CHAPTER - III
Methodology

Aim of Study

The Present study aims at to search the anxiety, stress and intelligence among Boys and Girls (18-21 and 22-25) Interuniversity Hockey players.

Objective of the study:


Hypothesis:

Male Inter University Hockey players have significantly Low Anxiety than the Female Inter University Hockey players.

- 18-21years Male Inter University Hockey players have significantly high Anxiety than the 22-25years Male Inter University Hockey players.
- 18-21years Female Inter University Hockey players have significantly high Anxiety than the 22-25years Female Inter University Hockey players.
• 18-21 years Male Inter University Hockey players have significantly high Stress than the 22-25 years Male Inter University Hockey players.

• Male Inter University Hockey players have significantly Low Stress than the Female Inter University Hockey players

• 18-21 years Male Inter University Hockey players have significantly high Stress than the 22-25 years Male Inter University Hockey players.

• There no significant Difference in term of intelligence among male and female Inter University Hockey players

• There no significant Difference in term of intelligence among 18-21 years and 22-25 years male and female Inter University Hockey players

• Below 21 year male Inter University Hockey players tend to have more stress and anxiety comparative about 21 years.

• Inter University Hockey players have high intelligence there stress and anxiety would be low.

Sample

Effective sample consisted of 320 of Male and Female (18-21 years and 22-25 years) Inter University Hockey players from Maharashtra State.
Tools used for Data Collection.

Following psychological tests were used for data collection

SINHA’S COMPREHENSIVE ANXIETY TEST (SCAT) :-

This test is developed and standardized by A.K.P. Sinha and L.N.K. Sinha. The test consisted of 90 Items. The subjects were required to respond to each item in terms of ‘YES’ OR ‘NO’. The reliability coefficient of the test was found 0.92 with Spearman Brown formula. The validity coefficient was found 0.62.
Singh Personal Stress Source Inventory (1971)

This test is developed and standardized by Arun Kumar Singh the test consisted of 90 Items. The subjects were required to respond to each item in terms of ‘seldom’, ‘sometimes’ OR ‘frequently’. The reliability coefficient of the test was found 0.79 with Spearman Brown formula. The validity coefficient was found 0.78.

Syam Swarup Jalota Intelligence Inventory:

This test is developed and standardized by Syam Swarup Jalota the test consisted of 100 Items. The subjects were required to respond to each item in terms of ‘seldom’, ‘sometimes’ OR ‘frequently’. The reliability coefficient of the test was found 0.79 with Spearman Brown formula. The validity coefficient was found 0.78.

Procedure of Data Collection:

The tests were administered on small groups of Ss about 25 to 30 Ss in each group. Comfortable seating arrangements were made for Ss. Distance between the two Ss was kept long so that one subject could not see the responses of the other subject.

The data were collected in two sessions. In the first session test forms were distributed. After giving proper instructions they were asked to start marking and after completion, the forms were collected.
Variables under study:

Independent Variable: GENDER

1. Male
2. Female

AGE

1. 18-21 years
2. 22-25 years

Dependent Variable: -

1. Stress
2. Anxiety
3. Intelligence