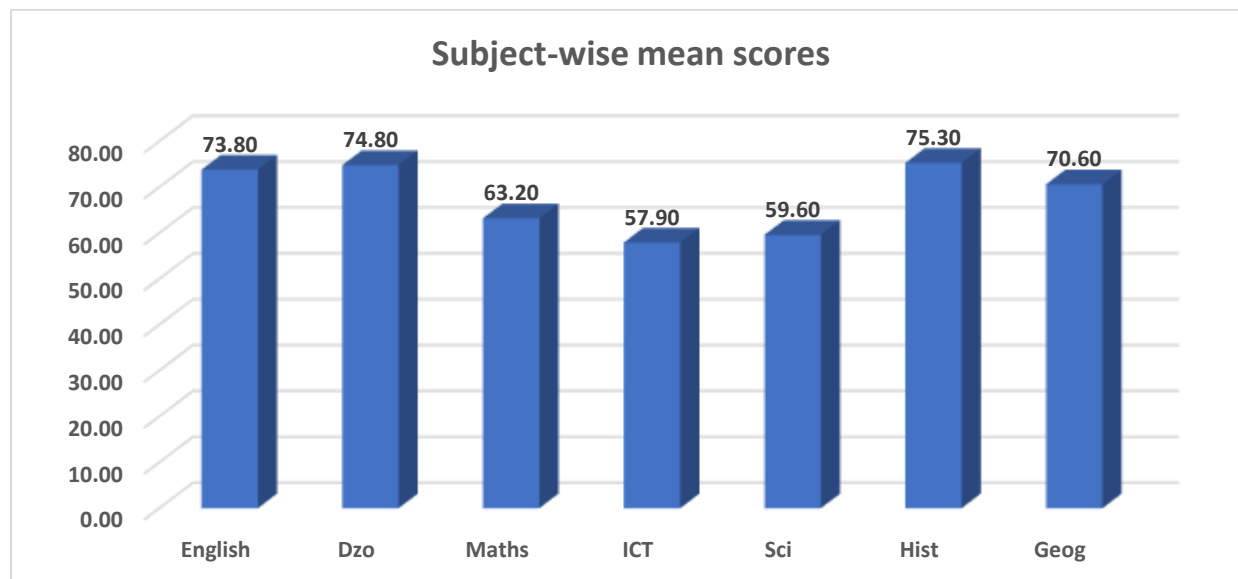


Figure 7.2: Khar MSS students did well in History and Dzongkha with mean score of 75.30 and 74.80 respectively. ICT and Science have the lowest mean score of 57.90 and 59.60 respectively. Except for Dzongkha and History, all other subjects mean scores are below the national mean.

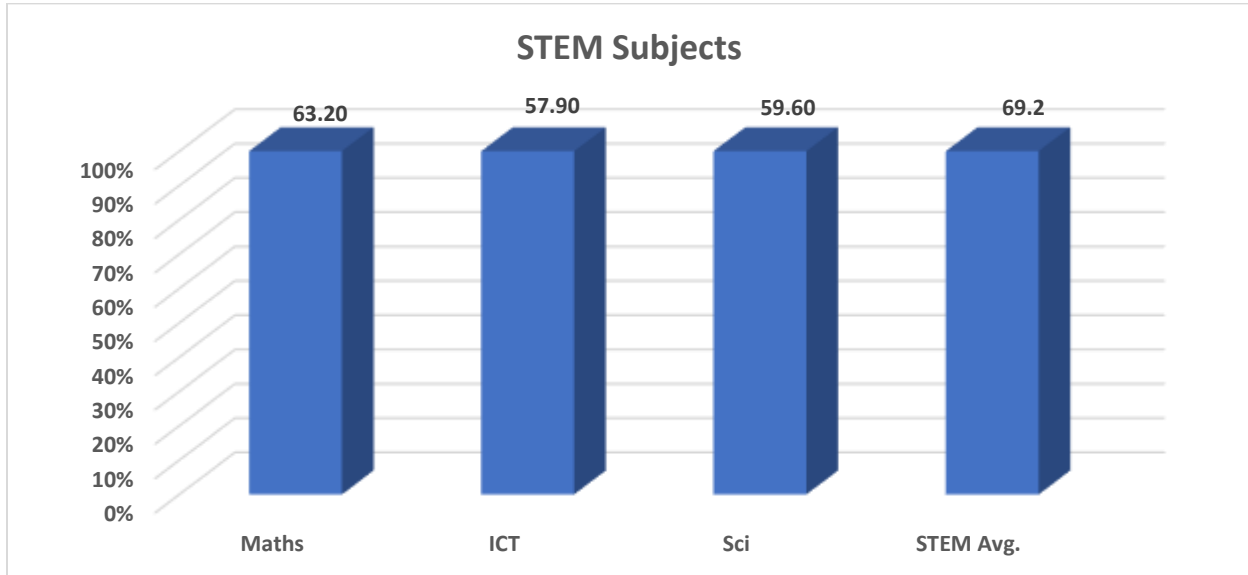
Figure 7.3: MEAN SCORE OF STEM SUBJECTS

Figure 7.3: Students of Khar MSS performed well in Maths with 63.2 mean score. The average of STEM subjects is 69.2.

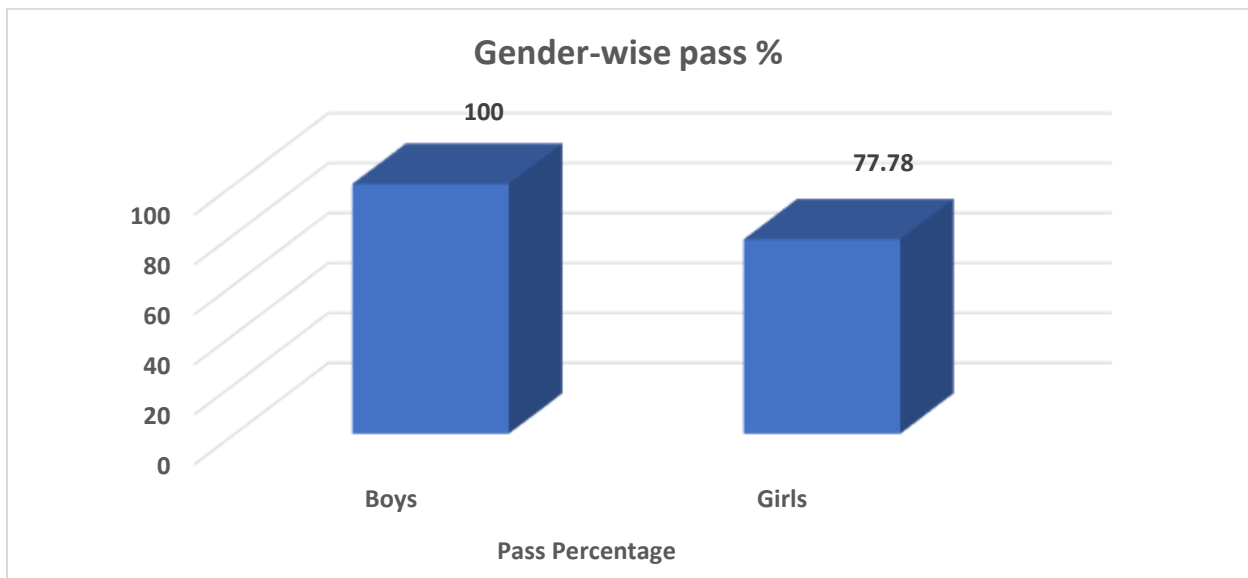
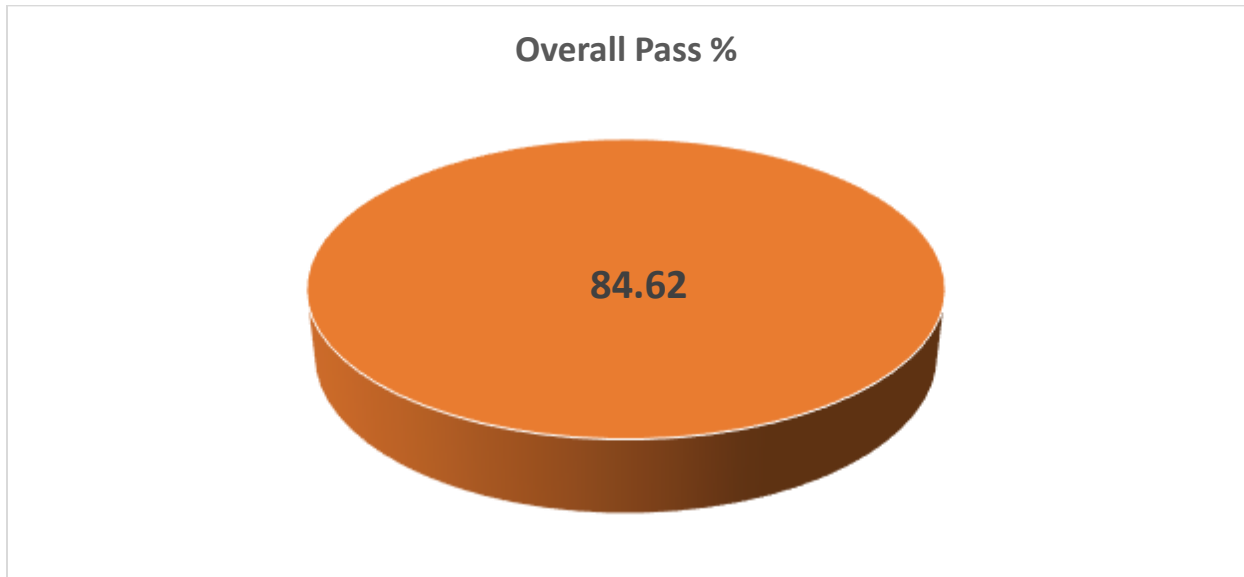
Figure 7.4: GENDER-WISE PASS PERCENTAGE

Figure 7.4: The pass percentage of boys is 100% and 77.78% for girls. Out of 9 girls, 7 girls got through to the next higher grade.

Figure 7.5: OVERALL PASS PERCENTAGE**Figure 7.5:** The overall pass percentage of Class VIII of Khar MSS is 84.62%

CHAPTER 8

CLASS VIII – RESULT ANALYSIS

DECHELING LSS

Figure 8.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

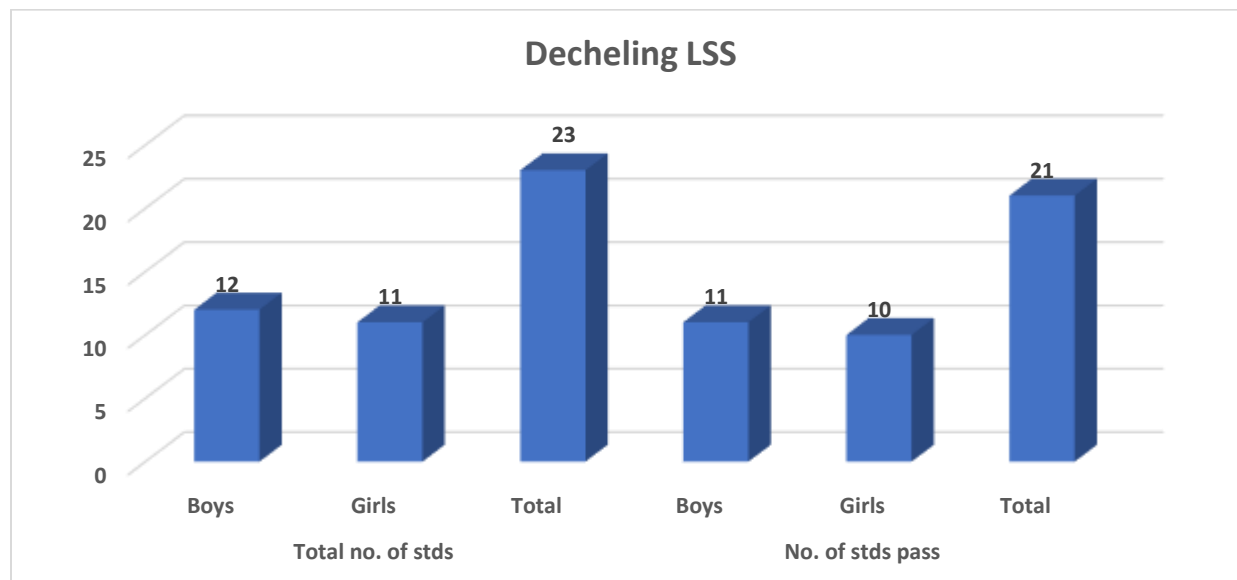


Figure 8.1: 44 students comprising of 17 boys and 27 girls appeared the examination. 38 students were awarded PCA. 6 students failed to get through the examination.

Figure 8.2: SUBJECT-WISE MEAN SCORE

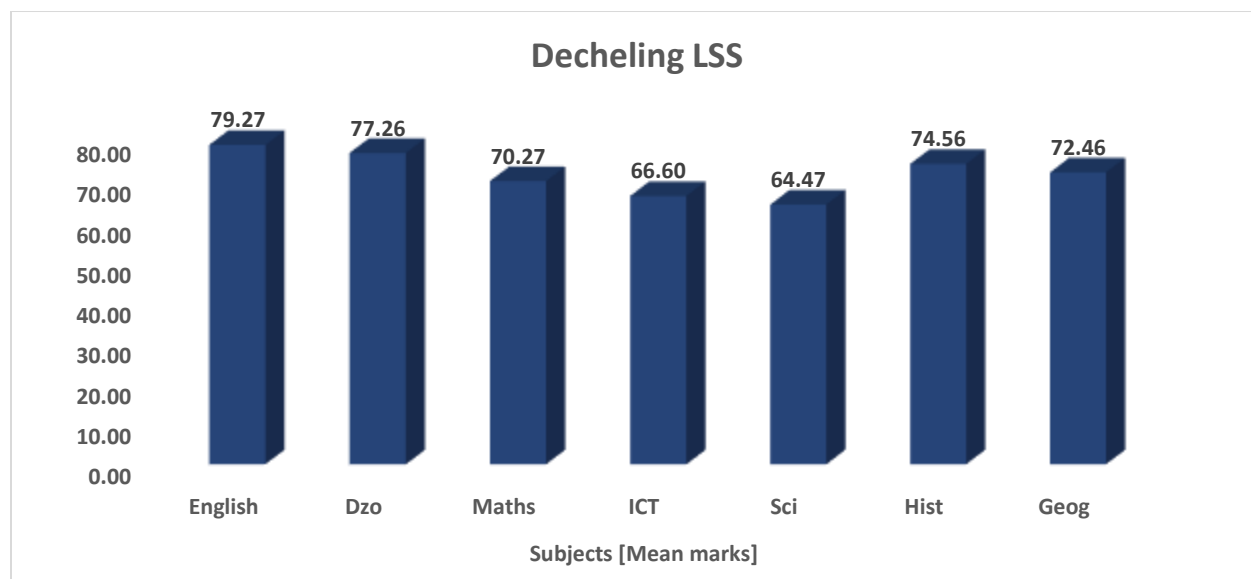


Figure 8.2: Class VIII students of Decheling LSS performed better in English and Dzongkha with mean score of 79.27 and 77.26. Science has the lowest mean score of 64.47. All the subjects have higher mean score than the national mean scores.

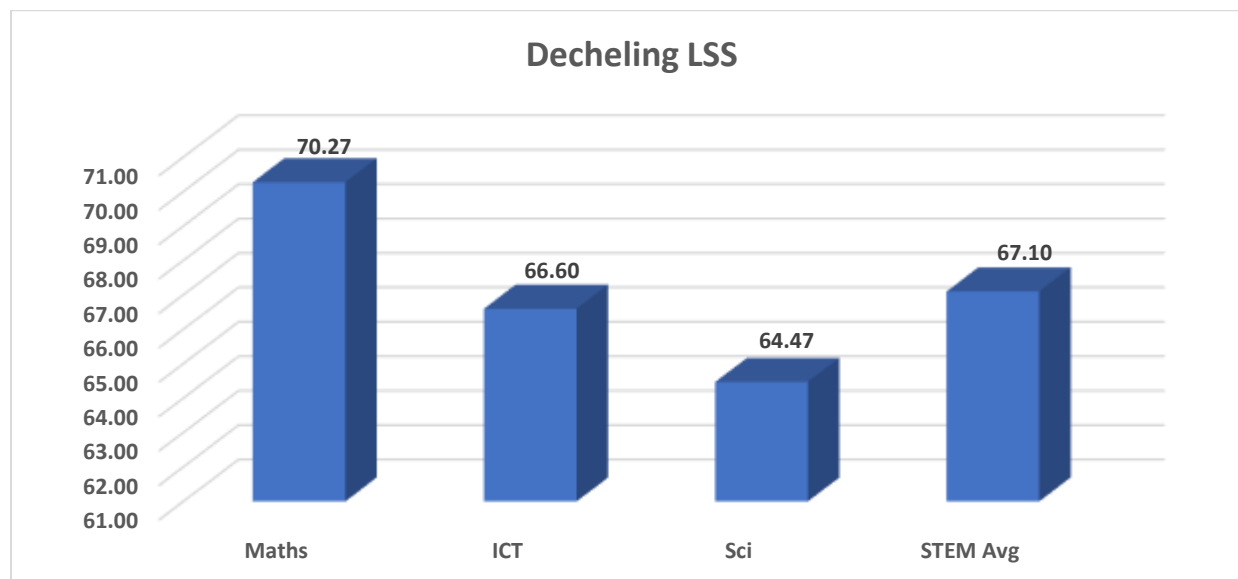
Figure 8.3: MEAN SCORE OF STEM SUBJECTS

Figure 8.3: Mathematics has the highest mean score amongst the STEM subjects of 70.27. The average STEM score is 67.1.

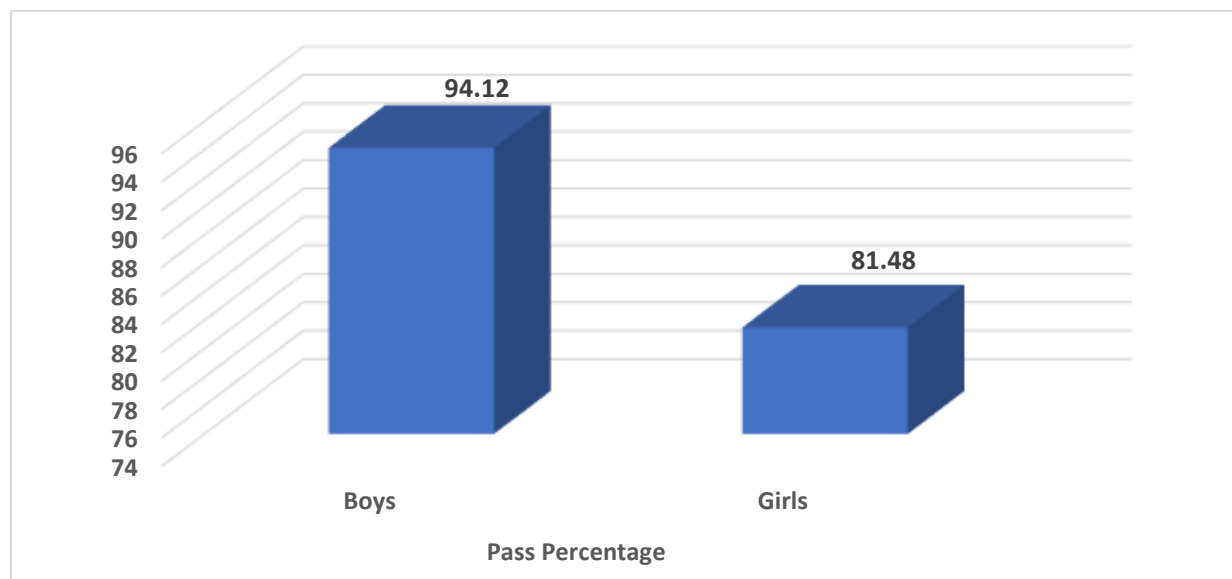
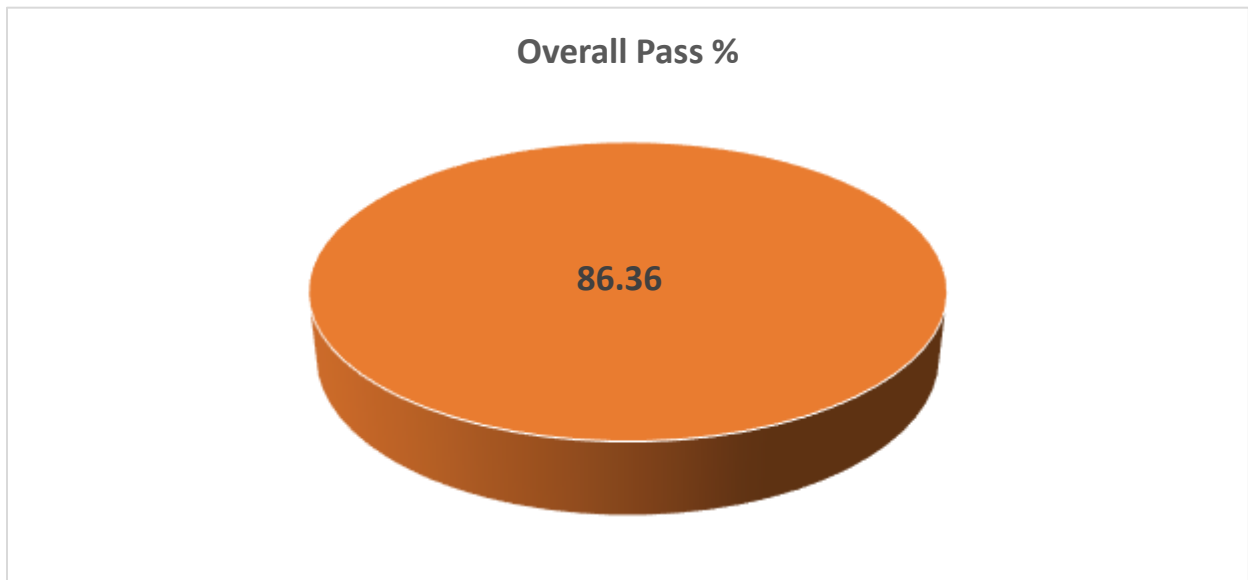
Figure 8.4: GENDER-WISE PASS PERCENTAGE

Figure 8.4: The pass percentage of boys is higher than the girls with 94.12 % and 81.48 % respectively.

Figure 8.5: OVERALL PASS PERCENTAGE**Figure 8.5:** The overall pass percentage is 86.36%.

CHAPTER 9
CLASS VIII – RESULT ANALYSIS
GONPASINGMA LSS

Figure 9.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

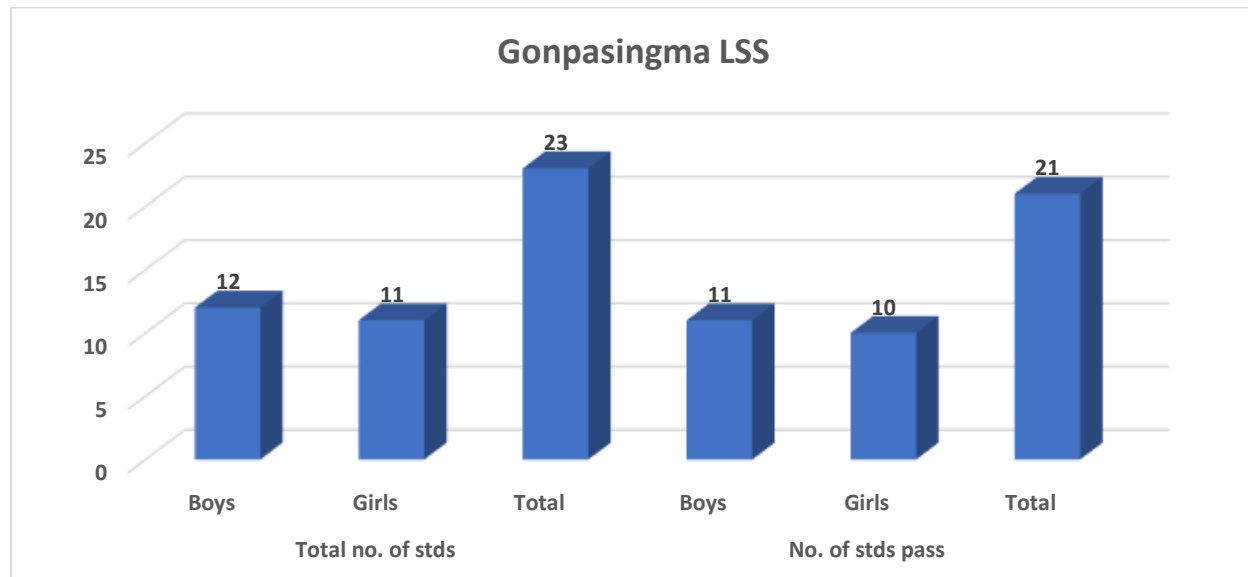


Figure 9.1: Total of 23 students appeared examination from Gonpasingma LSS. 21 of the were awarded PCA. A boy and a girl could not make it to the next higher grade.

Figure 9.2: SUBJECT-WISE MEAN SCORE

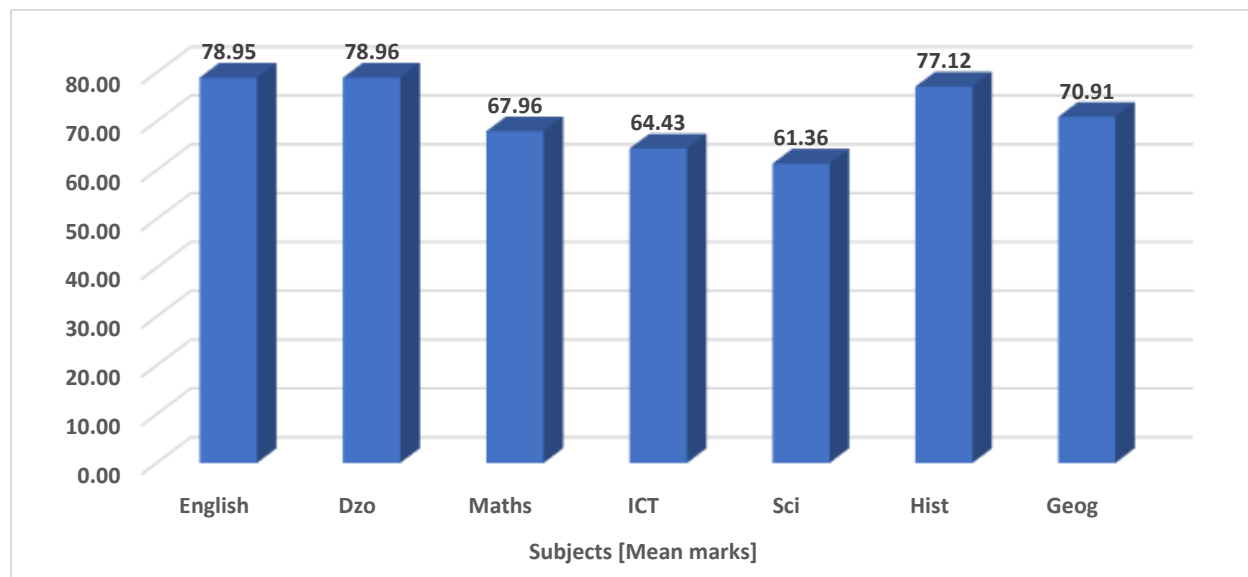


Figure 9.2: Dzongkha and English topped the list with mean score of 78.96 and 78.95 respectively for Gonpasingma LSS and Science with lowest mean score of 61.36. Except for Science and Geography, rest of the subjects mean scores are more than the national mean scores.

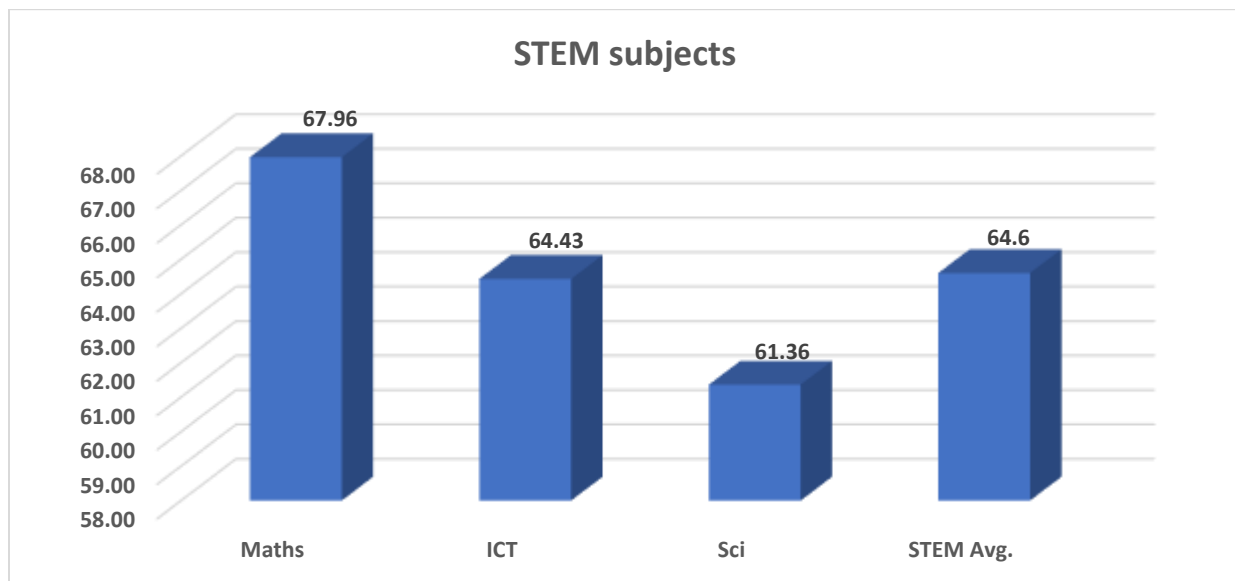
Figure 9.3: MEAN SCORE OF STEM SUBJECTS

Figure 9.3: Mathematics has the highest mean score amongst the STEM subjects with 67.96. The average mean score of STEM subject is 64.6.

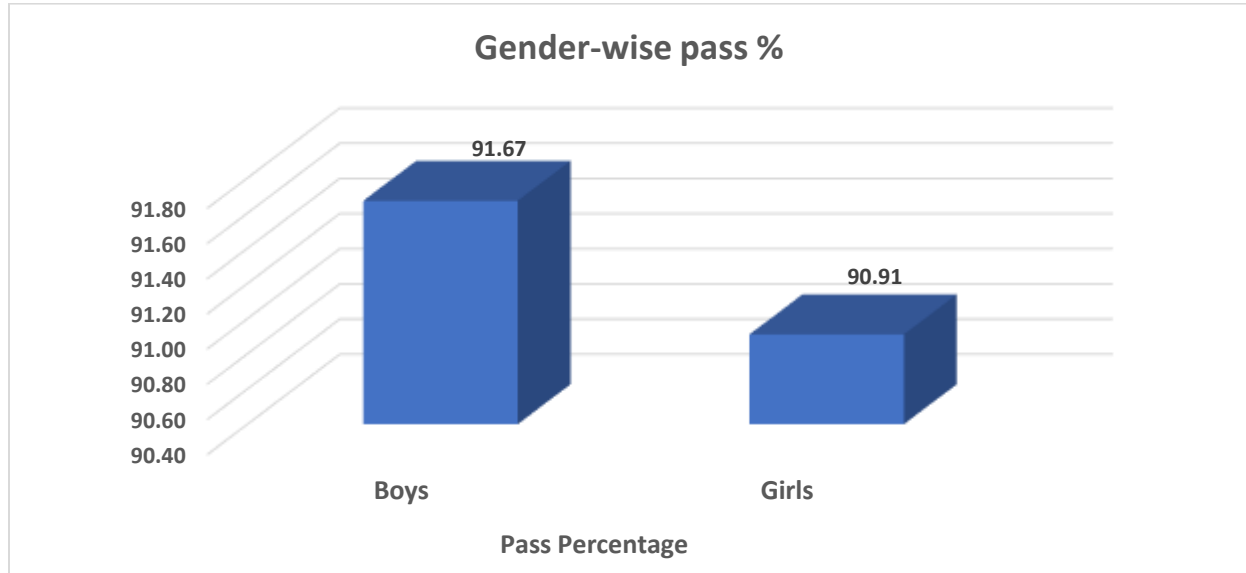
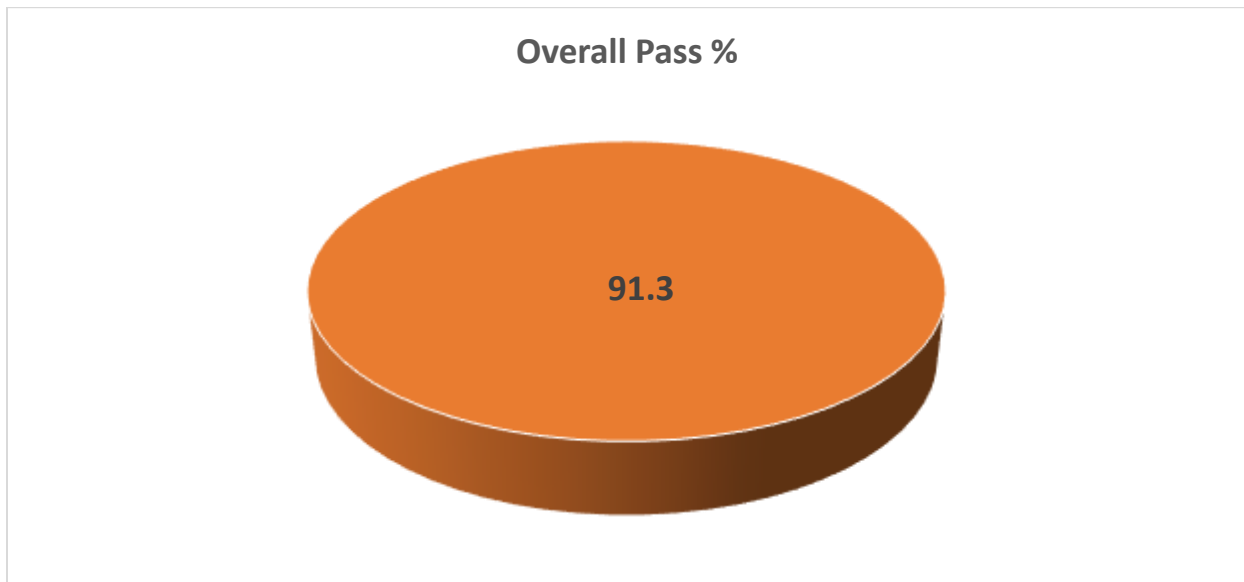
Figure 9.4: GENDER-WISE PASS PERCENTAGE

Figure 9.4: Boys performed better than girls with pass percentage of 91.67 % to 90.91 %.

Figure 9.5: OVERALL PASS PERCENTAGE**Figure 9.5:** The overall pass percentage for class VIII students of Gonpasingma LSS is 91.3 %

CHAPTER 10
CLASS VIII – SCHOOL-WISE MEAN SCORES
[ALL SCHOOLS]

Figure 10.1: SCHOOL-WISE MEAN SCORE

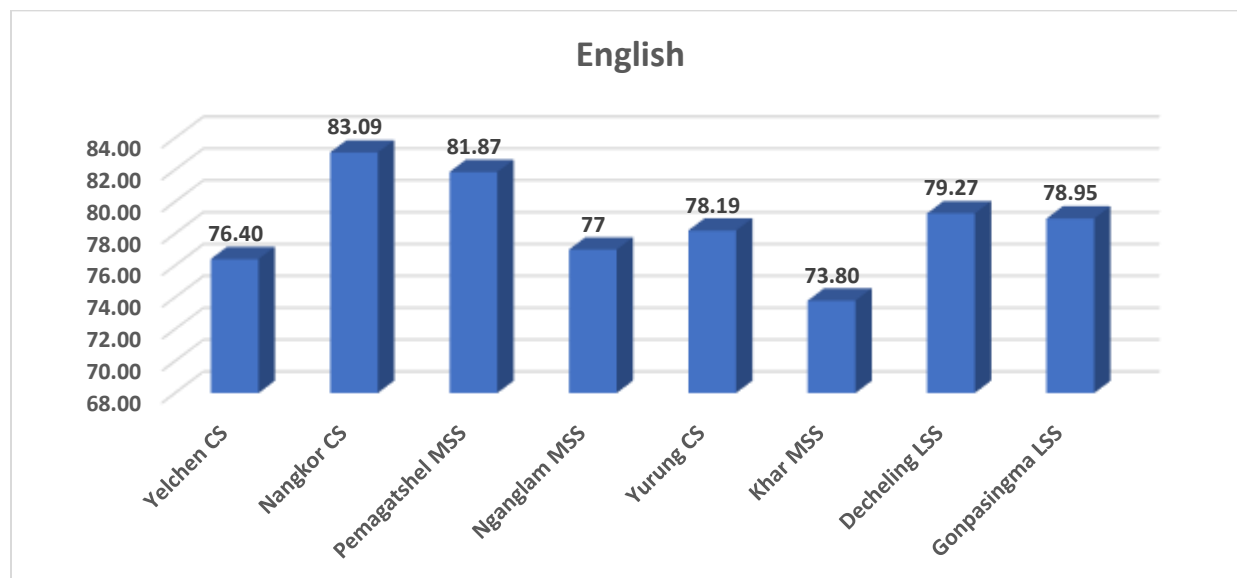


Figure 10.1: Nangkor CS outperformed other schools in English with a mean score of 83.09 followed by Pemagatshel MSS with 81.87. Khar MSS with lowest mean score of 73.80.

Figure 10.2: SCHOOL-WISE MEAN SCORE

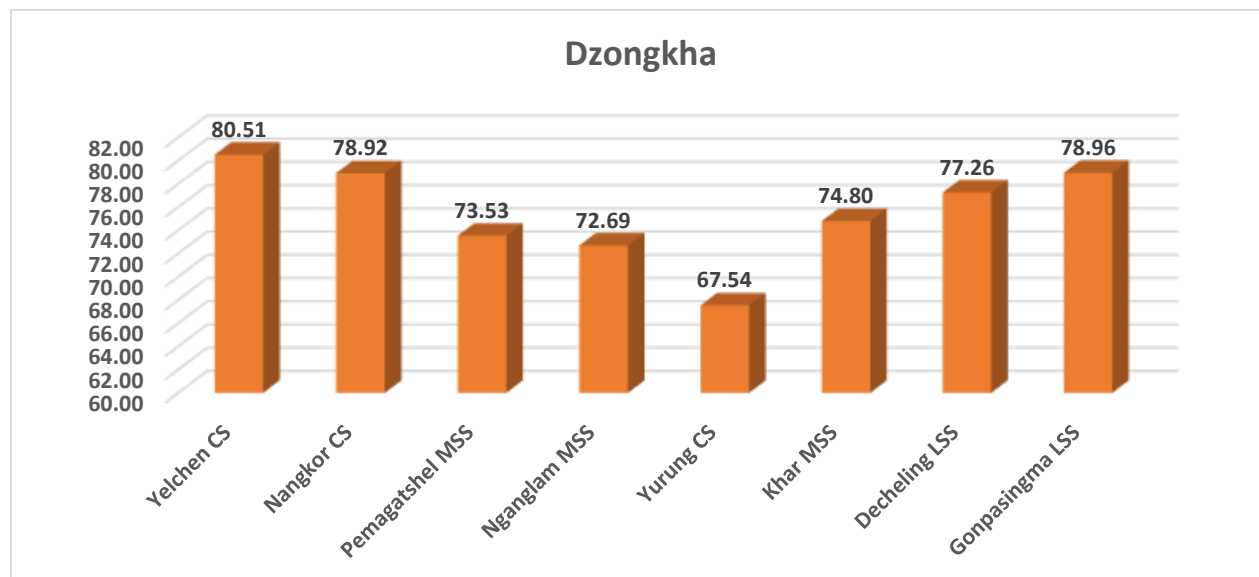


Figure 10.2: Yelchen CS did well in Dzongkha with mean score of 80.51 followed by Gonpasingma LSS with 78.96. Yurung CS with lowest mean score of 67.54.

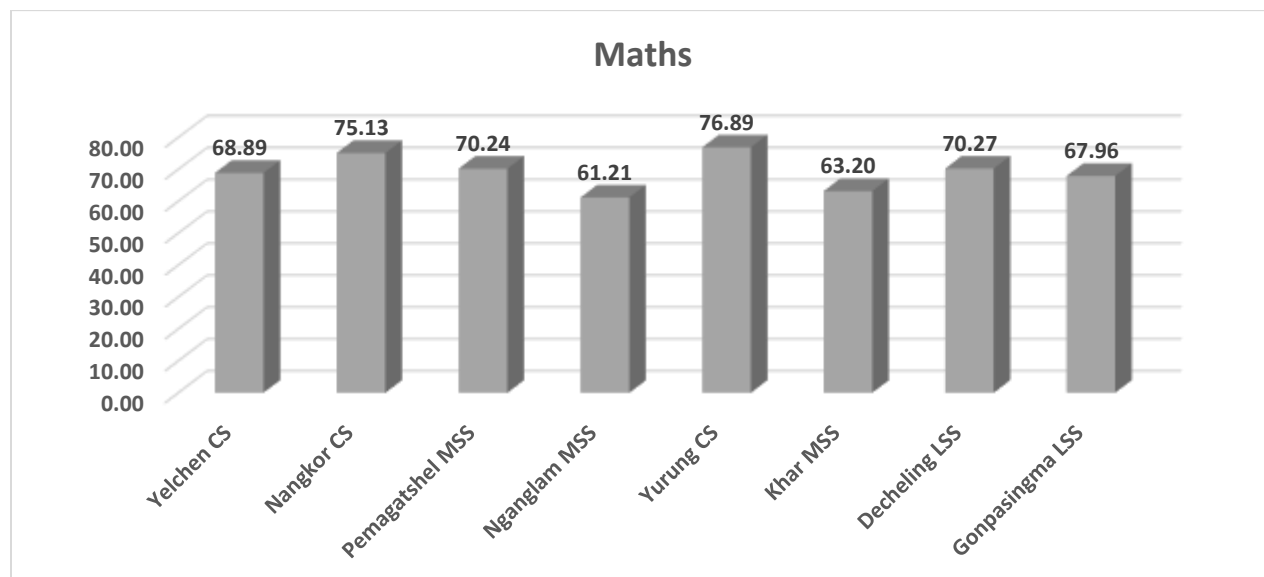
Figure 10.3: SCHOOL-WISE MEAN SCORE

Figure 10.3: Yurung CS topped the list in mathematics with 76.89 mean score followed by Nangkor CS with 75.13. Nganglam MSS has the lowest mean score of 61.21.

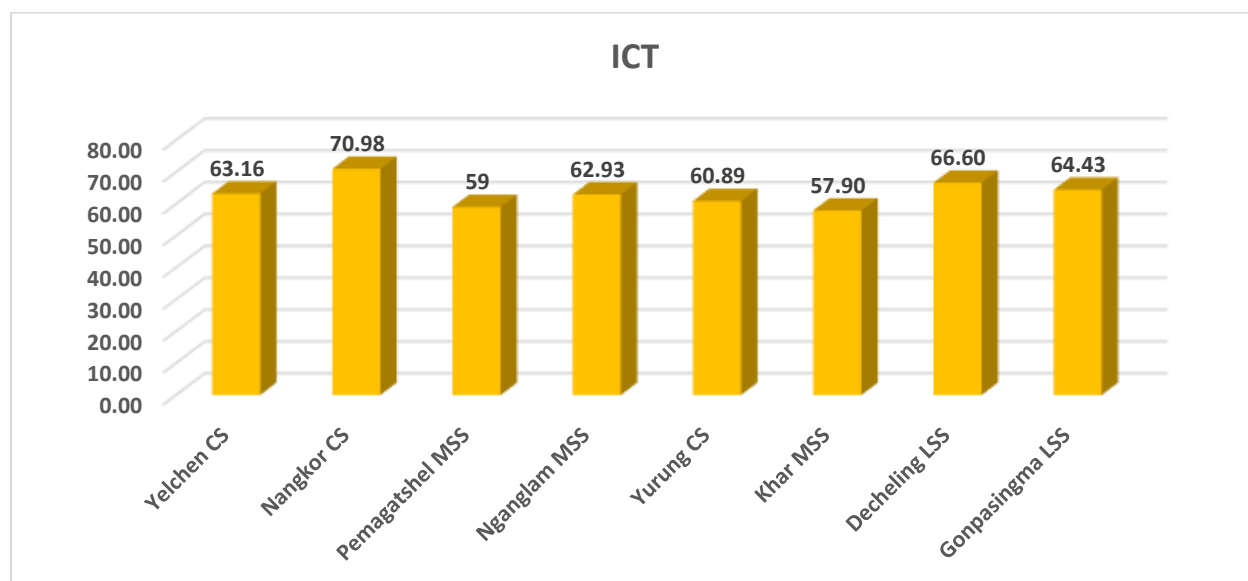
Figure 10.4: SCHOOL-WISE MEAN SCORE

Figure 10.4: In ICT subject, Nangkor CS has the highest mean score of 70.98. Khar MSS has the lowest mean score of 57.90.

