

Name of the Teacher: Mrs Smriti Rekha Doley

Semester: ODD & EVEN

Class/Semester	Title & Code of The Paper Allotted (Credit)	Method of Teaching	Teaching Material	Unit	Topic	Period/ Hours Required	Details of the Contents	Remarks / Books
SemII	STSMI-021 (Cr-04)	Lecture,	Textbook,	IV	Mathematical	12	Mathematical	Fundamentals of mathematical statistics, S.C gupta & V.K Kapoor
SemII	STSMI-021 (Cr-04)	Lecture, Discussion	Textbook, Diagrams, Models	III	Random variables, Expectation & generating function	11	Discrete and continuous Expectation and moment, chebyshev's inequality and boole's inequality, mgf, cgf, pgf	Fundamentals of mathematical statistics, S.C gupta & V.K Kapoor
SemII	STSMU-021 (Cr-04)		Textbooks, Diagrams	III	Sample survey	10	Population and sample, judgement sampling, probability sampling	Fundamentals of Applied Statistics VK Kapoor
SemIII	STSMI-031 (Cr-04)		Textbooks, Diagrams	I	Probability distributions	10	PLimit law, WLLN, SLLN	Fundamentals of Applied Statistics VK Kapoor
SemIII	COMMI-03 (Cr-06)		Textbooks	I, IV	Central Tendency, Time series	7	Central Tendency, Mean median mode	Business statistics
SemIII	STSMU-031 (Cr-03)	Lecture & Boardwork Class Interaction	Textbooks, Diagrams	I	Descriptive statistics	25	Measures of central Tendency & Dispersion	Fundamentals of Applied Statistics
SemIV	STSMI-044 (Cr-04)	Lecture, Boardwork	Textbooks, charts	III	Statistical Inference	7	Likelihood ratio test, properties of likelihood ratio test	Fundamentals of Applied Statistics
SemIV	STSMI-041 (Cr-04)	Lecture & Discussion	Textbooks, charts	I, II, III, IV	Statistical Inference	45	Estimation, Null & Alternative hypothesis, Non parameter test	Fundamentals of Applied Statistics

SemV	STSMI-051 (Cr-04)	Lecture& Problem- solving	Textbooks		Samplesurvey&official statistics	45	SRS,MoSPI,CSO,NSSO	Sampling Techniques
SemV	STSMJ-052 (Cr-04)	Lecture& Notes	Textbooks		Experimental design	15	CDR,LSD,RSM	Fundamentals ofApplied statistics
SemV	STSMJ- 054(Cr-04)	Lecture &Notes	Textbooks		Statistical Qualitycontrol	31	Qualitycontrol chart,X-bar,R- Chart,X-bar	Fundamentals ofApplied Statistics
SemVI	STSMI-061 (Cr-04)	Lecture	Textbooks books		Demography&Timeseries	45	Demographic method, Measurementof fertility& Mortality	Fundamentals ofApplied Statistics