


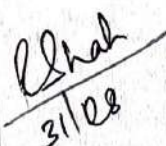



**Meeting of the Board of Studies of Mathematics and Statistics,
Sophia College - Autonomous**

Date: 31.08.2019

Time: 10.00A.M

Venue: Room 26

Name	Designation	Signature
Ms. Sandra Mendes	Chairperson Associate Prof. & Head, Department of Mathematics & Statistics, Sophia College, Mumbai.	
Ms. Vidya Konar	Faculty Member Co-opted Ad-Hoc Prof. Department of Mathematics & Statistics, Sophia College, Mumbai.	
Mrs. Chitra Paranjpe	Vice Chancellor's Nominee Associate Professor and Head of the Department of Mathematics, Kirti M Doongursee College of Arts, Science & Commerce, Mumbai.	C.P. Paranjpe.
Mrs. Pradya Kandeparkar	Subject Expert (from outside parent university): Senior Adjunct Professor, Dept of Statistics SVK's NMIMS University, Mumbai.	
Dr. Ananthnarayan Hariharan	Subject Expert (from outside parent university): Assistant Professor, Department of Mathematics, IIT Bombay	
Mrs. Myrtle C Fernandes	Subject Expert: Associate Professor and Head, Department of Statistics, St. Xavier's College – Autonomous, Mumbai	
Dr. Sushil Kulkarni	Subject Expert Associate Professor and Head, Department of Maths, Jai Hind College of Science and Commerce Autonomous, Mumbai	
Mrs. Reena Deepak Nagda	Subject Expert Assistant Professor and Coordinator, B.Sc (Comp. Sc.), Mulund College of Commerce, Mumbai.	 31/08
Mrs. Harshada Shringarpure	Representative from the Industry or the Corporate Sector / Allied Area. Deputy Vice-President – Actuarial (Valuation team lead), Kotak Mahindra Life Insurance Company Ltd., Mumbai.	
Ms. Gayatri Maniar Shah	Post-Graduate Meritorious Alumnus: Vice-President, Leadership & Professional Development Team, CREDIT SUISSE BUSINESS ANALYTICS INDIA PVT LTD, MUMBAI .	

**Meeting of the Board of Studies of Mathematics and Statistics department,
Sophia College held on August 31, 2019.**

There was no change made to the syllabus of Mathematics and Statistics for the year 2019-2020

The following suggestions were made in the meeting.

- a. Is it possible to introduce Sequences in Mathematics Paper 1 for FYBSc (SBSMTT101) before limits? The faculty agreed to consider this and discuss it in detail in the next Board of Studies meeting.
- b. To introduce the topics of Recurrence relation in Permutation maps, Fibonacci sequence and Tower of Hanoi in Mathematics Paper 2 for FYBSc (SBSMTT102).
- c. Some more reading materials were to be considered for the Mathematics Paper 1 and 2 syllabus for both the semesters.
 - i. Elements of Discrete Mathematics by C. Liu and Mohapatra
 - ii. Calculus Volume 1 & 2 by Ghorpade
 - iii. Fundamental Course in Mathematics by Ajit Kumar and Kumaresan (Narosa Publications)
- d. 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.
- e. To rework Unit 1 of semester 1 of Statistics Paper 3 (Operations Research - Management Techniques and Industrial Statistics) to include Dynamic LPP
- f. To introduce Data Analytics as a unit in Statistics Paper 3 (Operations Research - Management Techniques and Industrial Statistics) for SYBA.
- g. To use R or EXCEL software to solve examples of Transportation and Assignment concepts for SYBA Semester 3.
- h. To include the topics of Project Management and software dealing with it in Unit 1 – PERT & CPM of Statistics Paper 3 (Operations Research - Management Techniques and Industrial Statistics) for SYBA in semester 4.
- 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.

Sandea