



M.Sc Statistics
Curriculum (Both Online and Offline)
2018 Regulations

I SEMESTER						
S.No	Sub. Code	Title of Subject	L	T	P	C
1	HMMS18001	Real Analysis & Linear Algebra	4	0	0	4
2	HMMS18002	Probability and Distributions	4	0	0	4
3	HMMS18003	Sampling Techniques	4	0	0	4
4	HMMS18004	Statistical Inference I	4	0	0	4
TOTAL			16	0	0	16

II SEMESTER						
S.No	Sub. Code	Title of Subject	L	T	P	C
1	HMMS18005	Statistical Quality Control and Reliability	4	0	0	4
2	HMMS18006	Trend Analysis and Index numbers	4	0	0	4
3	HMMS18007	Numerical Methods	4	0	0	4
4	HMMS18008	Statistical Inference II	4	0	0	4
TOTAL			16	0	0	16



III SEMESTER						
S.No	Sub. Code	Title of Subject	L	T	P	C
1	HMMS18009	Design of Experiments	4	0	0	4
2	HMMS18010	Advanced Optimization Techniques	4	0	0	4
3	HMMS18EXX	Elective I	4	0	0	4
4	HMMS18EXX	Elective II	4	0	0	4
TOTAL			16	0	0	16

IV SEMESTER						
S.No	Sub. Code	Title of Subject	L	T	P	C
1	HMMS18011	Stochastic Processes and Applications	4	0	0	4
2	HMMS18012	Multivariate Analysis and Non parametric methods	4	0	0	4
3	HMMS18EXX	Elective III	4	0	0	4
4	HMMS18L01	Project	0	0	15	15
TOTAL			12	0	15	27



LIST OF ELECTIVES						
S.No	Sub. Code	Title of Subject	L	T	P	C
1	HMMS18E01	Data Mining	4	0	0	4
2	HMMS18E02	Applied Regression Analysis	4	0	0	4
3	HMMS18E03	Survival Analysis	4	0	0	4
4	HMMS18E04	Statistics and Econometrics	4	0	0	4
5	HMMS18E05	Vital Statistics	4	0	0	4

Total No. of credits: 75