

Department of Statistics & Operation Research

FYUP Course Structure

S.No.	Course Code	Title of the Course	Faculty Code	End Sem Marks	Sessional Marks	Credits	Part/Sem ester	Course Category	Department	Session/year of Introduction
1	2	3	4	5	6	7	8	9	10	11
1	STBSMJ1001	Descriptive Statistics	S	70	30	4	I	MJC	Stats. & O. R.	2022-23
2	STBSMJ1002	Analysis of Categorical Data & Index Numbers	S	70	30	2	I	MJC	Stats. & O. R.	2022-23
3	STBSMJ1P01	LAB-I (STBSMJ1001)	S	40	60	2	I	MJC	Stats. & O. R.	2022-23
4	STBSMN1003	Introduction to Statistics	S	70	30	4	I	MNC	Stats. & O. R.	2022-23
5	STBSMN1P01	LAB-I (STBSMN1003)	S	40	60	2	I	MNC	Stats. & O. R.	2022-23
6	STBSGE1004	Statistical Methods	S	70	30	4	I	GNE	Stats. & O. R.	2022-23
7	STBSMJ2001	Theory of Probability	S	70	30	4	II	MJC	Stats. & O. R.	2022-23
8	STBSMJ2002	Indian Official Statistics	S	70	30	2	II	MJC	Stats. & O. R.	2022-23
9	STBSMJ2P02	LAB-II (STBSMJ2001)	S	40	60	2	II	MJC	Stats. & O. R.	2022-23
10	STBSMN2003	Probability and Probability Distributions	S	70	30	4	II	MNC	Stats. & O. R.	2022-23
11	STBSMN2P02	LAB-II (STBSMN2003)	S	40	60	2	II	MNC	Stats. & O. R.	2022-23
12	STBSGE2004	Introductory Probability	S	70	30	4	II	GNE	Stats. & O. R.	2022-23

13	STBSMJ3001	Statistical Inference	S	70	30	4	III	MJC	Stats. & O. R.	2023-24
14	STBSMJ3002	Advanced Probability	S	70	30	2	III	MJC	Stats. & O. R.	2023-24
15	STBSMJ3P03	LAB-III (STBSMJ3001)	S	40	60	2	III	MJC	Stats. & O. R.	2023-24
16	STBSMN3003	Introductory Statistical Inference	S	70	30	4	III	MNC	Stats. & O. R.	2023-24
17	STBSMN3P03	LAB-III (STBSMN3003)	S	40	60	2	III	MNC	Stats. & O. R.	2023-24
18	STBSGE3004	Basics of Statistical Inference	S	70	30	4	III	GNE	Stats. & O. R.	2023-24
19	STBSVA3005	Basic Statistical Techniques	S	70	30	2	III	VAC	Stats. & O. R.	2023-24
20	STBSVO3006	Data Analysis using Statistical Software	S	70	30	2	III	VOC	Stats. & O. R.	2023-24
21	STBSMJ4001	Survey Sampling	S	70	30	4	IV	MJC	Stats. & O. R.	2023-24
22	STBSMJ4002	Non-Parametric Methods and Sequential Analysis	S	70	30	2	IV	MJC	Stats. & O. R.	2023-24
23	STBSMJ4P04	LAB-IV (STBSMJ4001)	S	40	60	2	IV	MJC	Stats. & O. R.	2023-24
24	STBSMN4003	Sampling Techniques & Indian Official Statistics	S	70	30	4	IV	MNC	Stats. & O. R.	2023-24
25	STBSMN4P04	LAB-IV (STBSMN4003)	S	40	60	2	IV	MNC	Stats. & O. R.	2023-24
26	STBSGE4004	Introduction to Operations Research	S	70	30	4	IV	GNE	Stats. & O. R.	2023-24
27	STBSVA4005	Statistical Analysis and Nonparametric Tests	S	70	30	2	IV	VAC	Stats. & O. R.	2023-24

