

2014



CBCS

BANGALORE UNIVERSITY
DEPARTMENT OF STATISTICS

B.Sc. (STATISTICS)
COURSE
REGULATIONS AND SYLLABUS

SEMESTER SCHEME

(CBCS)

Year 2014

BANGALORE UNIVERSITY
JNANA BHARATHI, BANGALORE - 560 056



DEPARTMENT OF STATISTICS, BANGALORE UNIVERSITY

Proceedings of the Meeting of the Board of Studies in Statistics(UG & PG) held at 10:30 am on 17.06.2014 in the Department of Statistics


Members Present :

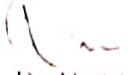
1. Prof. J. V. Janhavi
Department of Statistics, BUB
2. Dr. V. Srinivas
Department of Statistics, BUB
3. Dr. G. Nanjundan
Department of Statistics, BUB
4. Dr. Parameswar, V. Pandit
Department of Statistics, BUB
5. Prof.M.R.Srinivasan
Department of Statistics
University of Madras
Chennai
6. Smt. Radhamani
Associate professor of Statistics
Karnatak University, Dharwad
7. Smt. Mamata Ramesh
Department of Statistics
MES College of Arts, Commerce & Science
Bangalore
8. Sri. R. Prakash
✓ Vijaya College, Basavangudi
Bangalore.
9. Mr.G.T.Rajashekaraiiah,
Vijaya College Jayanagar, Bangalore
10. Dr.M.R.Ramesh
Vijaya College
Bangalore
11. Prof. P. Rajalakshmi
Chairperson BOS in Statistics, BUB

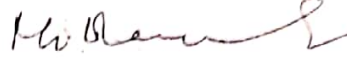
The Chairperson welcomed the members to the meeting of the Board of Studies.

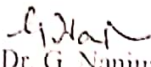
1. The members of the board approved the panel for UG and PG examinations for December 2014/ January 2015 and May/ June 2015
2. The Chairperson presented the draft of the revised syllabus of Statistics and the scheme for examination for the B.Sc course. After the detailed deliberation by the members of the board, the suggestion made by the members were incorporated and it was approved for the admission 2014 onwards.

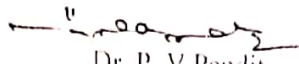
- 3. The Chairperson presented the draft of the revised syllabus and schjme for the examination for the M.Sc (Statistics) course. After the detailed deliberation by the members of the board the list of papers were approved for the admission 2014 onwards and the Syllabus of some papers were approved and a few papers will be finalized by circulation among the members
- 4. The panel of Examiners for the Ph.D candidate Mr. I Raveendra Naika under the guidance of Dr. G. Nanjundan has been approved with a few modifications

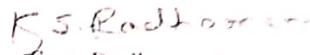

Prof. J.V. Janhavi

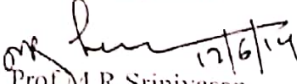

Dr. V. Srinivas



Dr.M.R.Ramesh

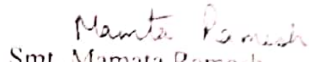

Dr. G. Nanjundan


Dr. P. V.Pandit


Smt. Radhamani


Prof.M.R.Srinivasan


Sri. R.Prakash


Smt. Mamata Ramesh


Mr.G.T.Rajasekaraiah.


Prof. P. Rajalakshmi

Member absent : Prof B Ismail . Department of Statistics, Mangalore University, Mangalore

(3)

BANGALORE UNIVERSITY
Three year B.Sc. Course (CBCS 2014)

REGULATIONS AND SYLLABUS IN STATISTICS

ELIGIBILITY:

1. To be eligible to take Statistics as one of the optional subjects in B.Sc. course, a student must have passed Pre-University course or an equivalent course with Mathematics /Business Mathematics / Basic Mathematics /Applied Mathematics as one of the optional subject.
2. Any student taking Statistics as one of the optional subjects in the B.Sc. Course must have Mathematics as another optional subject.

SCHEME OF INSTRUCTION / EXAMINATION:

1. The subject of Statistics in this course has to be taught by a master degree holder in Statistics Applied Statistics.
2. The theory question paper should cover all the topics in the syllabus with proportional weightage to the number of hours of instruction allotted.
3. The list of practicals is given under each paper in the syllabus
4. The practicals are to be conducted in batches as per university norms for science faculty (Ordinarily 10 students per batch per teacher)
5. Two teachers are to be assigned for each batch with not more than 20 students for giving instructions, supervision, and correction of records.
6. It is expected that each students collects and uses real life data for the practical classes.
7. Students are required to use the Statistical software, run the programmes and computer outputs obtained in practical classes are to be enclosed in the practical record for computer based practicals
8. In practical examination a maximum of 5 marks are allotted for practical record.

SCHEME FOR THEORY AND PRACTICALS

Sem	Code number	Title of the paper (Theory / Practical)	Lecture/ Practical hours per week	Duration of exam	Maximum IA marks	Maximum marks	Total	Credits
I	ST 101	Basic Statistics-I	04	03	30	70	100	2
	ST 102	Practical -I	03	03	15	35	50	1
II	ST 201	Basic Statistics-II	04	03	30	70	100	2
	ST 202	Practical -II	03	03	15	35	50	1
III	ST 301	Sampling Theory and Estimation	04	03	30	70	100	2
	ST 302	Practical -III	03	03	15	35	50	1
IV	ST401	Testing of Hypotheses	04	03	30	70	100	2
	ST 402	Practical -IV	03	03	15	35	50	1
V	ST 501	Applied Statistics-I	03	03	30	70	100	2
	ST502	Practical -V	03	03	15	35	50	1
V	ST 503	Design and Analysis of experiment	03	03	30	70	100	2
	ST504	Practical -VI	03	03	15	35	50	1
VI	ST 601	Applied Statistics-2	03	03	30	70	100	2
	ST602	Practical -VII	03	03	15	35	50	1
VI	ST 603	Operational Research	03	03	30	70	100	2
	ST604	Practical -VIII	03	03	15	35	50	1

Total Credits-24