

Name of the Teacher: Dr. Bonoshree Saikia

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
Sem II (Even)	Data Analytics using R Programming (STSSK-021) (3 Cr.)	Lecture, Blackboard Laptop	Textbook, Notes	I, II, III	R Programming	45	Introduction to R Computing Descriptive statistics, Correlation and Regression using R.	Jeeva Jose(2019): Beginners Guide for Data Analysis using R Programming, Khana Publishing.
Sem II (Even)	Introduction to Probability (STSMU-021) (2 Cr.)	Lecture, Blackboard Discussions	Textbook, Notes	II	Probability	30	Probability	Gupta, S.C. Kapoor, V.K.
Sem IV (Even)	Mathematical Analysis (STSMJ-043) (4 Cr.)	Lecture, Blackboard Discussions	Textbook, Notes	All	Numerical analysis	75	Numerical analysis, Sequences and their convergence	Gupta P.P. & Malik G.S. (1980): Calculus of Finite Differences & Numerical Analysis, Krishna Prakashan Mandir.
Sem VI (Even)	Statistical Computing Using C Programming Stats(STSMJ-062) (4 Cr.)	Lecture, Blackboard Discussions	Textbook, Notes	All	C programming	75	Introduction to C and C programming for statistical computing	Kernighan, B.W. and Ritchie, D. (1988): C Programming Language, 2ndEdition,Prentice Hall.
Sem VI (Even)	Multivariate analysis (STSMJ-063) (4 Cr.)	Lecture & Notes	Textbook, Notes	All	Multivariate Analysis	75	BVN, MND, Estimation and Hypothesis Testing	Anderson, T.W. (2003): An Introduction to Multivariate Statistical Analysis,

								3 rd Edn., John Wiley
Sem I (Odd)	Data Analytics using R Programming (STSSK-011) (3 Cr.)	Lecture, Blackboard Laptop	Textbook, Notes	I, II, III	R Programming	45	Introduction to R Computing Descriptive statistics, Correlation and Regression using R.	Jeeva Jose(2019): Beginners Guide for Data Analysis using R Programming, Khana Publishing.
Sem III (Odd)	Descriptive Stats (STSMI-031) (2 Cr.)	Lecture, Blackboard Discussions	Lecture, Blackboard Discussions	I, IV	Statistical Methods	30	Descriptive Statistics, Theory of Attributes	Gupta, S.C. Kapoor, V.K.
Sem III (Odd)	Basic Statistics (STSMU-031) (2 Cr.)	Lecture, Blackboard Discussions	Textbooks, Blackboard Discussions	II, III	Theoretical Distributions	30	Probability, Sample Survey	Gupta, S.C. Kapoor, V.K.
Sem III (Odd)	Business Statistics (STSMJ-033) (2 Cr.)	Lecture & Notes	Textbooks	I	Probability, Regression Analysis	45	Probability, Regression Analysis	Business Statistics, M.K. Bhowal,
Sem V (Odd)	Time Series (STSMJ-053) (2 Cr.)	Lecture & Notes	Textbooks, Blackboard Discussions	III	Time Series	15	Time Series	Mukhopadhyay P.