

Sacred Heart College (Autonomous)

Department of Commerce

Master of Commerce [Finance and Taxation]

Course plan

Academic Year: 2018-19

Semester IV

PROGRAMME	Master of Commerce	SEMESTER	IV
COURSE CODE AND TITLE	16P4COMT16EL1 Advanced Cost Accounting	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Sanu Varghese		

COURSE OBJECTIVES
To understand the process costing concepts, inter process profit and equivalent production so that logical decision can be taken
To identify the role of CVP Analysis and apply the marginal costing principles in decision making situations of businesses
To understand the concepts of standard costing and managerial uses of variance analyses and apply cost control through it.
To understand the concept of various budget and apply budgetary control in business situation
To know the application of cost control techniques
To learn about the higher application of cost accounting techniques and methods

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I – Process costing				
1	Discussion and Illustration: Process costing – Process accounts	PPT/Lecture/ problem solving	Q & A Session	
2	Discussion and Illustration: Process losses	PPT/Lecture/ problem solving		
3	Discussion and Illustration: Abnormal loss and its treatment	PPT/Lecture/ problem solving		
4	Discussion and Illustration: Abnormal Gain and its treatment	PPT/Lecture/ problem solving		
5	Discussion and Illustration : Process accounts with Normal loss , Abnormal loss and abnormal Gain and its treatment	PPT/Lecture/ problem solving		
6	Discussion and Illustration : Process accounts with Normal loss , Abnormal loss and abnormal Gain and its treatment	PPT/Lecture/ problem solving		
7	Discussion and Illustration : Process accounts with Normal loss , Abnormal loss and abnormal Gain and its treatment	PPT/Lecture/ problem solving		
8	Discussion and Illustration : Process accounts with Normal loss , Abnormal loss and abnormal Gain and its treatment	PPT/Lecture/ problem solving		
9	Discussion and Illustration : Process accounts with Normal loss , Abnormal loss and abnormal Gain and its treatment	PPT/Lecture/ problem solving		
10	Inter process profit	PPT/Lecture/ problem solving		
11	Inter process profit	PPT/Lecture/ problem solving		
12	Inter process profit	PPT/Lecture/ problem solving	Discussion	
13	Equivalent production- FIFO method	PPT/Lecture/ problem solving		
14	Equivalent production- FIFO method	PPT/Lecture/ problem solving		
15	Equivalent production- LIFO method	PPT/Lecture/ problem solving		
16	Equivalent production	PPT/Lecture/ problem solving		

17	Equivalent production	PPT/Lecture/ problem solving		
18	Equivalent production- SIMPLE AVERAGE method	PPT/Lecture/ problem solving		
19	Equivalent production- SIMPLE AVERAGE method	PPT/Lecture/ problem solving		
20	Equivalent production- WEIGHTED AVERAGE Method	PPT/Lecture/ problem solving		
21	Equivalent production- WEIGHTED AVERAGE Method	PPT/Lecture/ problem solving		
22	Equivalent production- WEIGHTED AVERAGE Method	PPT/Lecture/ problem solving		
MODULE II- Marginal costing				
23	Lecture: Marginal Costing- Meaning-Definition	PPT/Lecture/ problem solving	Q & A Session	
24	Difference between Marginal costing and Absorption costing and differential costing	PPT/Lecture/ problem solving		
25	Lecture: Advantages and disadvantages of marginal costing	PPT/Lecture/ problem solving		
26	Discussion and Illustration: Cost Volume Profit analysis	PPT/Lecture/ problem solving		
27	Problems of composite BEP	PPT/Lecture/ problem solving		
28	CIA-1			
29	Discussion and Illustration:-Break Even Analysis	PPT/Lecture/ problem solving		
28	Discussion and Illustration: P/V Graph	PPT/Lecture/ problem solving		
29	Discussion and Illustration: Cost Volume Profit analysis	PPT/Lecture/ problem solving		
30	Discussion and Illustration: Simple break even chart	PPT/Lecture/ problem solving		
31	Discussion and Illustration: Simple break even chart	PPT/Lecture/ problem solving		

32	Decision making – high demand and low demand problems	PPT/Lecture/ problem solving		
33	Decision making –merging of plants	PPT/Lecture/ problem solving		
34	Discussion and Illustration: Export order	PPT/Lecture/ problem solving		
35	Discussion and Illustration: Key factor	PPT/Lecture/ problem solving		
36	Discussion and Illustration:-Make or buy	PPT/Lecture/ problem solving	Quiz	
37	Discussion and Illustration: Product mix	PPT/Lecture/ problem solving	Q & Ans Session	
38	Discussion and Illustration ; Sales mix	PPT/Lecture/ problem solving		
39	Discussion and Illustration; cost indifference point	PPT/Lecture/ problem solving	Q & Ans Session	
40	Discussion and Illustration: shut down point	PPT/Lecture/ problem solving		
MODULE III Budgetary control				
41	Lecture: Budget and budgetary control-Meaning and definition-	PPT/Lecture/ problem solving	Q & A Session	
42	Lecture: Objectives of budgetary control	PPT/Lecture/ problem solving		
43	Lecture: advantages and disadvantages of budgetary control	PPT/Lecture/ problem solving		
44	Forecast and budget	PPT/Lecture/ problem solving		
45	Lecture:-Preliminaries for the installation of a system of budgetary control- Budget centre-Budget manual-Budget committee	PPT/Lecture/ problem solving		
46	Discussion and Illustration: :-Preparation of cash budget	PPT/Lecture/ problem solving		
47	Discussion and Illustration: :-Preparation of cash budget	PPT/Lecture/ problem solving		
48	Discussion and Illustration: Preparation flexible budget	PPT/Lecture/ problem		