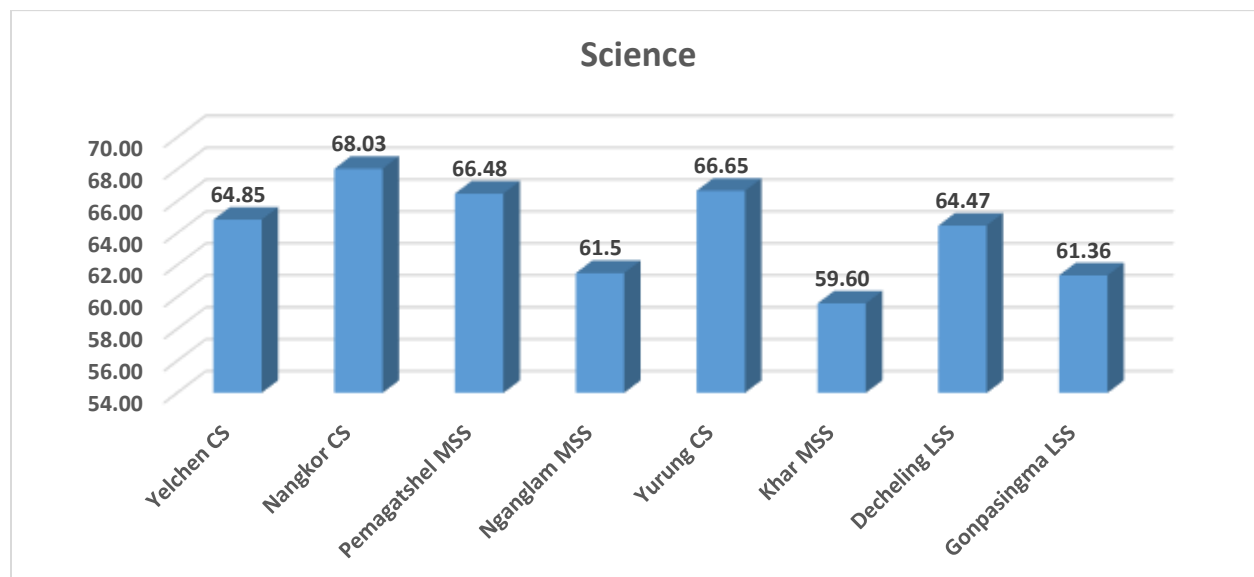
Figure 10.5: SCHOOL-WISE MEAN SCORE

Figure 10.5: Nangkor CS with mean score of 68.03 topped the list followed by Yurung CS with 66.65. Khar MSS with 59.60 stands at the bottom.

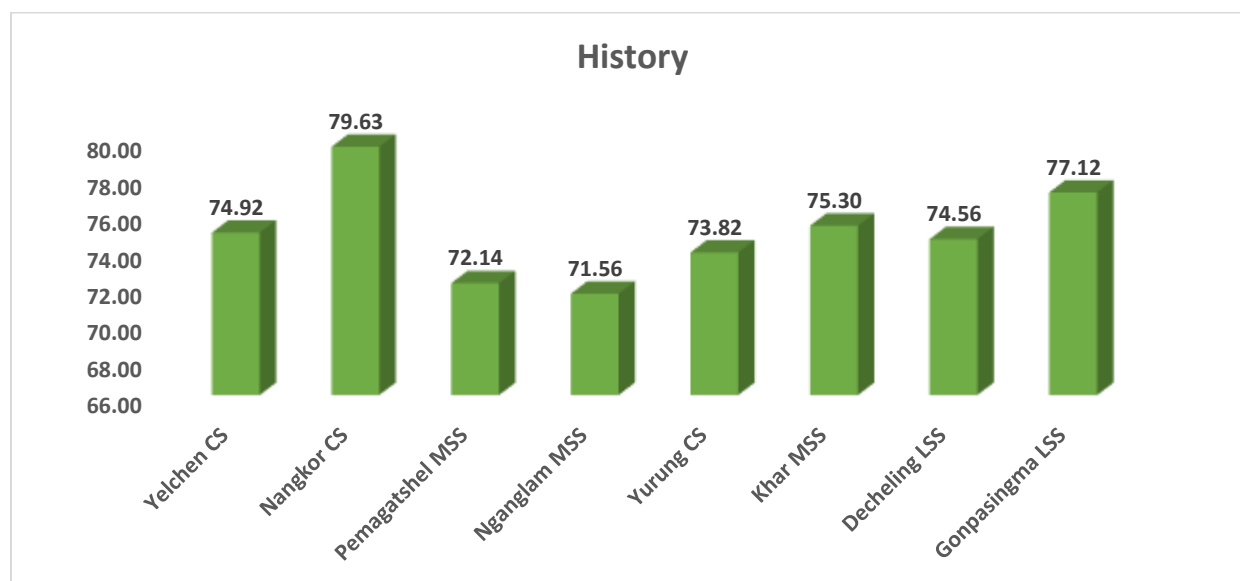
Figure 10.6: SCHOOL-WISE MEAN SCORE

Figure 10.6: Nangkor CS performed better than other schools in History with mean score of 79.63 followed by Gonpasingma LSS with 77.12. Nganglam MSS with lowest mean score of 71.56.

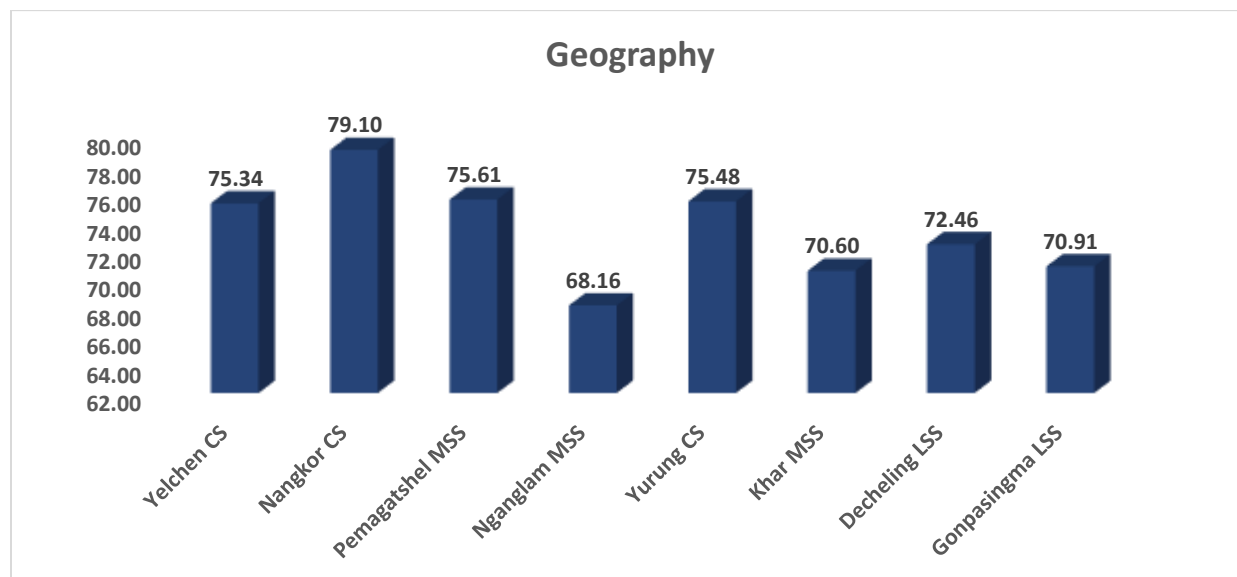
Figure 10.7: SCHOOL-WISE MEAN SCORE

Figure 10.7: With 79.10 mean score in Geography, Nangkor CS outperformed other schools. Nganglam MSS with 68.16 mean score stands at the lowest rung of the table.

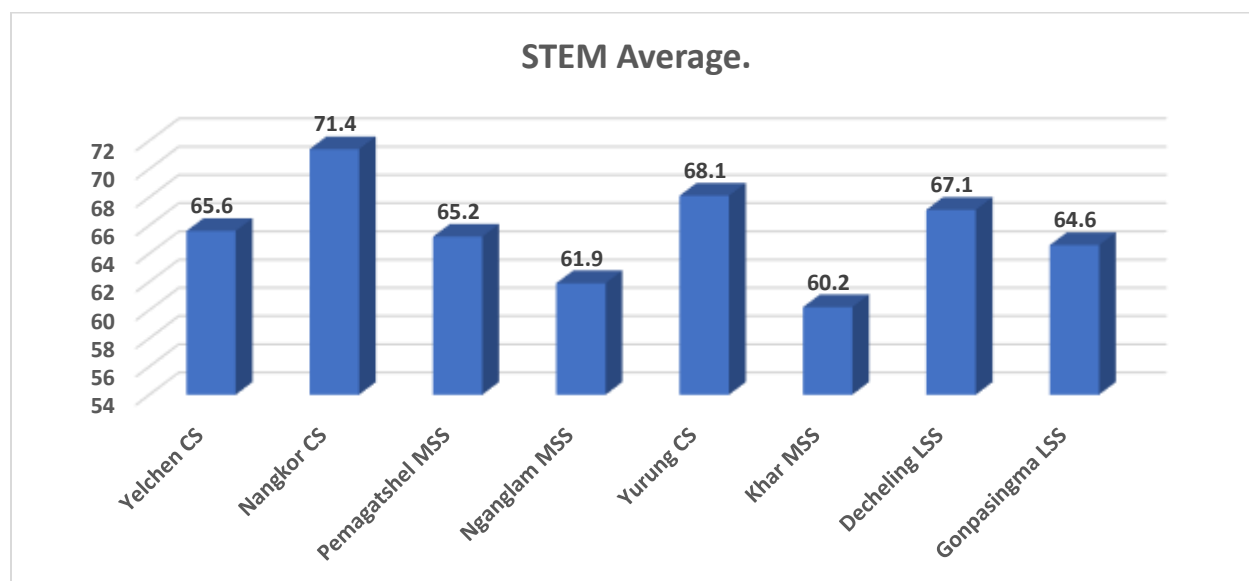
Figure 10.8: SCHOOL-WISE MEAN SCORE OF STEM SUBJECT

Figure 10.8: Nangkor CS has the highest mean score in STEM Subjects with 71.4 and Khar MSS with lowest mean score in STEM with 60.2.

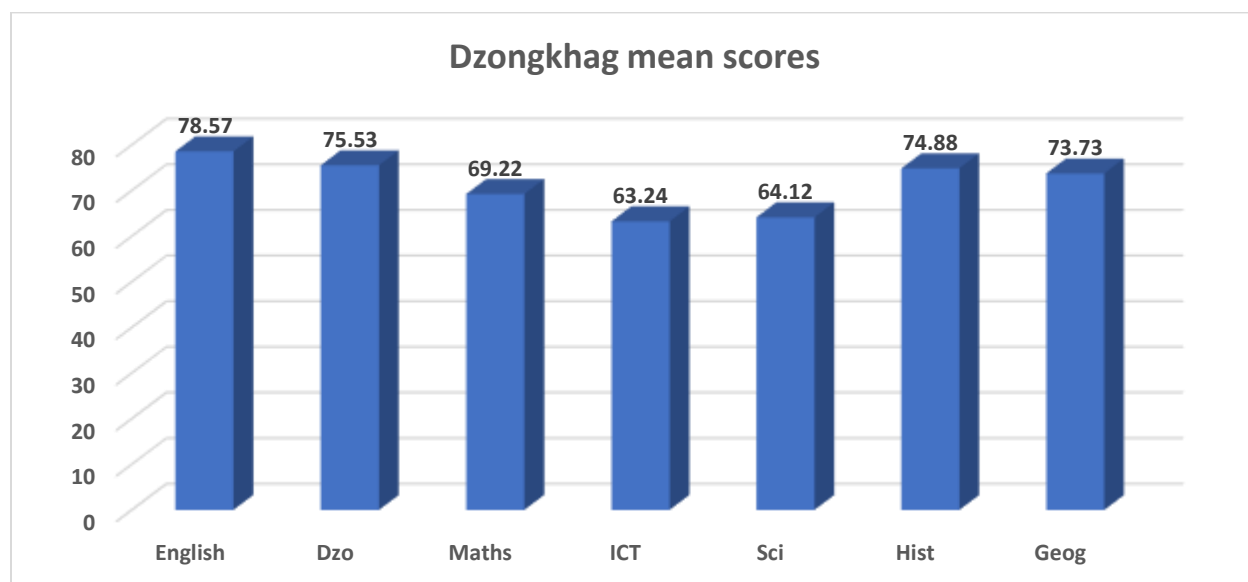
Figure 10.9: SUBJECT-WISE DZONGKHAG MEAN SCORES

Figure 10.9: Students did well in English and Dzongkha in class VIII with mean score of 78.57 and 75.53 respectively. They performed low in ICT and Science with 63.24 and 64.12 respectively.

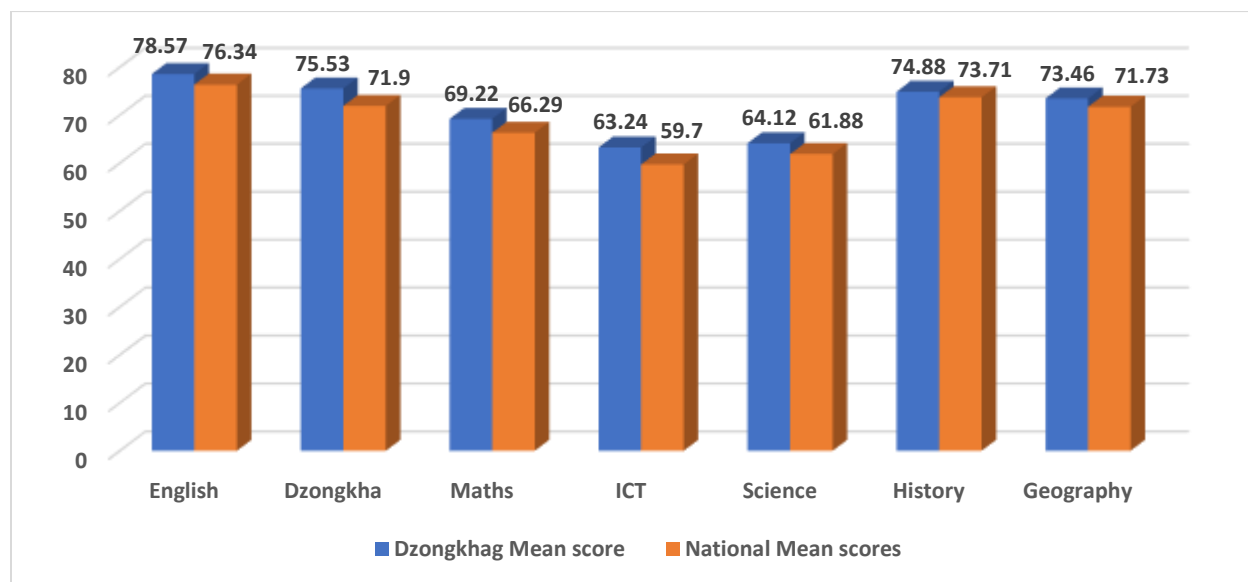
Figure 10.10: COMPARISON OF DZONGKHAG AND NATIONAL MEAN SCORES

Figure 10.10: Dzongkhag mean scores are higher than the national Mean scores in all subjects.

Figure 10.11: SUBJECT-WISE HIGH AND LOW PERFORMING SCHOOLS

High Performing			Low Performing		
School	Subject	Mean	School	Subject	Mean
Nangkor CS	English	83.09	Nganglam MSS	English	77
Yurung CS	Maths	76.89	Nganglam MSS	Maths	61.21
Yelchen CS	Dzongkha	80.51	Yurung CS	Dzongkha	67.54
Nangkor CS	ICT	70.98	Khar MSS	ICT	57.90
Nangkor CS	History	79.63	Nganglam MSS	History	71.56
Nangkor CS	Geography	79.10	Nganglam MSS	Geography	68.16

Figure 10.11: Nangkor CS topped in 4 subjects followed by Yurung CS and Yelchen CS with one subject each.

Figure 10.12: SUBJECT-WISE HIGHEST AND LOWEST MEAN SCORES

Sl.no	Subjects	Highest mean	Lowest mean
1	English	83.09	73.80
2	Dzongkha	80.51	67.54
3	Maths	76.89	61.21
4	ICT	70.98	59
5	Science	68.03	59.60
6	History	79.63	71.56
7	Geography	79.10	68.16

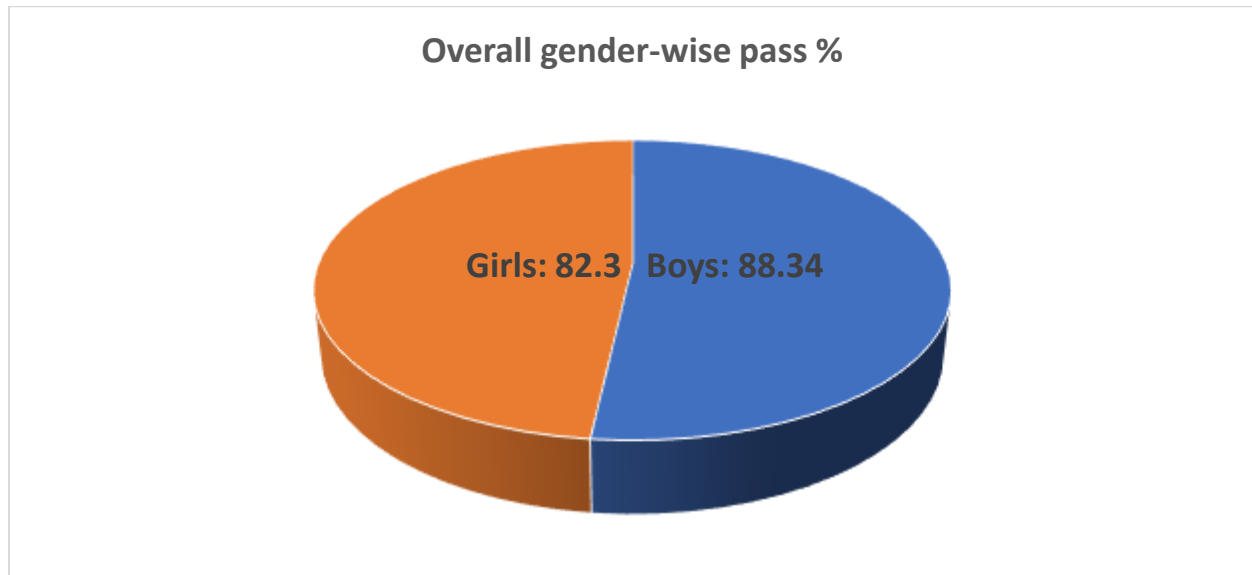
Figure 10.13: GENDER-WISE PASS PERCENTAGE

Figure 10.13: In general, Boys have performed better than the girls in class VIII with pass percentage of 88.34% and that of girls 82.3%.

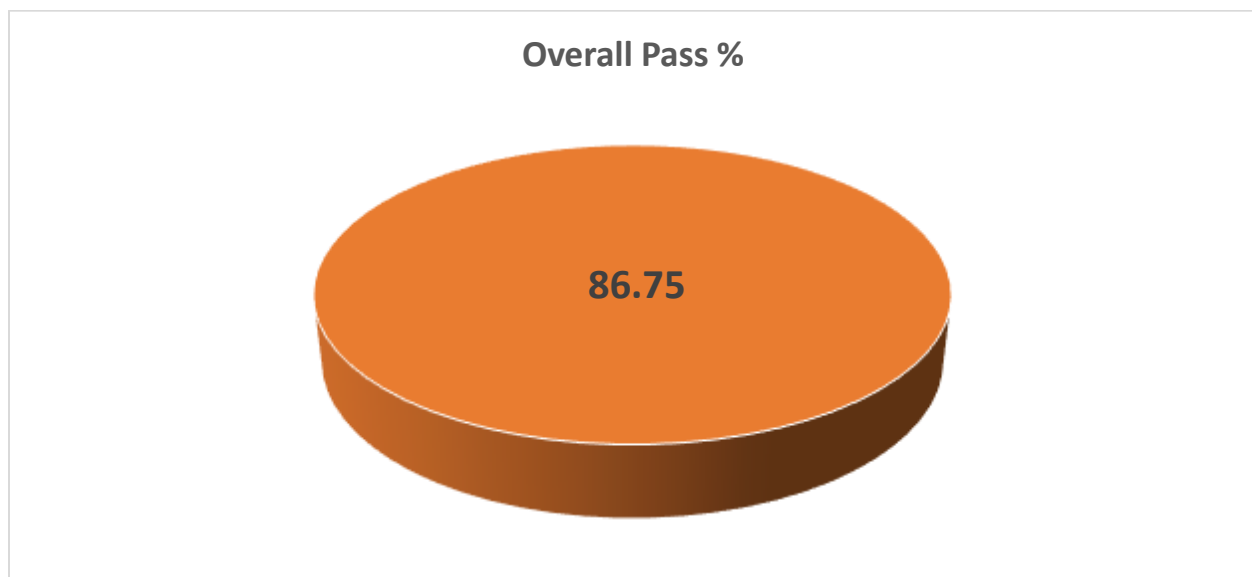
Figure 10.14: OVERALL PASS PERCENTAGE

Figure 10.14: The overall pass percentage of class VIII in Pemagatshel is 86.75 %.

Figure 10.15: SCHOOL RANKING BY OVERALL MEAN PERFORMANCE

Rank	Schools [Class VIII]	Mean
1	Nangkor CS	76.4
2	Dechelling LSS	72.1
3	Yelchen CS	72
4	Gonpasingma LSS	71.4
4	Yurung CS	71.4
6	Pemagatshel MSS	71.3
7	Nganglam MSS	67.9
7	Khar MSS	67.9

Figure 10.15: Among the 8 schools having class VIII, Nangkor CS topped with mean score of 76.4 followed by Dechelling LSS with 72.1.

CHAPTER 11
CLASS X – RESULT ANALYSIS
YELCHEN CS

Figure 11.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

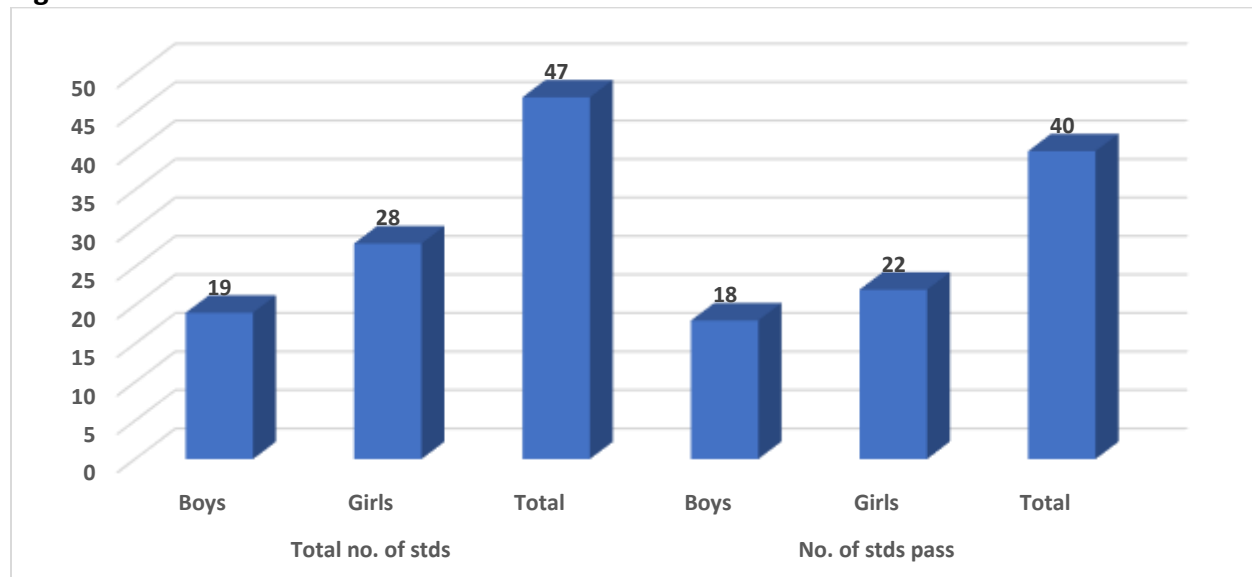


Figure: 11.1: Out of 47 students, 40 of them made it to the higher grade. 18 boys and 22 girls were passed.

Figure:11.2 SUBJECT-WISE MEAN SCORES

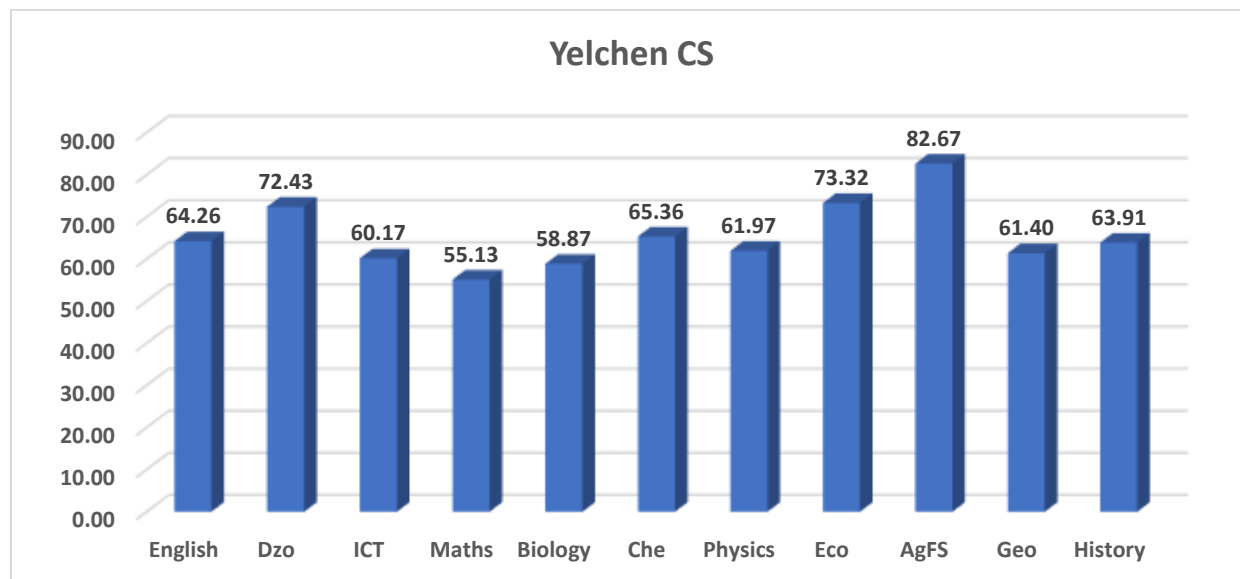


Figure:11.2 Yelchen CS students have performed well in AgFS with 82.67 mean score followed by Dzongkha with 72.43. Mathematics has the lowest mean score of 55.13.

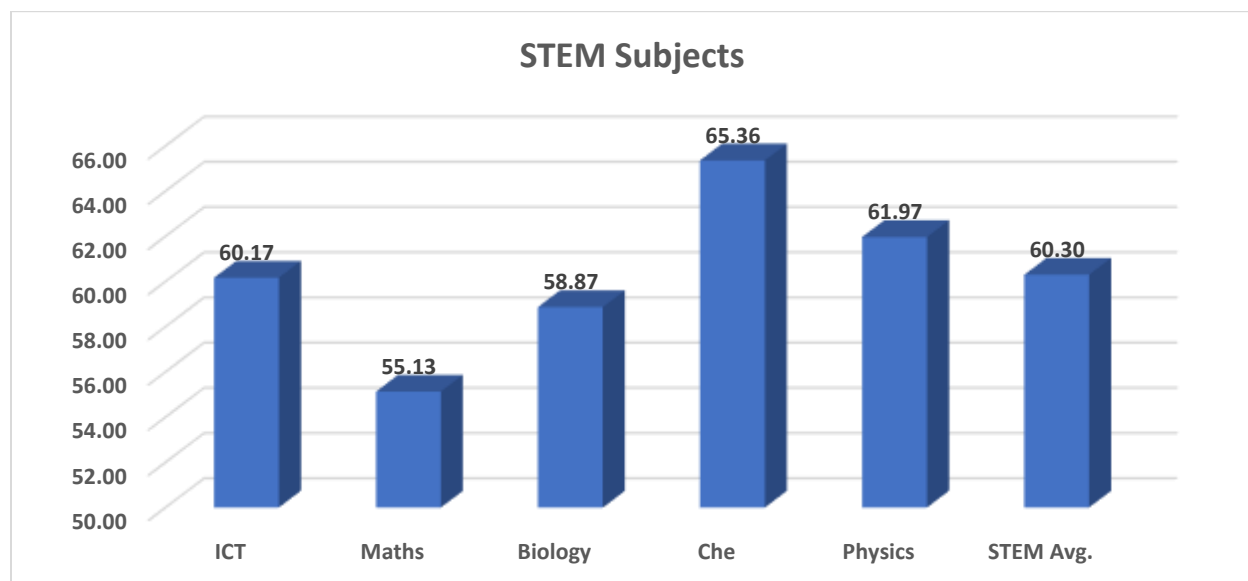
Figure:11.3: MEAN SCORES OF STEM SUBJECTS

Figure:11.3 Students of Yelchen CS did not do well in Mathematics. Its mean score is 55.13. Chemistry has the highest mean score of 65.36. The mean score of STEM subject is 60.30.

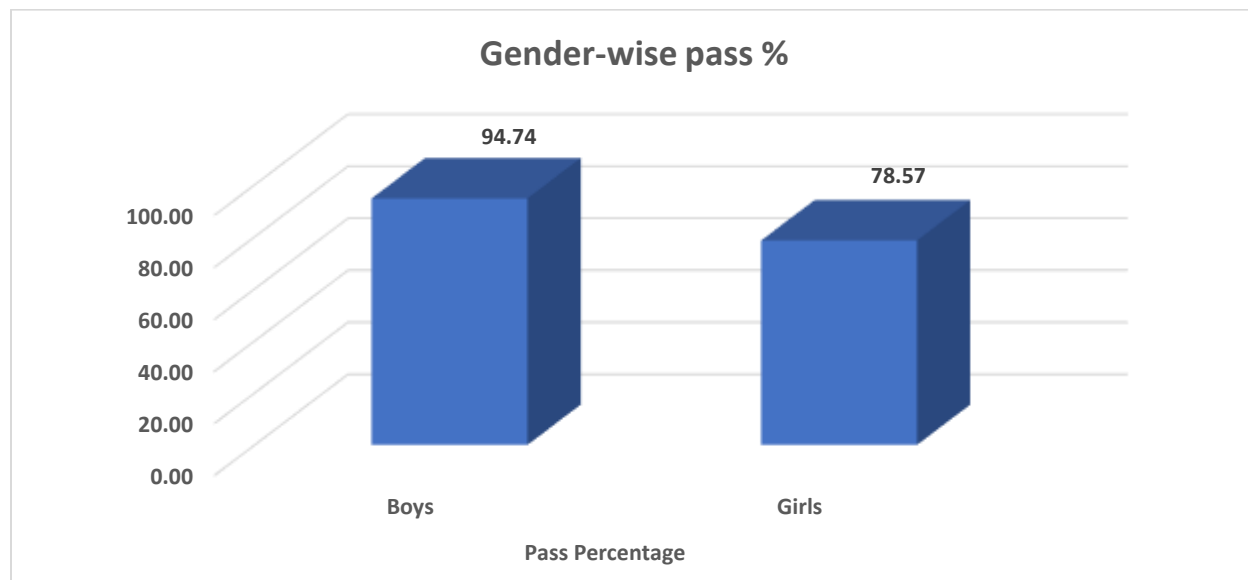
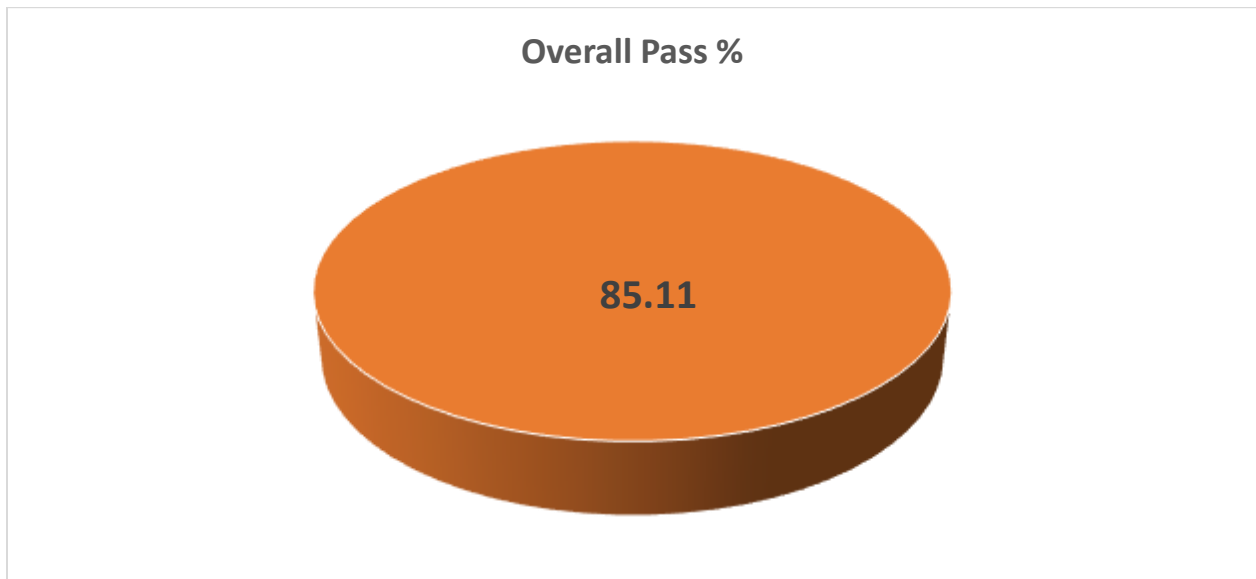
Figure:11.4: GENDER-WISE PASS PERCENTAGE

Figure:11.4: Yelchen CS boys did better than girls with 94.74 pass percentage. While girls pass percentage is 78.57 %.

Figure:11.5: OVERALL PASS PERCENTAGE**Figure:11.5:** The overall pass percentage of class X of Yelchen CS is 85.11%.

CHAPTER 12
CLASS X – RESULT ANALYSIS
NANGKOR CS

Figure:12.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND NUMBER OF STUDENTS PASSED – NANGKOR CS

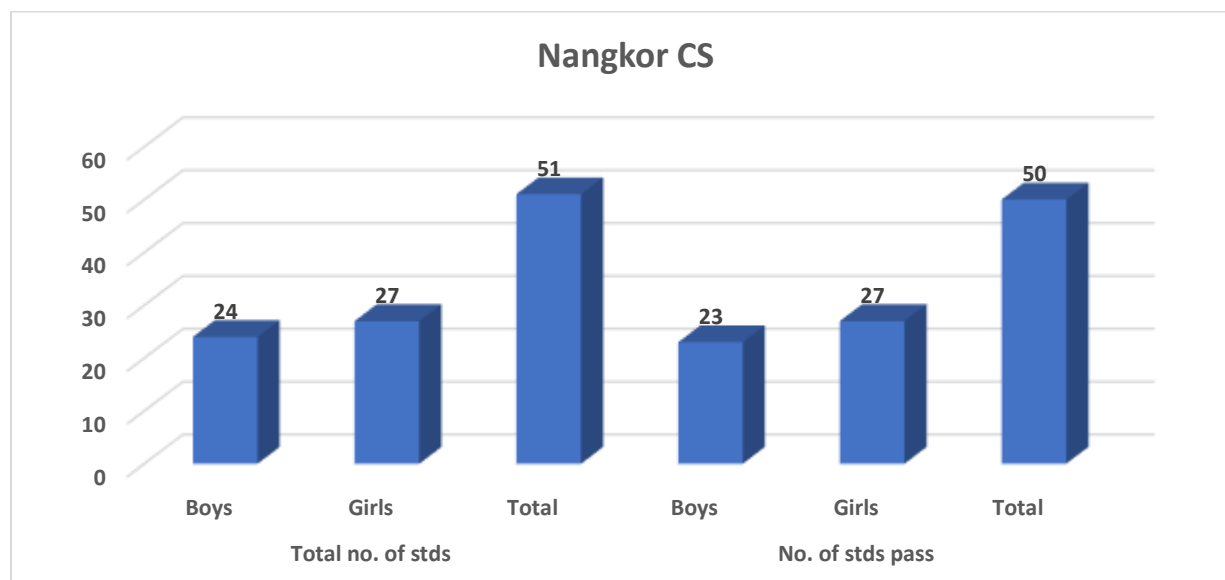


Figure:12.1: 24 boys and 27 girls appeared the examination. 50 of the passed and only one boy could not make it to the higher grade.

Figure:12.2: SUBJECT-WISE MEAN SCORE

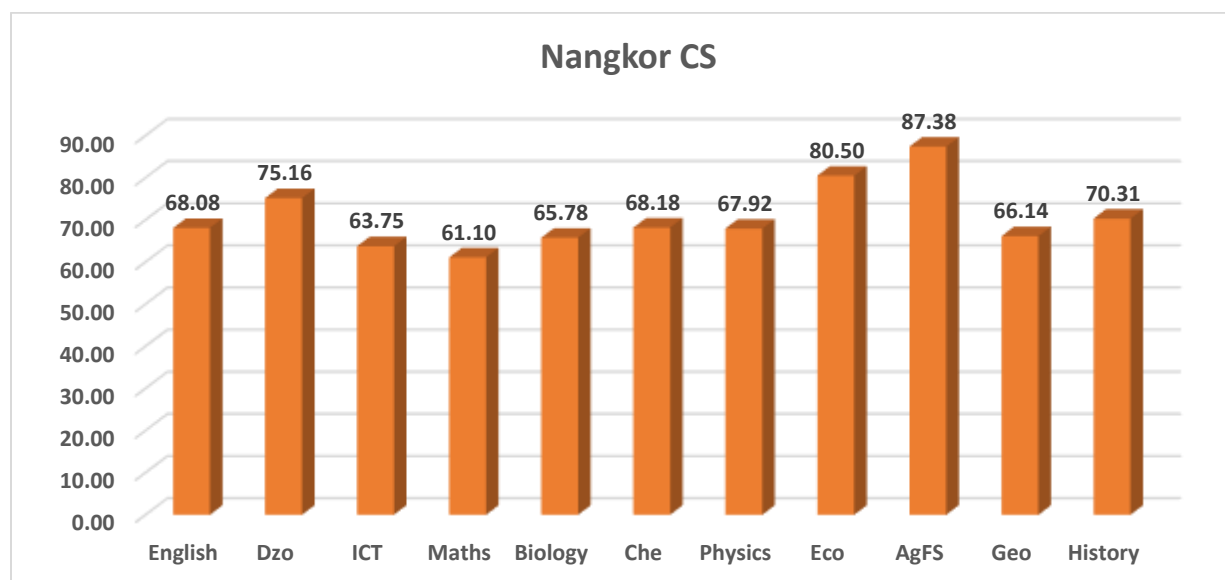


Figure:12.2: AgFS has the highest mean score with 87.38 followed by economics with 80.50. Mathematics has the lowest mean score of 61.10 followed by ICT with 63.75.

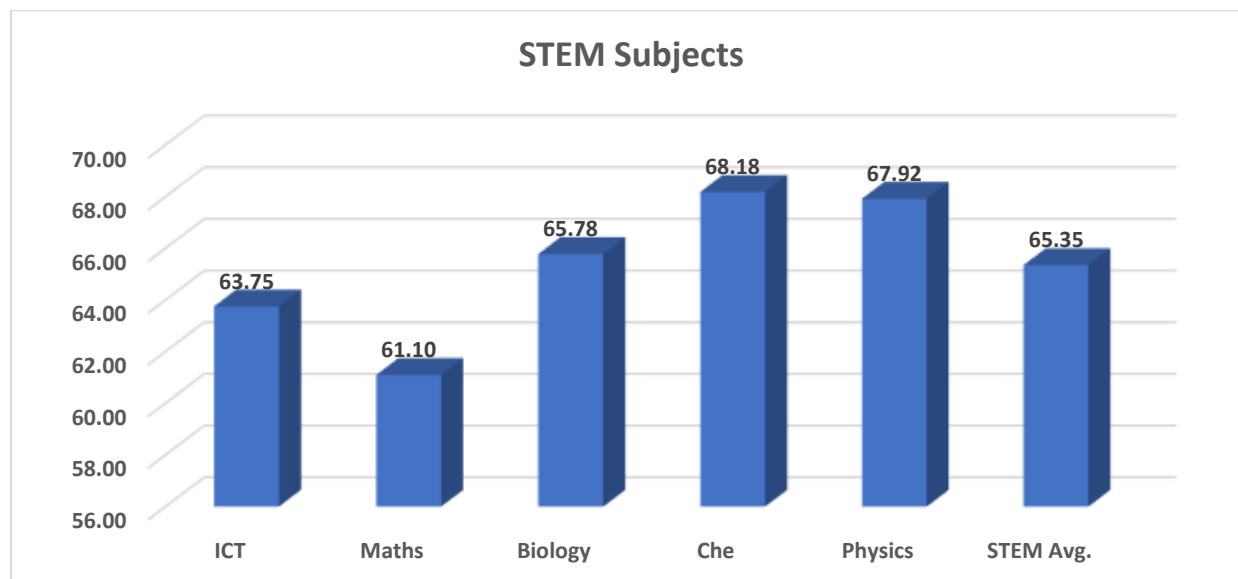
Figure:12.3: STEM SUBJECT MEAN SCORE

Figure:12.3: Chemistry has the highest mean score of 68.18 while Mathematics with lowest mean score of 61.10. The mean score of STEM subject is 65.35.

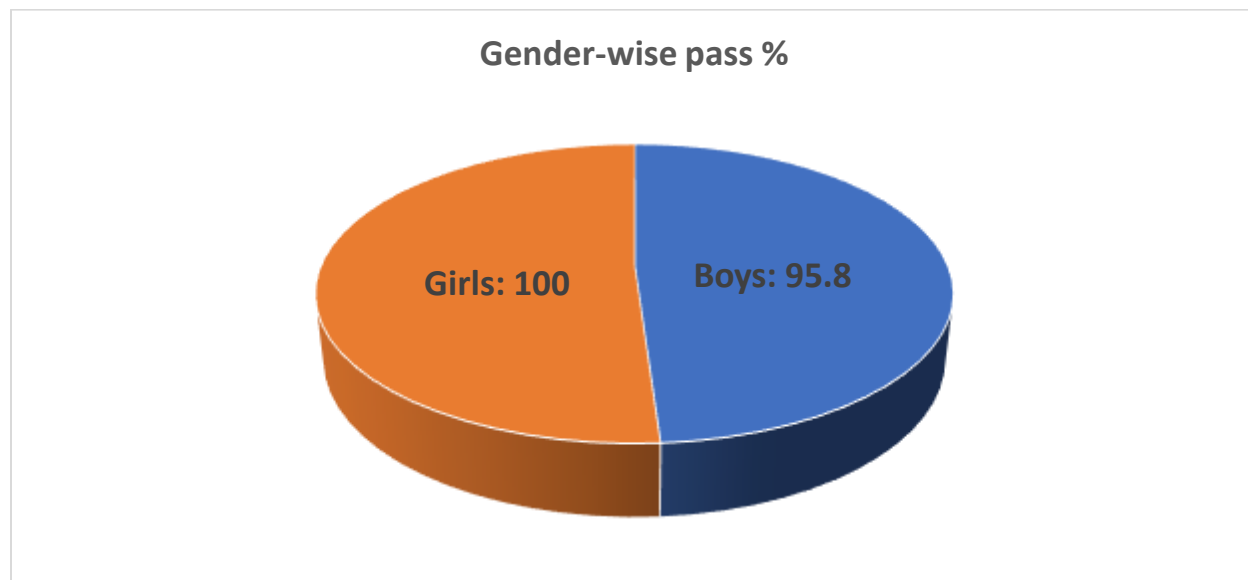
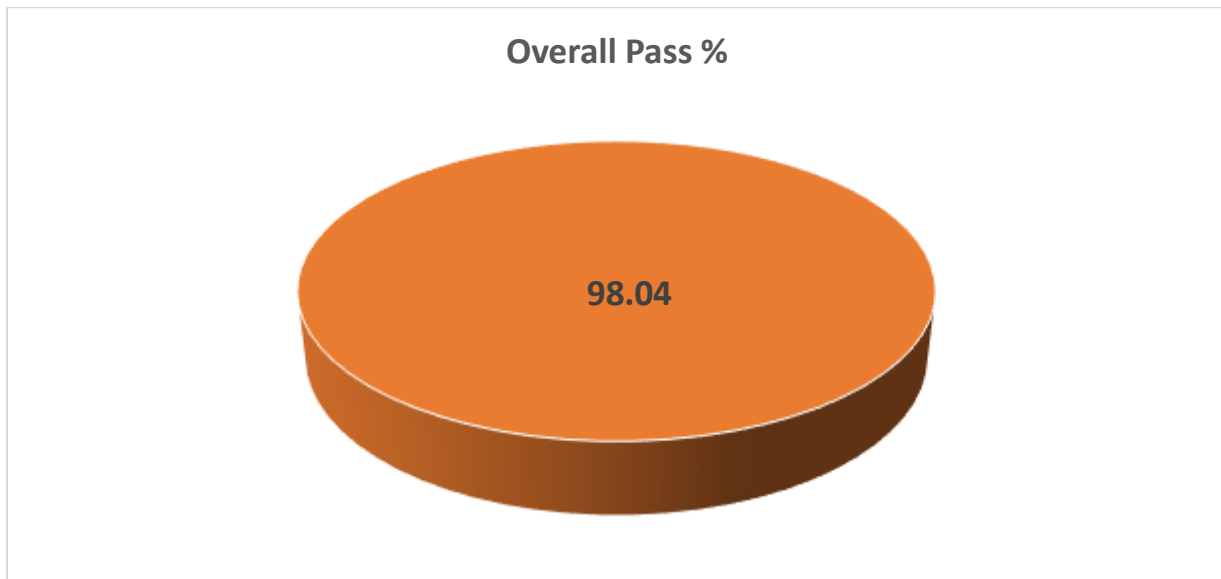
Figure: 12.4: GENDER-WISE PASS PERCENTAGE

Figure:12.4: Girls out performed boys in class X at Nangkor CS. The pass percentage of boys is 98.8% while girls is 100%.

Figure: 12.5: OVERALL PASS PERCENTAGE**Figure: 12.5:** The overall pass percentage of class X of Nangkor CS is 98.04 %.

