

Progressive Education Society's
Modern College of Arts, Science and Commerce Pune 16-
Autonomous
T.Y. B.Sc. (Statistics)
Course structure effective from 2024-25

Sem. No.	Paper No.	Paper code and paper title	Credits	Lectures per Week	Marks	
					Internal	External
SEMESTER V						
5	24-ST-351	DISTRIBUTION THEORY I	2	3	20	30
	24-ST-352	THEORY OF ESTIMATION	2	3	20	30
	24-ST-353	DESIGN AND ANALYSIS OF EXPERIMENTS	2	3	20	30
	24-ST-354	STATISTICAL PROCESS AND PRODUCT CONTROL	2	3	20	30
	24-ST-355	OPERATION RESEARCH I	2	3	20	30
	24-ST-356	REGRESSION ANALYSIS	2	3	20	30
	24-ST-357	PRACTICAL PAPER I	2	3	20	30
	24-ST-358	PRACTICAL PAPER II	2	3	20	30
	24-ST-359	PRACTICAL PAPER III	2	3	20	30
	24-ST-3510	TURBO C (PRACTICAL COURSE)	2	3	20	30
	24-ST-3511	INTRODUCTION TO SQL(PRACTICAL COURSE)	2	3	20	30
SEMESTER VI						
6	24-ST-361	DISTRIBUTION THEORY – II	2	3	20	30
	24-ST-362	TESTING OF HYPOTHESES	2	3	20	30
	24-ST-363	SAMPLING THEORY	2	3	20	30
	24-ST-364	INTRODUCTION TO SURVIVAL ANALYSIS	2	3	20	30
	24-ST-365(A)	ACTUARIAL STATISTICS	2	3	20	30
	24-ST-365(B)	OPERATION RESEARCH II	2	3	20	30
	24-ST-366(A)	STOCHASTICS PROCESSES	2	3	20	30

6	24-ST-367	PRACTICAL PAPER IV	2	3	20	30
	24-ST-368	PRACTICAL PAPER V	2	3	20	30
	24-ST-369	PROJECT (EQUIVALENT TO 12 PRACTICALS)	2	3	20	30
	24-ST-3610	INTRODUCTION TO PYTHON(PRACTICAL COURSE)	2	3	20	30
	24-ST-3611	DATA ANALYTICS (PRACTICAL COURSE)	2	3	20	30