		solving		
49	Discussion and Illustration: Preparation flexible budget	PPT/Lecture/ problem solving		
50	Discussion and Illustration: Preparation flexible budget	PPT/Lecture/ problem solving		
51	Discussion and Illustration: Preparation flexible budget	PPT/Lecture/ problem solving		
52	Discussion and Illustration: Preparation flexible budget	PPT/Lecture/ problem solving		
53	Discussion and Illustration:-Zero base budgeting	PPT/Lecture/ problem solving		
54	Discussion and Illustration:- Performance budgeting	PPT/Lecture/ problem solving		
55	Discussion and Illustration:- Performance budgeting	PPT/Lecture/ problem solving		
Module IV standard costing				
56	Standard Cost – Meaning and definition	PPT/Lecture/ problem solving	Q & A Session	
57	Standard costing as a control process	PPT/Lecture/ problem solving		
58	Types of standards- Variance	PPT/Lecture/ problem solving		
59	Process of Standard Costing	PPT/Lecture/ problem solving		
60	Advantages and limitations of Standard costing	PPT/Lecture/ problem solving		
61	Material Cost Variance- Price variance –	PPT/Lecture/ problem solving		
62	usage variance – Mix variance – yield Variance	PPT/Lecture/ problem solving		
63	Labour Cost variance – Labour rate variance	PPT/Lecture/ problem solving		
64	Labour hour variance – Labour mix variance	PPT/Lecture/ problem solving		
65	Idle time variance	PPT/Lecture/		

		problem solving		
66	overhead variances	PPT/Lecture/ problem solving		
67	overhead variances	PPT/Lecture/ problem solving		
68	overhead variances	PPT/Lecture/ problem solving		
CIA – II				
69	Sales variance	PPT/Lecture/ problem solving		
70	Sales variance	PPT/Lecture/ problem solving		
71	advantages and limitations of standard costing	PPT/Lecture/ problem solving		
MODULE V				
72	Cost accounting system-cost ledger accounting	PPT/Lecture/ problem solving	Q & A Session	
73	Cost accounting system-cost ledger accounting	PPT/Lecture/ problem solving		
74	Cost accounting system-cost ledger accounting-Problems	PPT/Lecture/ problem solving		
75	Cost accounting system-cost ledger accounting-Problems	PPT/Lecture/ problem solving		
76	Cost accounting system-cost ledger accounting-Problems	PPT/Lecture/ problem solving		
77	Cost accounting system-cost ledger accounting-Problems	PPT/Lecture/ problem solving		
78	Integral accounting	PPT/Lecture/ problem solving		
79	Integral accounting	PPT/Lecture/ problem solving		
80	Integral accounting	PPT/Lecture/ problem solving		
81	Integral accounting	PPT/Lecture/ problem		

		solving		
82	Revision			
83	Revision			
84	Revision			
85	Revision			
86	Revision			
87	Revision			
88	Revision			
89	Revision			
90	Revision			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	4/2/2018	Prepare statement of Equivalent production and other accounts as per various methods
2	15/3/2018	Decision making problems under various situations

1. REFERENCE BOOKS

1. ***Advanced cost accounting, M.L.Agarwal, Sahitya bhavan, Agra.***
2. ***Advanced cost accounting, SN.Maheswari & Mittal.***
3. ***Cost and management accounting, MN.Arora, Himalaya Publishing House.***
4. ***Advanced cost accounting, Gowda, Himalaya Publishing House.***
5. ***Advanced cost accounting, Nigam & Sharmma.***
6. ***Advanced cost accounting, NK.Prasad.***
7. ***Cost and Management accounting, SN.Maheswari.***
8. ***Advanced cost accounting, SP.Iyengar.***
9. ***Advanced cost accounting, Saxena & Vasisht.***
10. ***Advanced Cost Accounting, S.P.Jain & K.L.Narang; Kalyani Publishers***

COURSE PLAN

PROGRAMME	MASTER OF COMMERCE	SEMESTER	4
COURSE CODE AND TITLE	16P4COMT17EL1 AND DIRECT TAX - ASSESSMENT AND PROCEDURES	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	DR. SAJOY P.B		

COURSE OBJECTIVES

To understand the procedure of computation of income under the head income from other sources.
To understand about aggregation of deemed income and deductions under Chapter VI A.
To know about various Income Tax Authorities and a brief introduction to TARC and GAAR.
To understand about assessment procedure and various types of assessments and a brief study on TDS, TCS and TAN.
To get a working knowledge about assessment of individuals and companies and computation of tax.

