



DEPARTMENT OF STATISTICS MADRAS CHRISTIAN COLLEGE
List of Papers offered in M. Sc. Statistics (Choice Based Credit System)
For candidate joining from June - 2011 and there after

S. No	Subject Code	Title of the Paper	Hours/ Week	Marks		Credits
				CA	ESE	
First Semester						
1.	M8-STM-1.1	Real and Complex Analyses	6	50	50	4
2.	M8-STM-1.2	Measure Theory	6	50	50	4
3.	M8-STM-1.3	Optimization Techniques	6	50	50	5
4.	M8-STE-1	Object Oriented Programming with C++	6	50	50	5
5.	M8-STP-1	Practical - I	6	50	50	4
Second Semester						
6.	M8-STM-2.1	Probability Theory	6	50	50	4
7.	M8-STM-2.2	Distribution Theory	6	50	50	4
8.	M8-STM-2.3	Linear Models and Design of Experiments	6	50	50	5
9.	M8-STE-2	Visual Basic	5	50	50	5
10.	M8-STP-2	Practical - II	5	50	50	4
		Soft Skill (B/C)*	2	25+25	-	2+2
Third Semester						
11.	M8-STM-3.1	Multivariate Analysis	6	50	50	4
12.	M8-STM-3.2	Sampling Theory	6	50	50	4
13.	M8-STM-3.3	Theory of Estimation	6	50	50	5
14.	M8-STE-3	Stochastic Processes	5	50	50	5
15.	M8-STP-3	Practical - III	5	50	50	4
		Soft skill (A)*	2	50	-	4
Fourth Semester						
16.	M8-STM-4.1	Statistical Quality Control	6	50	50	5
17.	M8-STM-4.2	Testing Statistical Hypothesis	6	50	50	5
18.	M8-STE-4#	Optional Paper	6	50	50	5
19.	M8-STP-4	Practical - IV	6	50	50	4
20.	M8-STM-PRJ	Project and Viva-voce	6	50	50	5
		TOTAL		1000	1000	98
Internship (Between II and III Semesters)						2
Overall Total						100

List of Elective Papers to be Offered in the Fourth Semester:

M8-STE-4.1	Reliability Theory
M8-STE-4.2	Formal Languages and Automata Theory
M8-STE-4.3	Data Mining Concepts and Techniques
M8-STE-4.4	Statistical Pattern Recognition

* Soft skill:

- A - Personality Enrichment [Mandatory - 4 credits]
- B - Communication and Language skills [any one of E, F, G - 2 credits]
 - English(E), French(F), German(G)
- C - Career coping skills [any one of CS, PR, QA - 2 credits]
 - Computer Skill(CS)
 - Public Relations(PR)
 - Quantitative Aptitude(QA)