1	Syn	phiosis College of Arts and Comme	orco
ू ∥ वसुधेव कुटुम SYMBIC	वकम्॥ (An A	Symbiosis College of Arts and Commerce (An Autonomous College under Savitribai Phule Pune University)	
Subject code		Semester I II III IV V VI M.Com. I	II III IV
Title of Subject		S.Y.B. Com with Specialization in Accounting and Finance	
		Honours – Core III Title: Decision making using Statistical Techniques	
coordinating large complex projects.			Shitoning and
		Detailed syllabus	
Unit	Contents of the syllabus		Number of Lectures
1.	Theory of probability		
	1.1 Permutation and combination		
	1.2 Basic probability rules		
	1.3 Joint and marginal probability		14
1.4 Conditional probability		-	
	1.5 Analyzing data on excel		
2.	Decision Theory 2.1 Meaning and Scope		
	2.2 Decision under risk and uncertainty		
	2.3 Expected values142.4 Pay off tables142.5 Decision Tree14		14
			14
	2.6 Analyzing dat	a on excel	
3.	Business Forecasting		
	3.1 Meaning, Ob	3.1 Meaning, Objective and characteristics	
	3.2 Time Series A	•	12
	3.3 Association of Attributes		
	3.4 Analyzing dat	a on excel	
<u> </u>	Project Management		
	4.1 Network Analysis		14
4.	4.2 Project time – cost trade off.		
	4.3 Analyzing data on excel		
	Total Number of L	lectures	54
Suggested Reference Books			
1. Operations Research problems and solutions - V.K. Kapoor			
2. Statistics (Theory, methods and application) – D.C. Sancheti & V.K. Kapoor			

Business Mathematics Theory and Application – J.K. Sharma
 Mathematics and Statistics for management – P.K.Mittal, Dr.B.G.Sathyaprasad, M.K.Pradeep Kumar Rao
 Learn the various techniques of decision making under risk and uncertainty.
 To analyze and form a strategy under risk and uncertainty.
 Learn the scheduling and cost control, under network analysis and cost trade off.