

**Meeting of the Board of Studies of Mathematics and Statistics department,  
Sophia College held on April 26, 2022.**

The meeting was conducted via Zoom at 4.00pm.

The meeting was attended by Dr. (Mrs.) Smita Rajesh Patgaonkar, Dr. (Mrs.) Pradnya Khandeparkar, Dr. (Mrs.) S Annapurna, Dr. Ananthnarayan Hariharan, Mrs. Rekha Watve-Paradkar, Dr. (Mrs.) Reena Deepak Nagda, Ms Vidya Konar and Mrs Sandra Mendes.

Mrs Sandra Mendes (Head of the department) welcomed the members to the meeting. Changes were made to the syllabus of Statistics Paper 2 Semester 1(SBSSTT102 & SBASTT301) and Semester 2(SBSSTT202 & SBASTT201) for the year 2022-23.

The faculty proposed that the Moment Generating Functions and Cumulant Generating Functions would be introduced in Module 2 and 3 in Semester 1 and in Module 1 of Semester 2. The proposal was accepted by the members.

The following points were also discussed in the meeting.




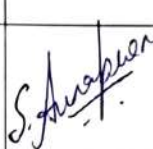


- a. The mode of teaching has been shifted to the hybrid mode. The assessment formats (internal assessment tests) would continue to be conducted online. However, the Semester End Examination was likely to be held in the offline mode.
- b. Student were given projects and Internal Assessment tests with emphasis on solutions using analytical methods as well as interpretation of the solutions. This brought forth an effective method of gauging the level of understanding of the students to the concepts.
- c. Students were encouraged to take up courses online to get a wider perspective of the concepts of the syllabus as well as their applications. The department held talks on Applications of Statistics and Mathematics and Career & Research options available to them.
- d. In the Statistics practical sessions, it was suggested to get students to analyse data using R or Excel.
- e. The faculty informed the members that the department had conducted a 30-hour certificate course on Data Analysis Techniques using Excel. This course was conducted online using the Zoom meet link for all students of the college. The response was good.
- f. There was a discussion regarding the number of credits to be given for the course. It was pointed out that a 30-hour course would be equivalent to 2 credits. The faculty agreed to check with the College authorities on this.
- g. The members were informed that the paper pattern for the FYBA and FYBSc would be different for the semester end exam as it would be held in the offline mode. However, the examination paper pattern was not finalized.
- h. The Second Year and the Third-Year theory Semester End Examinations would be held online. The practical examinations would be conducted offline.

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

*Sandra Mendes*  
(SANDRA MENDES)  
HoD, Mathematics  
and Statistics  
Sophia College for Women

## ATTENDANCE

**Department of Mathematics & Statistics Board of Studies Meeting**  
**Date: 26.04.2022 Time: 4.00P.M Venue: ZOOM**

No	Designation	Name of the Board of Studies Member	Signature
1.	Chairperson	Ms.Sandra Mendes Associate Professor and Head, Dept of Mathematics & Statistics Sophia College Autonomous	
2.	Faculty Member	Ms. Vidya Konar Assistant Professor , Dept of Mathematics & Statistics Sophia College Autonomous	
3.	The Vice- Chancellor's Nominee	Mrs. Smita Rajesh Patgaonkar Associate Professor and Head, Dept of Statistics Kirti M Doongursee College of Arts, Science & Commerce, Mumbai 400028	
4.	Subject Expert 1	Mrs. Pradyna Khandeparkar Senior Adjunct Professor, Dept of Statistics, SVK's NMIMS University, Mumbai 400056	
5.	Subject Expert 2:	Dr. Ananthnarayan Hariharan Assistant Professor, Department of Mathematics, IIT Bombay Mumbai 400076	
6.	Subject Expert 1(Statistics):	Dr. S. Annapurna Associate Professor, Dept of Statistics ,St. Xavier's College – Autonomous, Mumbai 400001	
7.	Subject Expert 2 (Mathematics):	Mrs Rekha Watve-Paradkar Associate Professor & Head, Department of Maths, SIES College of Arts, Science & Commerce, Mumbai 400020	
8.	Subject Expert 3 (Mathematics):	Mrs. Reena Shah (Dr. Reena Nagda) Assistant Professor and Coordinator, B.Sc(Comp. Sc) Mulund College of Commerce, Mumbai 400080	
9.	Representative from industry/corporate sector:	Mrs. Harshada Shringarpure Assistant Vice President – Actuarial (Valuation team lead) Kotak Mahindra Life Insurance Company Ltd., Mumbai	
10.	The Postgraduate Meritorious Alumnus:	Ms. Gayatri Maniar Shah Assistant Vice President, Leadership & Professional Development Team	