CHAPTER 13
CLASS X - RESULT ANALYSIS
NGANGLAM CS

Figure: 13.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND NUMBER OF STUDENTS PASSED

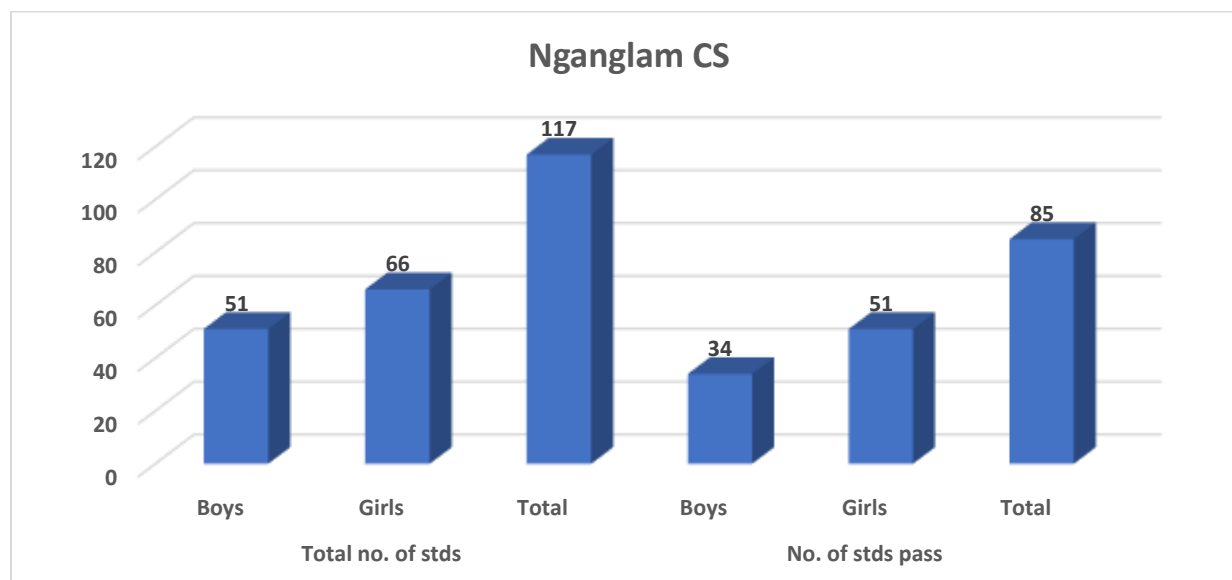


Figure:13.1: Out of 117 students only 85 passed the examination. 17 boys and 15 girls could not make it to the higher grade.

Figure:13.2: SUBJECT-WISE MEAN SCORES

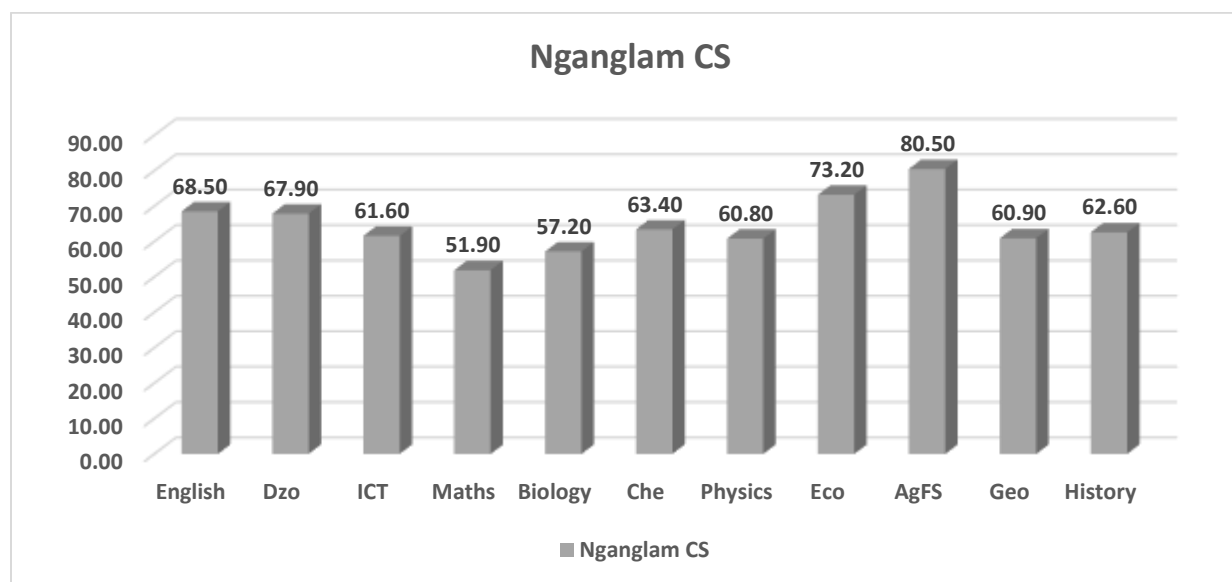


Figure:13.2: AgfS and economics has the highest mean score of 80.50 and 73.20 respectively. Mathematics has the lowest mean score of 51.90 followed by Biology with 57.20.

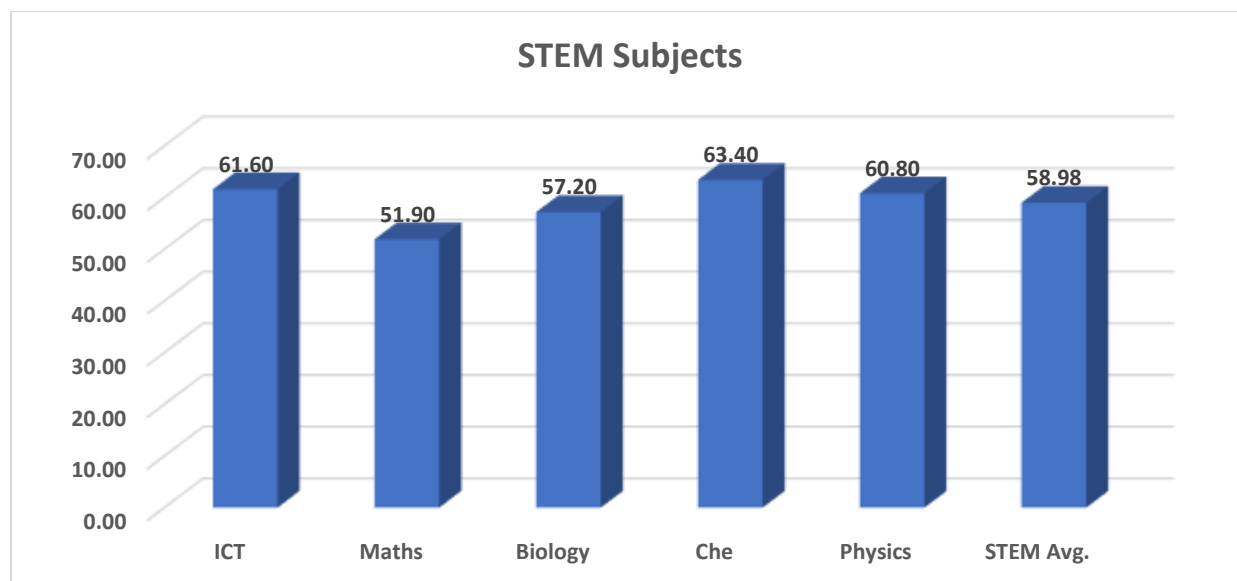
Figure:13.3: MEAN SCORES OF STEM SUBJECTS

Figure:13.3: Chemistry topped the list with 63.40 mean score followed by ICT with 61.60. The mean score of STEM subjects is 58.98.

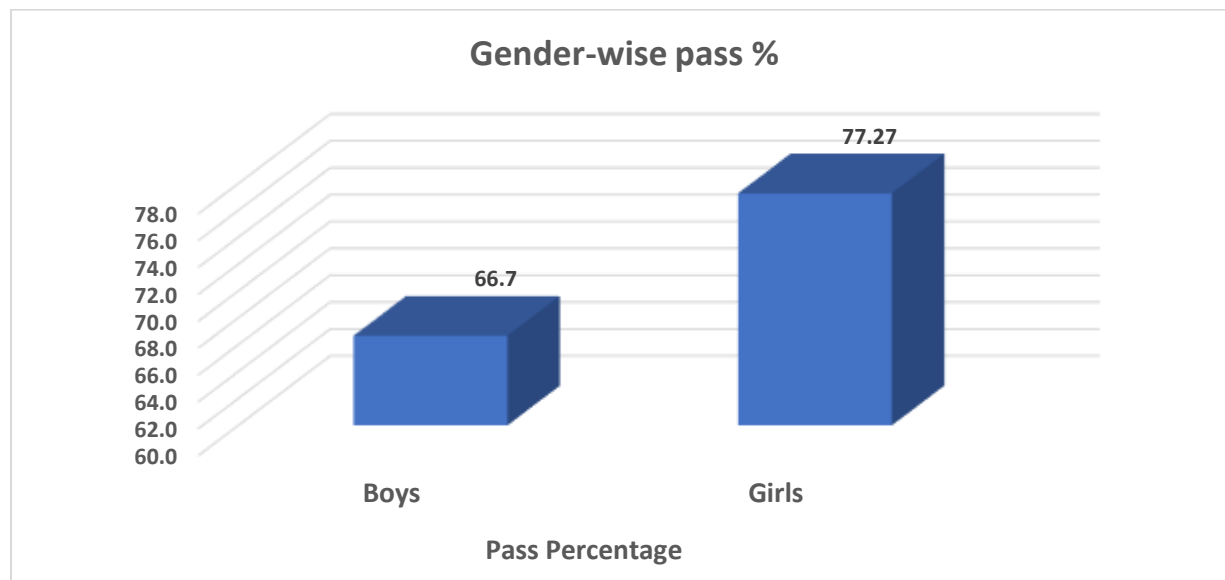
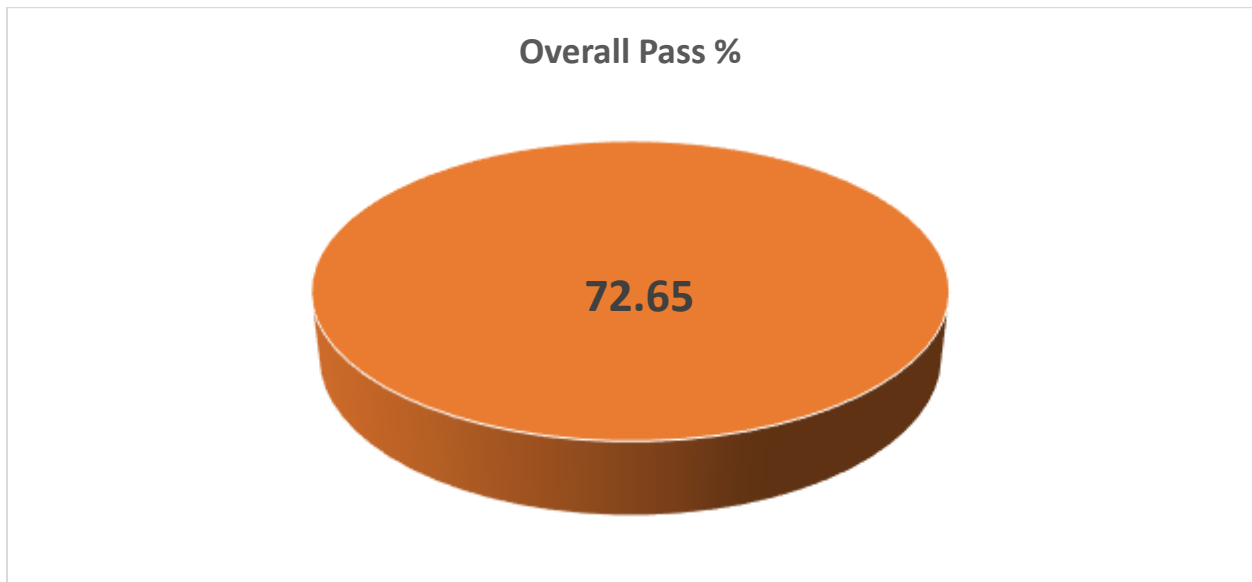
Figure: 13.4: GENDER-WISE PASS PERCENTAGE

Figure: 13.4: The pass percentage of girls is higher than boys. The pass percentage of boys is 66.7% and girls is 77.27%.

Figure:13.5: OVERALL PASS PERCENTAGE**Figure:13.5:** The overall pass percentage of class X of Nganglam CS is 72.65%.

CHAPTER 14
CLASS X – RESULT ANALYSIS
PEMAGATSHEL MSS

Figure:14.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND NUMBER OF STUDENTS PASSED

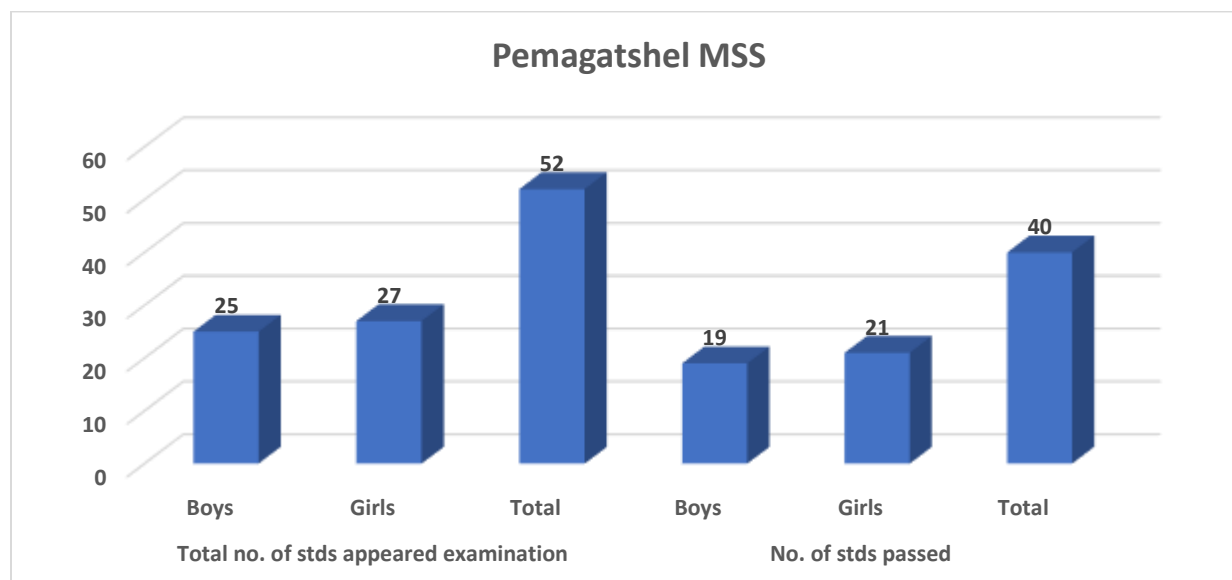


Figure: 14.1: From Pemagatshel MSS, 52 students appeared for examination. 40 of the passed while 12 of the failed. 6 boys and 6 girls could not make it to the higher grade.

Figure:14.2: SUBJECT-WISE MEAN SCORES

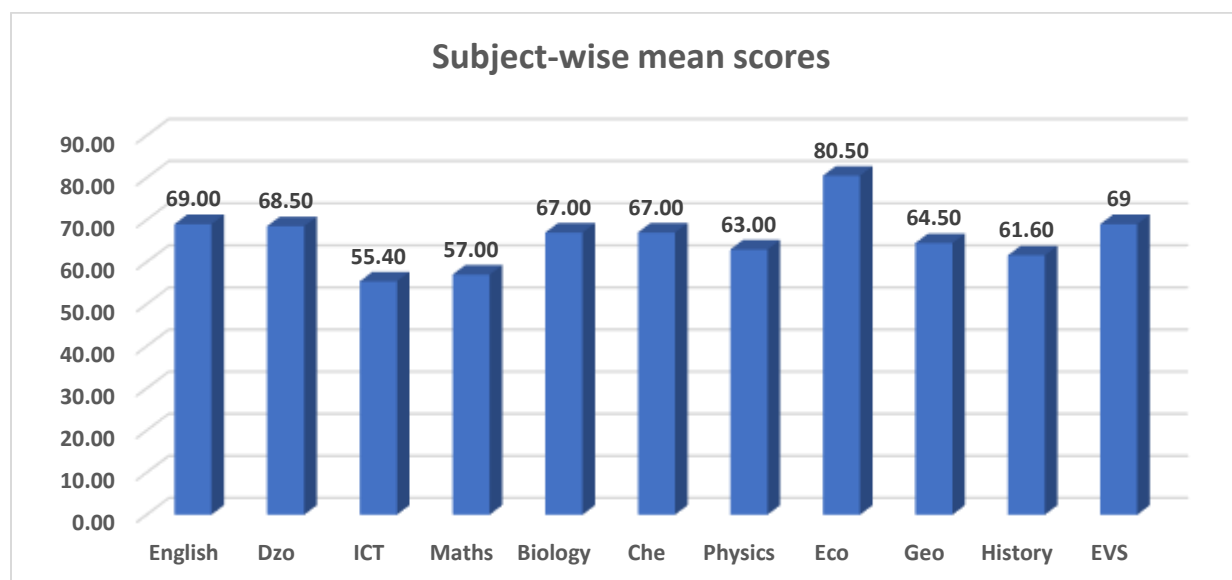


Figure:14.2: Pemagatshel MSS students did well in economics with 80.50 mean score followed by English with 69. ICT and maths have the lowest mean scores with 55.4 and 57 respectively.

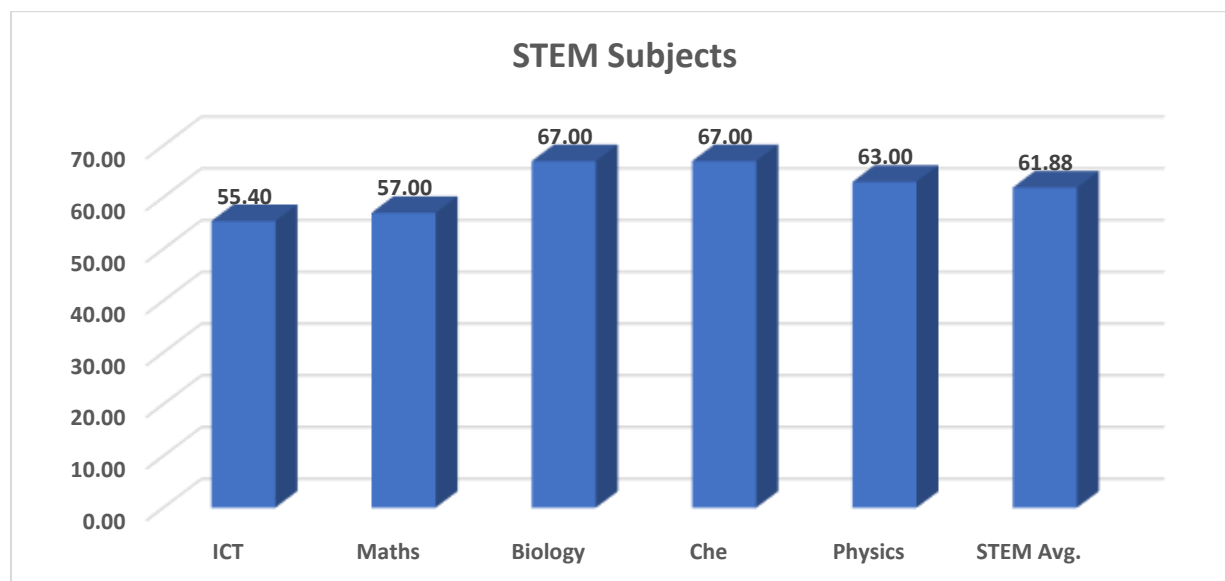
Figure:14.3: MEAN SCORE OF STEM SUBJECTS

Figure:14.3: Biology and chemistry have the highest mean of 67 each. ICT and mathematics with the lowest mean score of 55.4 and 57 respectively.

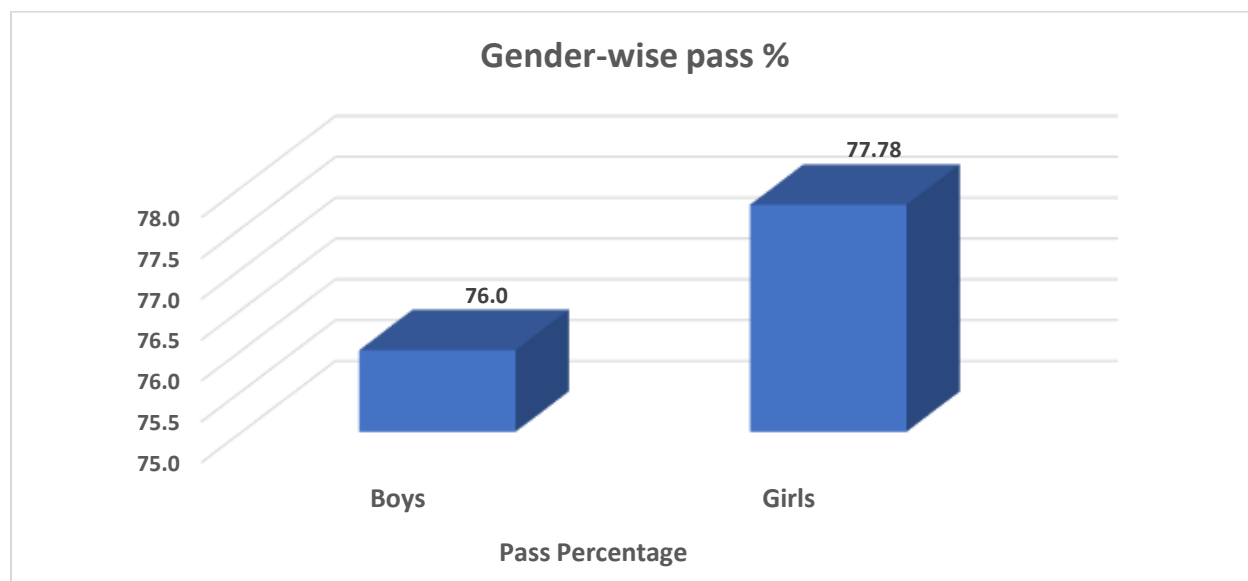
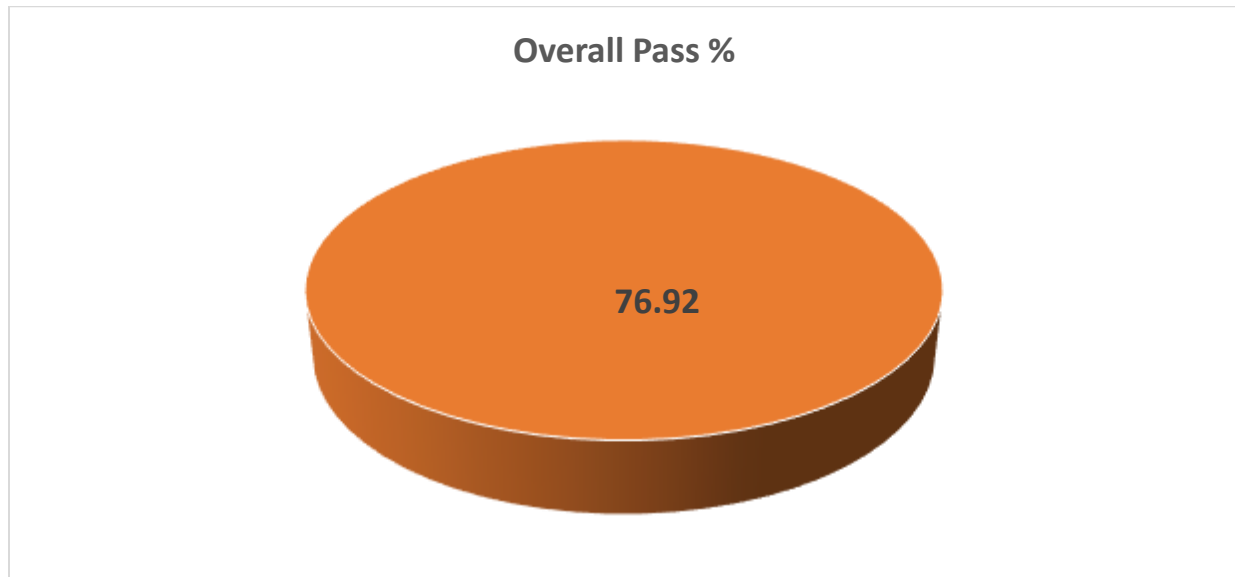
Figure:14.4: GENDER-WISE PASS PERCENTAGE

Figure:14.4: The pass percentage of boys is 76 and girls is 77.78. Girls did slightly better than boys.

Figure:14.5: OVERALL PASS PERCENTAGE**Figure:14.5:** The overall pass percentage of class X of Pemagatshel MSS is 76.92%.

CHAPTER 15
CLASS X – RESULT ANALYSIS
NGANGLAM MSS

Figure:15.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND NUMBER OF STUDENTS PASSED

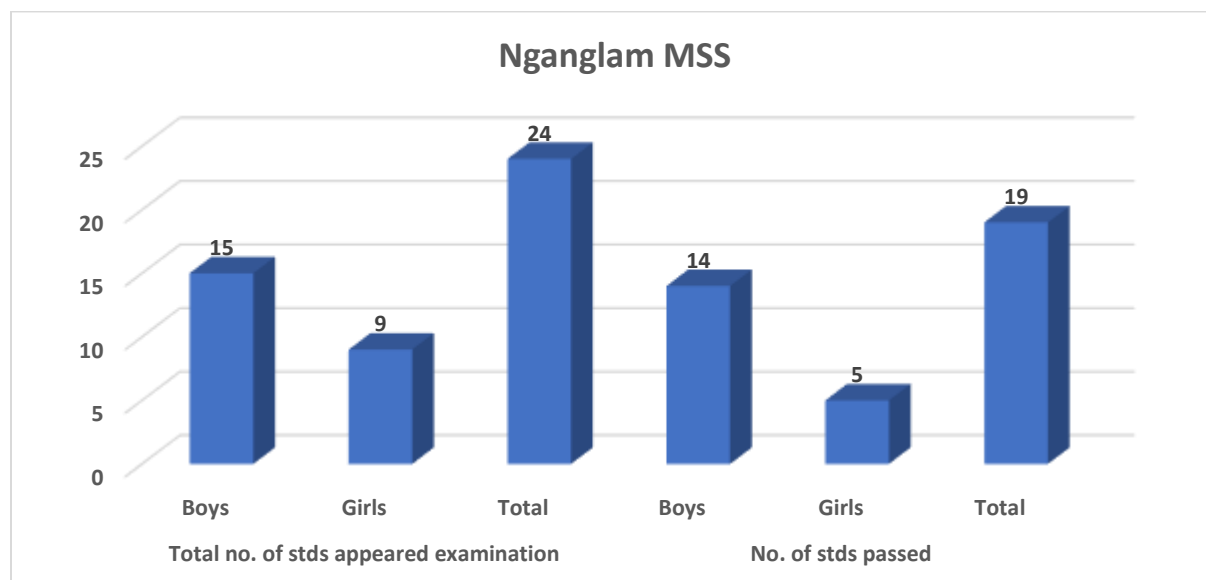


Figure:15.1: 19 out of 24 students passed the examination. 1 boy and 4 girls could not make it to the higher grade.

Figure:15.2: SUBJECT-WISE MEAN SCORES

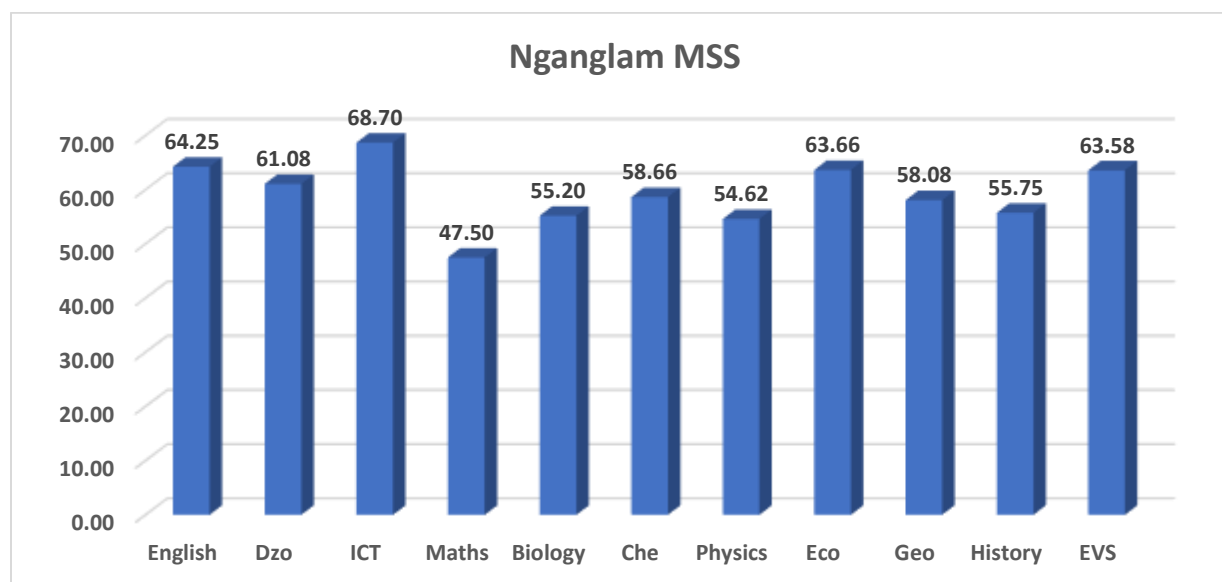


Figure:15.2: ICT has the highest mean score and mathematics with the lowest mean score of 68.70 and 47.5 respectively.

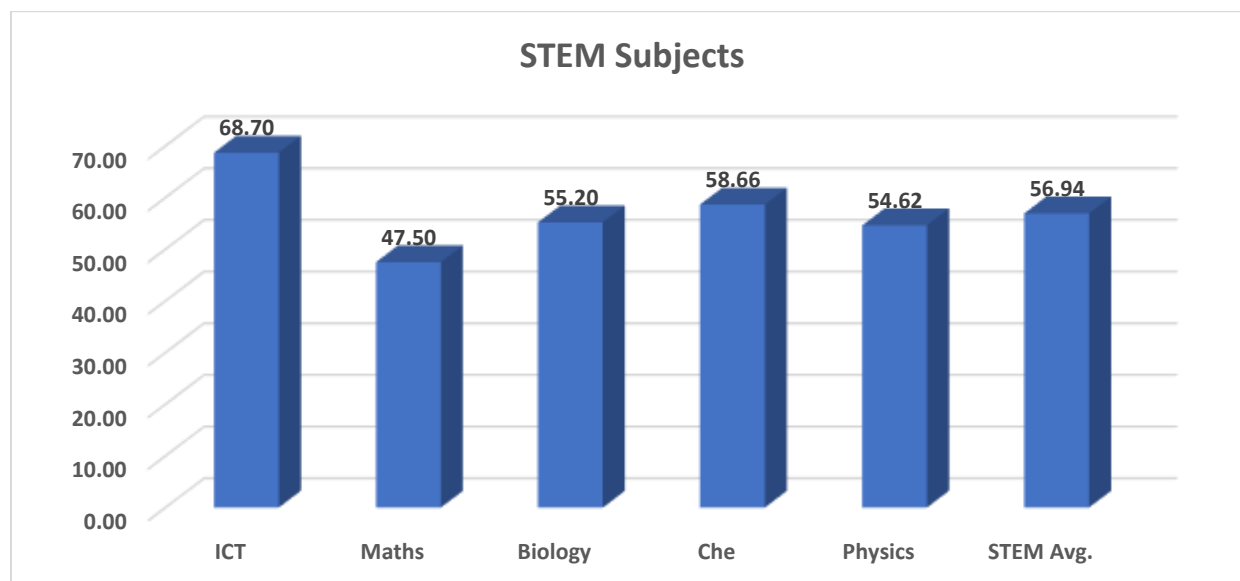
Figure:15.3: MEAN SCORES OF STEM SUBJECTS

Figure:15.3: Amongst the STEM subjects, ICT has the highest mean score with 68.70 and the mathematics with 47.5 mean score. The average mean score of STEM subjects is 56.94.

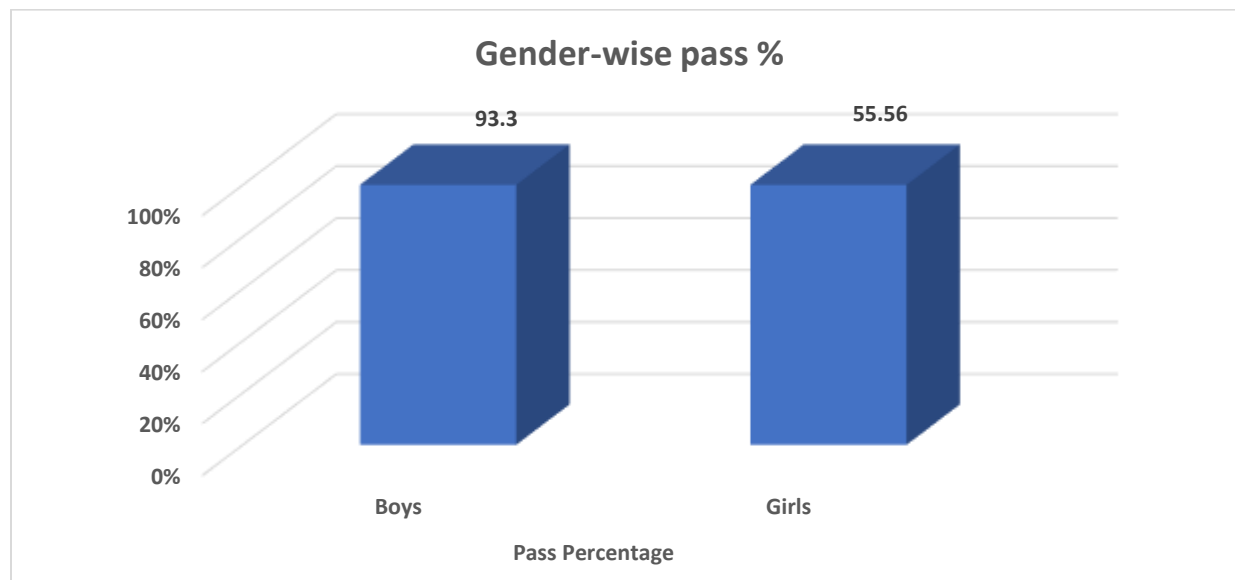
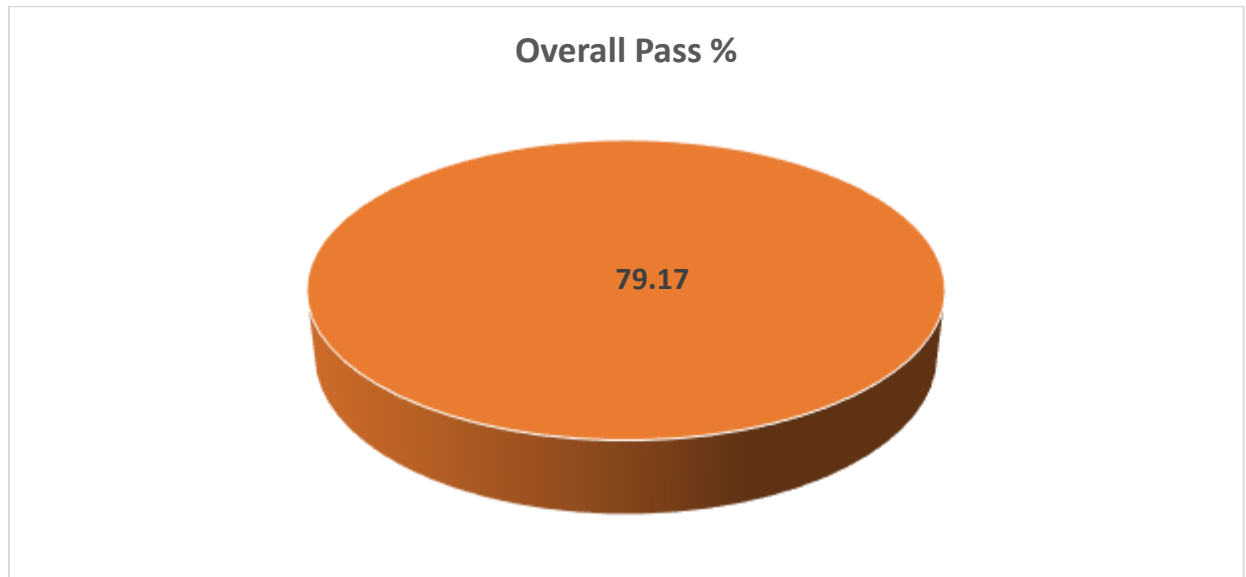
Figure:15.4: GENDER-WISE PASS PERCENTAGE

Figure:15.4: The boys performed better than girls at Nganglam MSS with pass percentage of 93.3 and 55.56 respectively.

Figure:15.5: OVERALL PASS PERCENTAGE**Figure:15.5:** The overall percentage of class X of Nganglam MSS is 79.17 %

CHAPTER 16
CLASS X – RESULT ANALYSIS
YURUNG CS

Figure:16.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND NUMBER OF STUDENTS PASSED

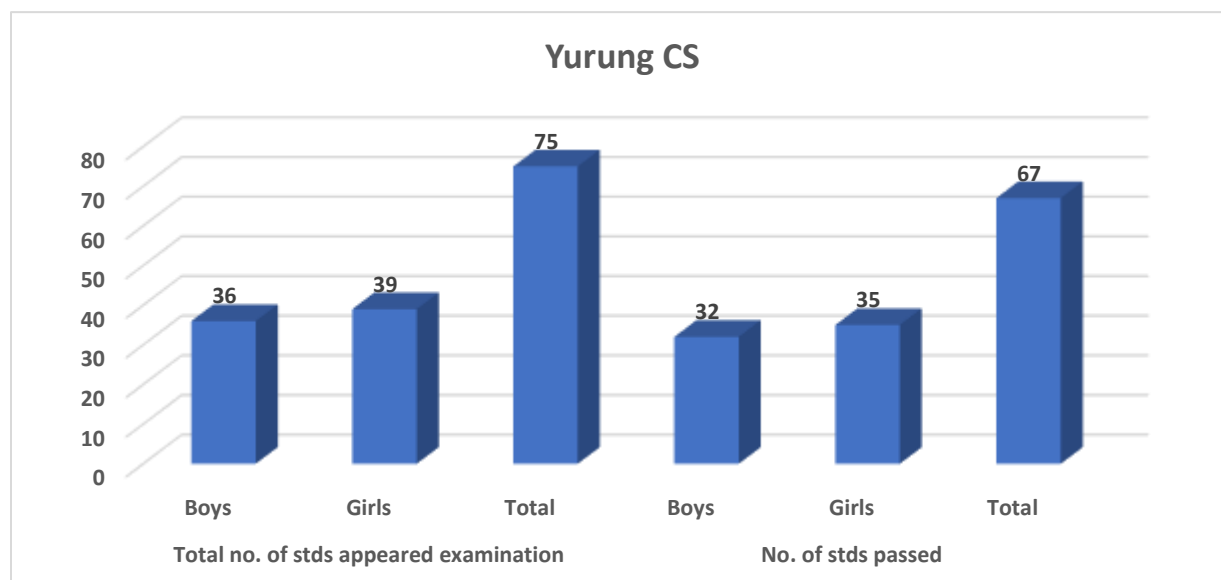


Figure:16.1: 75 class X students of Yurung CS appeared examination. Out of which, 67 of them passed. 4 boys and 4 girls could not make it to the higher grade.

Figure:16.2: SUBJECT-WISE MEAN MARKS

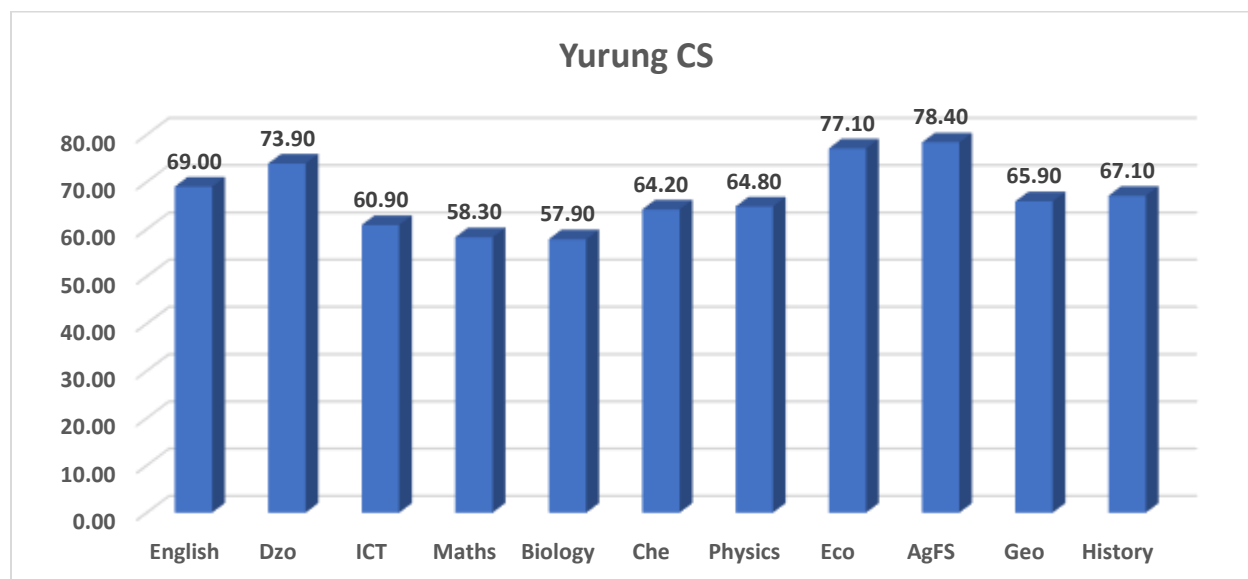


Figure:16.2: AgFS and economics have the highest mean scores of 78.4 and 77.1 respectively. Biology and mathematics with the lowest mean scores of 57.9 and 58.3 respectively.

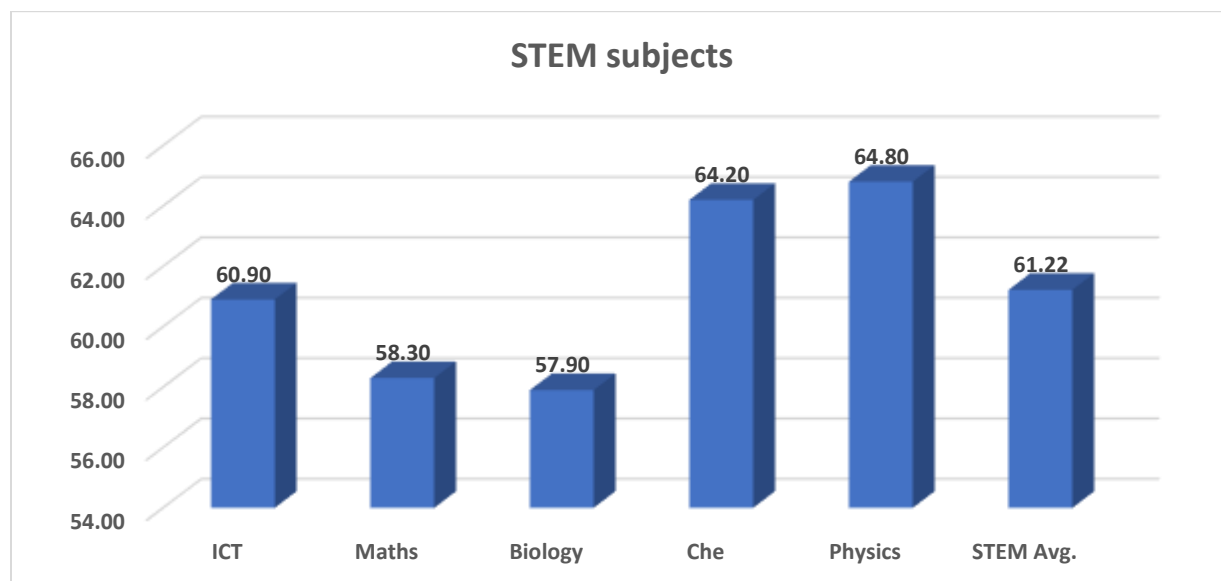
Figure:16.3: MEAN SCORES OF STEM SUBJECTS

Figure:16.3: Physics and Chemistry with the highest mean scores of 64.8 and 64.2 respectively. Biology and mathematics with 57.9 and 58.3 respectively with the lowest mean scores. The average mean of STEM subject is 61.22.

