

NAME OF THE DEPARTMENT: COMMERCE			
COURSE DIRECTOR: PROF CYRIL e mail : cyril@sjc.ac.in			
	Course Title	Credits	Hours
Fee:4000 INR	FINANCIAL MODELLING	2	60
Objective:			
<ul style="list-style-type: none"> ☞ To understand excel functions in a spread sheet to make the data easier to identify and explain. ☞ Finding solutions to complicated problems involving spreadsheet data and formulas. 			
Course Contents			
Unit 1	GETTING ACQUAINTED WITH EXCEL	15Hours	
Introduction to Excel, various ribbons, creating basic workbook, autofill, copying & pasting formulas, Selecting Ranges, name ranges, Columns and rows,Using what-if analysis- Using Data Tables, Using Scenario Manager, Using Goal Seek. Using Logical Functions (IF AND OR). Using Lookup Functions, Text Functions,			
Unit 2	STATISTICAL APPLICATIONS	15 Hours	
Calculation of Mean median, Standard Deviation, variance and Correlation, Histogram. Evaluating Investments by Using Net Present Value Criteria, Internal Rate of Return. Goal seek function. Creating worksheet charts,Creating a PivotChart, Using Slicers, Macros and its application			
Unit 3	PORTFOLIO CONSTRUCTION	15 Hours	
Calculation of individual stock return and risk, Portfolio risk and return, construction of optimum portfolio using Markowitz model, Calculation of BETA.			
SELF PRACTICE:			15 Hours
References:			
<ul style="list-style-type: none"> • Microsoft Excel 2016 – Data Analysis and Business Modeling by Wayne L. Winston, PHI Learning Pvt Ltd. • Advanced excel Essentials by Jordon (2014) Apress 			