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Received: 28-May-2022, Manuscript No. jart-22-67917; **Editor assigned:** 30-May-2022, PreQC No. jart-22-67917 (PQ); **Reviewed:** 13-Jun-2022, QC No. jart-22-67917;

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Review Of Related Literature

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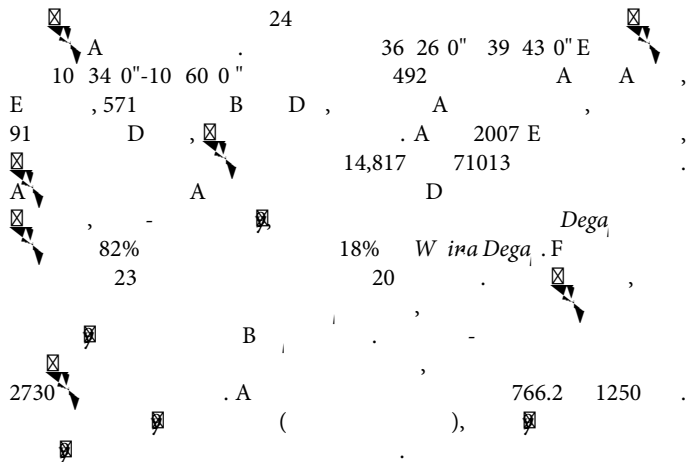
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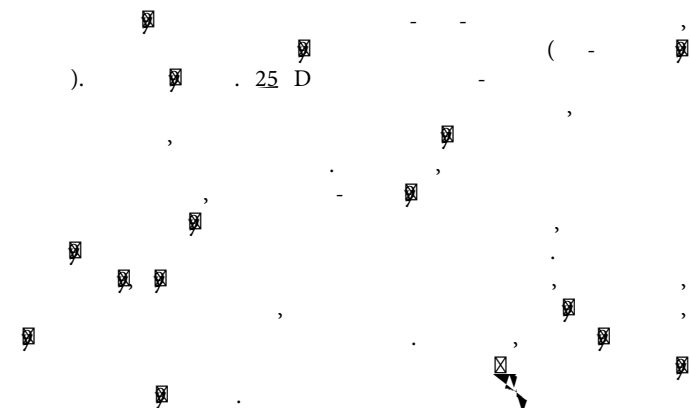
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Methodology

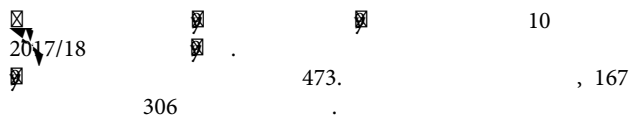
Study area



Research design



Population



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15. The study was conducted in Addis Ababa, Ethiopia, from January to March 2023. The sample size was determined using the formula for estimating the sample size for a cross-sectional study. The study was approved by the Institutional Review Board of the Addis Ababa University. The data were analyzed using SPSS version 25.0. The results are presented in the following sections.

Results

Demographics

The study included 110 students. The majority of the students were female (59%), and the remaining were male (41%). The age range of the students was 16-19 years. The majority of the students (72.8%) had achieved the plan in EGSECE, while 18.2% had not achieved the plan, and 8.0% had not completed the plan.

Self-efficacy

The self-efficacy scores of the students ranged from 1 to 15. The mean self-efficacy score was 4.45, and the standard deviation was 0.50. The distribution of self-efficacy scores is shown in the following table.

Students levels of self-efficacy

The students' levels of self-efficacy were categorized into five groups: low (1-3), moderate (4-6), high (7-9), very high (10-12), and extremely high (13-15). The majority of the students (75%) had low self-efficacy, while 15% had moderate self-efficacy, 7.5% had high self-efficacy, 2.6% had very high self-efficacy, and 60% had extremely high self-efficacy.

Inferential statistics

Gender differences in self-efficacy:

The mean self-efficacy score for male students was 4.45, and for female students, it was 4.45. The difference between the two groups was not statistically significant ($p > 0.05$).

Table 1: Reports of demographic data (N =110).

No.	Items	Frequency (N)	Percent
1	Gender		
	Male	65	59
	Female	45	41
2	Age		
	16	30	27.3
	17	40	36.4
	18	30	27.3
	19	10	9
3	Locality		
	Urban	45	41
	Rural	65	59
4	Plan achieved in EGSECE		
	A	80	72.8
	B	20	18.2
	C	10	9
	D	-	-
	F	-	-

Table 2: Mean and standard deviation of self-efficacy scores.

Item Number	Mean (\bar{x})	Standard Deviation (δ)
1	4.45	0.50
2	4.0	0.91
3	2.0	1.06
4	3.7	1.02
5	3.8	0.61
6	2.25	1.12
7	4.5	0.93
8	3.3	1.06
9	3.2	1.17
10	4.0	0.92
11	2.15	0.94
12	2.2	1.2
13	1.95	1.00
14	3.7	1.20
15	3.4	1.00

(108) = 2.46, < 0.05 (4).
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Self-efficacy differences based on locality: A - φ
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57.9

Citation: Asfaw MD φ GGDACE••^•• { ^} c[] ÁÙc~ á^} c•pÙ^|É^ &æ&~ÉACE&æá^ { ä&ACE&@i^Ç^ { ^} cÉÁŠ [&æ|æc~ Áæ } äáÖ^} á^;Áä)ÁÖ@^ { ä•c1~ ÁæcÁ Y [!^ä||~ ÁÙ^& [] äæ1~ ÁÙ& [[[ÉÁÖc@i [] äæÉÁRÁCEää&ä;ckÜ^•ÁV@^;ÁFHKÁ I ĪÉ

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