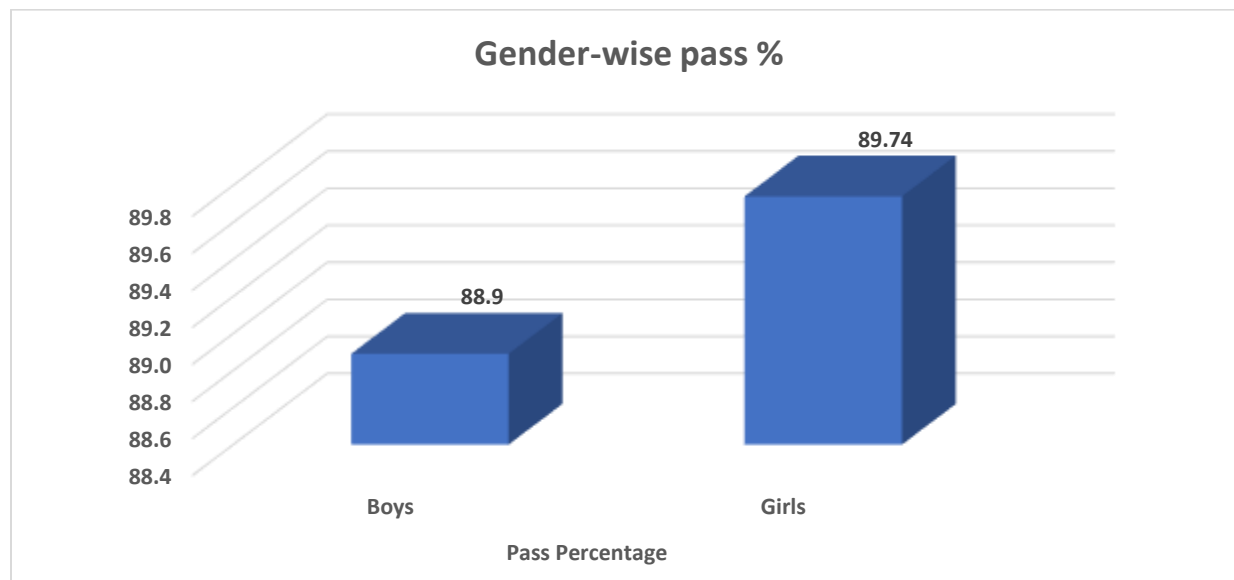
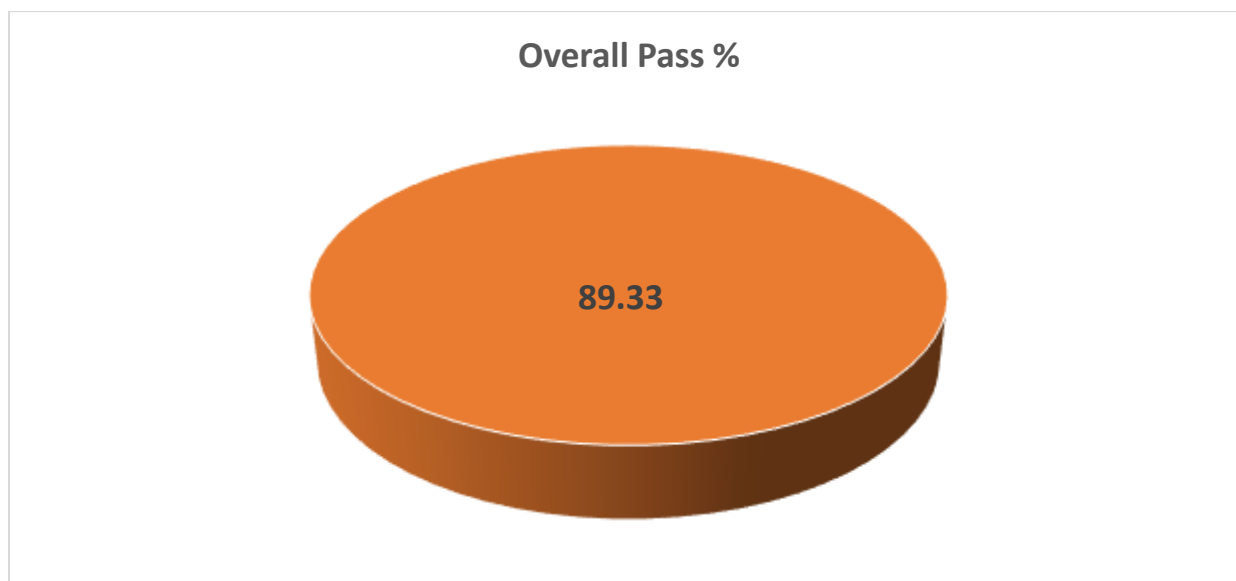
Figure:16.4: GENDER-WISE MEAN SCORE

Figure:16.4: The pass percentage of girls is higher than the boys. The pass percentage of girls is 89.74 and boys is 88.9.

Figure:16.5: OVERALL PASS PERCENTAGE**Figure:16.5:** The overall pass percentage of class X of Yurung CS is 89.33 %**Figure:16.6: STUDENTS INFORMATION**

Sl.No	School	Boys	Girls	Total
1	Yelchen CS	19	28	47
2	Nangkor CS	24	27	51
3	Nganglam CS	51	66	117
4	Pemagatshel MSS	25	27	52
5	Nganglam MSS	15	9	24
6	Yurung CS	36	39	75
Total		170	196	366

Figure:16.7: TOTAL NUMBER OF STUDENTS APPEARED EXAMINATION AND NUMBER OF STUDENTS PASSED IN DZONGKHAG

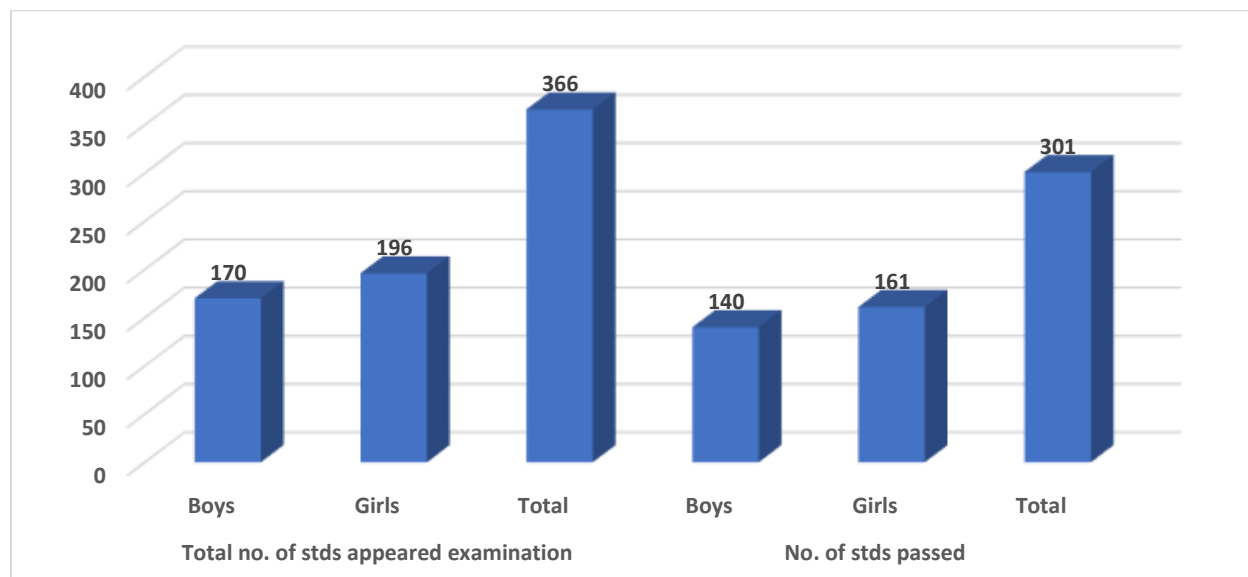


Figure:16.7: In Pemagatshel Dzongkhag, 366 class X students appeared examination. 170 were boys and 196 were girls. 301 of them passed. 65 of them failed. 30 boys and 35 girls failed.

Figure:16.8: SCHOOL-WISE MEAN SCORES

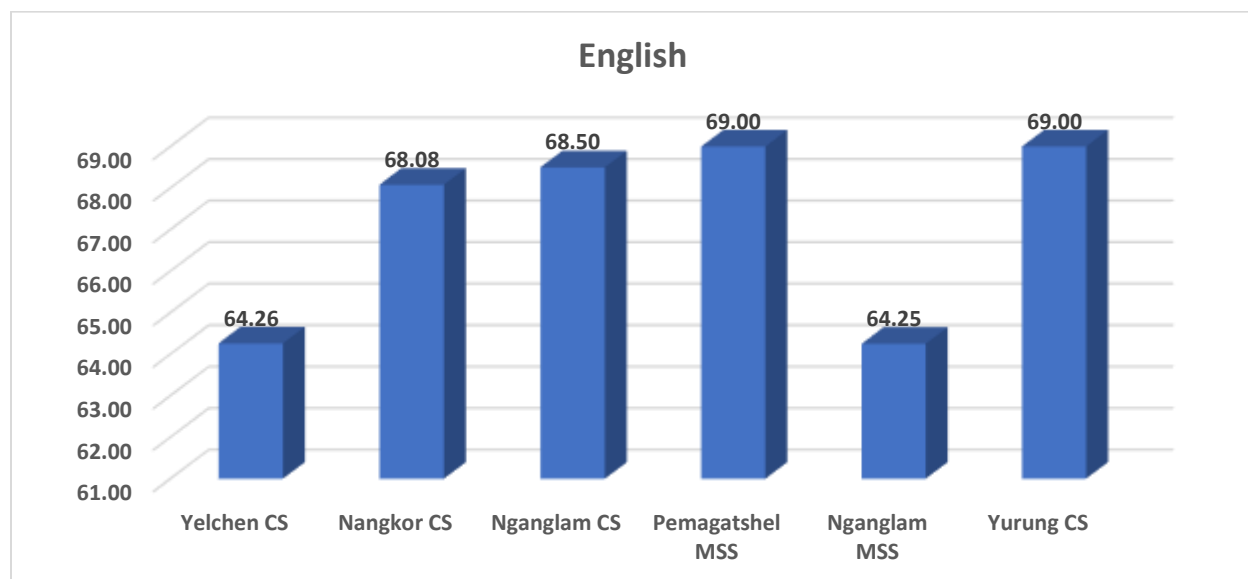


Figure:16.8: Pemagatshel MSS and Yurung CS topped the list in English with the mean score of 69 each followed by Nganglam CS with 68.5. Nganglam MSS and Yelchen CS with the lowest with 64.25 and 64.26 respectively.

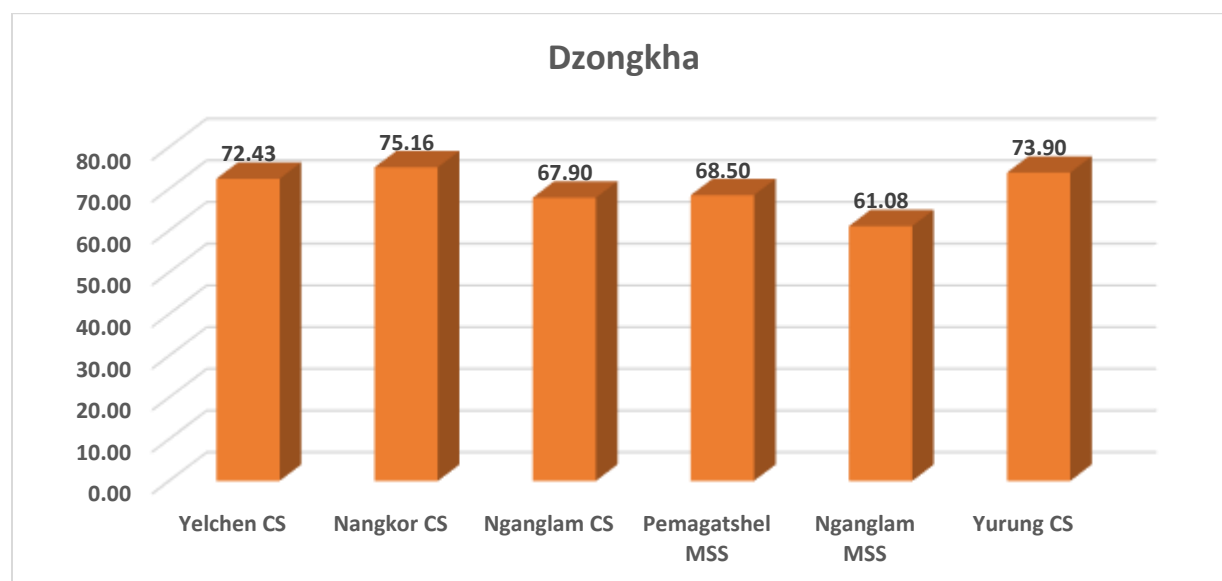
Figure:16.9: SCHOOL-WISE MEAN SCORES

Figure: 16.9: With 75.16 mean score Nangkor CS has the highest mean score followed by Yurung CS with 73.9 and Nganglam MSS with 61.08 at the lowest list.

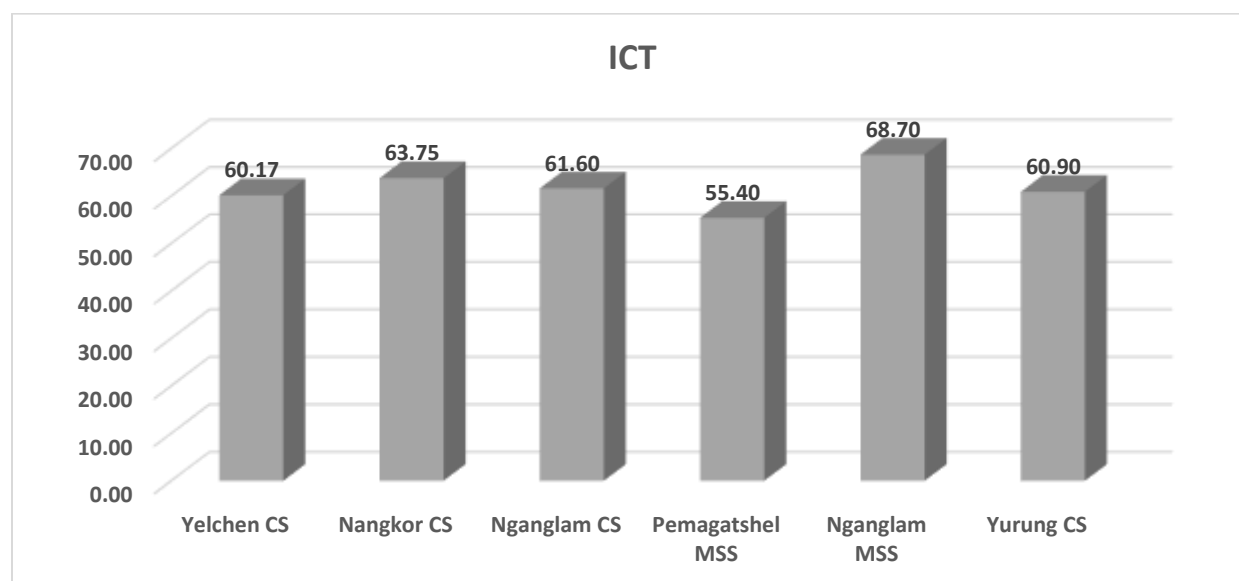
Figure:16.10: SCHOOL-WISE MEAN SCORES

Figure:16.10: Nganglam MSS with 68.7 mean score leads the table while Pemagatshel MSS with 55.4 at the lowest.

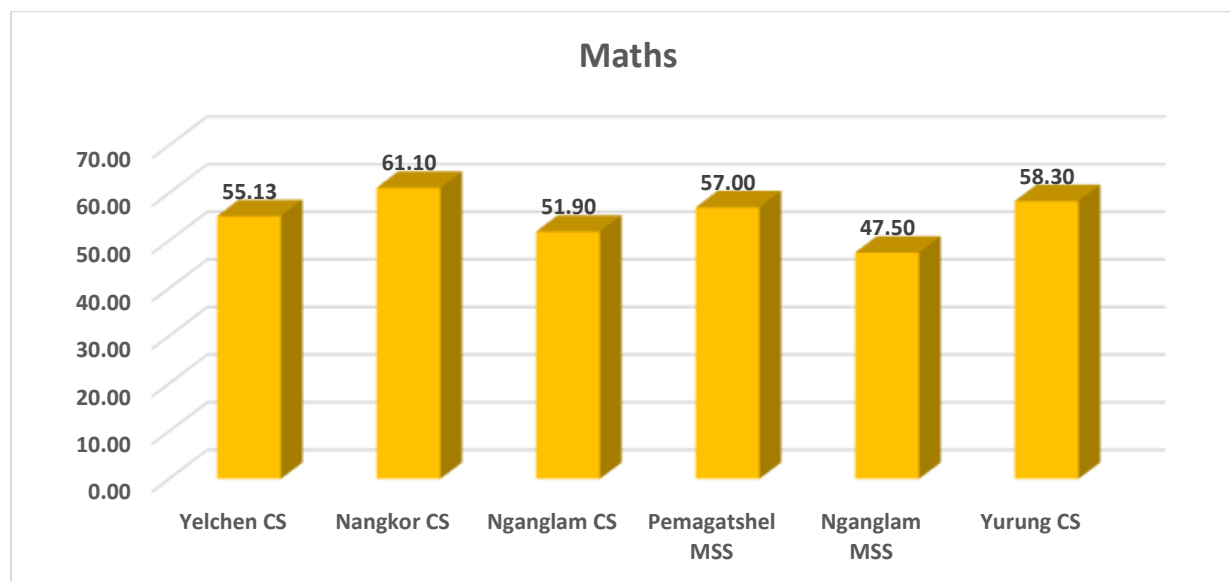
Figure:16.11: SCHOOL-WISE MEAN SCORES

Figure:16.11: Nangkor CS has the highest mean score of 61.1 in mathematics while Nganglam MSS with the lowest mean score of 47.5.

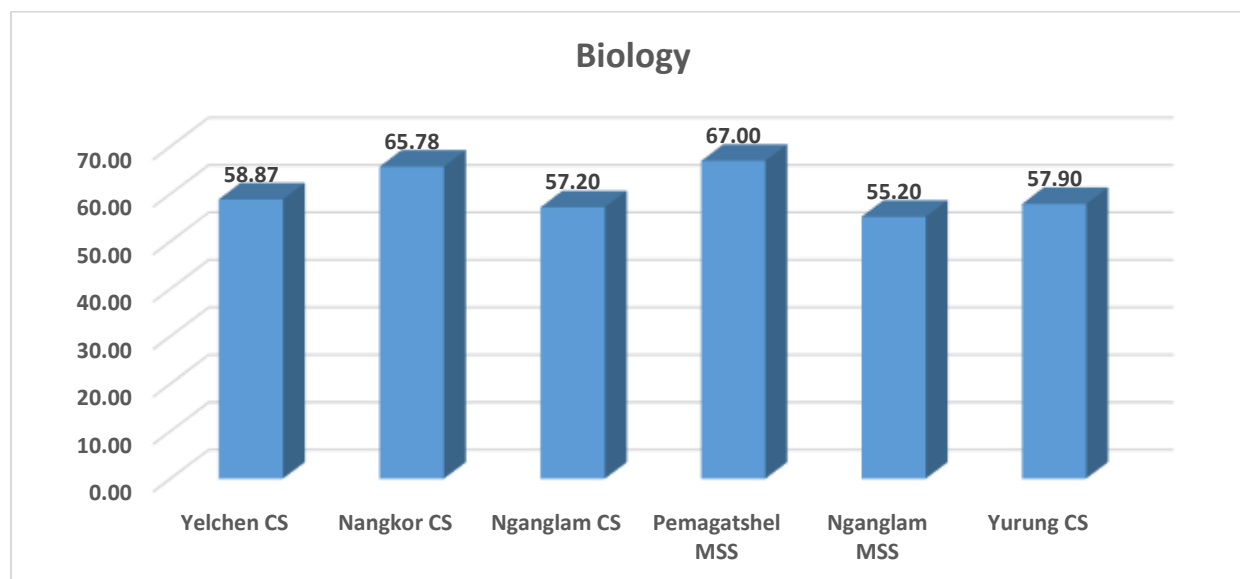
Figure:16.12: SCHOOL-WISE MEAN SCORES

Figure:16.12: Pemagatshel MSS with 67 mean score leads amongst the other schools. Nganglam MSS with 55.2 at the lowest.

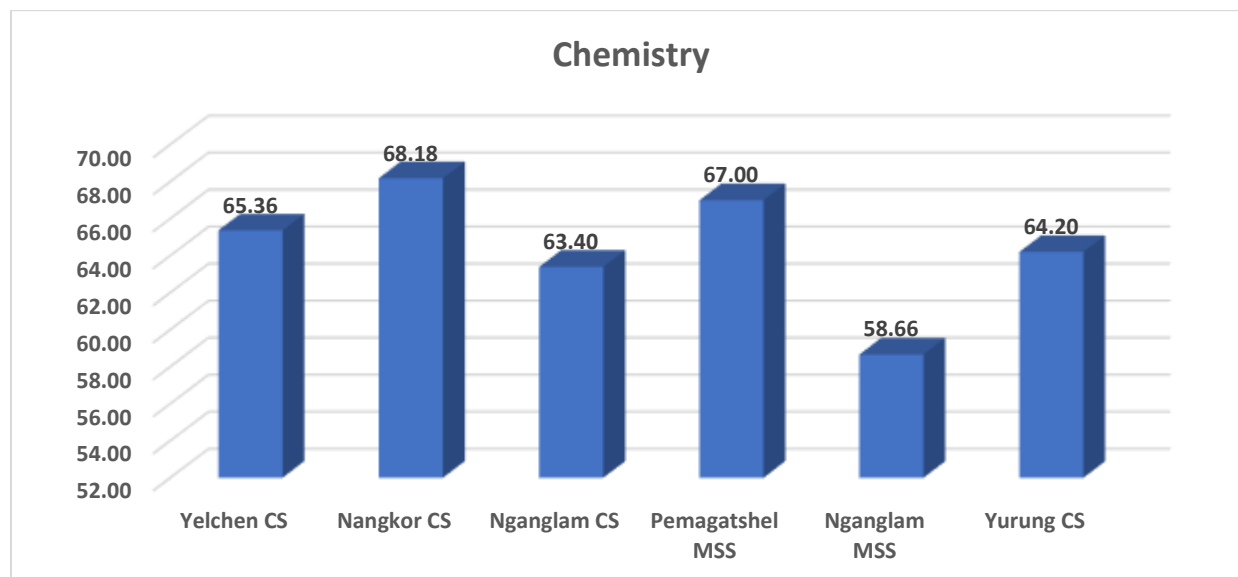
Figure:16.13: SCHOOL-WISE MEAN SCORES

Figure:16.13: Nangkor CS has the highest mean score in Chemistry with 68.18 followed by Pemagatshel MSS with 67 and Nganglam MSS has the lowest mean score of 58.66.

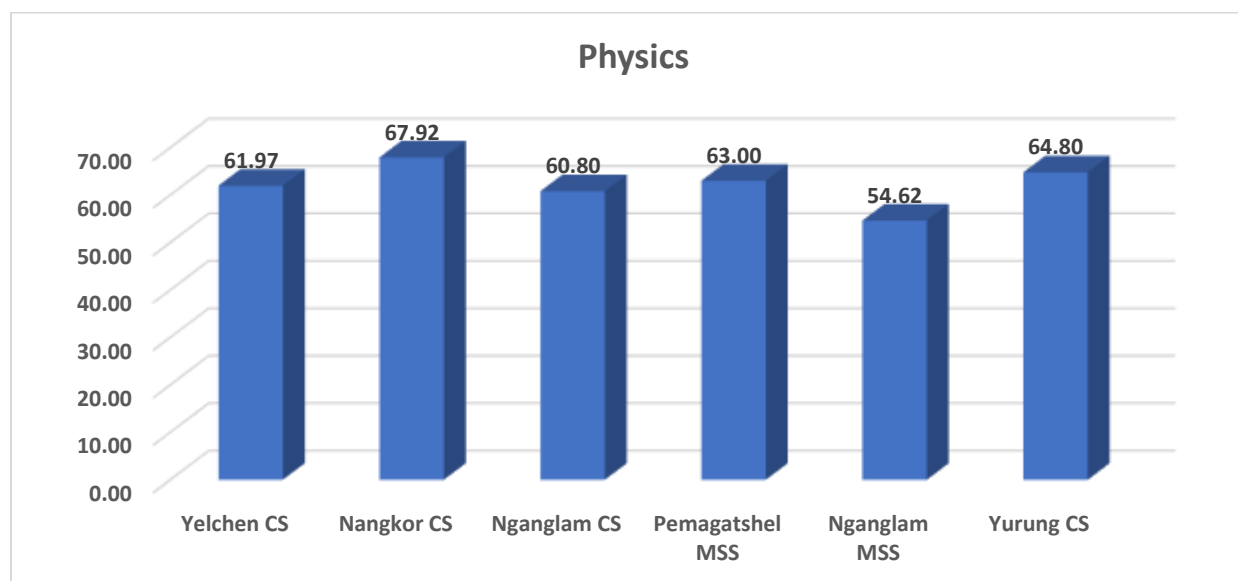
Figure: 16.14: SCHOOL-WISE MEAN SCORES

Figure:16.14: Students of Nangkor CS did well in Physics with mean score of 67.92 followed by Yurung CS with 64.8. Nganglam MSS with 54.62 has the lowest mean score.

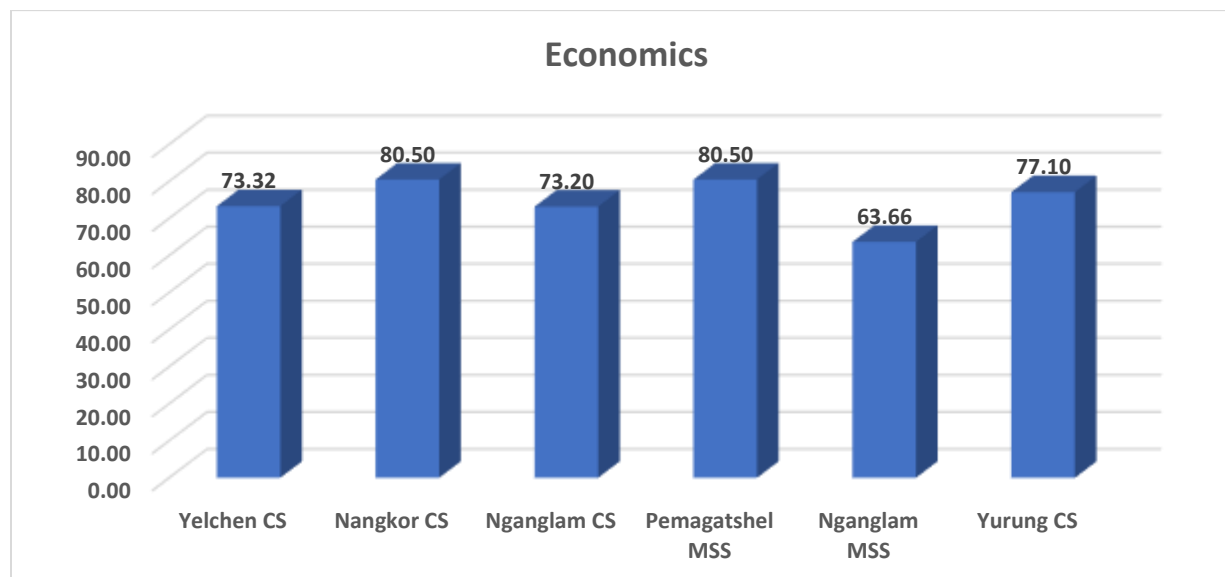
Figure:16.15: SCHOOL-WISE MEAN SCORES

Figure:16.15: Pemagatshel MSS and Nangkor Cs share the top spot in economics with 80.50 mean score while Nganglam MSS has the lowest mean score with 63.66.

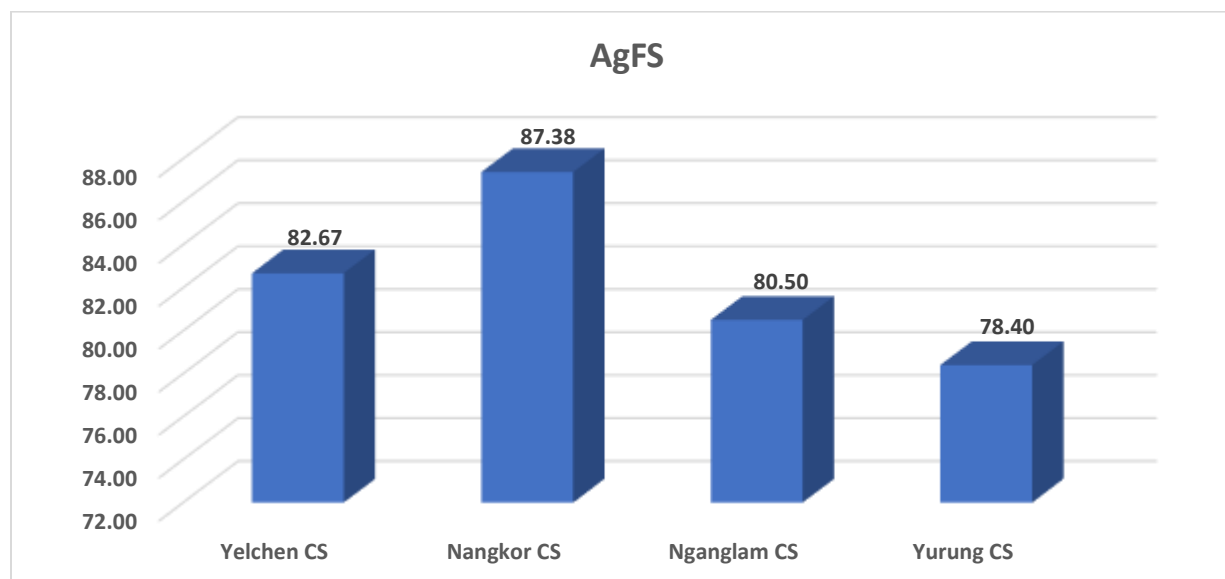
Figure:16.16: SCHOOL-WISE MEAN SCORES

Figure:16.16: Nangkor Cs and Yurung Cs has the highest and the lowest mean score of 87.38 and 78.4 respectively.

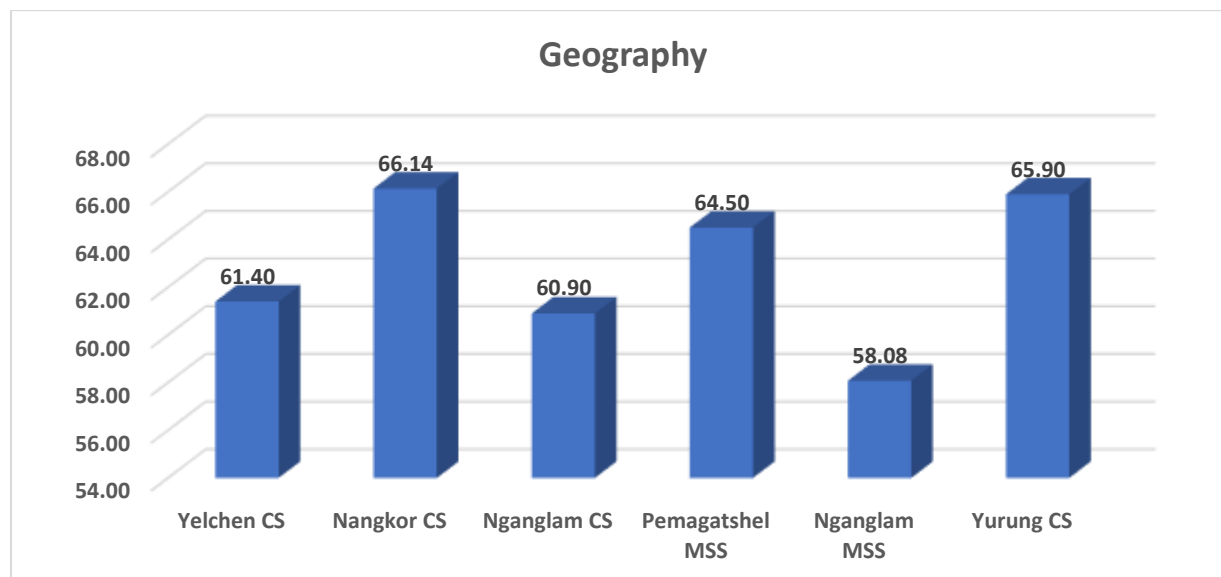
Figure:16.17: SCHOOL-WISE MEAN SCORES

Figure:16.17: Nangkor CS and Yurung CS with 66.14 and 65.9 mean scores while Nganglam MSS with 58.08 and Nganglam CS with 60.9 mean scores.

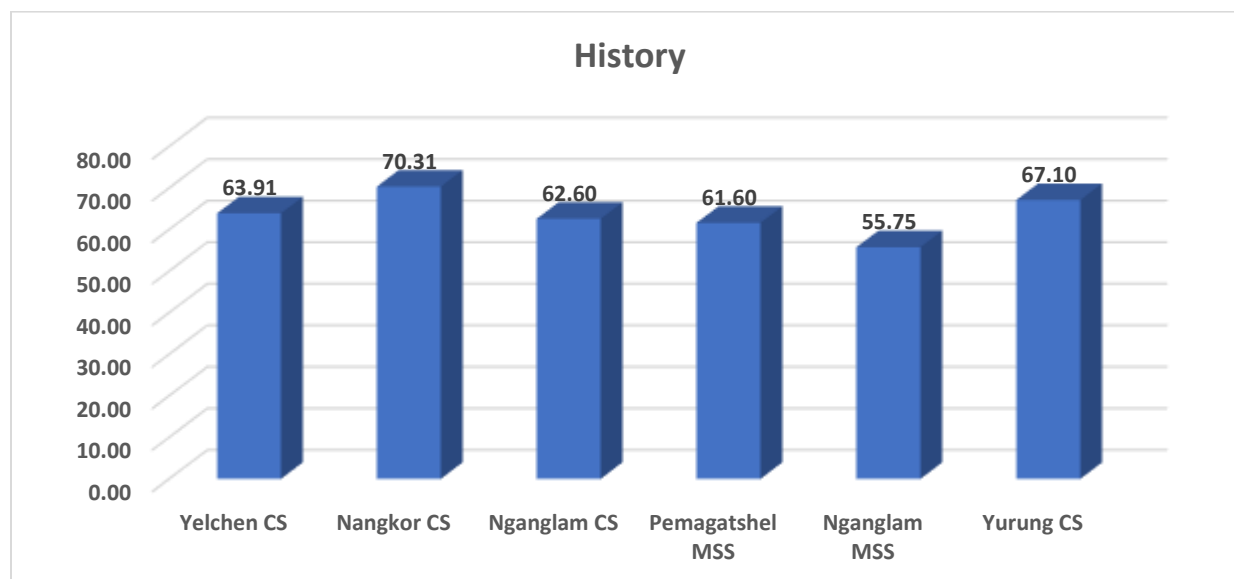
Figure:16.18: SCHOOL-WISE MEAN SCORES

Figure:16.18: Nangkor CS did well with 70.31 mean score followed by Yurung CS with 67.1. Nganglam MSS with 55.75 with lowest mean score.

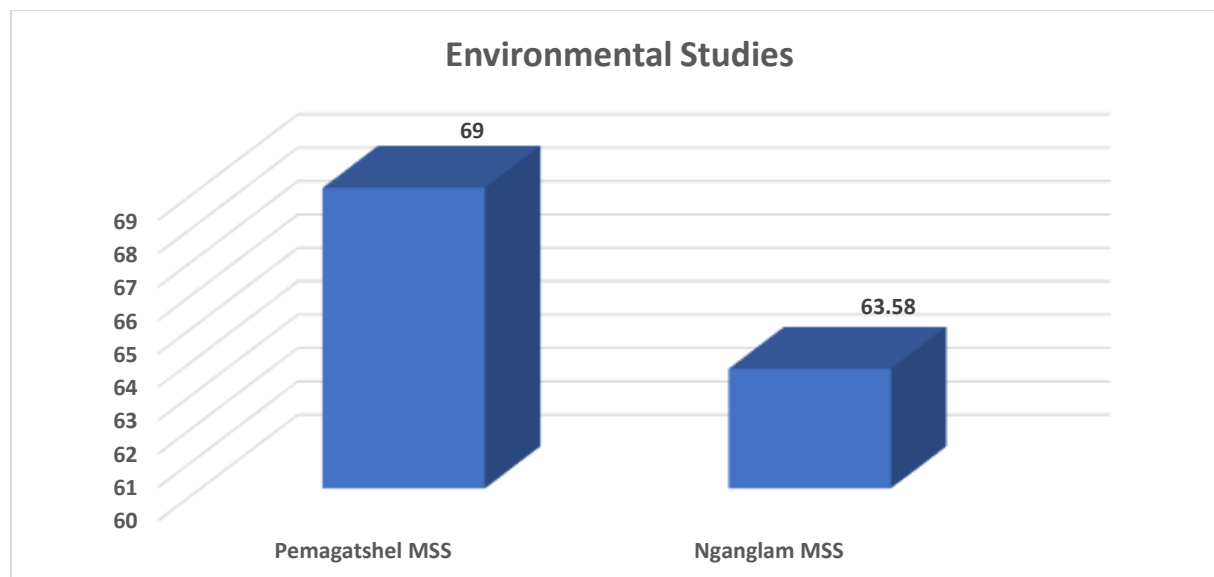
Figure:16.19: SCHOOL-WISE MEAN SCORES

Figure:16.19: Only two schools have offered EVS. Pemagatshel MSS students did better than the students of Nganglam MSS with 69 and 63.58 mean scores respectively.

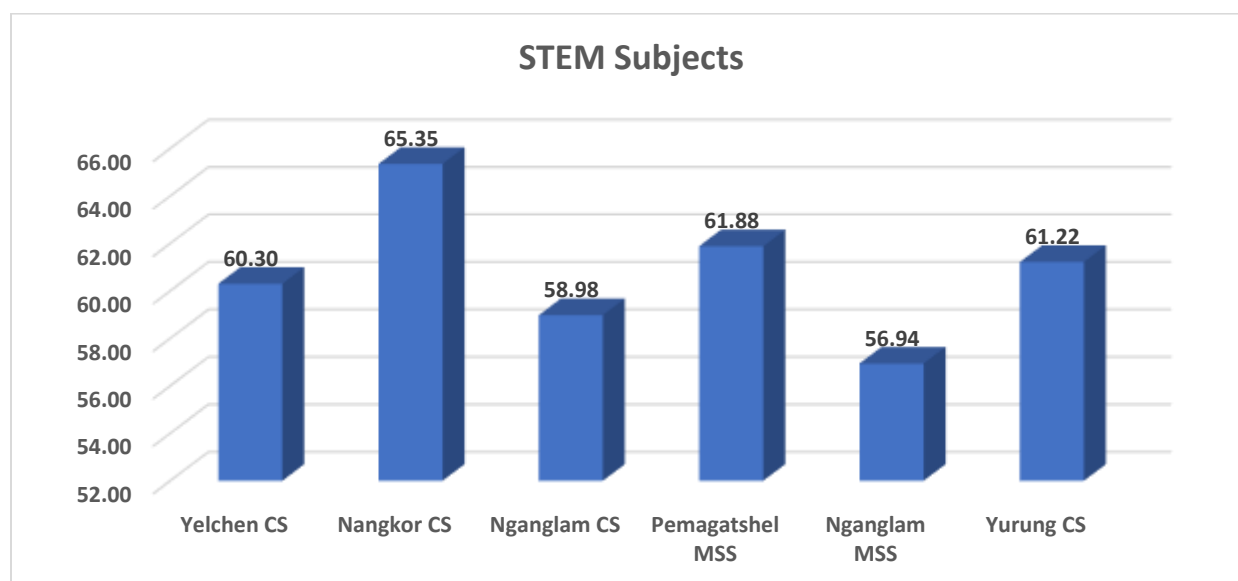
Figure:16.20: SCHOOL- WISE STEM SUBJECTS

Figure:16.20: Nangkor CS has the highest mean score in STEM subjects with 65.35 followed by Pemagatshel MSS with 61.88.

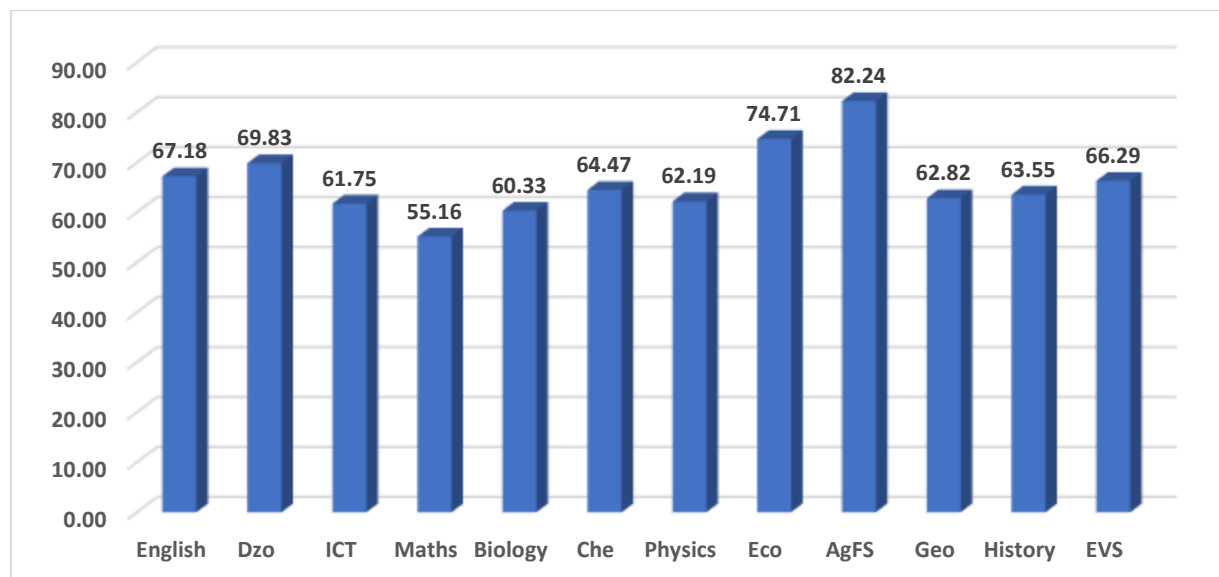
Figure:16.21: DZONGKHAG MEAN SCORE

Figure: 16.21: AgFS and economics has the highest mean score in Pemagatshel with 82.24 and 74.71 mean scores respectively. Mathematics has the lowest mean score with 55.16.

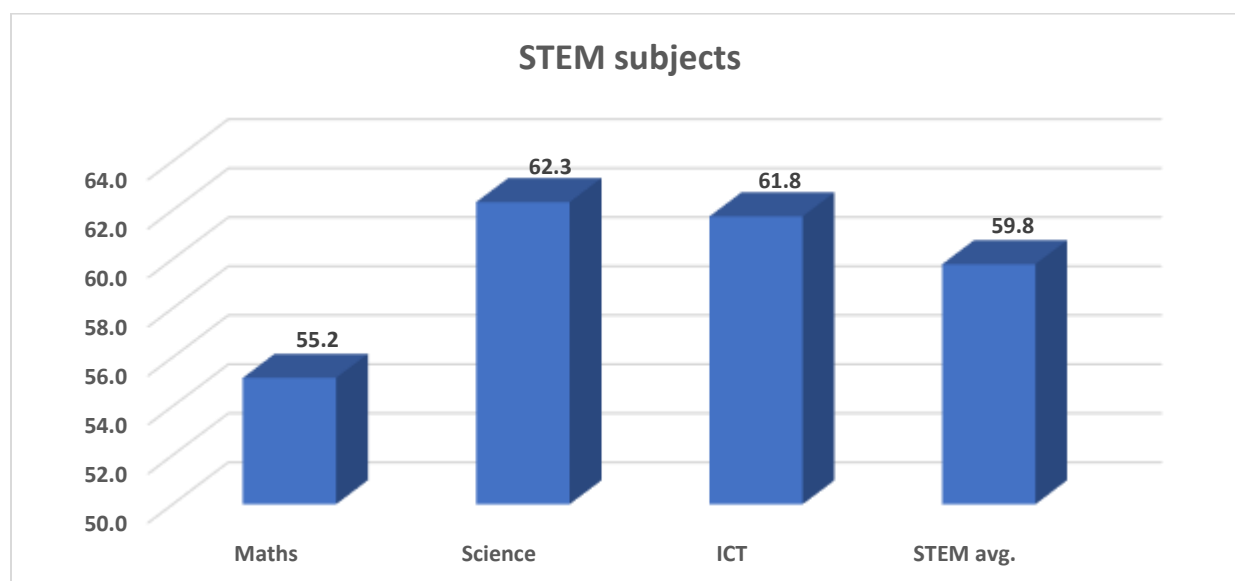
Figure:16.22: DZONGKHAG STEM MEAN SCORE

Figure:16.22: Amongst the STEM subjects, science has the highest mean score of 62.3 and mathematics has the lowest with 55.2. The average mean score of STEM subjects is 59.8.

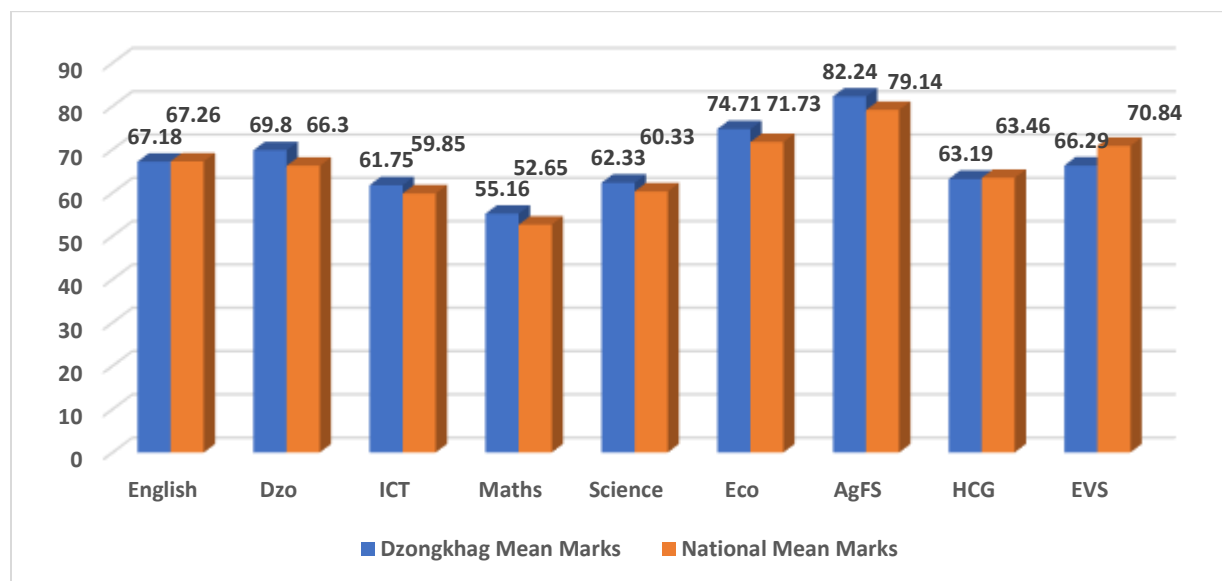
Figure:16.23: NATIONAL AND DZONGKHAG MEAN SCORES

Figure:16.23: Out of nine subjects in class X, three subjects (English, HCG and EVS) mean scores are less than the national mean scores.

