

2.3

COURSE STRUCTURE FOR SEMESTER I, II, III AND IV of M.A./M. Sc. Statistics

SEMESTER – I THEORY

Sl. No.	Paper Code No. and Title		Credits	No. of Hrs/ Theory/	Duration of Exam in Hrs Theory/ Practical	Internal Assessment Marks Theory/ Practical	Marks at the Exams	Total Marks
1	PG86T101	Linear Algebra	4	4	3	25	75	100
2	PG86T102	Probability Theory	4	4	3	25	75	100
3	PG86T103	Theory of Sampling	4	4	3	25	75	100
4	PG86T104	Programming in C and Simulation	4	4	3	25	75	100
PRACTICALS								
1	PG86P101	(Based on PG86T101)	2	4	4	10	40	50
2	PG86P102	(Based on PG86T102)	2	4	4	10	40	50
3	PG86P103	(Based on PG86T103)	2	4	4	10	40	50
4	PG86P104	(Based on PG86T104)	2	4	4	10	40	50

SEMESTER – II

Sl. No.	Paper Code No. and Title		Credits	No. of Hrs/ Theory/	Duration of Exam in Hrs Theory/ Practical	Internal Assessment Marks Theory/ Practical	Marks at the Exams	Total Marks
1	PG86T201	Probability Distributions	4	4	3	25	75	100
2	PG86T202	Theory of Point Estimation	4	4	3	25	75	100
Any one of the Specialization								
3	PG86T203A	Demography	4	4	3	25	75	100
4	PG86T203B	Actuarial Statistics	4	4	3	25	75	100
5	PG86T203C	Statistical Methods	4	4	3	25	75	100
PRACTICALS								
1	PG86P201	(Based PG86T201)	2	4	4	10	40	50
2	PG86P202	(Based PG86T202)	2	4	4	10	40	50
Any one (Corresponding to Specialization Theory Paper)								
3	PG86P203A	(Based PG86T203A)	2	4	4	10	40	50
4	PG86P203B	(Based PG86T203B)	2	4	4	10	40	50

SEMESTER – III

Sl. No.	Paper Code No. and Title		Credits	No. of Hrs/ Theory/	Duration of Exam in Hrs Theory/ Practical	Internal Assessment Marks Theory/ Practical	Marks at the Exams	Total Marks
1	PG86T301	Elementary Stochastic Processes	4	4	3	25	75	100
2	PG86T302	Testing Hypotheses	4	4	3	25	75	100
3	PG86T303	Statistical Oriented R- Programming	2	2	2	10	10	50
Any one of the Specialization								
4	PG86T304A	Operations Research	4	4	3	25	75	100
5	PG86T304B	Econometrics	4	4	3	25	75	100
6	PG86T304C	Applied Statistics	4	4	3	25	75	100
PRACTICALS								
1	PG86P301	(Based on PG86T301)	2	4	4	10	40	50
2	PG86P302	(Based on PG86T302)	2	4	4	10	40	50
3	PG86P303	(Based on PG86T303)						
Any one (Corresponding to Specialization Theory Paper)								

3	PG86P303A	(Based on PG86T304A)	2	4	4	10	40	50
4	PG86P303B	(Based on PG86T304B)	2	4	4	10	40	50

SEMESTER – IV

Sl. No.	Paper Code No. and Title		Credits	No. of Hrs/ Theory/	Duration of Exam in Hrs Theory/ Practical	Internal Assessment Marks Theory/ Practical	Marks at the Exams	Total Marks
1	PG86T401	Multivariate Analysis	4	4	3	25	75	100
2	PG86T402	Linear Models	4	4	3	25	75	100
3	PG86T403	SQC & Reliability Theory	4	4	3	25	75	100
4	PG86T404	Project	6	8	Presentation 50 Marks	25	75	150
5	PG86P401	(Based on PG86T401)	2	4	4	10	40	50
6	PG86P402	(Based on PG86T402)	2	4	4	10	40	50
7	PG86P403	(Based on PG86T403)	2	4	4	10	40	50