

Meeting of the Board of Studies of Mathematics and Statistics department,
Sophia College held on May 6, 2020.

The meeting was conducted via Zoom.

The meeting was attended by Mrs Chitra Paranjpe, Mrs. Pradnya Kandeparkar, Mrs Myrtle Fernandes, Dr. Sushil Kulkarni, Mrs. Reena Deepak Nagda, and Mrs. Harshada Shringarpure.

There was no change made to the syllabus of Mathematics and Statistics for the year 2020-21

The following points were discussed in the meeting.

- a. The department has conducted two one-credit courses, each of 30 hours on "Applications of Statistical Techniques using EXCEL" and " Python and Techniques in Data Analysis". The response to both the courses was good. However the department restricted the course to 15 students only. The students were evaluated at the end of the course and Certificates were awarded to students who successfully completed the course.
- b. Both the above courses will be conducted online this year.
- c. Due to the new online method of teaching, it was suggested to focus more on the applications of the theory while covering the syllabus.
- d. It was suggested to conduct projects and Internal Assessment with a focus on the interpretation of the results along with the analytical methods. This will ensure that the students understanding of the topics could be evaluated effectively.
- e. Students will be encouraged to take up courses online which could enable them to get a wider perspective of the concepts of the syllabus
- f. To include the topics of Error Analysis and t-test in Unit 3 of Statistics Paper 2 (Statistical Methods) for FYBSc in semester 2 and SYBA in semester 4.
- g. To rework Unit 1 of semester 1 of Statistics Paper 3 (Operations Research - Management Techniques and Industrial Statistics) to include Dynamic LPP
- h. To introduce Data Analytics as a unit in Statistics Paper 3 (Operations Research - Management Techniques and Industrial Statistics) for SYBA.
- i. While working on Practicals, to ask the students to work on inference and interpretation of the data given and its analysis

The chair thanked the members for attending the meeting and for their valuable suggestions.

Sandra Mendes

(SANDRA MENDES)

HOD, Dept of Mathematics
and Statistics

Sophia College for Women