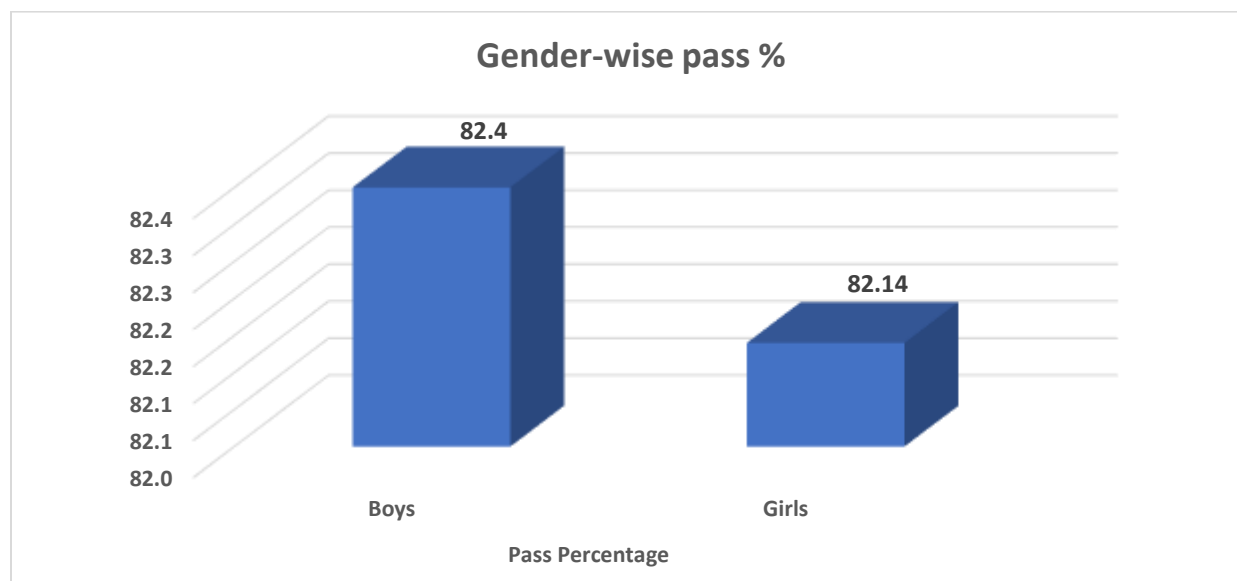
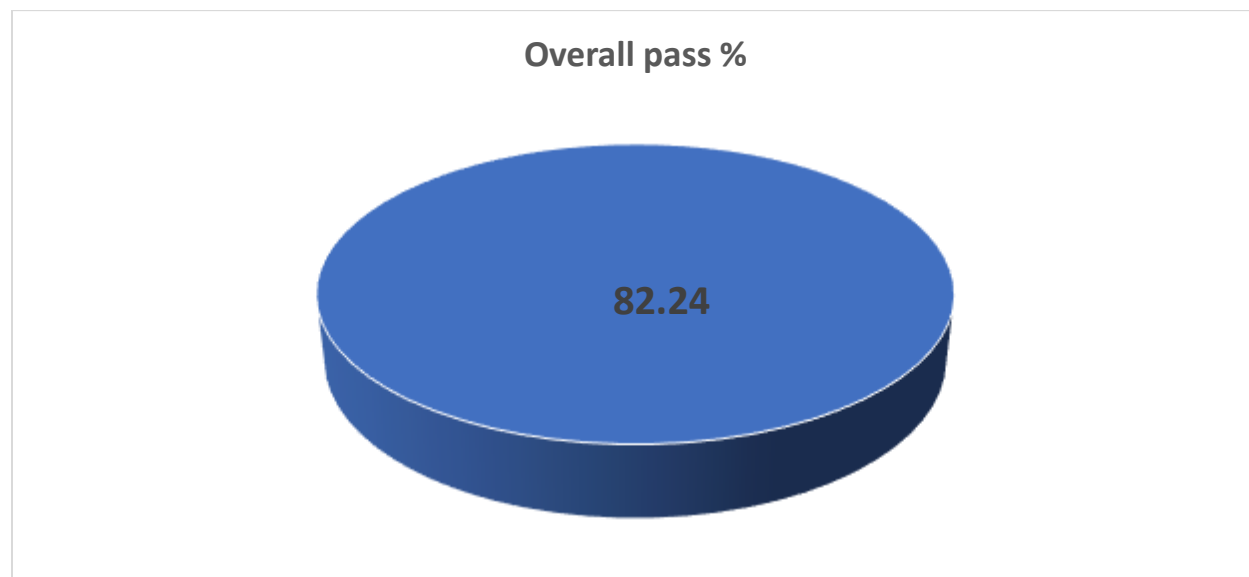
Figure:16.24: Figure: DZONGKHAG GENDER-WISE PASS PERCENTAGE

Figure:16.24: The pass percentage of boys and girls of class X is 82.4 and 82.14 respectively. Boys did slightly better than the girls.

Figure:16.25: DZONGKHAG OVERALL PASS PERCENTAGE**Figure:16.25:** The overall pass percentage of class X students of Pemagatshel Dzongkhag is 82.24%**Figure:16.26: SUBJECT-WISE HIGH AND LOW PERFORMING SCHOOLS**

High Performing			Low Performing		
School(s)	Subject(s)	Mean	School(s)	Subject(s)	Mean
PMSS & Yurung CS	English	69	Nganglam MSS	English	64.25
Nangkor CS	Mathematics	61.10	Nganglam MSS	Mathematics	47.5
Yurung CS	Dzongkha	73.9	Nganglam CS	Dzongkha	67.9
Pemagatshel MSS	Biology	67	Nganglam MSS	Biology	55.20
Nangkor CS	Physics	67.92	Nganglam MSS	Physics	54.62
Nangkor CS	Chemistry	68.18	Nganglam MSS	Chemistry	58.66
Nganglam MSS	ICT	68.70	Pemagatshel MSS	ICT	55.4
PMSS & Nangkor CS	Economics	80.5	Nganglam MSS	Economics	63.66
Nangkor CS	AgFS	87.38	Yurung CS	AgFS	78.4
Nangkor CS	Geography	66.14	Nganglam MSS	Geography	58.08
Nangkor CS	History	70.31	Nganglam MSS	History	55.75
Pemagatshel MSS	EVS	69	Nganglam MSS	EVS	63.58

Figure 16.26: Nangkor CS topped in seven subjects followed by PMSS in four subjects, Yurung CS in two subjects and Nganglam MSS in one subject.

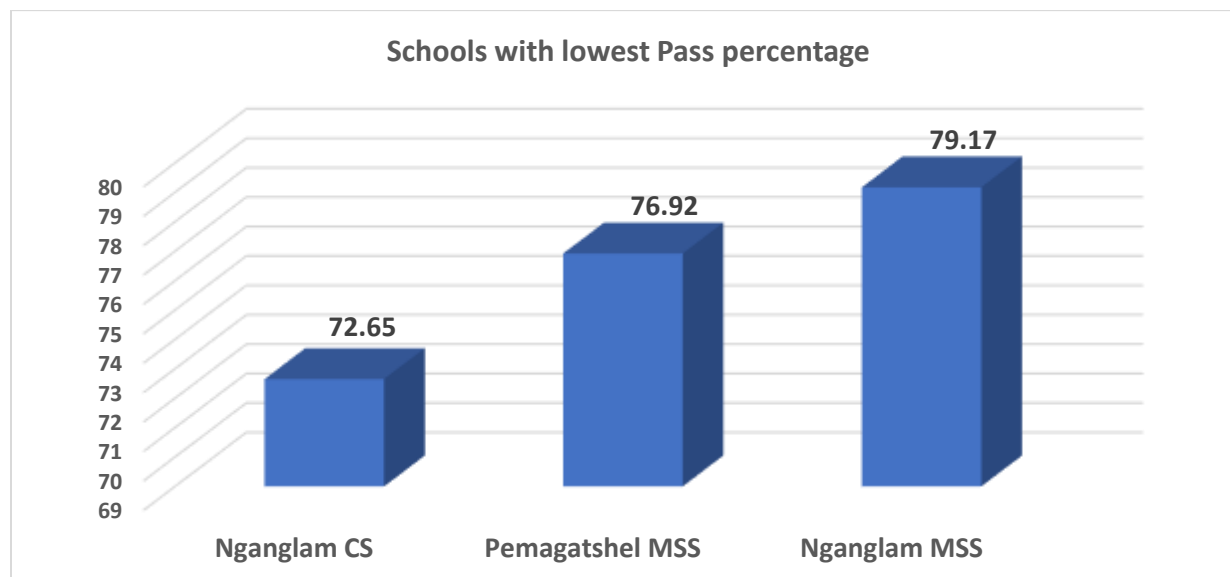
Figure:16.26: SCHOOLS WITH LOWEST PASS PERCENTAGE

Figure:16.26: Out of 6 schools HSS and MSS, three schools have pass percentage less than 80%. Nganglam CS with 72.65% has the lowest pass percentage.

Figure:16.27: COMPARISION OF 2022 AND 2023 PERFORMANCES

Sl. No	School	Pass % - 2022	Pass % - 2023	Increase/decrease by (%)
1	Yelchen CS	67.34	85.11	+17.77
2	Nangkor CS	95.3	98.04	+2.74
3	Nganglam CS	31.25	72.65	+41.4
4	Yurung CS	52.50	89.33	+36.83
5	PMSS	85.94	76.92	-9.02
6	Nganglam MSS	76	79.17	+3.17
	Total	68.1	83.54	+15.48 Increase

Figure 16.27: Except for Pemagatshel MSS, other 5 HSS and MSS have better performance in class X. There is an increase in pass percentage. Nganglam CS has the highest increase in pass percentage with 41.4 % followed by Yurung CS with 36.86%. The pass percentage of Pemagatshel MSS has dropped by 9.02 %. The overall pass percentage is 83.54%. There is a significant increase in pass percentage compared to last year performance. 15.48 % increase in overall pass percentage (2022 – 68.1%, 2023 – 83.54%).

CHAPTER 17
CLASS XII – RESULT ANALYSIS
YELCHEN CS

Figure 17.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED STREAM-WISE IN DZONGKHAG

No. of students appeared Examination				No. of students passed		
Stream	Boys	Girls	Total	Boys	Girls	Total
ARTS	69	95	164	62	86	148
COMMERCE	55	50	105	45	43	88
SCIENCE	54	57	111	43	53	96
Total	178	202	380	150	182	332

Figure 17.1: Total of 380 students of class XII appeared for the examination from three HSS. 332 students were awarded PCA while 48 students in class XII were awarded PCNA. Out of 178 boys, 150 students passed while 28 students couldn't make it. Similarly, 182 girls passed and 20 girls with PCNA.

Figure 17.2: YELCHEN CS - NUMBER OF STUDENTS APPEARED EXAMINATION AND PASSED

School	Streams	Total no. of stds. appeared examination			No. of stds. Passed		
		Boys	Girls	Total	Boys	Girls	Total
Yelchen CS	Arts	16	29	45	14	24	38
	Commerce	19	16	35	17	12	29
	Science	11	7	18	8	6	14
	Total	46	52	98	39	42	81

Figure 17.2: In Yelchen CS, 98 class XII students appeared for the examination. 81 of them passed while 17 of them failed. 7 boys and 10 girls failed in total.

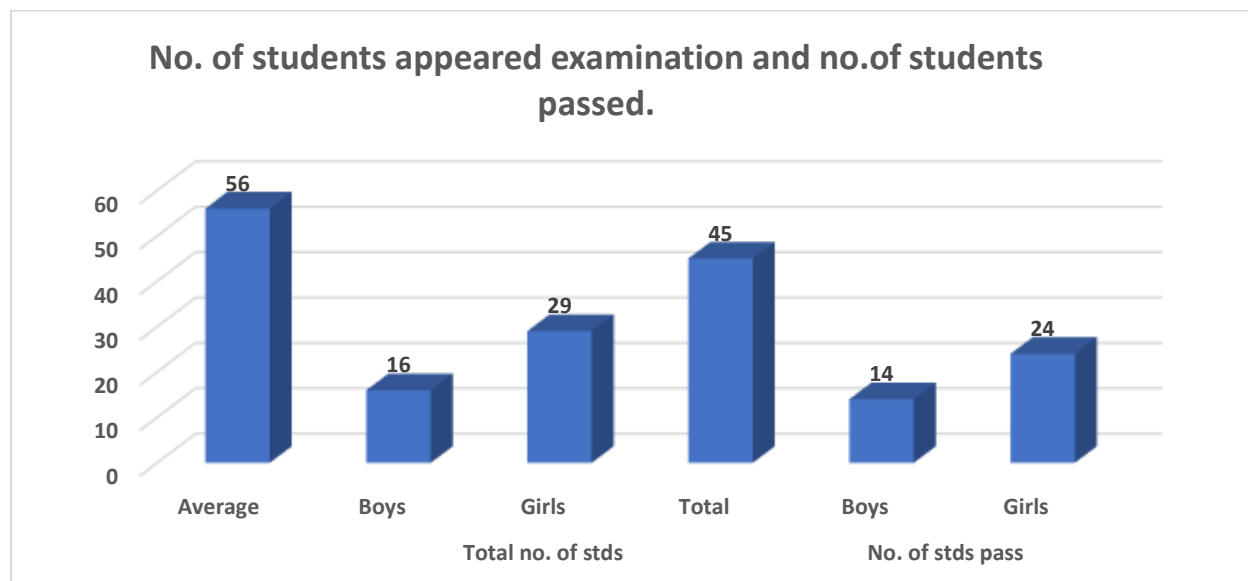
Figure 17.3: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

Figure 17.3: 45 Arts students of Yelchen CS appeared for examination. 38 of the were awarded PCA. 7 of them failed to secure the pass marks.

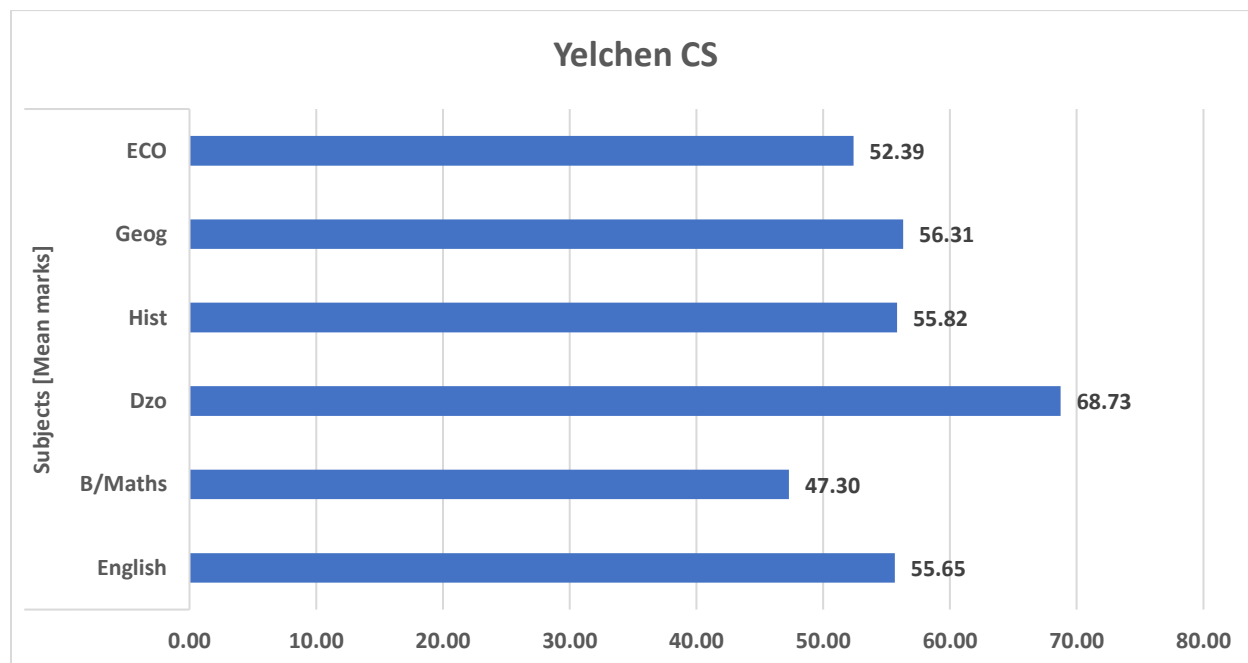
Figure 17.4: YELCHEN CS – ARTS: SUBJECT-WISE MEAN SCORE

Figure 17.4: Arts students of Yelchen CS performed better in Dzongkha with mean score of 68.73. B/Maths has the lowest mean score of 47.30. All subjects mean scores are below the National mean scores except in Dzongkha.

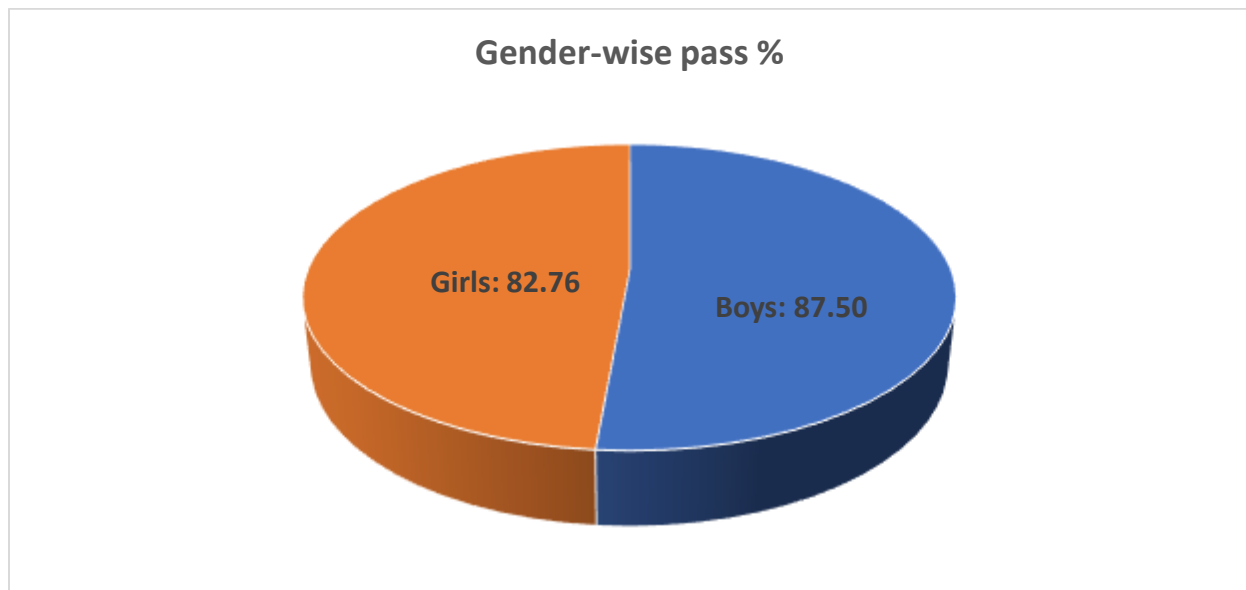
Figure 17.5: GENDER-WISE PASS PERCENTAGE

Figure 17.5: Boys have higher pass percentage than girls in Arts Stream at Yelchen CS. Pass percentage of Boys to girls are 87.50% and 82.76% respectively.

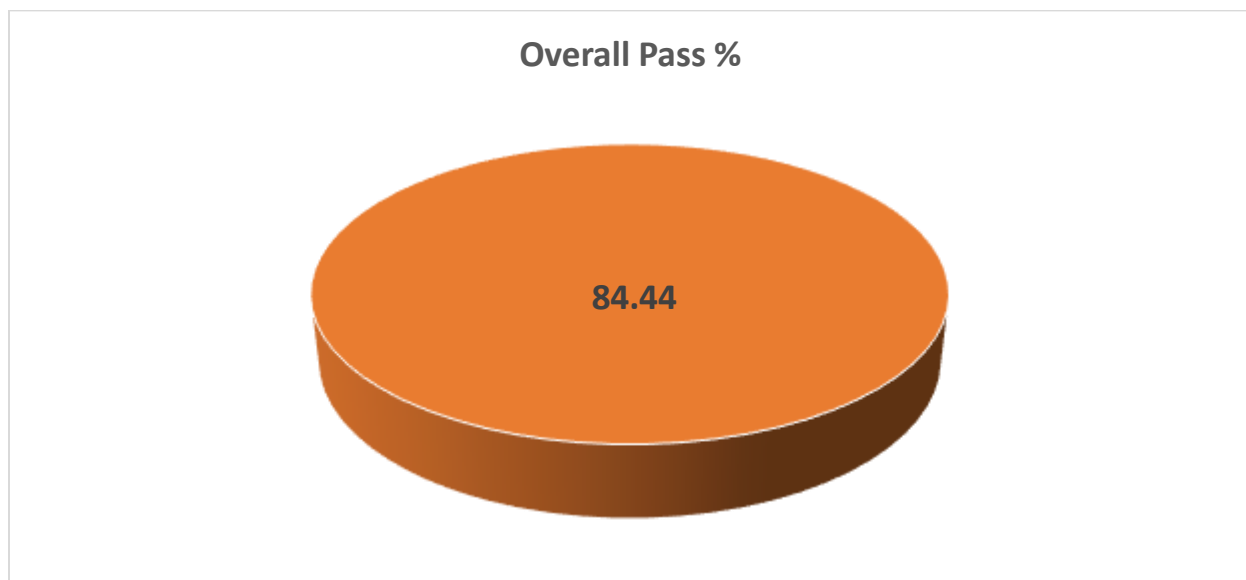
Figure 17.6: OVER ALL PASS PERCENTAGE

Figure 17.6: The overall pass percentage of Yelchen CS in Arts stream is 84.44 %

CHAPTER 18
CLASS XII COMMERCE – RESULT ANALYSIS
YELCHEN CS

Figure 18.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

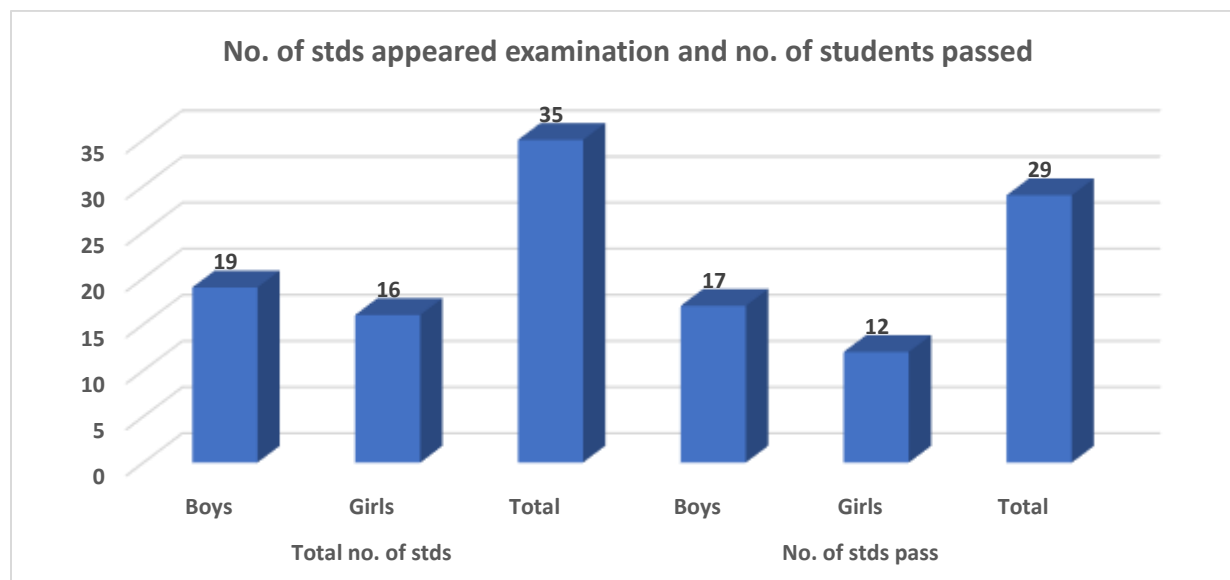


Figure 18.1: 29 Commerce students of Yelchen CS were awarded PCA out of 35. 2 boys and 4 girls failed.

Figure 18.2: SUBJECT-WISE MEAN SCORES

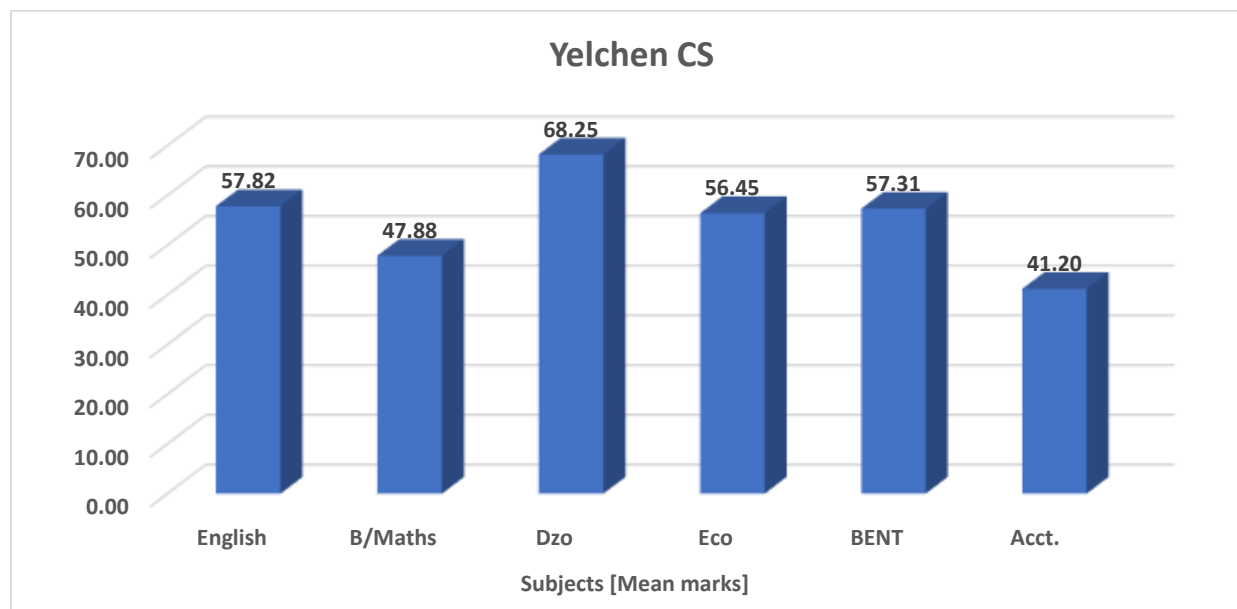


Figure 18.2: Students of Yelchen has highest mean score in Dzongkha with 68.25 and lowest in Accountancy with 41.20. Except for B/Maths, all other subjects are below National mean scores.

Figure 18.3: GENDER-WISE PASS PERCENTAGE

Figure 18.3: Boys performed better than girls at Yelchen CS in Commerce Stream. The pass percentage of Boys to Girls are 89.47% and 75% respectively.

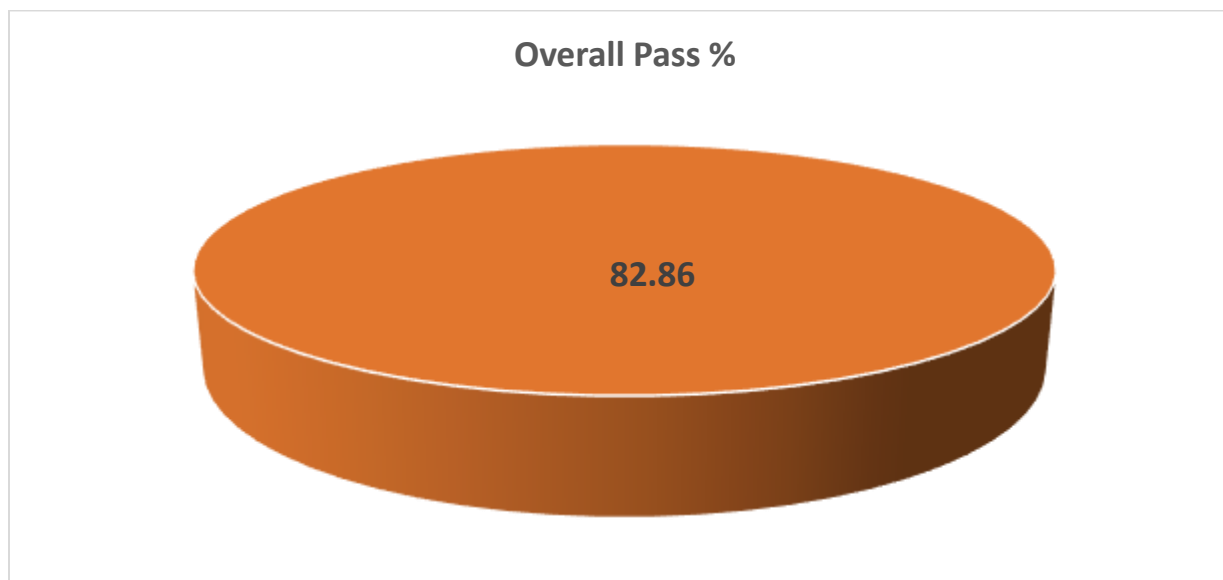
Figure 18.4: OVERALL PASS PERCENTAGE

Figure 18.4: The overall pass percentage of class XII Commerce of Yelchen CS is 82.86%

CHAPTER 19
CLASS XIII SCIENCE – RESULT ANALYSIS
YELCHEN CS

Figure 19.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

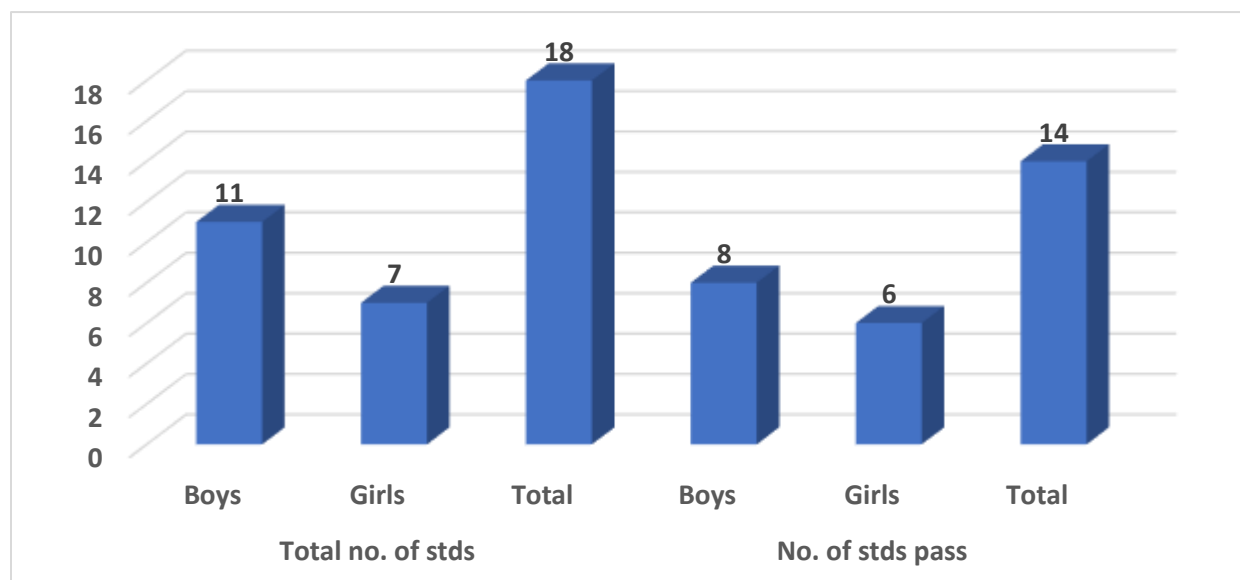


Figure 19.1: Out of 18 Science students at Yelchen CS, 14 of them were awarded PCA. 4 students failed to meet the required pass marks

Figure 19.2: SUBJECT-WISE MEAN SCORES

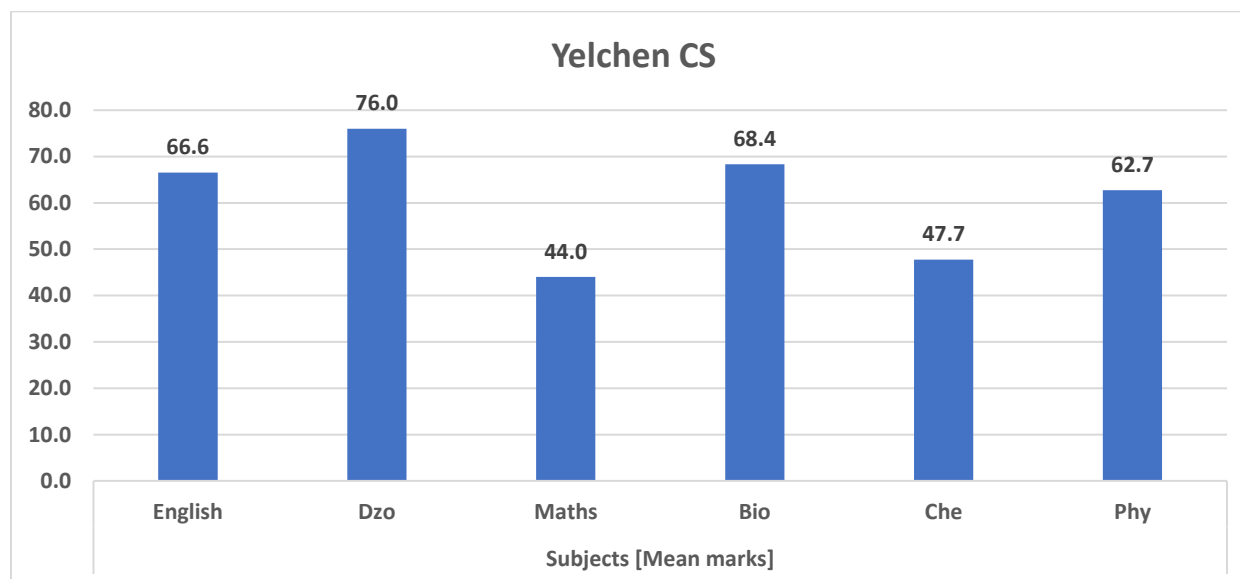


Figure 19.2: In Science stream too, students have performed better in Dzongkha with mean score of 76. Maths has the lowest mean score of 44. English, Dzongkha and Biology mean scores are higher than the National mean scores but Maths, Physics and Chemistry's mean scores are lower than the National mean scores.

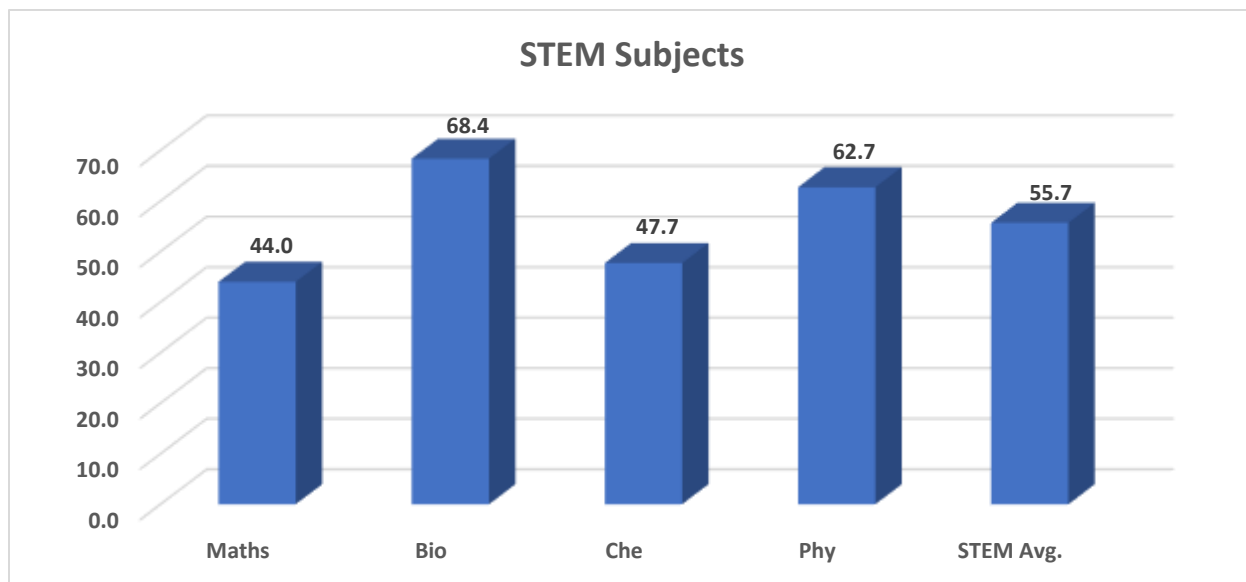
Figure 19.3: MEAN SCORE OF STEM SUBJECTS

Figure 19.3: Biology has the mean score with 68.4 followed by Physics with 62.7, while Mathematics has the lowest mean score of 44 followed by Chemistry with 47.7.

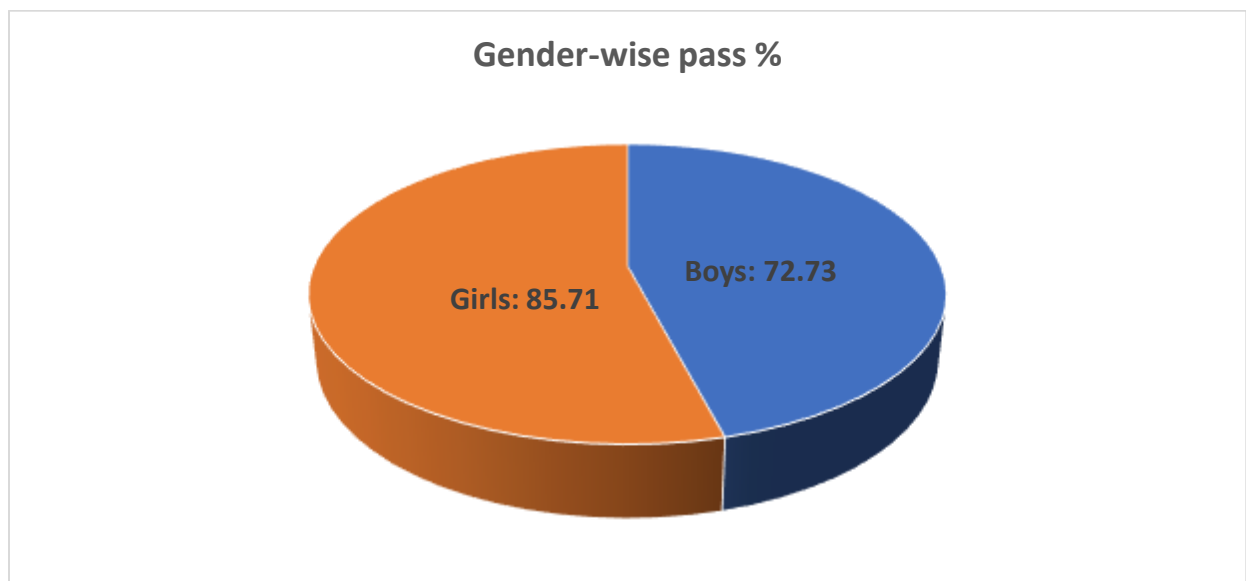
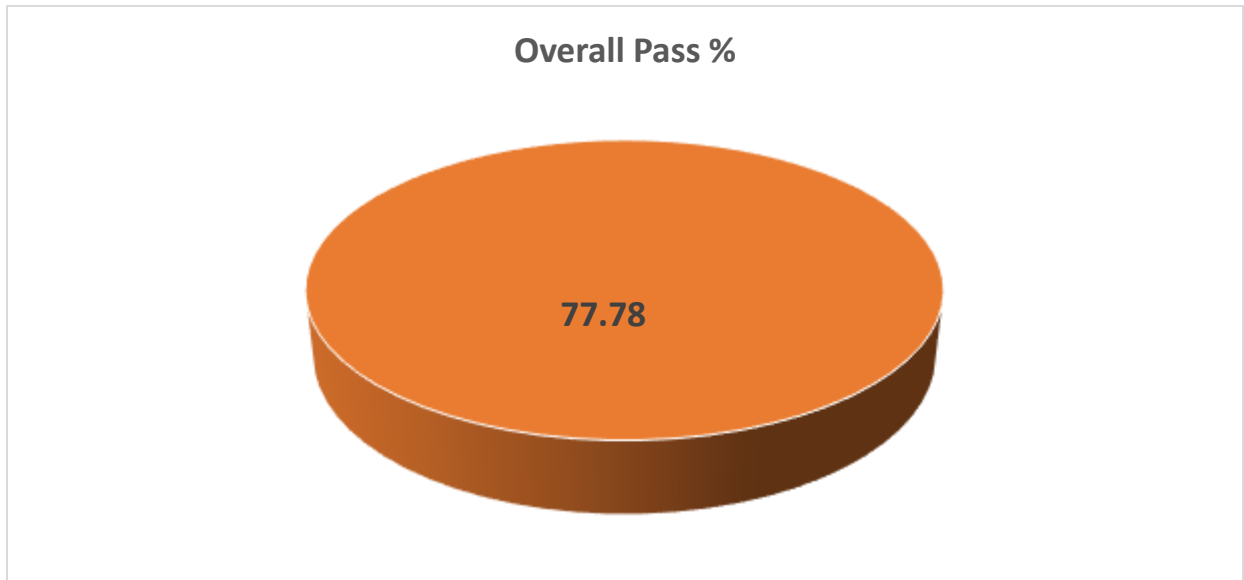
Figure 19.4: GENDER-WISE PASS PERCENTAGE

Figure 19.4: The pass percentage of girls are higher than the boys. Girls with 85.71% and boys with 72.73%.

Figure 19.5: OVERALL PASS PERCENTAGE**Figure 19.5:** Overall pass percentage is 77.78%

CHAPTER 20
CLASS XII ARTS - RESULT ANALYSIS
NANGKOR CS

Figure 20.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND PASSED

School	Streams	Total no. of stds.appeared examination			No. of stds. Passed		
		Boys	Girls	Total	Boys	Girls	Total
Nangkor CS	Arts	20	28	48	20	28	48
	Commerce	23	21	44	21	20	41
	Science	30	33	63	28	32	60
Total		73	82	155	69	80	149

Figure 20.1: 155 students from Nangkor CS appeared for the examination. 149 students were awarded PCA while 6 students were awarded PCNA. 4 boys and 2 girls could not get through the examination.

Figure 20.2: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

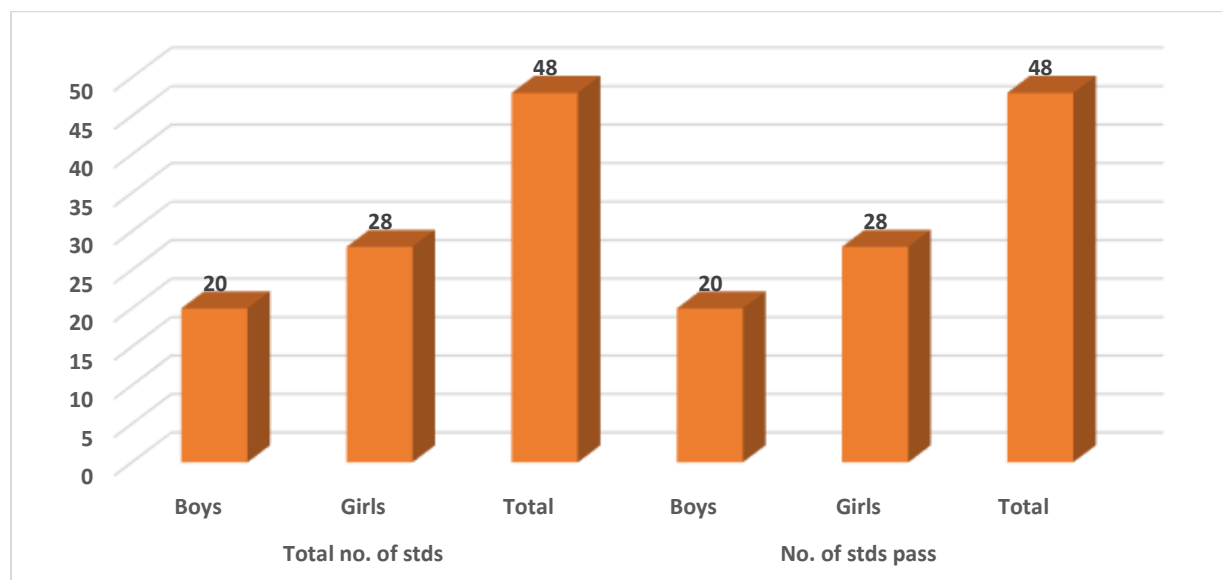


Figure 20.2: With all the 48 students through the examination, Nangkor CS has 100 % pass in Arts stream.

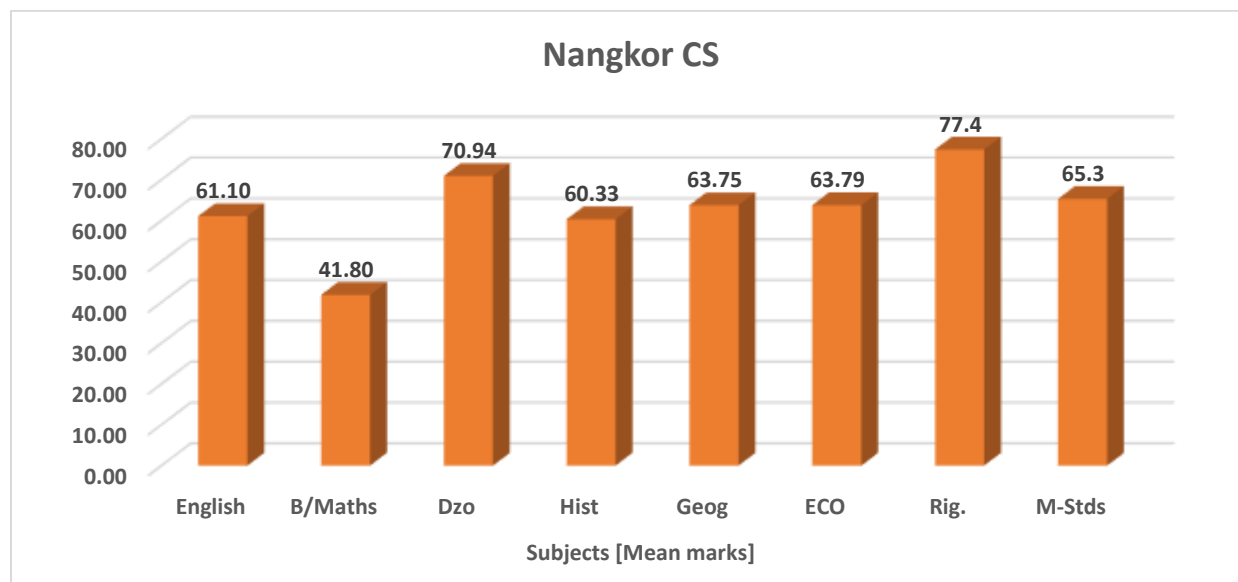
Figure 20.3: SUBJECT-WISE MEAN SCORES

Figure 20.3: Nangkor CS has highest mean in Rigzhung followed by Dzongkha with 77.4 and 70.94. B/Maths has the lowest mean score of 41.80 followed by History with 60.33.

