

Loyola College, (Autonomous), Chennai – 600 034.

Department of Statistics

**MEETING OF THE BOARD OF STUDIES IN STATISTICS**

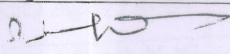
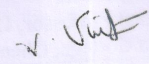
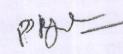
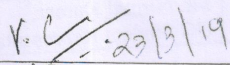
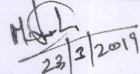
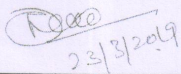
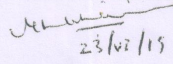
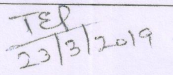
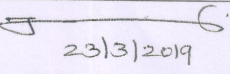
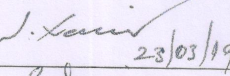
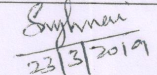
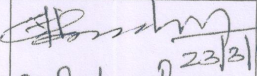
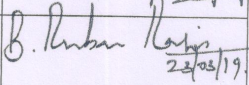
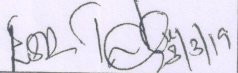
**Agenda:** To discuss the overall revised structure of the Undergraduate (B.Sc.) program in Statistics and the specific course content of the papers offered in the first two semesters and major changes in the M.Phil. Program.

*Minutes of the meeting held on March 23<sup>rd</sup>, 2019*

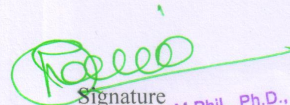
The Meeting of the Board of Studies in Statistics was held on March 23<sup>rd</sup>, 2019, from 10.30 a.m. to 1.00 p.m. to discuss the overall revised structure of the Undergraduate (B.Sc.) program in Statistics and the specific course content of the papers offered in the first two semesters and major changes in the M.Phil. Program. All the members of the Statistics faculty, three external experts, an industry representative, an alumnus and two of the current student representatives participated in the meeting and resolved the following:

- The proposed overall Structure (including the core, allied required, allied optional, elective and skill papers) for B.Sc. Statistics program is approved – The overall template and list of papers to be offered is enclosed.
- The syllabi for the following papers are approved:
  - Statistical Methods (Major Core for B.Sc. Statistics) in Semester I
  - Probability & Discrete Distributions (Major Core for B.Sc. Statistics) in Semester I
  - Continuous Distributions (Major Core for B.Sc. Statistics) in Semester II
  - Applied Statistics (Major Core for B.Sc. Statistics) in Semester II
  - Mathematical Statistics (Allied Required for B.Sc Mathematics) in Semester II
  - Business Statistics (Allied Required for B.Com General) in Semester II
  - All the above papers provide scope for skill development and employability for UG students.
- The B.Sc. Statistics students will have Allied Required from Mathematics Department in Semester I and from Commerce Department in Semester II
- The M.Phil syllabus was restructured with the papers ‘Research methodology’ as Paper I and ‘Advanced Statistical Inference’ as paper II.
- Five new papers, advanced multivariate analysis, machine learning, implementing six-sigma, survey sampling and time series data analysis were introduced as elective papers in Paper III and its syllabus was approved.
- These papers provide employability opportunity for M. Phil Students.

The meeting was attended by the following members:

S.No.	Name and address of the faculty	Signature with date
1	Dr. S. Sampath, University Nominee, University of Madras.	
2	Dr. N. Viswanathan, Associate Professor, Department of Statistics, Presidency College, Chennai-5.	
3	Dr. P. R. Jayashree, Associate Professor, Department of Statistics, Presidency College, Chennai-5.	
4	Dr. V. Chandramouliswaran, Industry Representative, PayPal, Chennai.	 23/3/19
5	Mr. Mouli, Alumni, Ducan Analysis.	 23/3/2019
6	Dr. S. Thobias, Head, Department of Statistics Loyola College, Chennai- 34.	 23/3/2019
7	Dr. T. Leo Alexander Associate Professor, Department of Statistics, Loyola College, Chennai - 34.	—
8	Dr. Martin Luther William, Associate Professor, Department of Statistics. Loyola College, Chennai- 34.	 23/03/19
9	Dr. T. Edwin Prabhakaran, Associate Professor, Department of Statistics, Loyola College, Chennai - 34.	 23/3/2019
10	Prof. L. Joseph Arokiasamy, Assistant Professor, Department of Statistics, Loyola College, Chennai -34.	 23/3/2019
11	Prof. S. Xavier, Assistant Professor, Department of Statistics, Loyola College, Chennai -34.	 23/03/19
12	Prof. M. Syluvai Antony, Assistant Professor, Department of Statistics, Loyola College, Chennai -34.	 23/3/2019
13	Dr. S. Selva Arul Pandian, Assistant Professor, Department of Statistics, Loyola College, Chennai -34.	 23/3/19
14	Dr. B. Ruban Raja, Assistant Professor, Department of Statistics, Loyola College, Chennai -34.	 23/03/19
15	Dr. K. Esther Jenitha, Assistant Professor, Department of Statistics, Loyola College, Chennai -34.	 23/3/19

- The percentage of changes in the M.Phil papers is given below:  
Research methodology – 100%  
Advanced Statistical Inference - 0%  
Advanced multivariate analysis – 100%  
Machine learning – 100%  
Implementing six-sigma – 100%  
Survey sampling– 100%  
Time series data analysis– 100%



Signature  
**Dr. S. THOBIAS, M.Sc., M.Phil., Ph.D.,**  
HEAD  
DEPARTMENT OF STATISTICS  
LOYOLA COLLEGE, CHENNAI- 600 034.  
Head of the Department