various designs used in agriculture and industry are studied agriculture, clinical trials. Papers of applied nature, like medical statistics, actuarial statistics, time series, and optimization techniques (operations research), statistical quality control. There are some skill oriented courses C programming and R software. There are three practical courses based on core courses. In one of the practical courses, project component will be introduced to get hands on training or experientiallearning.

Evaluation Scheme:

A. Theory paper:

a) End semester examination (ESE): 30 marks
(At the end of each semester)

b) Continuous Internal Assessment (CIA): 20 marks

Total: **50 marks**

B. **Practical paper:**

a) End semester examination (ESE): **30 mar**
(At the end of each semester)

b) **Continuous Internal Assessment (CIA**)

1. Journal day to day work : 5 Marks
2. Viva based on day to day experiments: 5 Marks
3. Small project in a group: 10 Marks

Total: 20 Marks

STRUCTURE OF THE COURSE:

Structure of the course for the first year and the pattern of examination and question papers areas specified below:

Structure of F. Y. B. Sc. Statistics

Level	Sem	Paper Code	Paper	Paper title	No. of credits	Marks		
						CIA	ESE	Total
4.5	I	STA11101	I	Descriptive Statistics	2	20	30	50
		STA11102	II	Practical based on Descriptive statistics (Manual and using MS-Excel)	2	20	30	50
	II	STA12101	I	Discrete Probability and Discrete Probability Distributions	2	20	30	50
		STA12102	II	Practical based on Discrete Probability and Discrete Probability Distributions (Manual and using R Software)	2	20	30	50