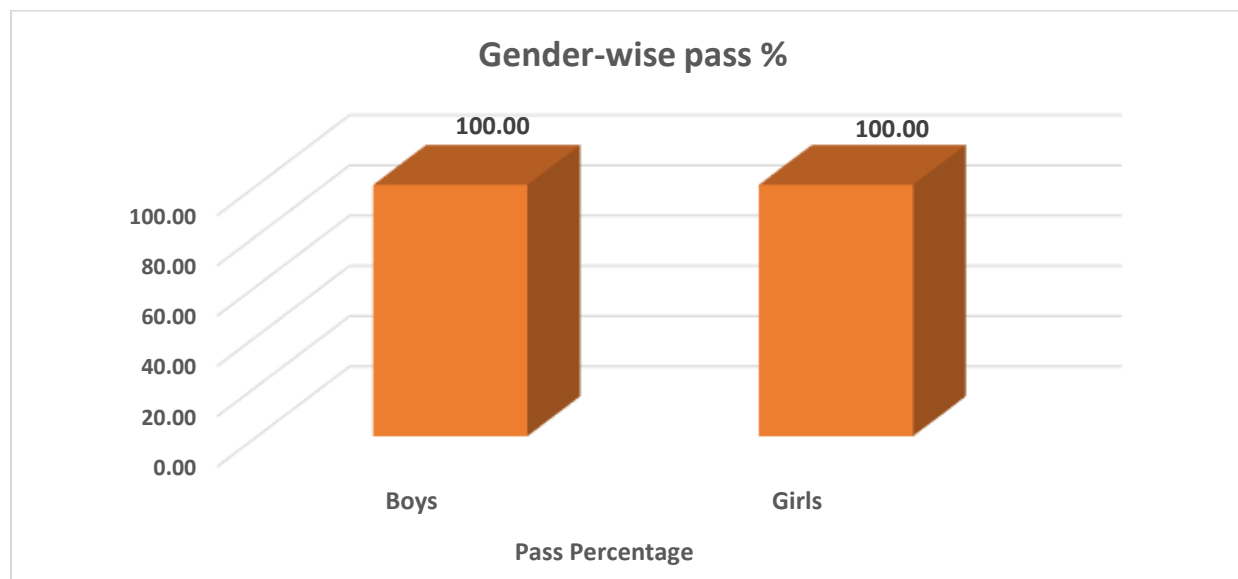
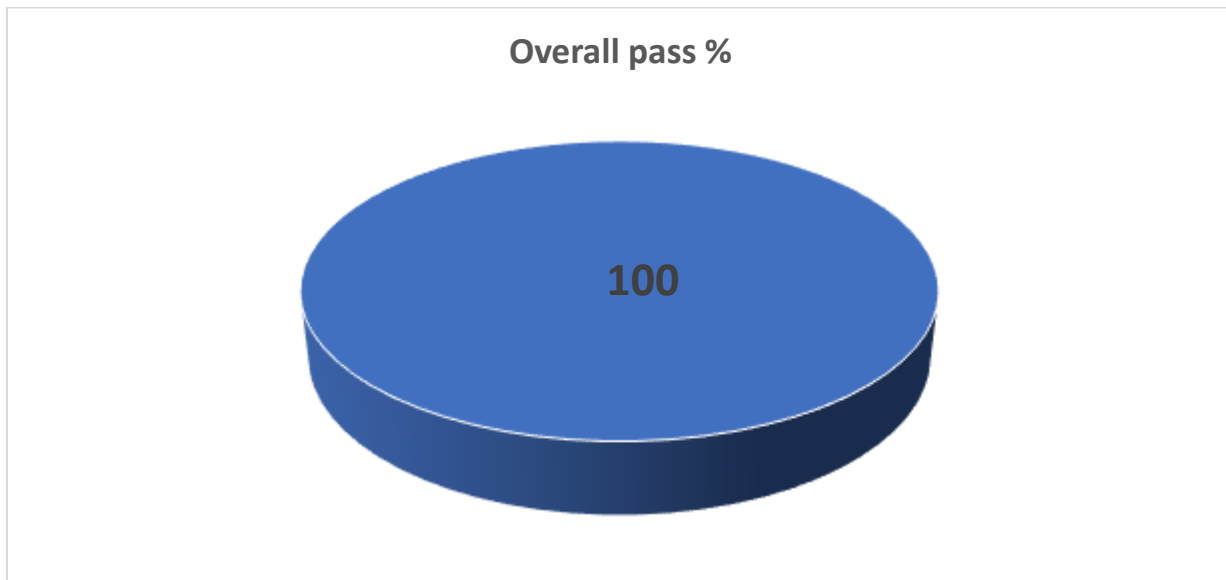
Figure 20.4: GENDER-WISE PASS PERCENTAGE

Figure 20.4: The pass percentage for the Arts stream of Nangkor CS is 100 %.

Figure 20.5: OVERALL PASS PERCENTAGE**Figure 20.5:** The pass percentage for the Arts stream at Nangkor CS is 100 %.

CHAPTER 21
CLASS XII COMMERCE – RESULT ANALYSIS
NANGKOR CS

Figure 121.1: NO. OF STUDENTS APPEARED EXAMINATION AND NO. OF STUDENTS PASSED

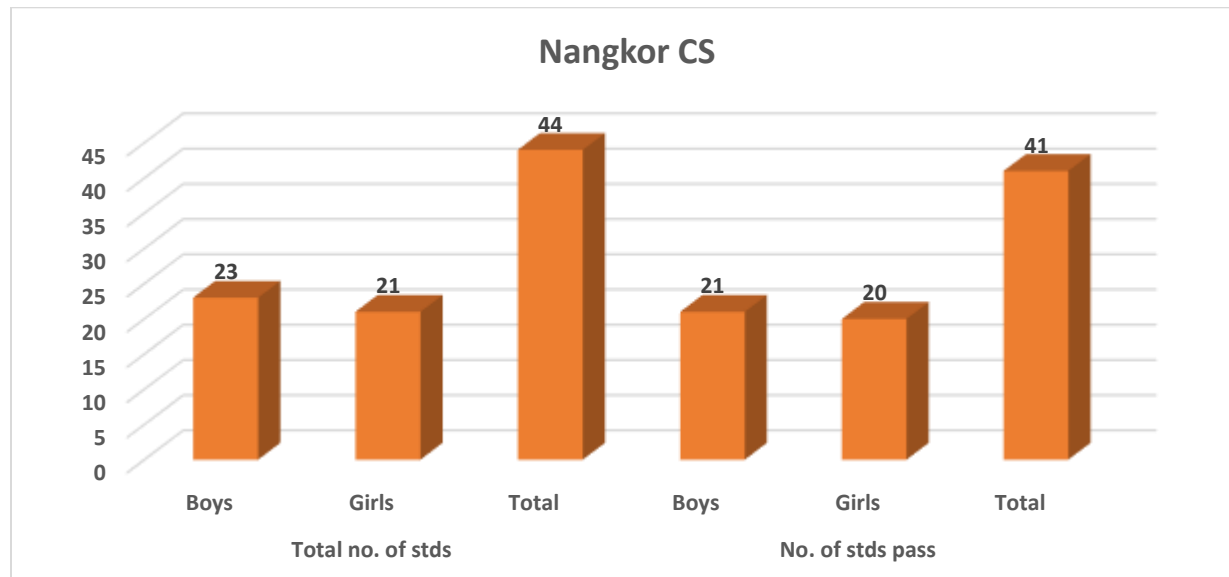


Figure 21.1: Out of 44 students who appeared for examination, 41 of the could make it to the next higher grade.

Figure 21.2: SUBJECT-WISE MEAN SCORES

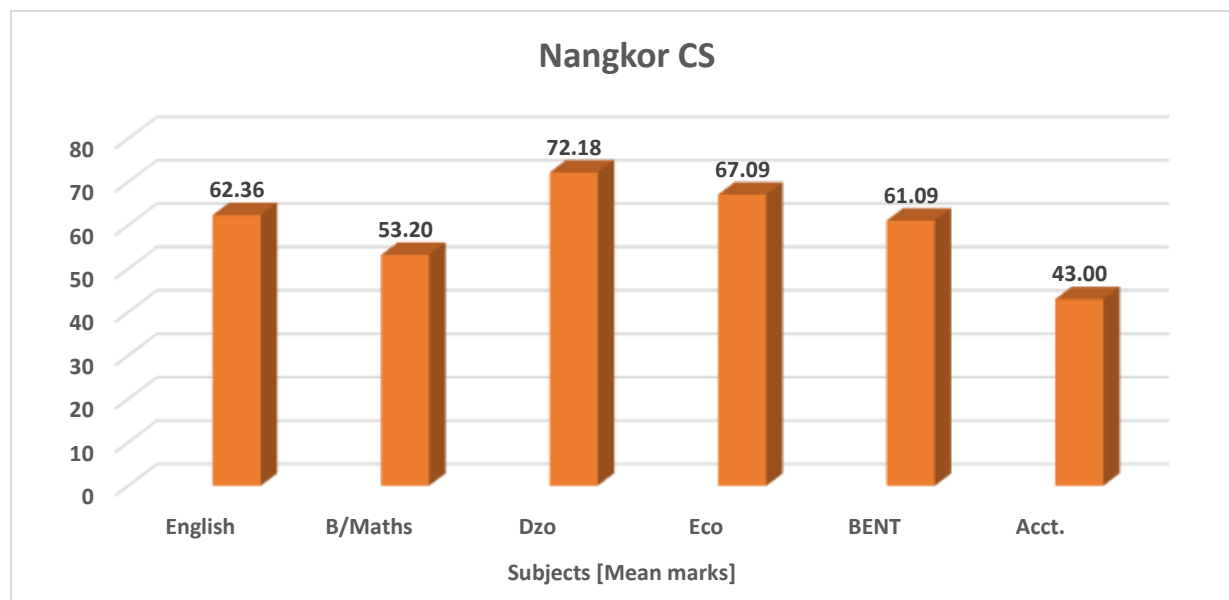
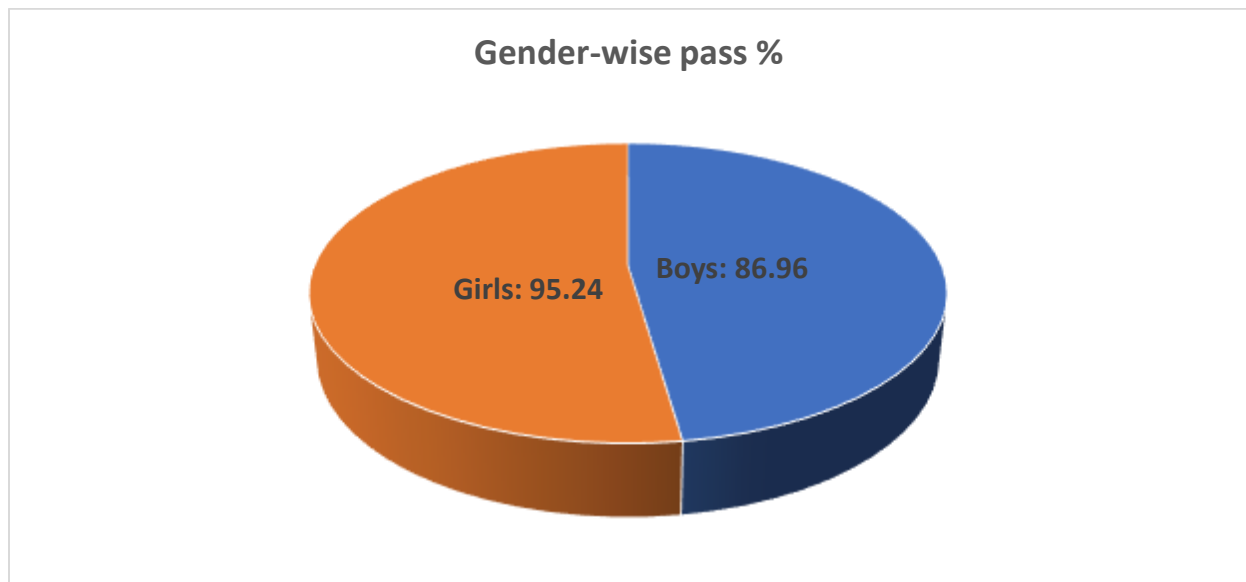
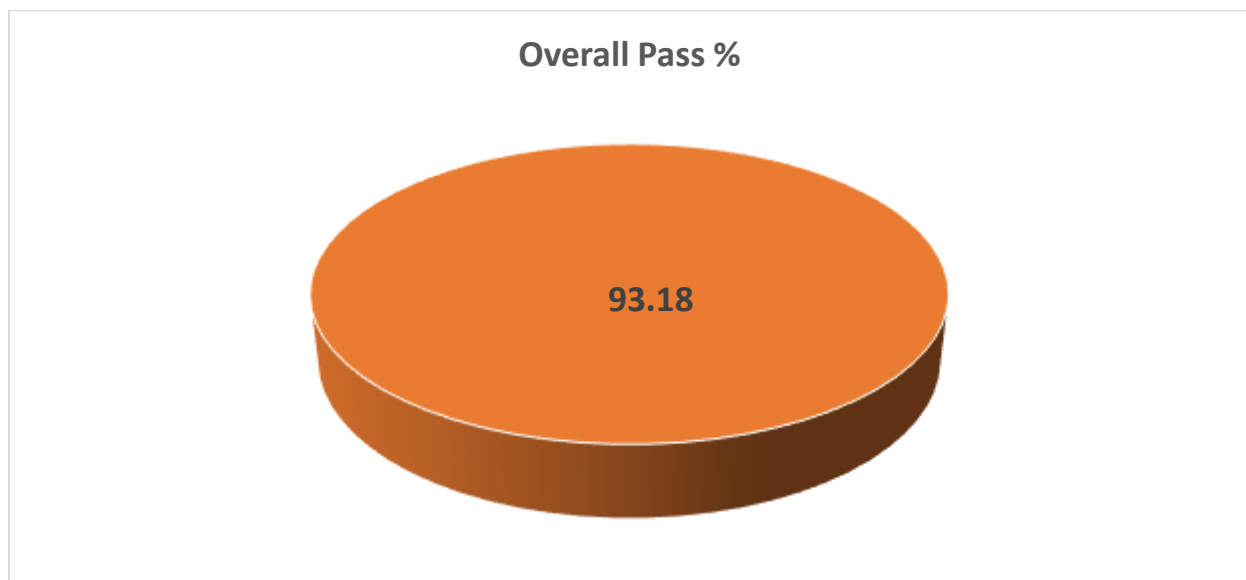


Figure 21.2: With 72.18, Dzongkha subject topped in mean score followed by Economics with 67.09. Accountancy and English have lower mean scores than the National mean scores.

Figure 21.3: GENDER-WISE PASS PERCENTAGE**Figure 21.3:** Girls performed better than boys with 95.24% and 86.96% respectively.**Figure 21.4: OVERALL PASS PERCENTAGE****Figure 21.4:** The overall pass percentage for class XII Commerce of Yelchen CS is 93.18%.

CHAPTER 22
CLASS XII SCIENCE – RESULT ANALYSIS
NANGKOR CS

Figure 22.1: SUBJECT-WISE MEAN SCORES

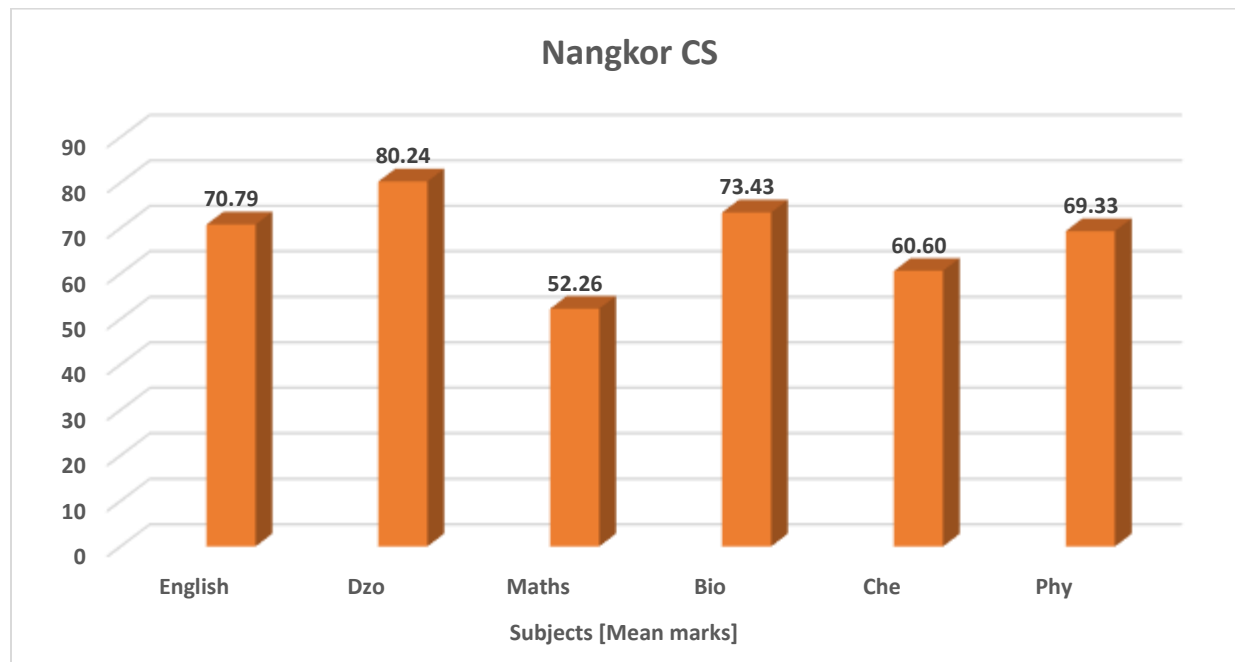


Figure 22.1: Nangkor students performed better in Dzongkha with mean score of 80.24 followed by Biology with 73.43. Mathematics has the lowest mean score of 52.26. The mean scores of all subjects are higher than the National mean scores.

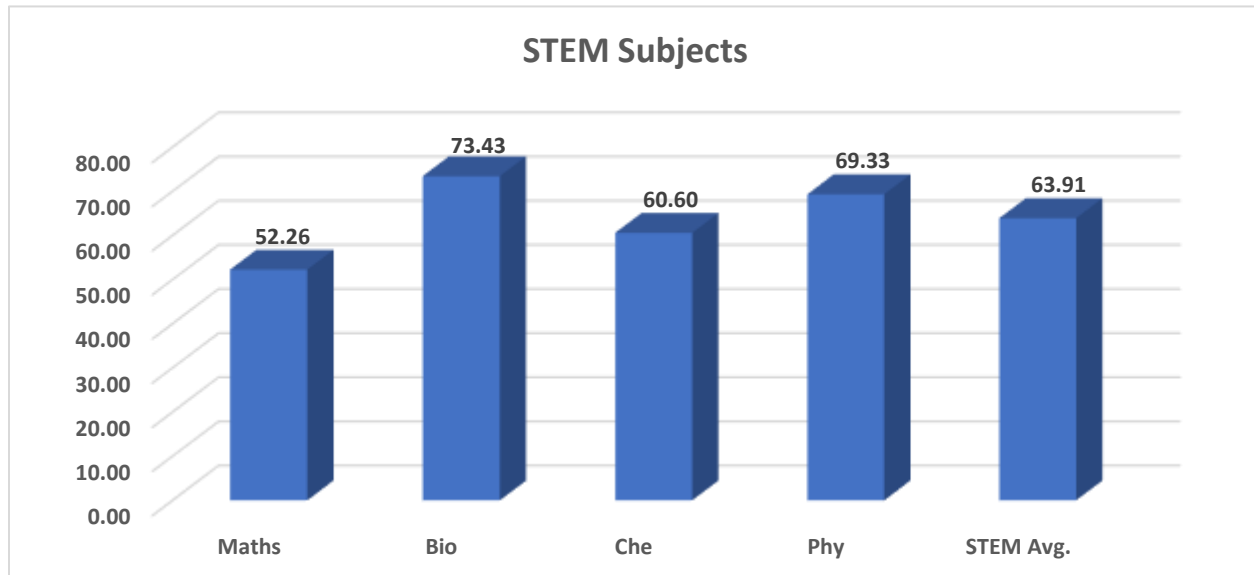
Figure 22.2: MEAN SCORE OF STEM SUBJECTS

Figure 22.2: Biology has the highest mean score of 73.43 followed by Physics with 69.33. Mathematics has the lowest mean score of 52.26.

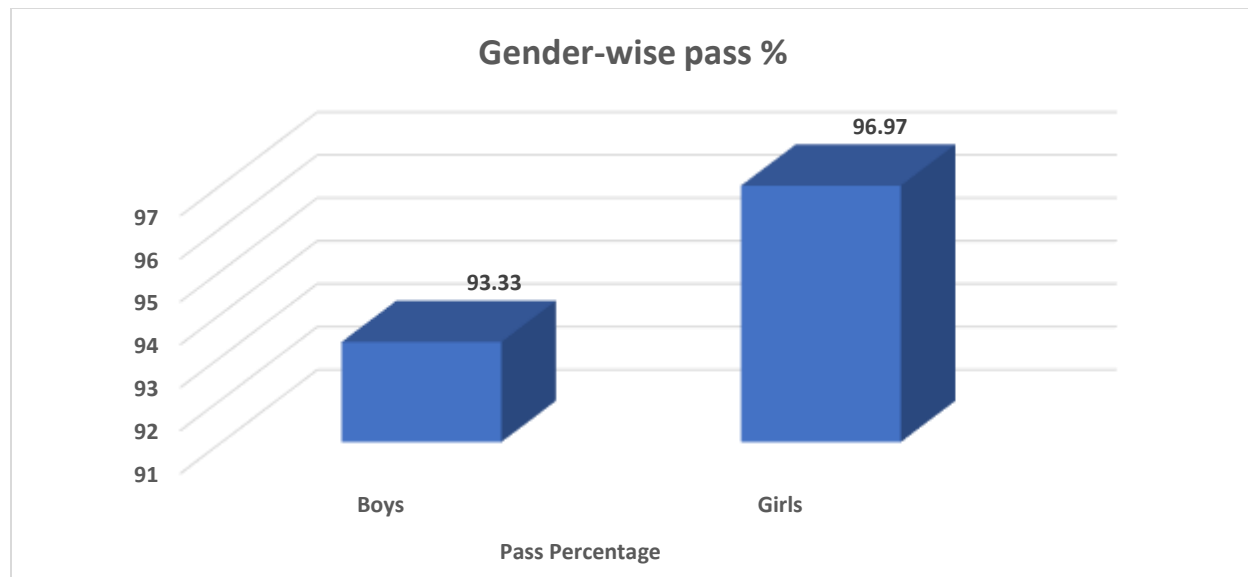
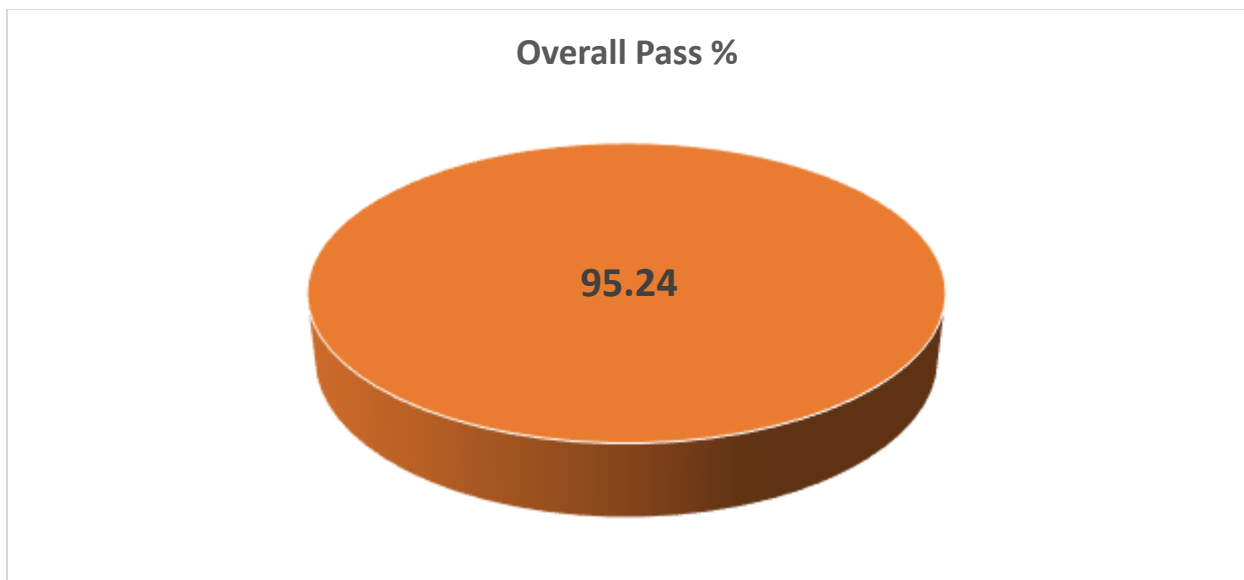
Figure 22.3: GENDER-WISE PASS PERCENTAGE

Figure 22.3: The girls outperformed the boys in Science at Nangkor CS with 96.97 pass percentage and 93.33 pass percentage for boys.

Figure 22.4: OVERALL PASS PERCENTAGE**Figure 22.4:** The overall pass percentage of Science at Nangkor CS is 95.24 %

CHAPTER 23
CLASS XII ARTS – RESULT ANALYSIS
NGANGLAM CS

Figure 23.1: NUMBER OF STUDENTS APPEARED EXAMINATION AND PASSED

School	Streams	Total no. of stds.appeared examination			No. of stds. Passed		
		Boys	Girls	Total	Boys	Girls	Total
Nganglam CS	Arts	33	38	71	28	34	62
	Commerce	13	13	26	7	11	18
	Science	13	17	30	7	15	22
Total		59	68	127	42	60	102

Figure 23.1: Out of 127 students who appeared for the examination, 103 were awarded PCA. 25 students comprising 17 boys and 8 girls failed.

Figure 23.2: NGANGLAM CS – ARTS: SUBJECT-WISE MEAN SCORE

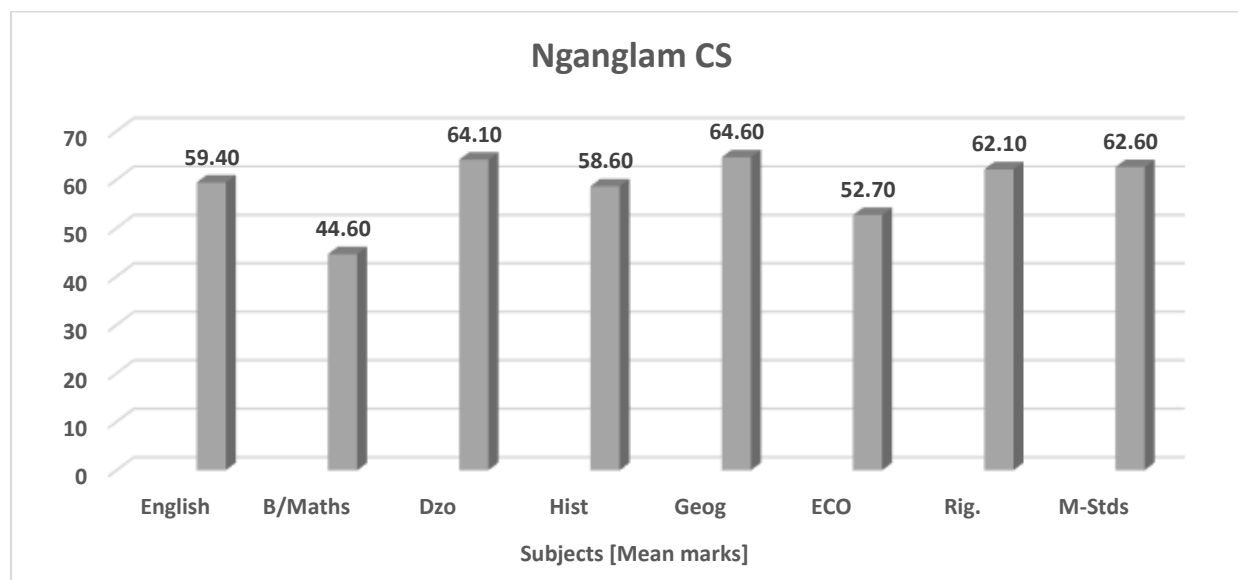


Figure 23.2: Geography and Dzongkha have the highest mean score of 64.60 and 64.10 respectively. B/Maths and Economics have the lowest mean scores of 44.60 and 52.70 respectively. The mean scores of all subjects are lower than the national mean scores.

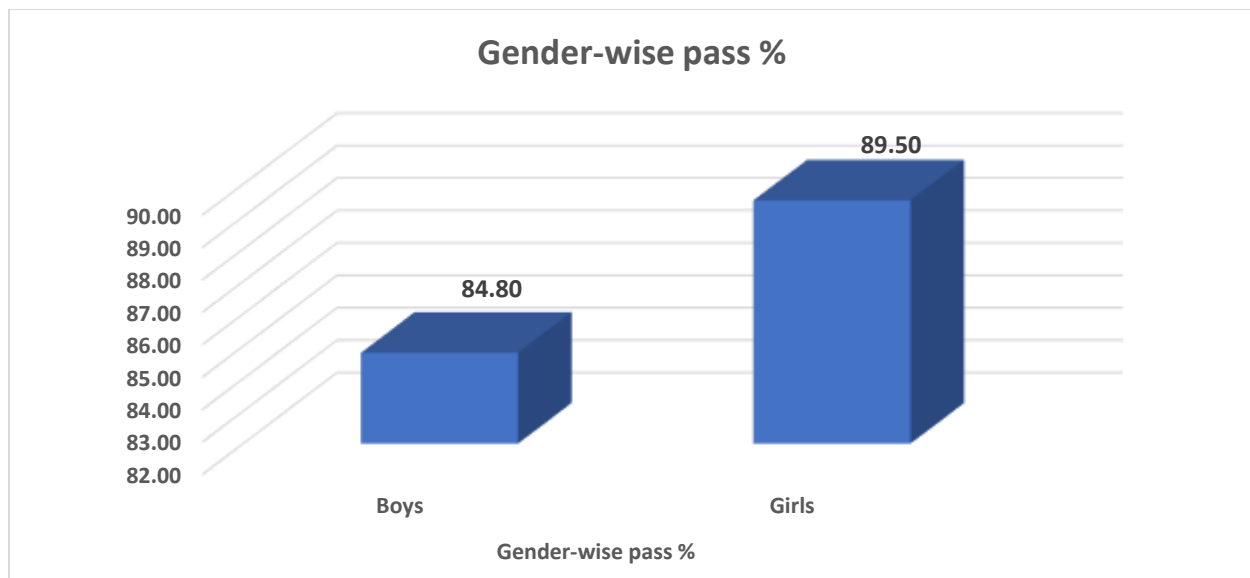
Figure 23.3: GENDER-WISE PASS PERCENTAGE

Figure 23.3: Girls performed better than boys in Arts at Nganglam CS. The pass percentage of boys is 84.8 % and girls is 89.5 %.

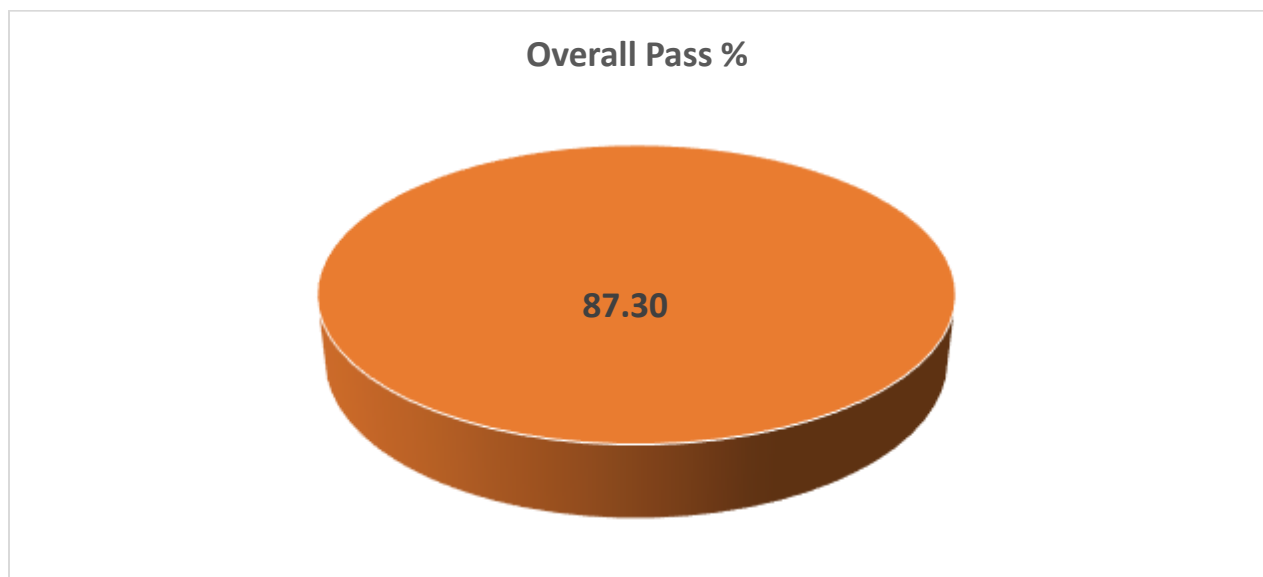
Figure 23.4: OVERALL PASS PERCENTAGE

Figure 23.4: The overall pass percentage of Arts at Nganglam CS is 87.30 %.

CHAPTER 24
CLASS XII COMMERCE – RESULT ANALYSIS
NGANGLAM CS

Figure 24.1: SUBJECT-WISE MEAN SCORE

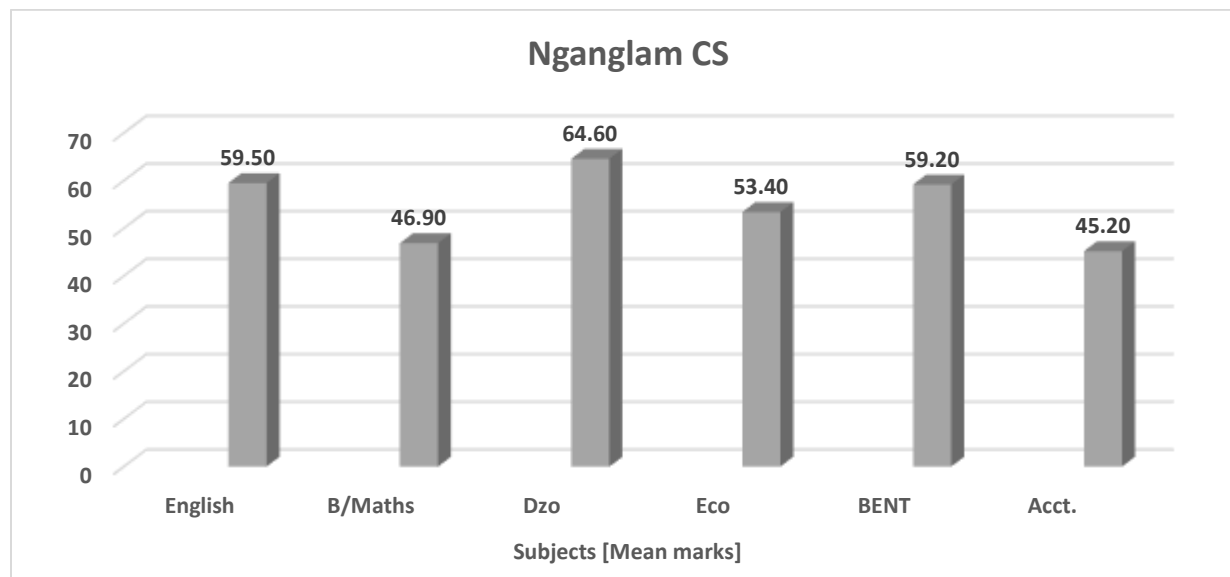


Figure 24.1: Dzongkha has the highest mean score of 64.60 and Accountancy with lowest mean score of 45.20. All the subjects have their mean scores below the National mean scores.

Figure 24.2: GENDER-WISE PASS PERCENTAGE

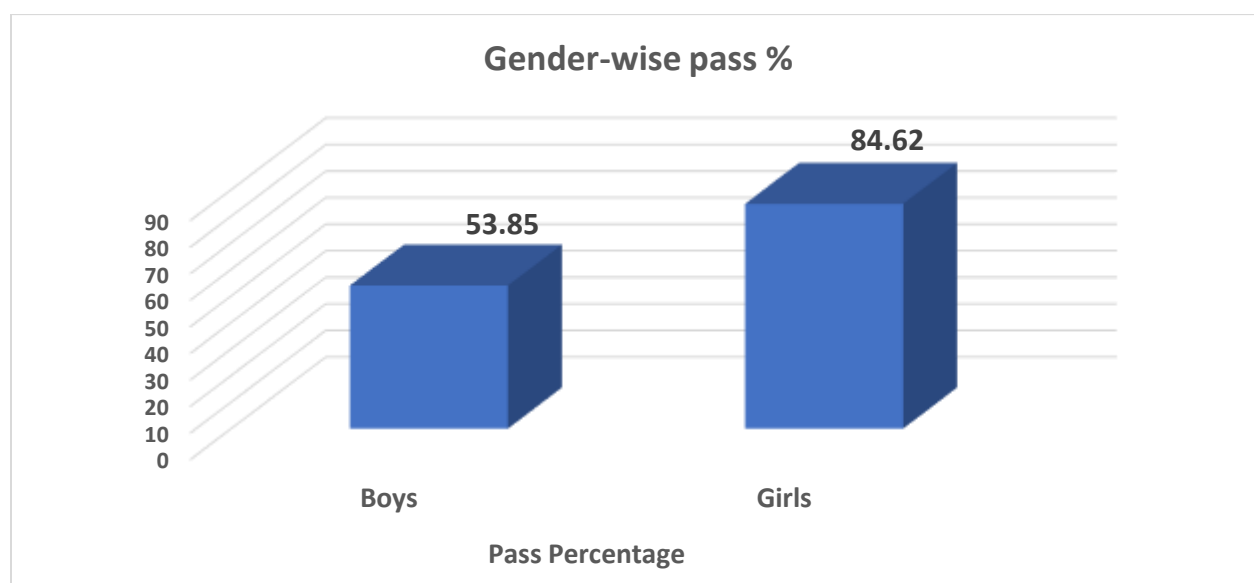
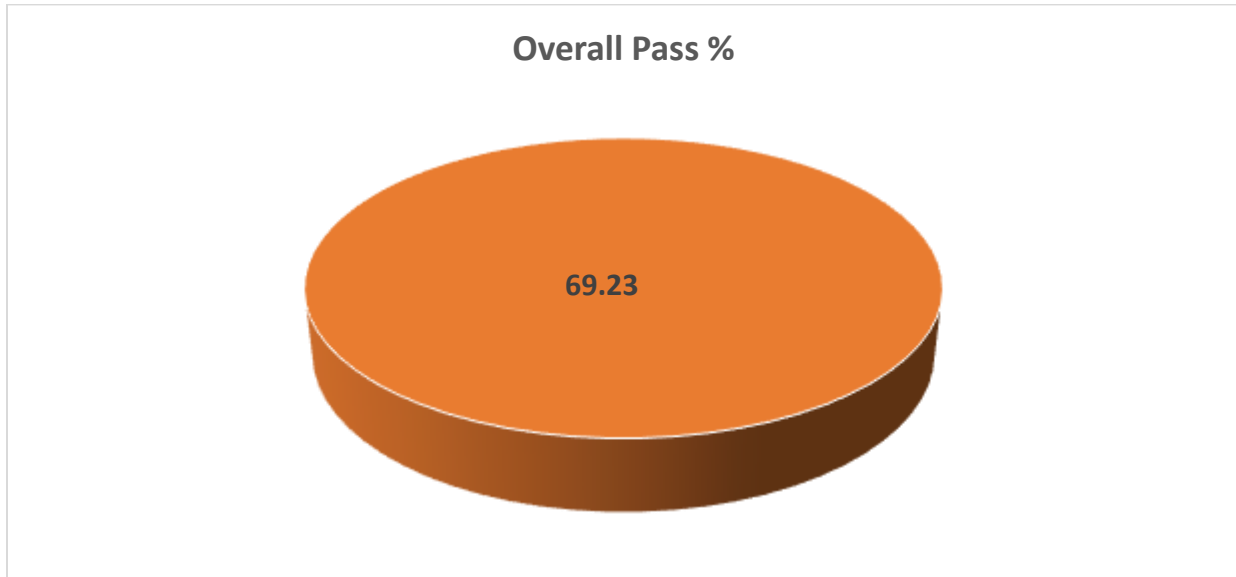


Figure 24.2: The pass percentage of Boys is much lower than that of the girls. The pass percentage of boys and girls are 53.85 and 84.62 respectively.

Figure 24.3: OVERALL PASS PERCENTAGE**Figure 24.3** The overall pass percentage of class XII Commerce at Nganglam CS is 69.23 %.

CHAPTER 25
CLASSXII SCIENCE – RESULT ANALYSIS
NGANGLAM CS

Figure 25.1: SUBJECT-WISE MEAN SCORE

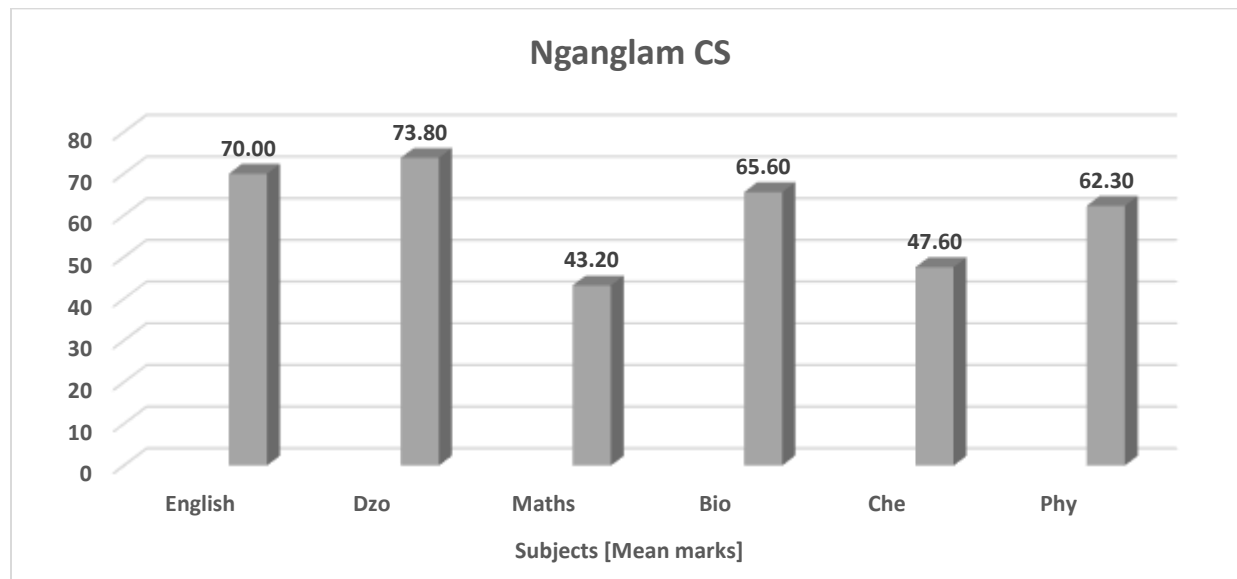


Figure 25.1: Dzongkha and English's mean scores are higher than National mean scores with 73.80 and 70 respectively. Maths and Chemistry with lowest mean scores of 43.20 and 47.6 respectively.

Figure 25.2: MEAN SCORE OF STEM SUBJECTS

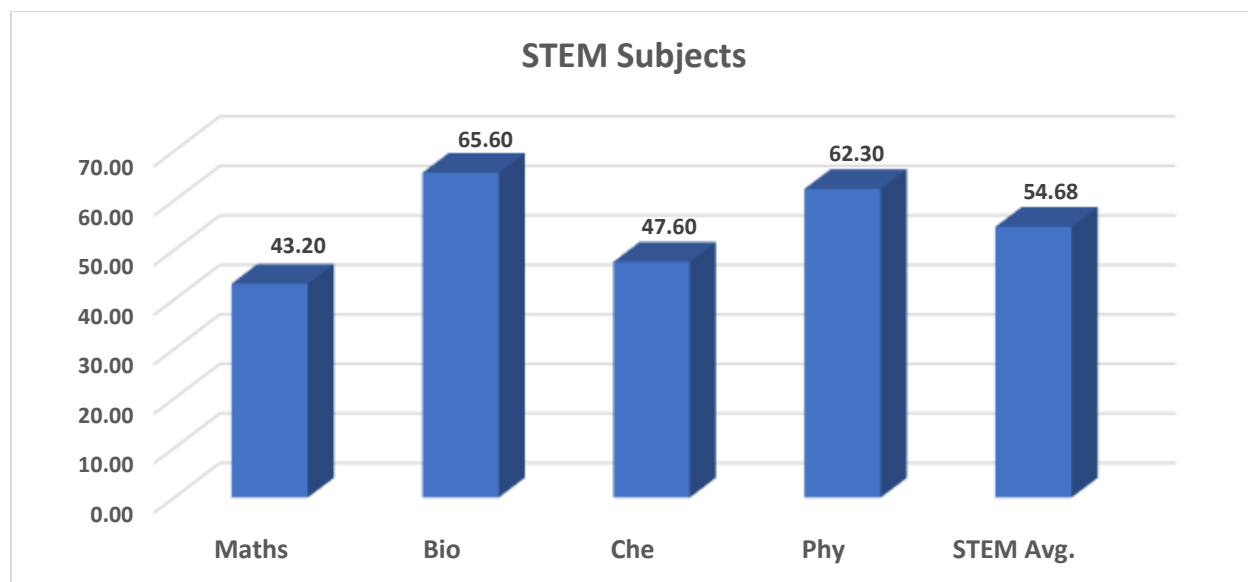


Figure 25.2: Biology has the highest mean score with 65.60, while Mathematics has the lowest mean score of 43.20.

