

## Research Purpose

The study investigated the influence of BLA on students' academic achievement in learning Biology.



## Methodology

Biology Achievement Test (BAT) was used for data collection, and to measure students' achievement in Biology.

- Part A of the instrument elicited the participants' demographic information.
- Part B contained 50 multiple-choice questions with 4 options (A to D) against each question.
- The null hypotheses were tested using ANCOVA.

## The sample

A total sample size of 87 (36 males and 51 females) students offering Biology were used for the study.

**Two classes were selected.**

- One was randomly assigned to the experimental group (BLA)
- The other to the control group (CLM) using a simple random sampling technique (flip of a coin).

## Result 1:

- Male students performed higher than female students in the BLA classroom, while female students performed higher than male students in the lecture method group.

## Result 2:

- The interaction effect of teaching methods and gender on students' academic achievement was non-significant.