28	STBMJ5001	Linear Models	S	70	30	4	V	MJC	Stats. & O. R.	2024-25
29	STBSMJ5002	Operations Research	S	70	30	4	V	MJC	Stats. & O. R.	2024-25
30	STBSMJ5P05	LAB-V (STBSMJ5001)	S	40	60	2	V	MJC	Stats. & O. R.	2024-25
31	STBSMJ5P06	LAB-VI (STBSMJ5002)	S	40	60	2	V	MJC	Stats. & O. R.	2024-25
32	STBSXO5003	R and its Applications in Statistics	S	70	30	4	V	MNO	Stats. & O. R.	2024-25
33	STBSXO5P01	LAB-I (STBSXO5003)	S	40	60	2	V	MNO	Stats. & O. R.	2024-25
34	STBSMJ6001	Multivariate Analysis	S	70	30	4	VI	MJC	Stats. & O. R.	2024-25
35	STBSMJ6002	Design of Experiments	S	70	30	4	VI	MJC	Stats. & O. R.	2024-25
36	STBSMJ6P07	LAB-VII (STBSMJ6001)	S	40	60	2	VI	MJC	Stats. & O. R.	2024-25
37	STBSMJ6P08	LAB-VIII (STBSMJ6002)	S	40	60	2	VI	MJC	Stats. & O. R.	2024-25
38	STBSXO6003	Demography & Vital Statistics	S	70	30	4	VI	MNO	Stats. & O. R.	2024-25
39	STBSXO6P02	LAB-II (STBSXO6003)	S	40	60	2	VI	MNO	Stats. & O. R.	2024-25
40	STBSMJ7101	Statistical Computing Using C/C++ Programming	S	70	30	4	VII (H)	MJC	Stats. & O. R.	2025-26
41	STBSMJ7102	Statistical Quality Control	S	70	30	4	VII (H)	MJC	Stats. & O. R.	2025-26
42	STBSMJ7P09	LAB-IX (STBSMJ7101)	S	40	60	2	VII (H)	MJC	Stats. & O. R.	2025-26
43	STBSMJ7P10	LAB-X (STBSMJ7102)	S	40	60	2	VII (H)	MJC	Stats. & O. R.	2025-26

44	STBSMJ7103	Research Methodology using softwares	S	70	30	2	VII (H)	VOC	Stats. & O. R.	2025-26
45	STBSMJ7104	Time Series Analysis	S	70	30	4	VII (H)	GNE	Stats. & O. R.	2025-26
46	STBSMJ7105	Inventory Control	S	70	30	4	VII (H)	GNE	Stats. & O. R.	2025-26
47	STBSMJ7S01	Seminar	S	40	60	4	VII (H)	SEM	Stats. & O. R.	2025-26
48	STBSMJ8101	Stochastic Process and Queueing Theory	S	70	30	4	VIII (H)	MJC	Stats. & O. R.	2025-26
49	STBSMJ8102	Econometrics	S	70	30	4	VIII (H)	MJC	Stats. & O. R.	2025-26
50	STBSMJ8P11	LAB-XI (STBSMJ8101)	S	40	60	2	VIII (H)	MJC	Stats. & O. R.	2025-26
51	STBSMJ8P12	LAB-XII (STBSMJ8102)	S	40	60	2	VIII (H)	MJC	Stats. & O. R.	2025-27
52	STBSMJ8103	Theory of Reliability	S	70	30	4	VIII (H)	GNE	Stats. & O. R.	2025-26
53	STBSMJ8D01	Dissertation	S	40	60	6	VIII (H)	DISS	Stats. & O. R.	2025-26
54	STBSMJ7105	Advanced Inference	S	70	30	4	VII (R)	MJC	Stats. & O. R.	2025-26
55	STBSMJ7106	Advanced Operations Research	S	70	30	4	VII (R)	MJC	Stats. & O. R.	2025-26
56	STBSMJ7P13	LAB-XIII (STBSMJ7107)	S	40	60	2	VII (R)	MJC	Stats. & O. R.	2025-26
57	STBSMJ7107	Image Analysis	S	70	30	4	VII (R)	GNE	Stats. & O. R.	2025-26
58	STBSMJ7108	Optimization using Software Packages	S	70	30	4	VII (R)	GNE	Stats. & O. R.	2025-26

59	STBSMJ7109	Research Methodology using software packages	S	70	30	4	VII (R)	VOC	Stats. & O. R.	2025-26
60	STBSMJ7D01	Dissertation	S	40	60	4	VII (R)	DISS	Stats. & O. R.	2025-26
61	STBSMJ8104	Bayesian Inference and Survival Analysis	S	70	30	4	VIII (R)	MJC	Stats. & O. R.	2025-26
62	STBSMJ8105	Advanced Design of Experiments	S	70	30	4	VIII (R)	MJC	Stats. & O. R.	2025-26
63	STBSMJ8P14	LAB-XIV (STBSMJ8105)	S	40	60	2	VIII (R)	MJC	Stats. & O. R.	2025-26
64	STBSMJ8106	Data Analysis with Python	S	70	30	4	VIII (R)	MNO	Stats. & O. R.	2025-26
65	STBSMJ8D02	Dissertation	S	40	60	8	VIII (R)	DISS	Stats. & O. R.	2025-26

Compiled by National Education Policy (NEP) Cell, Office of the Controller of Examinations