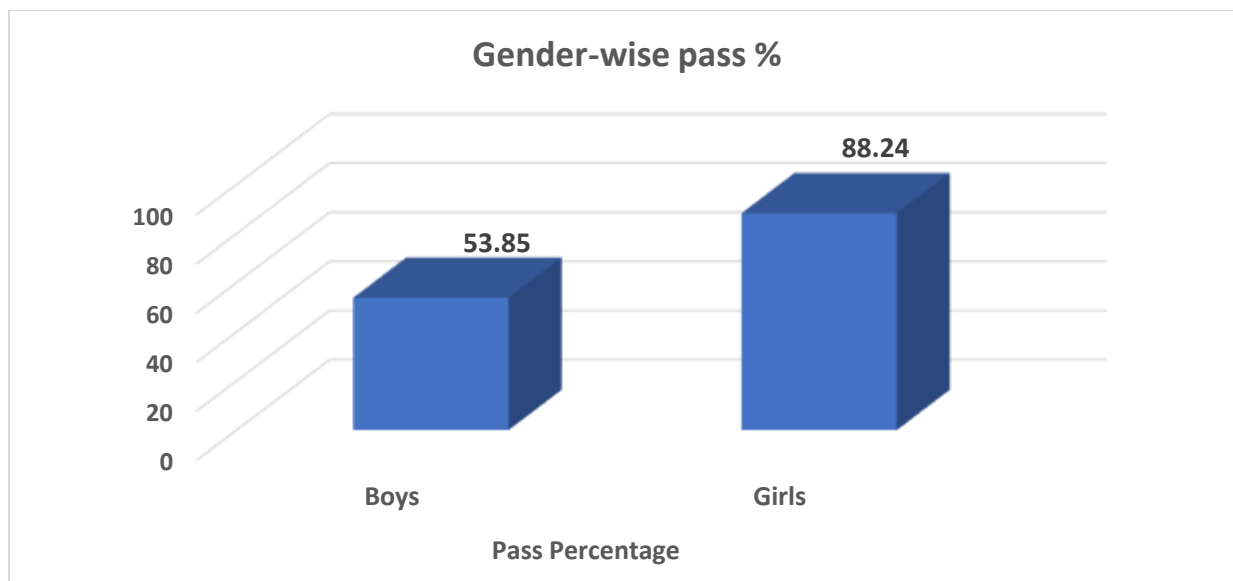
Figure 25.3: GENDER-WISE PASS PERCENTAGE

Figure 25.3: Girls of class XII Science at Nganglam CS outperformed boys. The pass percentage of girls and boys are 88.24 and 53.85 respectively.

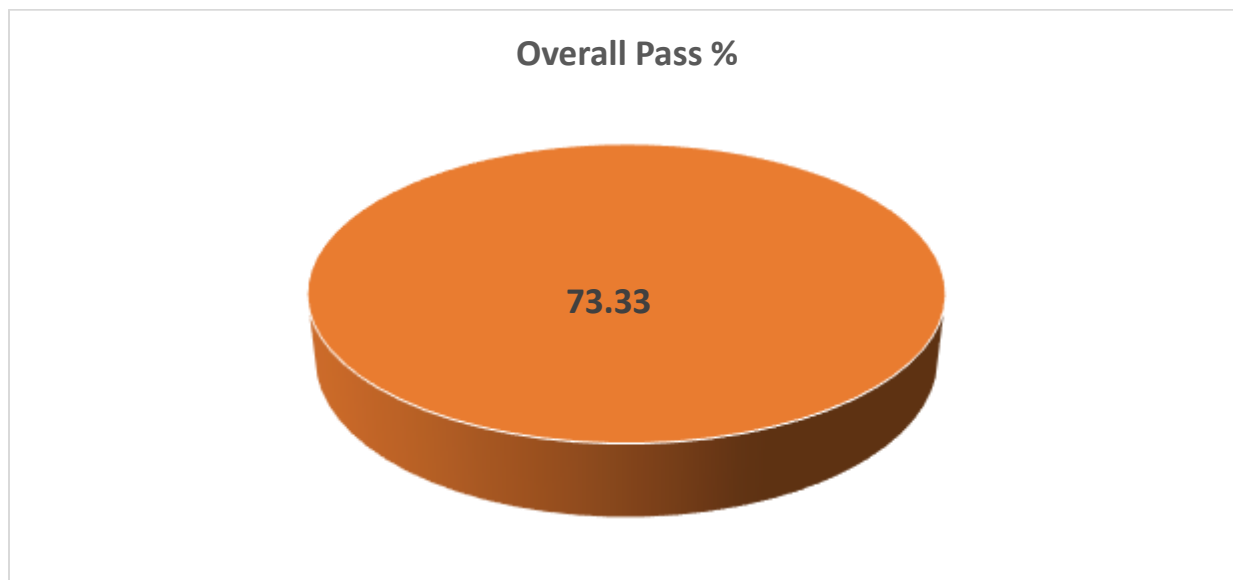
Figure 25.4: OVERALL PASS PERCENTAGE

Figure 25.4: The overall pass percentage of class XII Science at Nganglam CS is 73.33 %

CHAPTER 26
CLASS XII ARTS – RESULT ANALYSIS
SCHOOL-WISE

Figure 26.1: SCHOOL-WISE MEAN SCORES

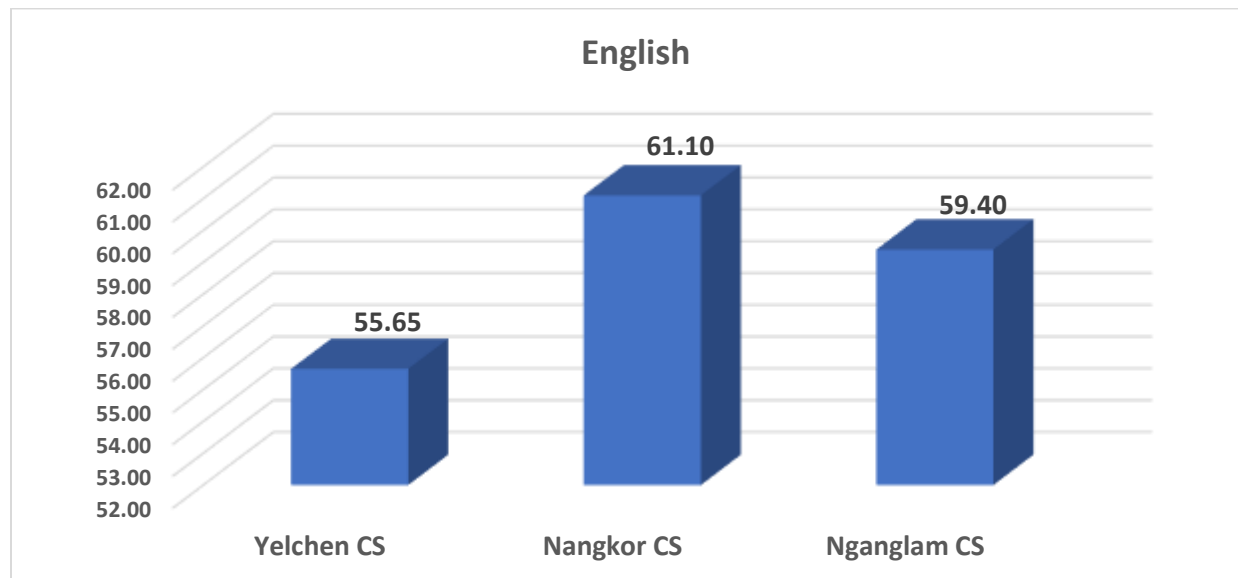


Figure 26.1: Nangkor CS has the highest mean score in English with 61.10 followed by Nganglam CS and Yelchen CS with 59.40 and 55.65 respectively.

Figure 26.2: SCHOOL-WISE MEAN SCORES

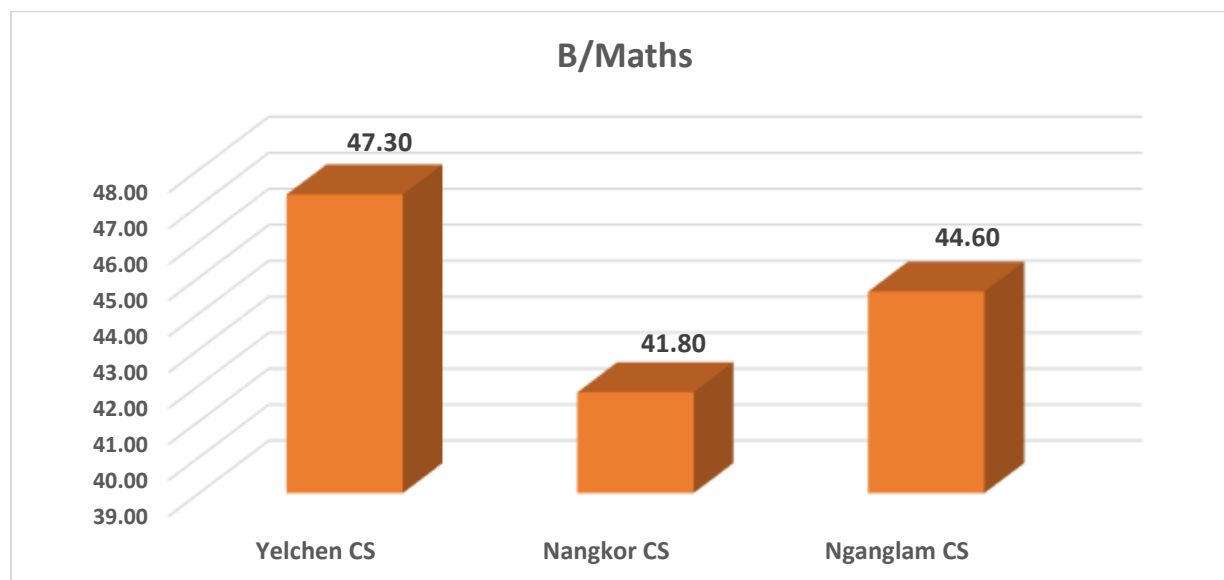


Figure 26.2: Yelchen CS students performed better than other 2 Higher Secondary Schools with 47.30 mean score. Nganglam CS and nangkor CS with 44.60 and 41.80 respectively.

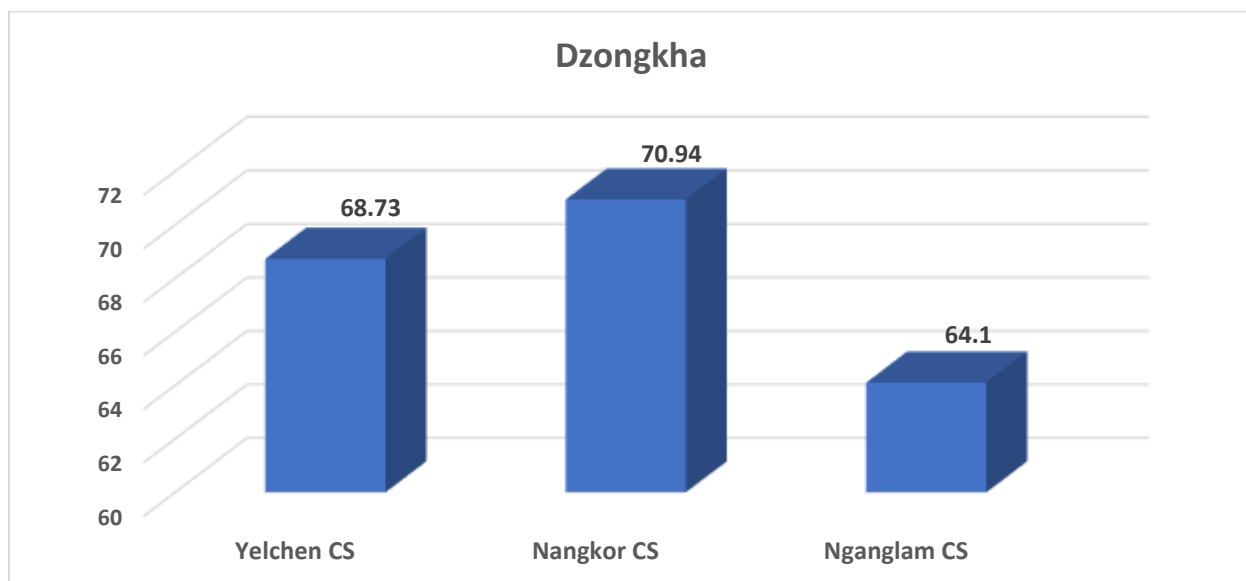
Figure 26.3: SCHOOL-WISE MEAN SCORES

Figure 26.3: Nangkor CS topped the table with 70.94 mean score followed by Yelchen CS with 68.73.

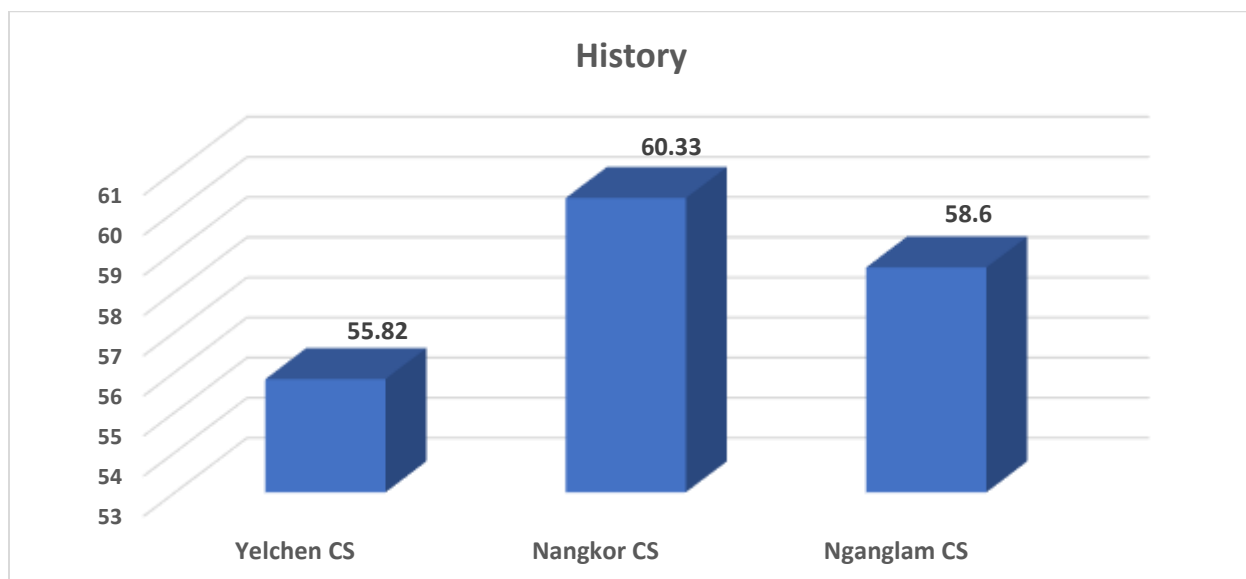
Figure 26.4: SCHOOL-WISE MEAN SCORES

Figure 26.4: Nangkor CS with highest mean score in History with 60.33 followed by Nganglam CS with 58.60.

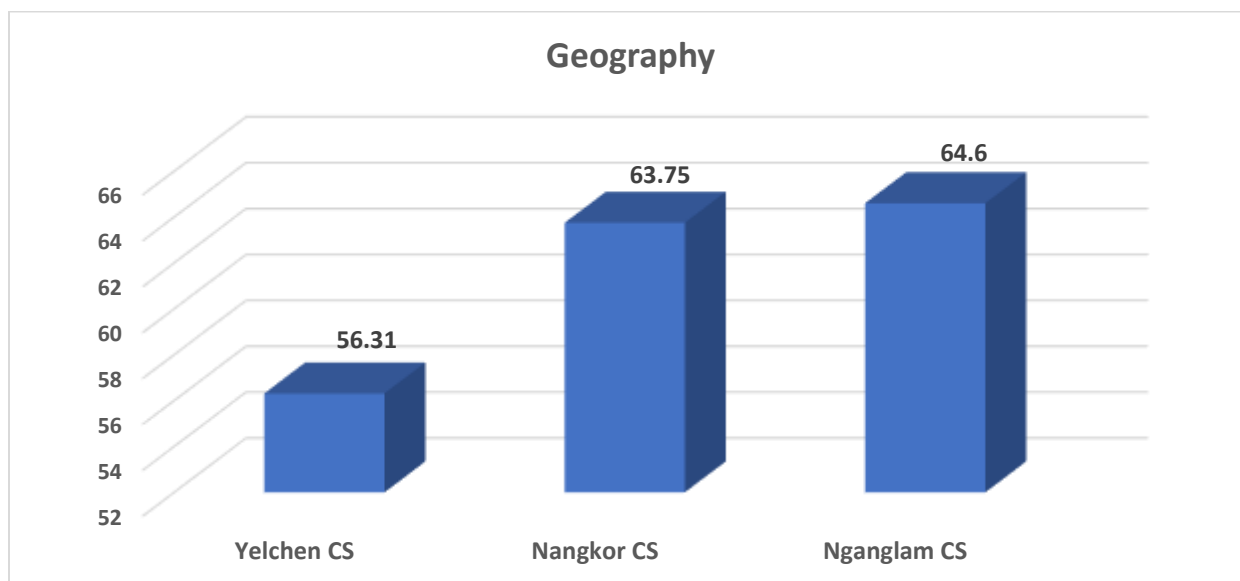
Figure 26.5: SCHOOL-WISE MEAN SCORES

Figure 26.5: With 64.60 mean score in Geography, Nganglam CS has the highest mean score. Yelchen CS with lowest mean score of 56.31.

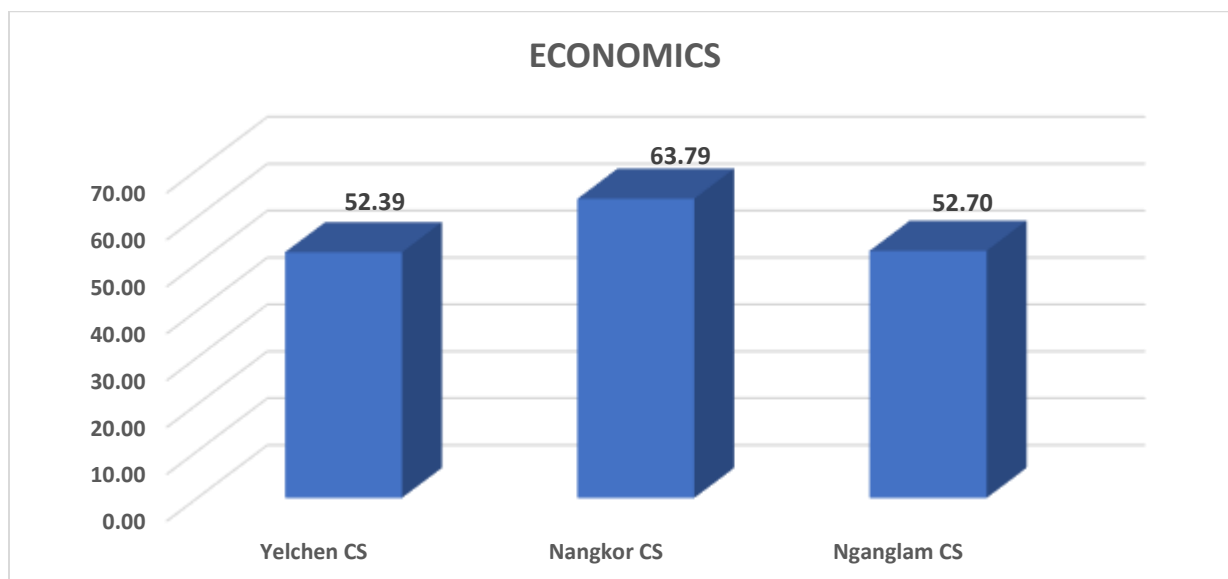
Figure 26.6: SCHOOL-WISE MEAN SCORES

Figure 26.6: Students of Nangkor CS did well in Economics compared to other two HSS with 63.79 mean score.

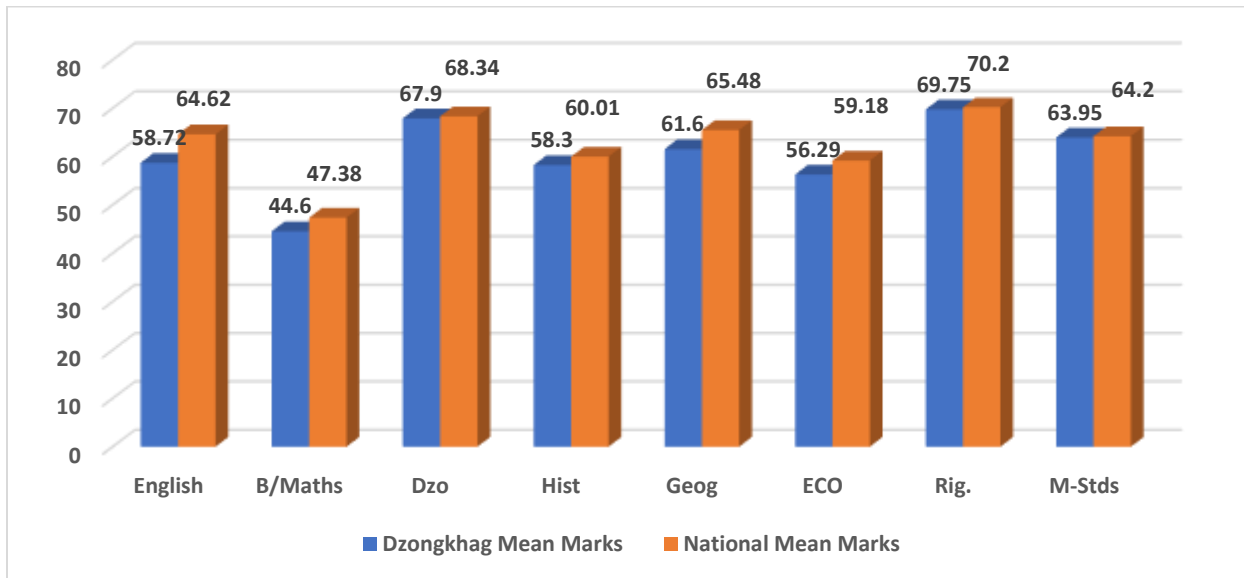
Figure 26.7: DZONGKHAG AND NATIONAL MEAN SCORES

Figure 26.7: The mean score of Dzongkhag is lower than the National mean scores in all the subjects.

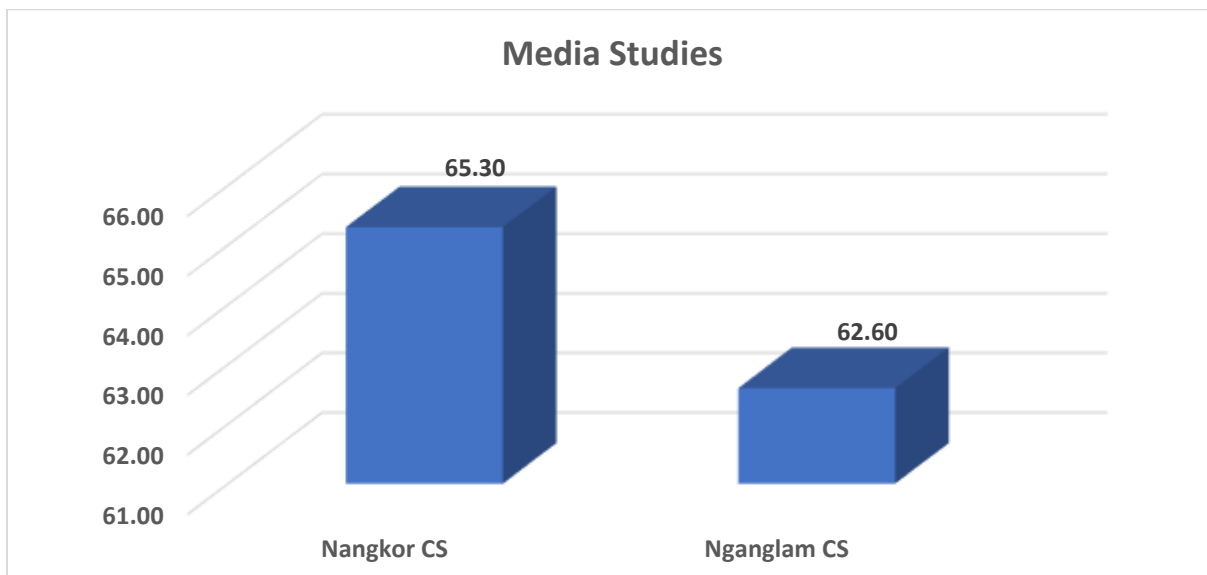
Figure 26.8: GENDER-WISE PASS PERCENTAGE

Figure 26.8: Nangkor CS with mean score of 65.30 leads amongst two HSS that offers the Media studies. Nangkor CS mean score is higher than the National mean score.

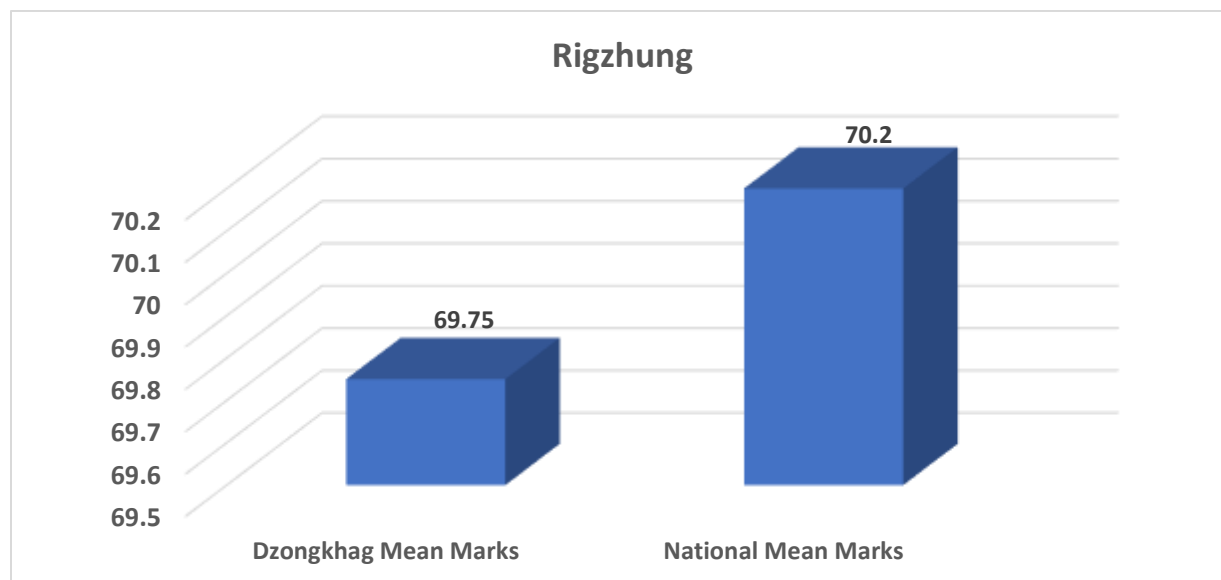
Figure 26.9: NATIONAL AND DZONGKHAG MEAN SCORES

Figure 26.9: The Dzongkhag mean mark for Rigzhung is lower than the national Mean mark. Dzongkhag mean mark is 69.75 while National mean mark is 70.2.

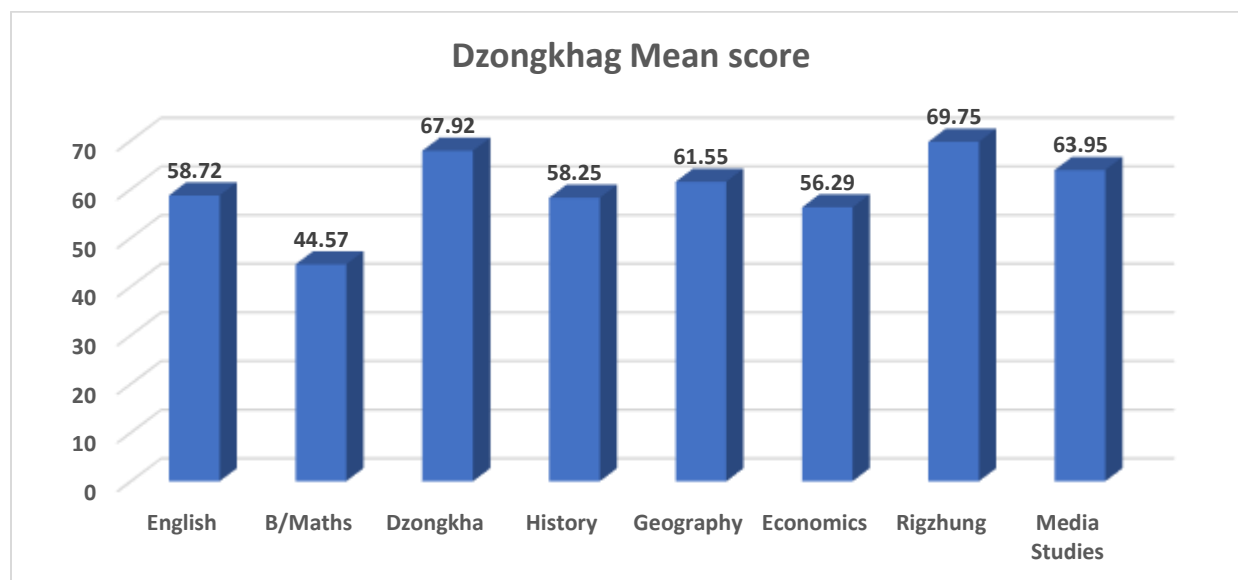
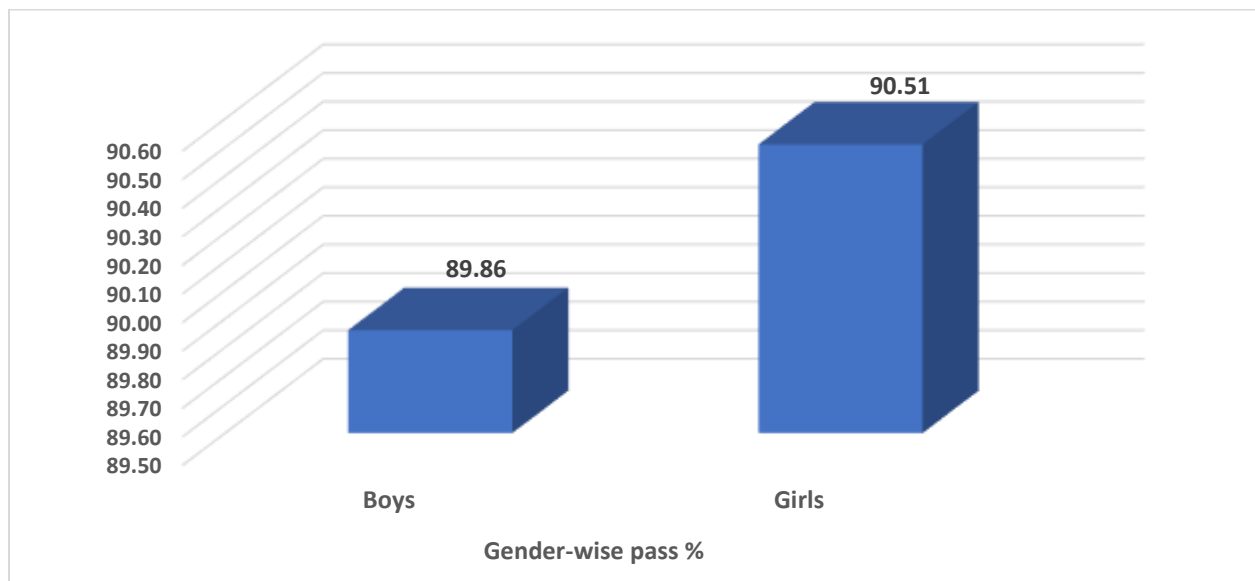
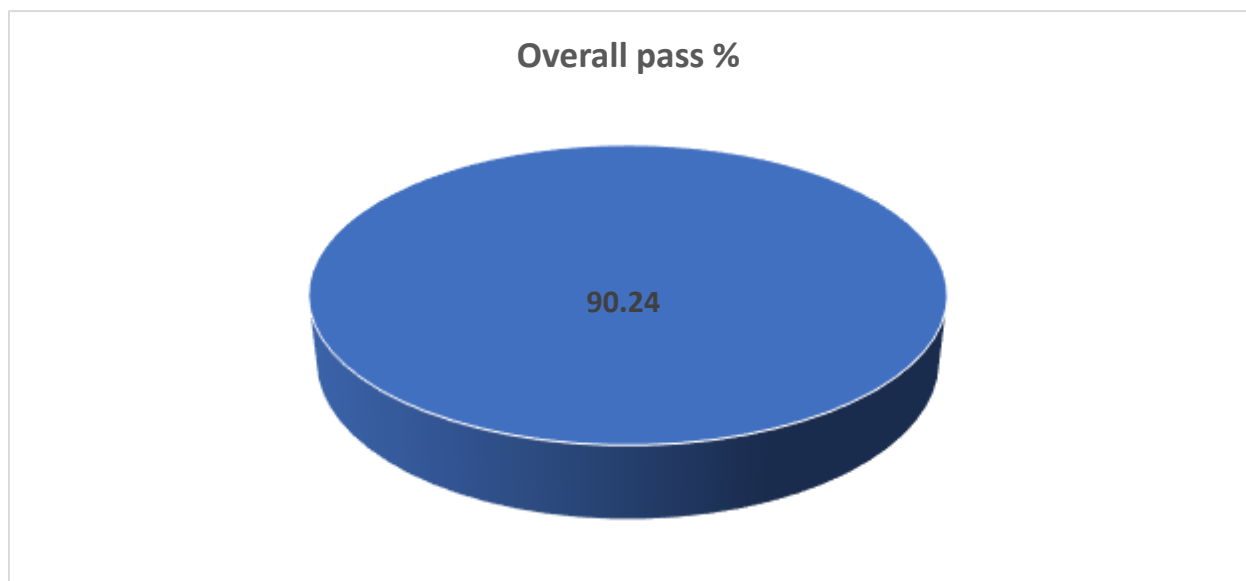
Figure 26.10: DZONGKHAG MEAN SCORES

Figure 26.10: Dzongkha has the highest mean score of 67.92 followed by Rigzhung with 69.75. B/Maths has the lowest mean score of 44.57.

Figure 26.11: GENDER-WISE PASS PERCENTAGE**Figure 26.11:** Girls have higher pass percentage than boys in Arts stream in Pemagatshel.**Figure 26.12: OVERALL PASS PERCENTAGE****Figure 26.12:** The overall pass percentage for Arts is 90.24 %.

CHAPTER 27
CLASS XII COMMERCE – RESULT ANALYSIS
SCHOOL-WISE

Figure 27.1: SCHOOL-WISE MEAN SCORES

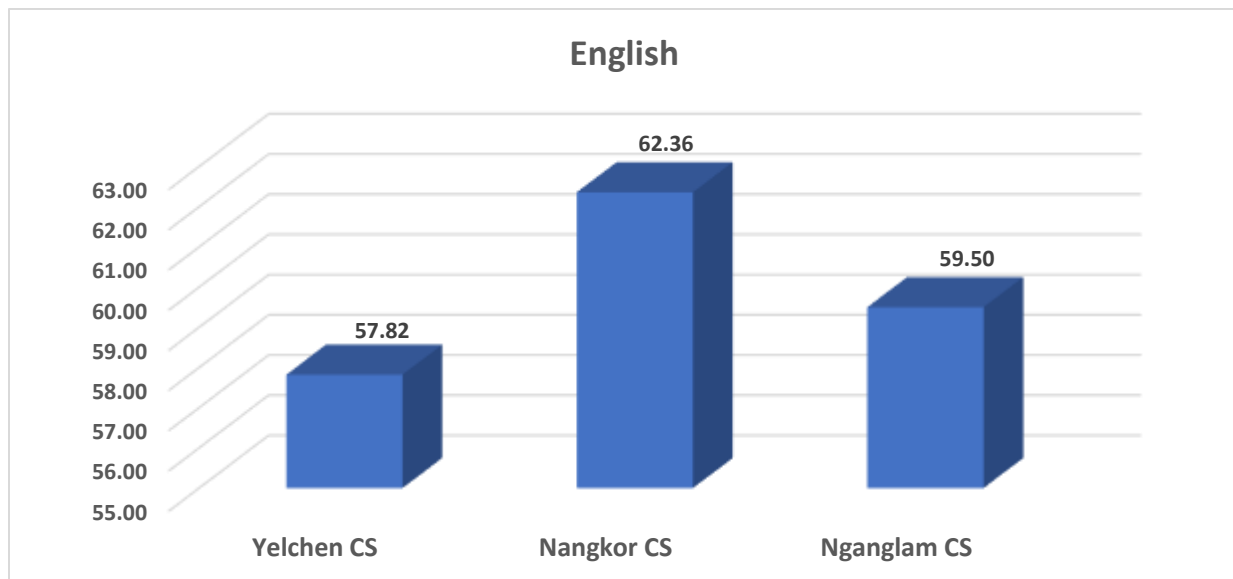


Figure 27.1: With 62.36 mean score Nangkor CS topped amongst the 3 higher secondary schools in English followed by Nganglam CS with 59.50.

Figure 27.2: SCHOOL-WISE MEAN SCORES

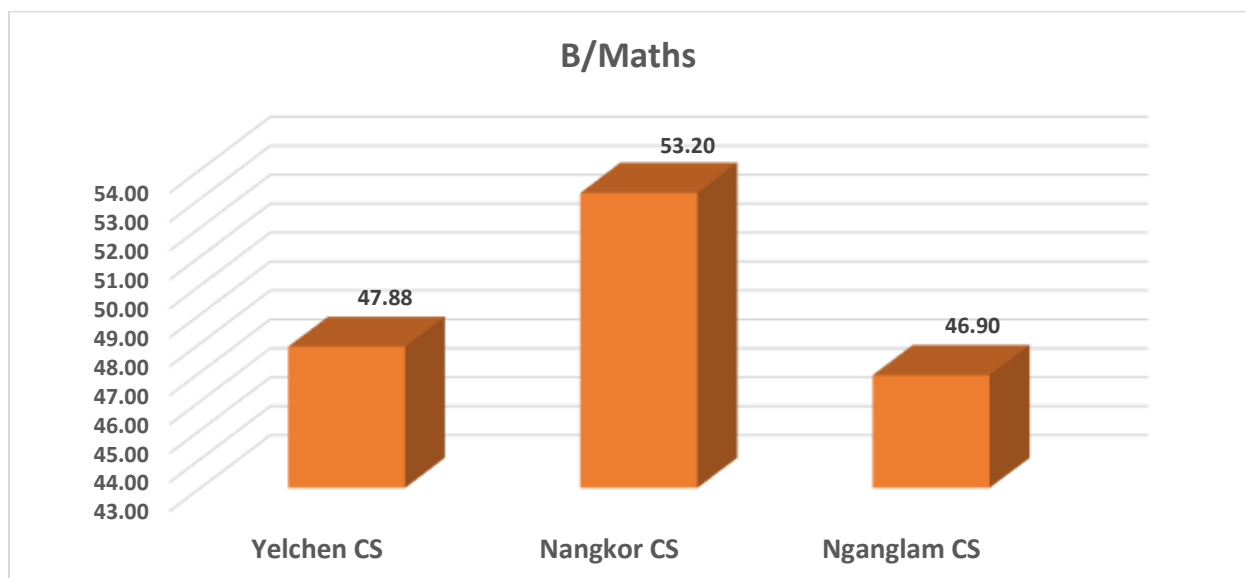


Figure 27.2: Nangkor CS with mean score of 53.2 in B/Maths has the highest mean score. Nganglam CS with lowest mean score of 46.90.

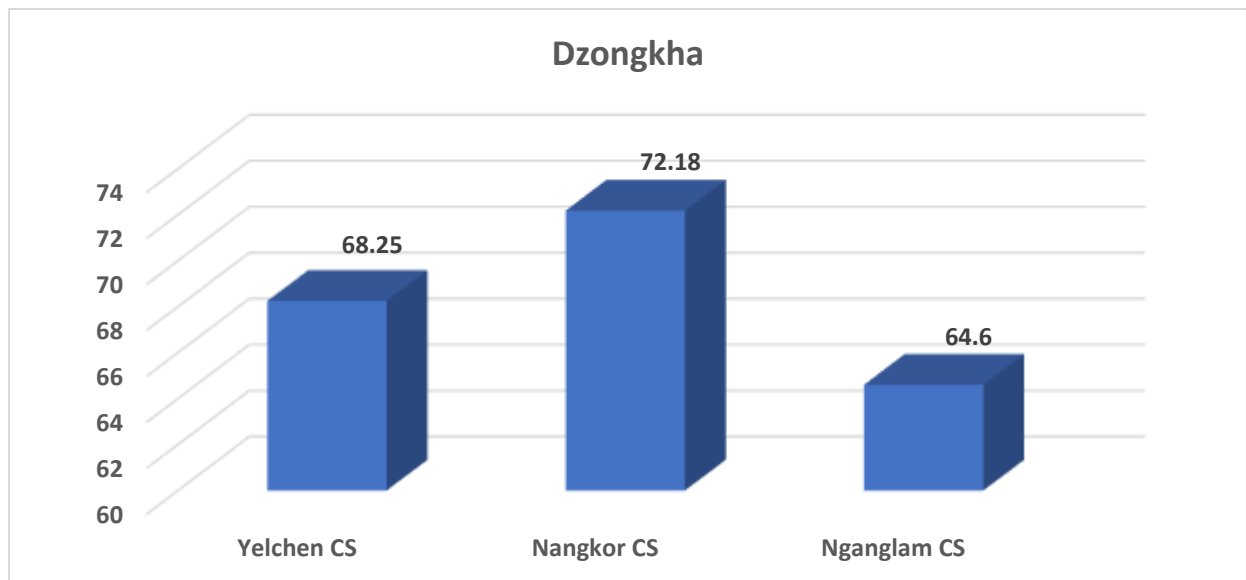
Figure 27.3: SCHOOL-WISE MEAN SCORES

Figure 27.3: Nangkor CS students did well in Dzongkha with 72.18 mean score. Nganglam CS at the lowest position with mean score of 64.6.

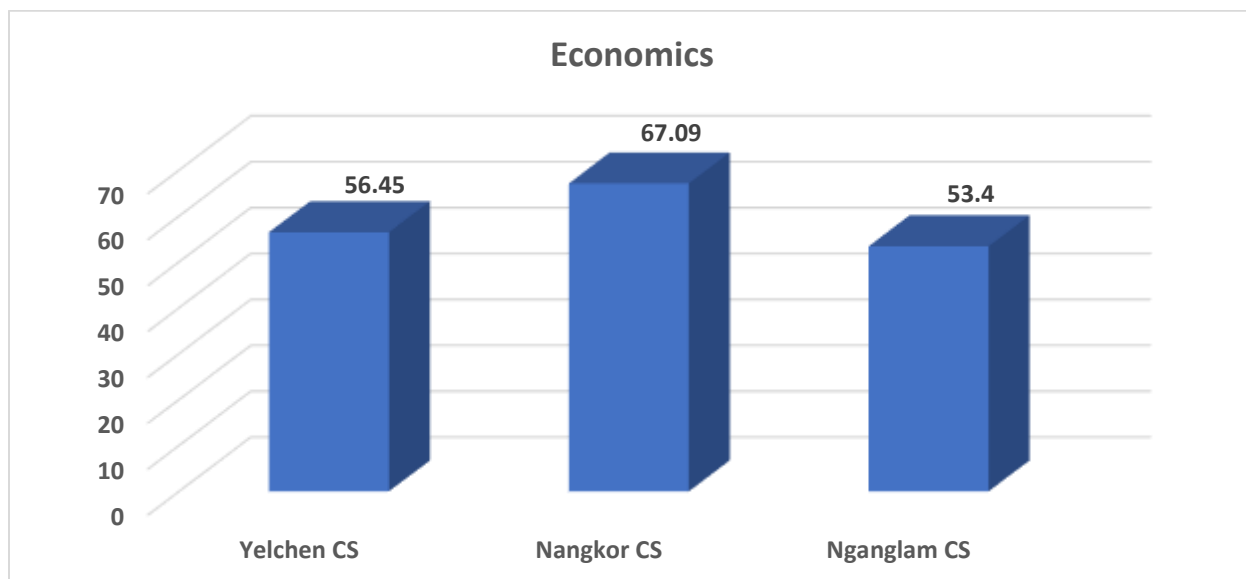
Figure 27.4: SCHOOL-WISE MEAN SCORES

Figure 27.4: The mean score of Nangkor CS is 67.09 while Yelchen CS and Nganglam CS have 56.45 and 53.40 respectively.

