

**Meeting of the Board of Studies of Mathematics and Statistics department,
Sophia College held on October 27, 2023.**

The meeting was conducted via the department zoom link on Friday October 27, 2023 at 5.00pm.

The meeting was attended by Dr.(Mrs.) Smita Rajesh Patgaonkar, Dr. (Mrs.). Reena Deepak Nagda, Dr Pradnya Khandeparkar, Ms. Gayatri Maniar, Mrs Sandra Mendes and Ms Vidya Konar.

Mrs Sandra Mendes (Head of the department) welcomed the members to the meeting.

The minutes of the previous meeting (held on June 13, 2023) was read out and was passed by the members of the Board of Studies.

The members were introduced to the different papers being offered by the department in the second semester of the academic year 2023-24 under NEP. The faculty informed the members that Mathematics and Statistics will be offered as MINOR subjects to the students of class FYBSc. Henceforth Statistics as a MINOR will not be offered to students of FYBA from 2023-24.

The two new courses which are introduced as Skill Enhancement Courses for the FYBSc students in Semester 2 of Academic year 2023-24 are
SSEC205 Mathematical Techniques in Project Scheduling (Theory and Practicals)
SSEC206 Mathematics of Financial Investments (Theory and Practicals)

The syllabus of the above papers was discussed with the the members for Semester 2 of AY 2023-24. The various suggestions given by the members was taken note regarding the content, teaching and projects for the students in the current academic year.

Apart from this the Board of Studies also discussed the following syllabi of the minor courses namely

1. Mathematics Paper 2(MINOR)- SMAT122MN Calculus-2 – Derivatives, Applications Mean Value theorem
2. Mathematics Paper 2(MINOR)- SMAT122MNP Calculus-2 Practicals
3. Statistics Paper 2 (MINOR) – SSTA122MN Descriptive Statistics-2 – Correlation and Regression, Time Series and Index Numbers
4. Statistics Paper 2 (MINOR) – SSTA122MNP Descriptive Statistics-2 Practicals

The following courses will be taught to the students in the second semester. The syllabi of these papers (which is the same as the courses in the first semester and had been discussed in the previous BOS) was discussed along with a feedback from the department and suggestions which could be worked out to make the paper more relevant and application oriented.

1. Open Elective 1 – OE203A Graphical presentation of Numerical Information.
2. Open Elective 2 – OE203B Number systems and their Applications.
3. Value Enhancement Course - VEC205 – Digital Empowerment

The methods of evaluation of the papers - continuous tests and the semester end examination formats was discussed. The members discussed about mapping the questions with the Blooms taxonomy in order to make the evaluation more relevant and attaining the objectives of the courses.

The one credit certificate course of 15 hours had been conducted in August 2023, in the first semester of 2023-24. The syllabus, mode of teaching and the evaluation

procedure was placed before the members of the board of studies. The suggestions given by the members was noted. The chair thanked the members for attending the meeting and for their valuable suggestions.



Dr. Smity R. Patgaonkar SPatgaonkar

Dr. Reena Nagda RNagda




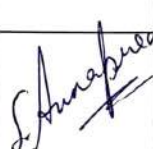


Reetika Wahre-Pandkar RW

Vidya. P. Konar V. Vidya

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

ATTENDANCE

Department of Mathematics & Statistics Board of Studies Meeting
Date: 27.10.2023 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 (extended) Senior Adjunct Professor, Dept of Statistics, SVK's NMIMS University, Mumbai 400056	
5.	Subject Expert 2:	Dr. Ananthnarayan Hariharan (extended) 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):	Dr. Reena Deepak Nagda Assistant Professor and Coordinator, B.Sc(Comp. Sc) Mulund College of Commerce, Mumbai 400080	
9.	Representative from industry/corporate sector:	Mrs. Harshada Shringarpure Director – Acturial, PNB MetLife Insurance Co. Ltd., Mumbai	
10.	The Postgraduate Meritorious Alumnus:	Ms. Gayatri Maniar Shah Manager, Learning & Development, GEP, London, England	