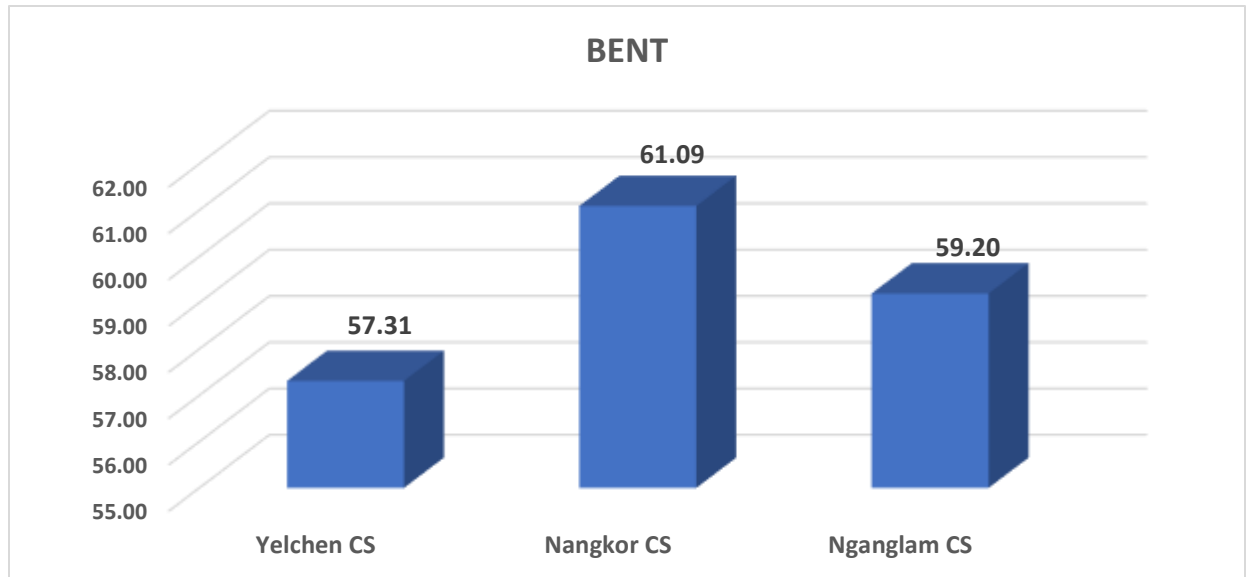
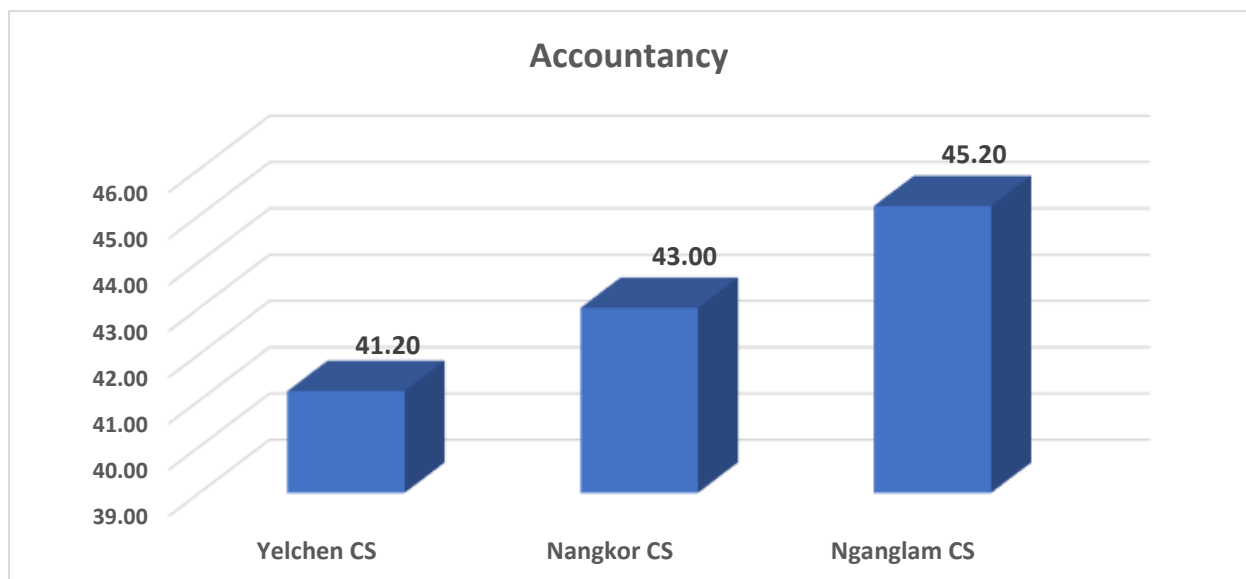
Figure 27.5: SCHOOL-WISE MEAN SCORES**Figure 27.5:** Nangkor CS with highest mean score of 61.09 followed by Nganglam CS with 59.20.**Figure 27.6: SCHOOL-WISE MEAN SCORES****Figure 27.6:** Nganglam CS performed well in Accountancy with mean score of 45.20 followed by Nangkor CS and Yelchen CS with 43 and 41.2 respectively

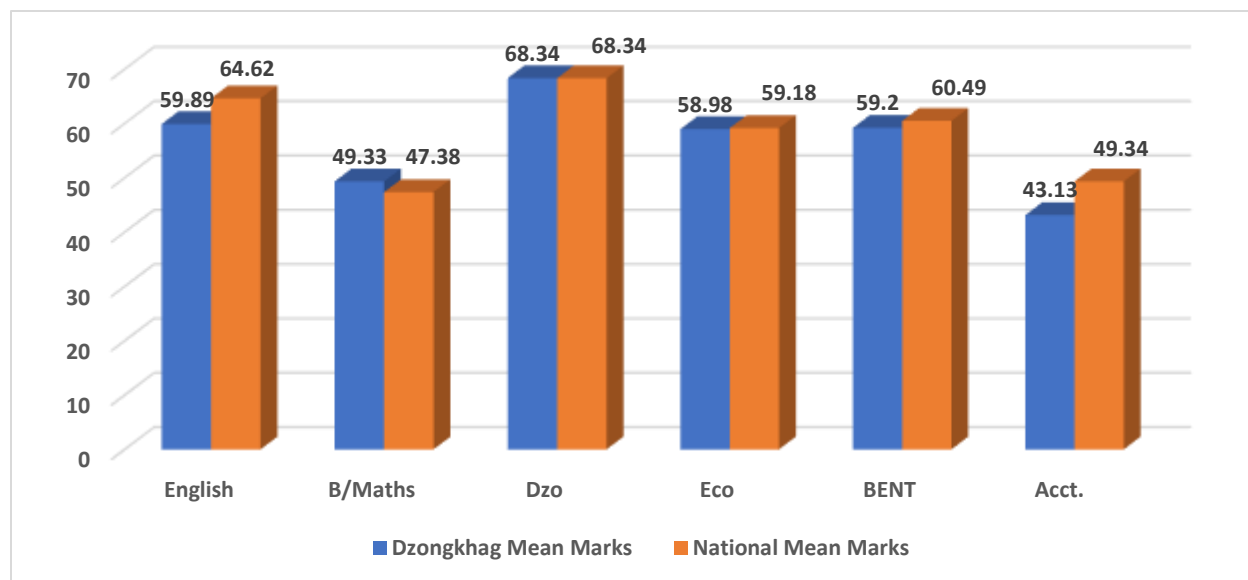
Figure 27.7: NATIONAL AND DZONGKHAG MEAN SCORES

Figure 27.7: Except for B/Maths and Dzongkha, all other subjects mean score are less than National mean scores.

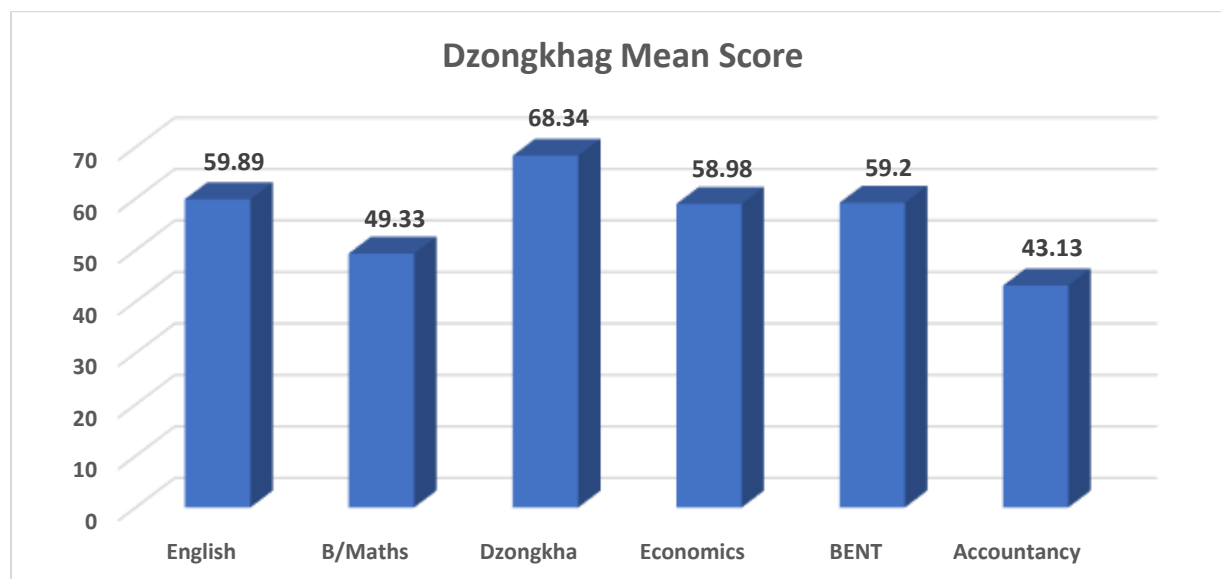
Figure 27.8: DZONGKHAG MEAN SCORE

Figure 27.8: Dzongkha topped the list with 68.34 mean score, while B/Maths at the lowest with 49.33 mean score.

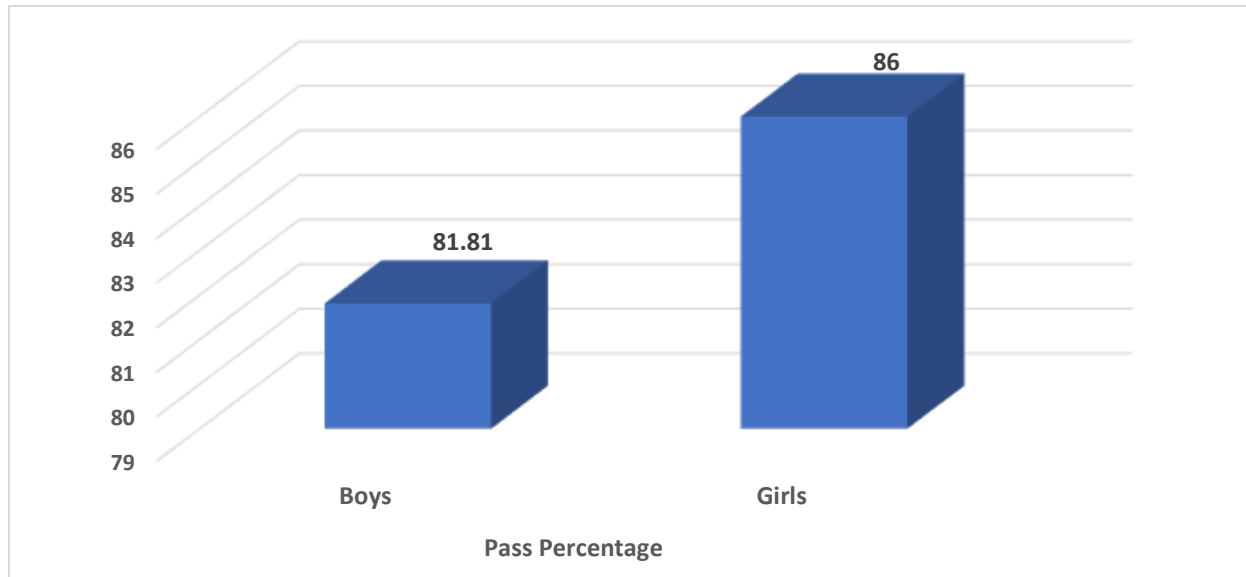
Figure 27.9: GENDER-WISE PASS PERCENTAGE

Figure 27.9: Girls have higher pass percentage than boys. The Pass percentage of boys to girls is 81.81 % and 86 %.

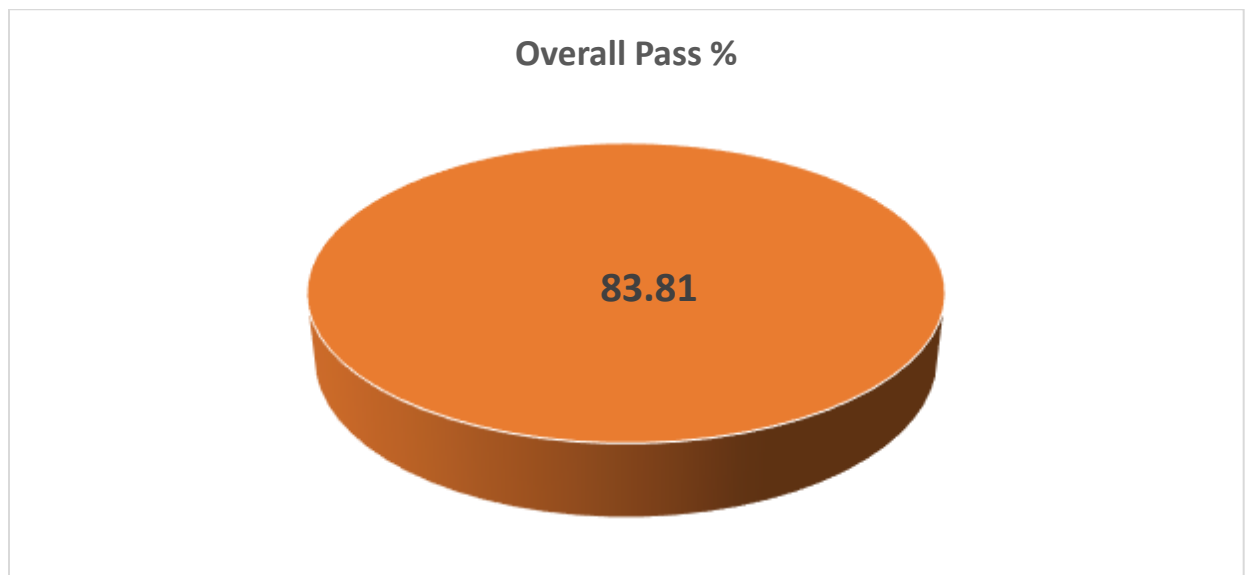
Figure 27.10: OVERALL PASS PERCENTAGE

Figure 27.10: The overall pass percentage of Commerce stream is 83.81%.

CHAPTER 28
CLASS XII SCIENCE – RESULT ANALYSIS
SCHOOL-WISE

Figure 28.1: SCHOOL-WISE MEAN SCORES

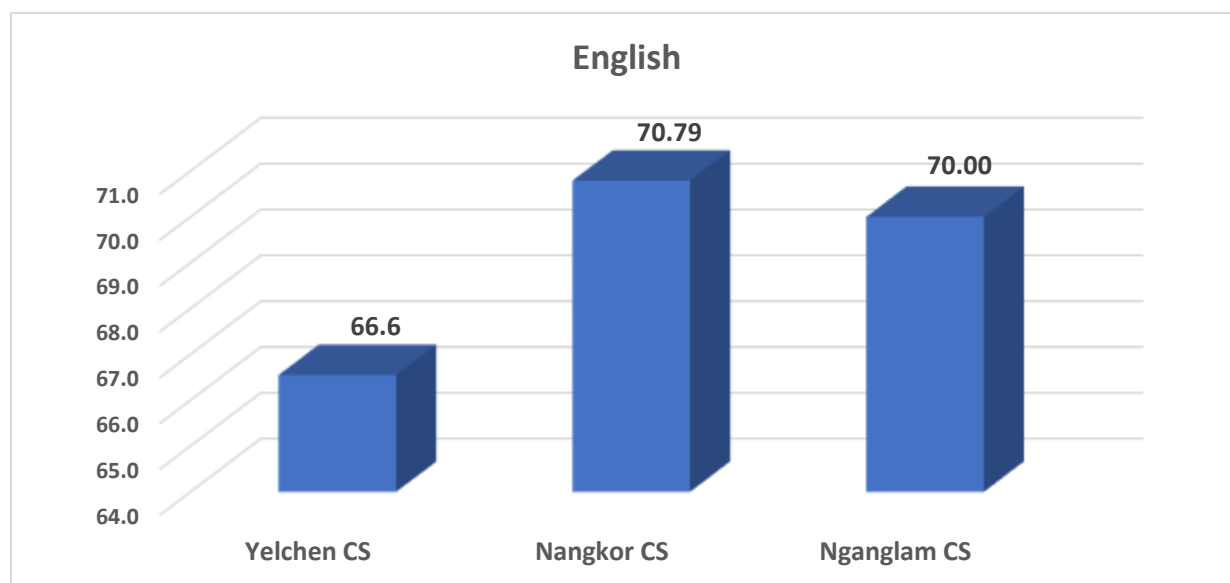


Figure 28.1: Class XII Science of Nangkor CS did well in English with mean score of 70.79. Yelchen CS has the lowest mean score of 66.6.

Figure 28.2: SCHOOL-WISE MEAN SCORES

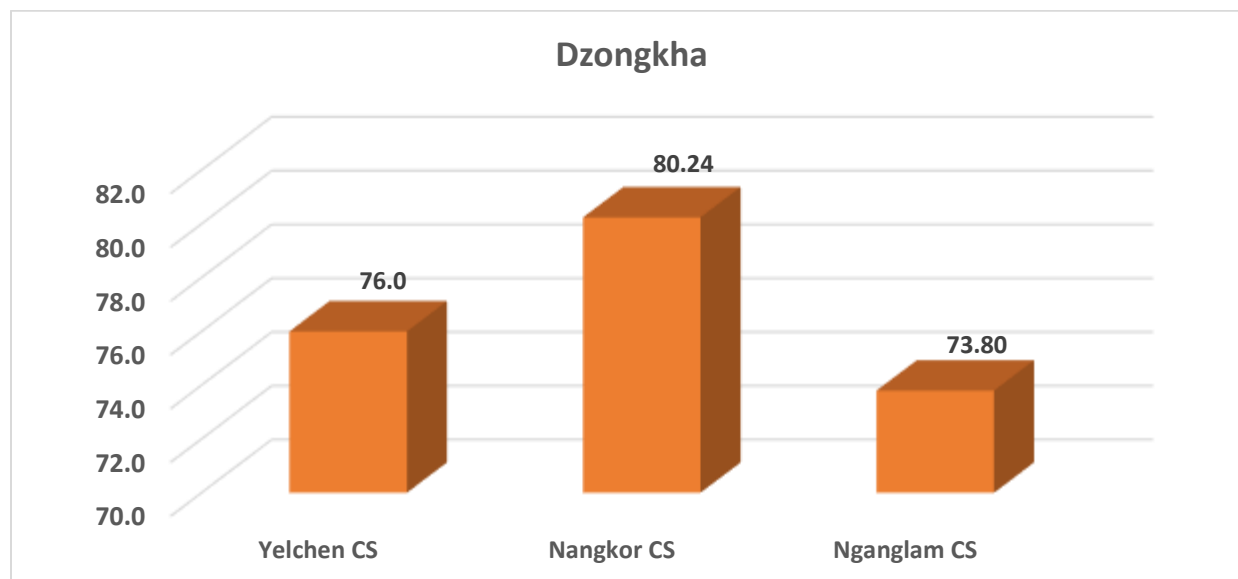


Figure 28.2: With 80.24 mean score, Nangkor CS topped amongst 3 higher secondary schools in Dzongkha.

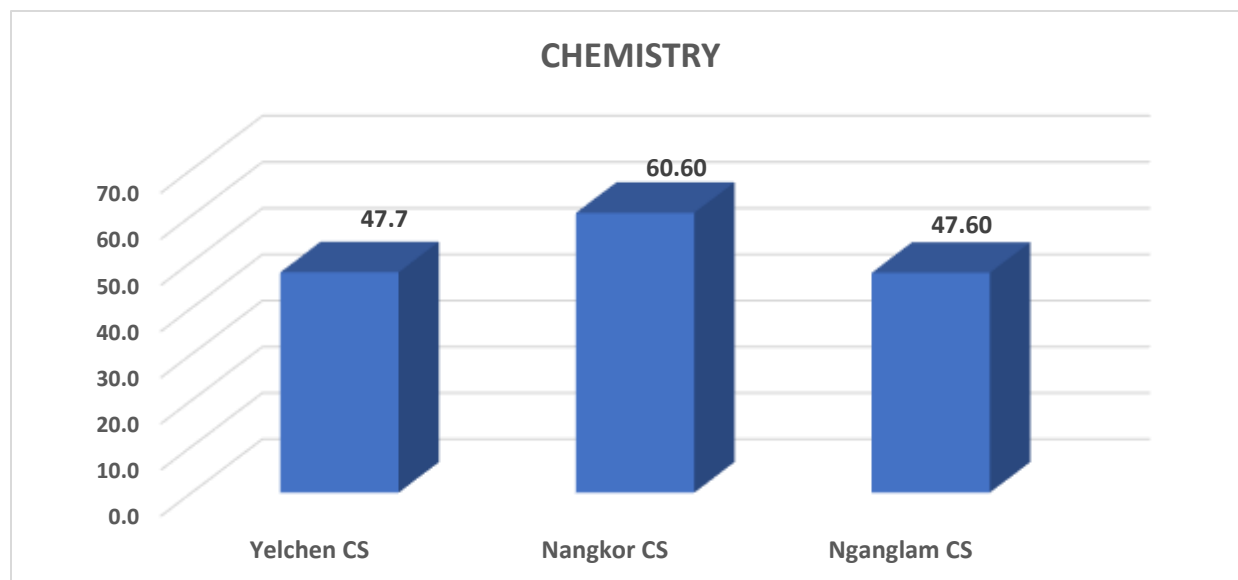
Figure 28.3: SCHOOL-WISE MEAN SCORES

Figure 28.3: Nangkor CS performed well in Chemistry with 60.60 mean score followed by Yelchen CS with 47.7.

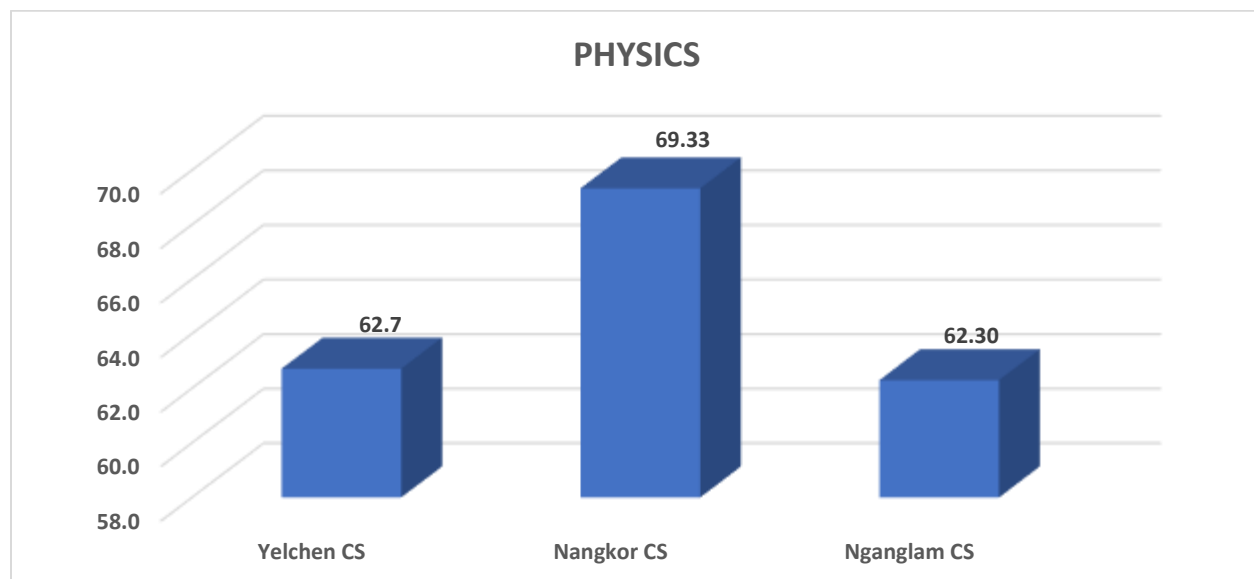
Figure 28.4: SCHOOL-WISE MEAN SCORES

Figure 28.4: With 69.33 mean score Nangkor CS topped amongst the 3 higher secondary schools. Nganglam CS with lowest mean score of 62.3.

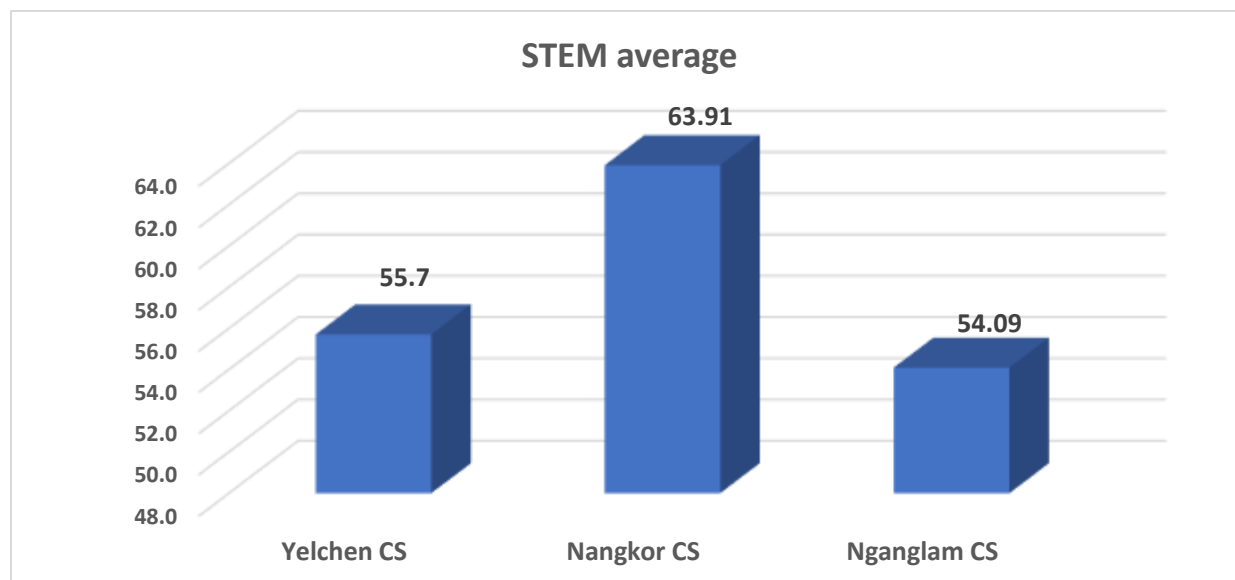
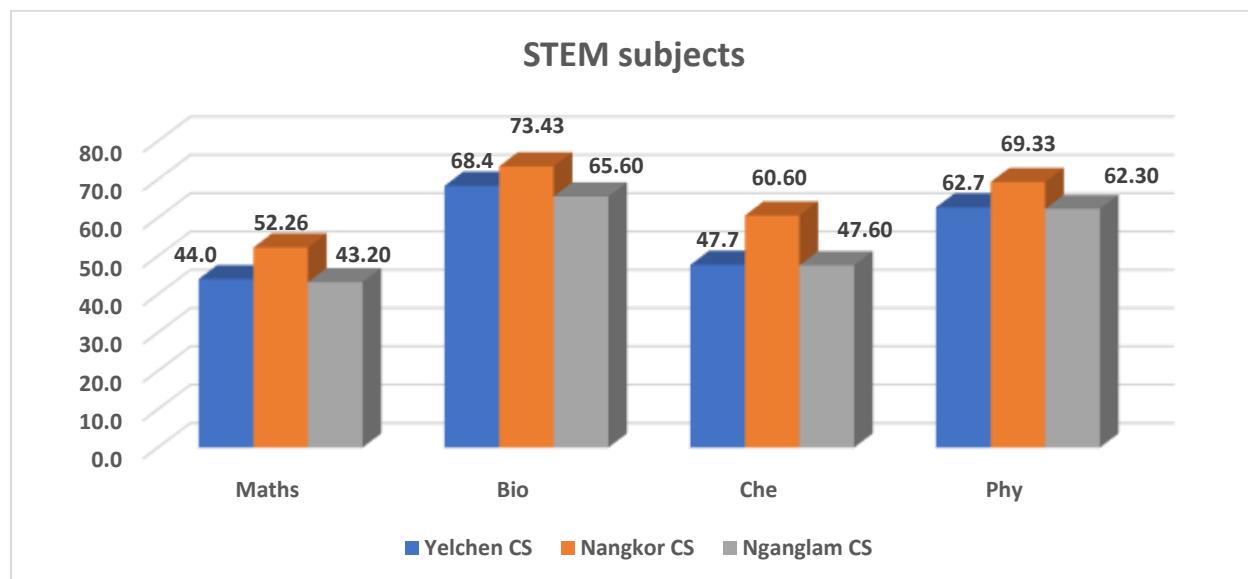
Figure 28.5: AVERAGE SCORES OF STEM SUBJECTS**Figure 28.5:** Nangkor CS has the highest mean score in STEM Subjects with 63.91 followed by Yelchen CS with 55.7 mean score.**Figure 28.6: SCHOOL-WISE MEAN SCORES OF STEM SUBJECTS****Figure 28.6:** In all the 4 STEM subjects, Nangkor CS leads among the other higher secondary schools.

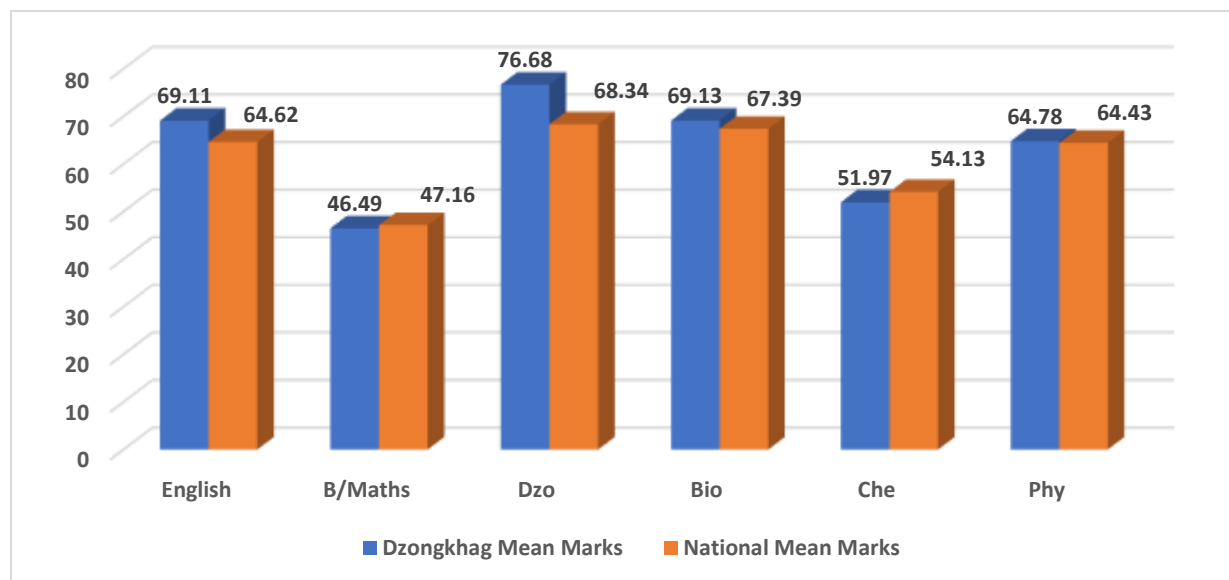
Figure 28.7: DZONGKHAG AND NATIONAL MEAN SCORES

Figure 28.7: English, Dzongkha, Biology and Physics mean scores are higher than National mean scores. Only Maths and Chemistry mean score are lower than the National mean scores.

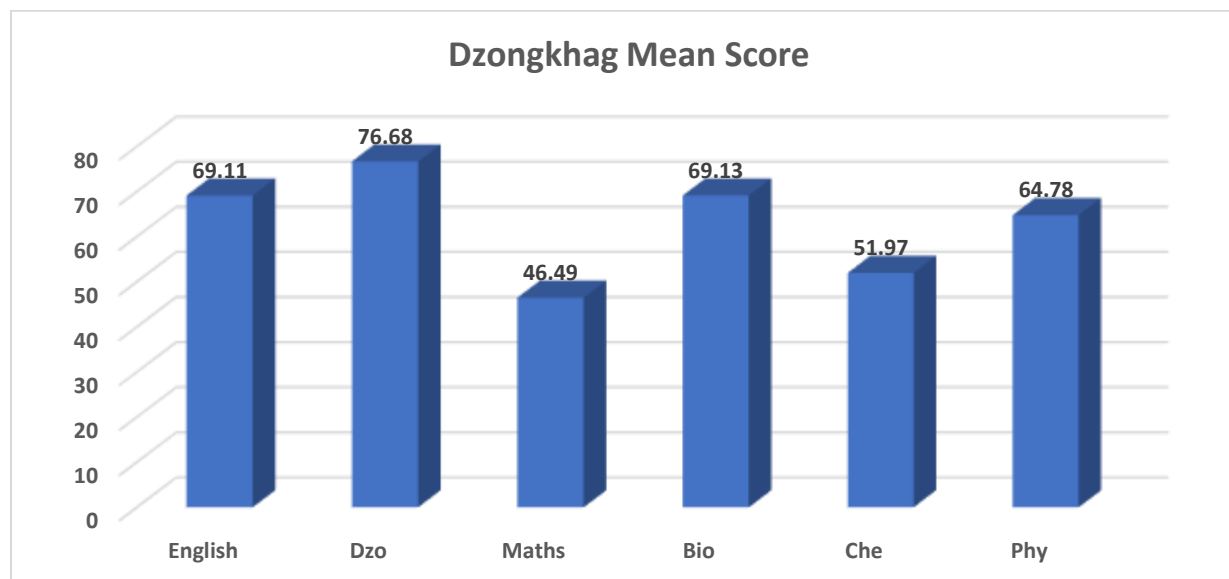
Figure 28.8: GENDER-WISE PASS PERCENTAGE

Figure 28.8: Dzongkhag has the mean score of 76.68 followed by Biology with 69.13. Mathematics has the lowest mean score of 46.49.

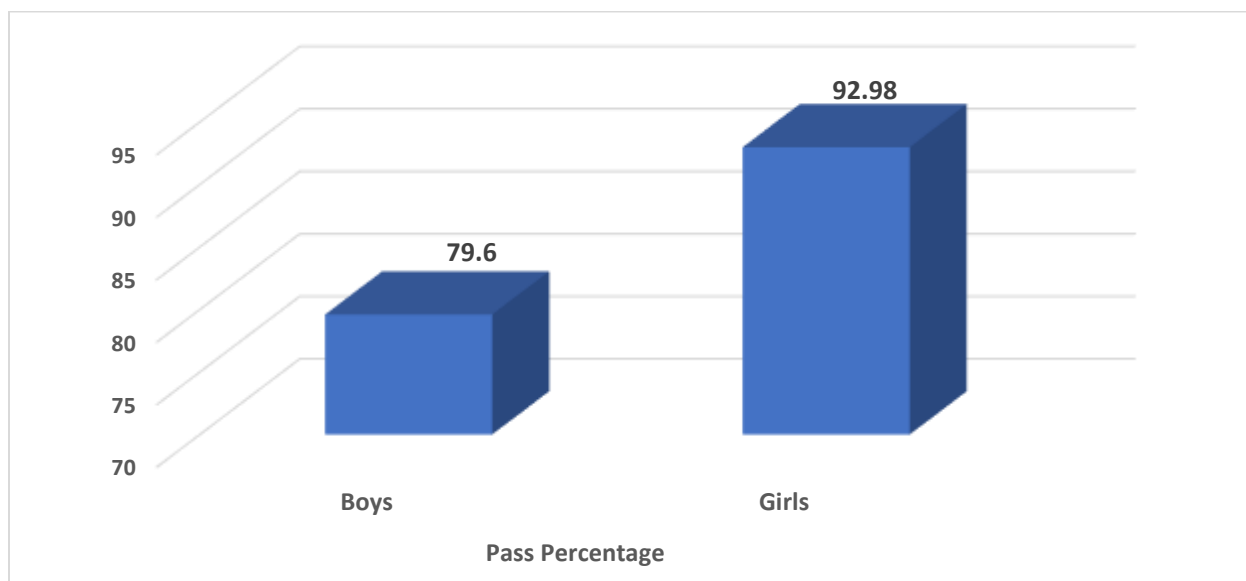
Figure 28.9: GENDER-WISE PASS PERCENTAGE

Figure 28.9: Girls have higher pass percentage than boys. Pass percentage of boys to girls is 79.65 and 92.98 % respectively.

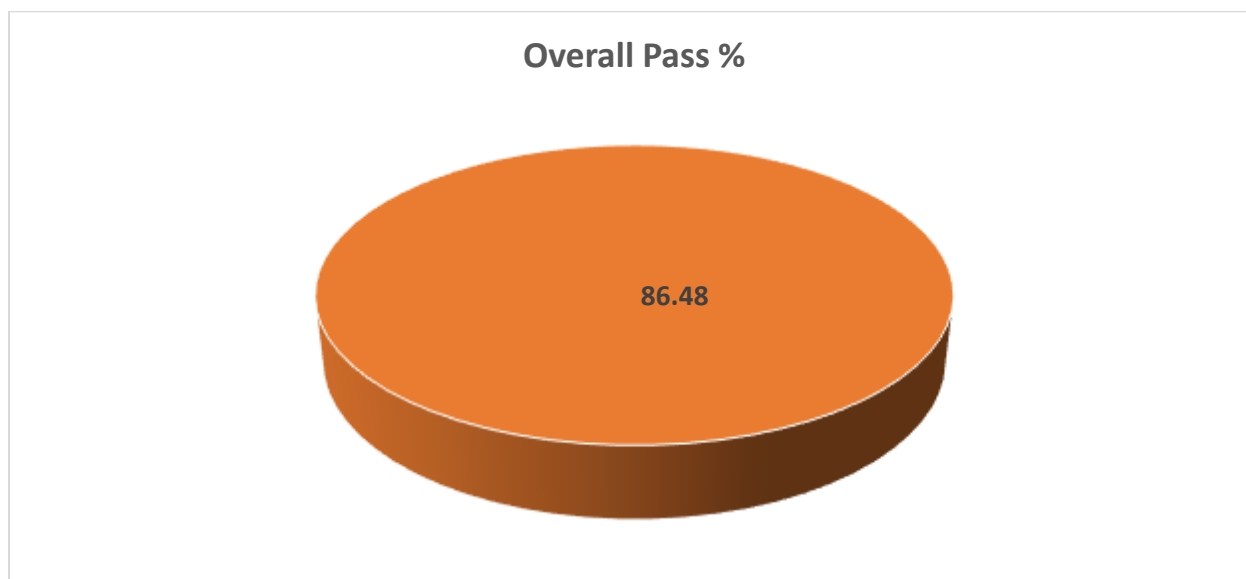
Figure 28.10: OVERALL PASS PERCENTAGE

Figure 28.10: The overall pass percentage of science stream of Pemagatshel is 86.48

Figure 28.11: SCHOOL RANKING BY OVERALL MEAN PERFORMANCE – XII ARTS

Rank	Schools [Class XII ARTS]	Mean
1	Nangkor CS	63
2	Nganglam CS	59
3	Yelchen CS	56

Figure 28.11: Amongst three HSS, Nangkor CS stands in 1st Position with 63 mean score followed by Nganglam CS and Yelchen CS with 59 and 56 mean score respectively.

Figure 28.12: SUBJECT-WISE HIGH AND LOW PERFORMING SCHOOLS - ARTS

High Performing			Low Performing		
School(s)	Subject(s)	Mean	School(s)	Subject(s)	Mean
Nangkor CS	English	61.10	Yelchen CS	English	55.65
Yelchen CS	B/Maths	47.3	Nangkor CS	B/Maths	41.8
Nangkor CS	Dzongkha	70.94	Nganglam CS	Dzongkha	64.10
Nangkor CS	History	60.33	Yelchen CS	History	55.82
Nganglam CS	Geography	64.6	Yelchen CS	Geography	56.3
Nangkor CS	Economics	63.79	Nganglam CS	Economics	52.7
Nangkor CS	Rigzhung	77.40	Nganglam CS	Rigzhung	62.10
Nangkor CS	Media studies	65.30	Nganglam CS	Media studies	62.60

Figure 28.12: Nangkor CS has the six subjects with highest mean score followed by Yelchen and Nganglam Cs with one each.

Figure 28.13: SCHOOL RANKING BY OVERALL MEAN PERFORMANCE – XII COMMERCE

Rank	Schools [Class XII COMMERCE]	Mean
1	Nangkor CS	59.82
2	Yelchen CS	54.82
3	Nganglam CS	54.80

Figure 28.13: With 59.82 mean score, Nangkor CS leads the table followed by Yelchen and Nganglam CS with 54.82 and 54.80 mean scores respectively.

Figure 28.14: SUBJECT-WISE HIGH AND LOW PERFORMING SCHOOLS - COMMERCE

High Performing			Low Performing		
School(s)	Subject(s)	Mean	School(s)	Subject(s)	Mean
Nangkor CS	English	62.36	Yelchen CS	English	57.82
Nangkor CS	B/Maths	53.20	Nganglam CS	B/Maths	46.9
Nangkor CS	Dzongkha	72.18	Nganglam CS	Dzongkha	64.60
Nangkor CS	Economics	67.09	Nganglam CS	Economics	53.40
Nangkor CS	BENT	61.09	Yelchen CS	BENT	57.31
Nganglam CS	Accountancy	45.20	Yelchen CS	Accountancy	41.2

Figure 28.14: Nangkor CS has the five subjects with highest mean score followed by Nganglam CS with one. Nganglam CS and Yelchen CS both have three subjects with lowest mean score.

Figure 28.15: SCHOOL RANKING BY OVERALL MEAN PERFORMANCE – XII SCIENCE

Rank	Schools [Class VIII]	Mean
1	Nangkor CS	67.8
2	Yelchen CS	60.9
3	Nganglam CS	60.4

Figure 28.15: with 67.8 mean score Nangkor CS has the highest mean score in XII Science compared to Yurung CS and Nganglam CS.

Figure 28.16: SUBJECT-WISE HIGH AND LOW PERFORMING SCHOOLS - SCIENCE

High Performing			Low Performing		
School(s)	Subject(s)	Mean	School(s)	Subject(s)	Mean
Nangkor CS	English	70.79	Yelchen CS	English	66.6
Nangkor CS	Maths	52.26	Nganglam CS	Maths	43.20
Nangkor CS	Dzongkha	80.24	Nganglam CS	Dzongkha	73.8
Nangkor CS	Biology	73.43	Nganglam CS	Biology	65.60
Nangkor CS	Chemistry	60.60	Nganglam CS	Chemistry	47.6
Nangkor CS	Physics	69.33	Nganglam CS	Physics	62.3

Figure 28.16: Nangkor CS has the six subjects with highest mean score, while Nganglam CS and Yelchen CS have five subjects and one subject with lowest mean score.

Recommendations

1. The Dzongkhag aims to have more than 80% of students proficient in all subjects, therefore schools have to carefully evaluate the methods of instruction. *Schools are recommended to do an extensive "programme Review" covering all disciplines and literary activities. Based on the result data analysis, it is evident that we need to increase the level of intensity and thoroughness of these exercises, squarely to improve performance for every subject. On the other hand, schools with excellent results are recognized for their substantial commitment and hard work.*
2. Some 'out of the box' measures such as a change in the paradigm of teaching and making all lessons experiential would help us resolve the issue. *Schools are advised to use new, innovative and enterprising approaches in teaching both STEM and non-STEM subjects. The profuse use of the lecture method and regurgitating the old-fashioned, formulaic teaching methods and styles would not help us reap the desired results. We may remain with the same low scores (in many cases) if we do not vet our approaches to teaching and learning.*
3. Apart from Nangkor CS, schools having Accountancy teachers have also received somewhat poor grades in the subject. *Schools (HSS) are requested to do a "programme review" on it to determine what motivates students to learn effectively and wisely. Our methods may be adjusted to better meet the children's learning needs.*
4. Teachers' practices must be reoriented by school authorities to enhance the teaching and learning processes in the classroom. Therefore, the Dzongkhag Education Office requests that *teachers take online courses pertaining to their subjects. The individual schools are required to keep records of the online courses that the teachers have taken, and recognition awards will be given to the top three schools that have completed the highest number of online courses. These certificates for the SPMS rating from the academic year 2024 will be tallied on an equal footing with international certificates.*
5. With 55.16 mean scores in class X, 44.57 in Arts, 49.33 in Commerce, and 46.49 in Science, Class XII students have the lowest mean scores in mathematics across all streams. This could be because most of the students switched schools. *The data, however, makes it imperative that we address the class X and XII students' performances in Mathematics across all streams to instill in them a love of the subject as well as a sense of ownership over studying it with heightened seriousness. It is necessary to establish a regular system of communication channels to enhance their understanding of Mathematics. A resurgence of interest in mathematics would come from regular communications highlighting the subject's national significance. Schools are asked to start "Mathematics Talking Time" with the students. School Leaders can help to solidify this process by making your unfailing presence for the cited programme and stressing its significance to both teachers and students.*

6. Schools shall have an inclusive and positive culture that celebrates diversity, fosters teamwork, and provide a secure and nurturing learning environment for both teachers and students. *The well-being of teachers and students should be given top priority since it will result in improved academic performance.* Children's positive mental and emotional development will also be supported by well-being, which is why all schools are encouraged to strengthen "**Mentor-mentee**" and "**Resilience Development**" programs.
7. Promote collaboration between different departments and teachers to create interdisciplinary learning opportunities that connect various subjects and provide a more holistic education for the students.
8. Embrace and integrate technology into the curriculum to enhance teaching methods and provide students with tools for interactive and dynamic learning experiences.
9. Offer additional support services, such as tutoring, counselling, or special education programs, to address the diverse needs of students and ensure that everyone has an equal opportunity to succeed.
10. All in all, hear, resound and delve into the **five-year academic roadmap** that we have created during the beginning of the academic year 2023. *Instead of adhering to our routine year plans, we should ask ourselves if we have not achieved the goals and make strategies for each subject, targeting higher achievement from the 2024 academic year. Look beyond the immediate future and map out creative paths to take. Each school's level of plans to improve its low-performance ratings will be assessed, verified, and evaluated during the SPMS 2024.*
11. *Performance of ICT is low compared to other subjects in class VI with mean score of 64.7.*
12. Out of 19 schools having Class VI, the performance of six schools is not up to the mark. One of the schools has the pass percentage as low as 39.1%. The pass percentage of six schools are less than 60%.