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I Introduction				
1	Module 1 – introduction Assessment and computation of tax	Online Lecture, presentation	video	
2	Assessment and computation of tax of firms	Online Lecture, presentation		
3	Assessment and computation of tax of firms	Online Lecture, presentation		
4	Assessment and computation of tax of AOP	Online Lecture, presentation	Group discussion	
5	Assessment and computation of tax of AOP	Online Lecture, Discussion		
6	Assessment and computation of tax of BOI	Discussion, Flipped classroom		
7	Assessment and computation of tax of BOI	Discussion, Flipped classroom		
8	Assessment and computation of tax of Companies	Discussion, Flipped classroom		
9	Assessment and computation of tax of	Discussion,		

	Companies	Flipped classroom		
10	MAT	Online Lecture, seminar, discussion		
11	MAT	Online Lecture, seminar, discussion		
12	Review	Online Lecture, seminar, discussion		
13		Online Lecture, seminar, discussion		
14	Review	Online Lecture, seminar, discussion		
Module 2 - Assessment procedures				
15	Assessment procedures	Blended learning		
16	Assessment procedures	Blended learning		
17	Return	Blended learning		
18	Return	Online Lecture, seminar, discussion		
19	Types of return	Online Lecture, presentation		
20	Types of return	Online Lecture, presentation		
21	Types of return	Online Lecture, presentation		
22	Due dates for filing returns	Online Lecture, presentation		
23	Defective return	Online Lecture, presentation		
24	Defective return	Online Lecture, presentation		
25	Interest for default	Blended learning		
26	Interest for default	Blended learning		
27	PAN	Online Lecture, presentation		
28	PAN	Online Lecture, presentation		
29	Types of assessment	Online Lecture, presentation		

30	CIA I			
31	Types of assessment	Online Lecture, presentation		
32	TRP	Online Lecture, presentation		
33	TRP	Online Lecture, presentation		
34	Rectification of mistakes	Online Lecture, presentation		
35	Rectification of mistakes.	Online Lecture, presentation		
Module 3 -Income tax authorities				
36	Income tax authorities	Online Lecture, presentation	Quiz	
37	Income tax authorities	Online Lecture, presentation		
38	Powers	Online Lecture, presentation		
39	Powers	Online Lecture, presentation		
40	Deduction and collection of tax at source	Online Lecture, presentation	Case study	
41	Deduction and collection of tax at source	Online Lecture, presentation		
42	Advance payment of tax	Online Lecture, presentation		
43	Advance payment of tax	Flipped classroom		
44	Refund of tax	Flipped classroom Discussion		
45	Refund of tax	Flipped classroom Discussion		
46	Survey search and seizure-appeals	Online Lecture, presentation		
47	Survey search and seizure-appeals	Online Lecture, presentation		
48	Survey search and seizure-appeals	Online Lecture, presentation		
49	Revision	Online Lecture, presentation		
50	Revision	Online Lecture, presentation		

51	Penalties and offences	Online Lecture, presentation		
52	Penalties and offences	Online Lecture, presentation	e- resource	
53	Penalties and offences	Online Lecture, presentation		
54	Double taxation.	Online Lecture, presentation	e- resource	
Module 4 International Taxation				
55	International Taxation Basic concepts of International Taxation	Demonstration, Discussion		
56	International Taxation Basic concepts of International Taxation	Demonstration, Discussion		
57	Transfer Pricing	Discussion	Quiz	
58	General Anti-Avoidance Rules (GAAR) – concept and application	Online Lecture, presentation		
59	General Anti-Avoidance Rules (GAAR) – concept and application	Online Lecture, presentation		
60	Advance Pricing Agreement (APA) concept and application	Online Lecture, presentation		
61	Advance Pricing Agreement (APA) concept and application	Lecture, Seminar		
62	Review	Lecture, Seminar		
63	Review		Quiz	
Module 5-Tax planning				
64	Module 5Tax planning	Lecture, Discussion		
65	Tax avoidance	Lecture, Seminar		
66	Tax evasion	Lecture, Seminar		
67	Tax management	Online Lecture, presentation		
68	Need of tax planning	Lecture, Seminar		
69	Tax planning based on residential status	Online		

		Lecture, presentation		
70	Tax planning for salaried assessee	Lecture, Discussion		
71	Tax planning for income from house property	Lecture, Seminar		
72	Tax planning for business and profession	Lecture, Seminar		
73	Tax planning for capital gain	Lecture, Discussion		
74	Tax planning for income from other sources	Lecture, Seminar		
75	Tax planning for individuals	Lecture, Seminar		
76	Tax planning for firms	Demonstration, Discussion		
77	CIA II			
78	Limitations of tax planning.	Online Lecture, presentation		
79	Revision and question paper discussion			
80	Revision and question paper discussion			
81	Revision and question paper discussion			
82	Revision and question paper discussion			
83	Revision and question paper discussion			
84	Revision and question paper discussion			
85	Revision and question paper discussion			
86	Revision and question paper discussion			
87	Revision and question paper discussion			
88	Revision and question paper discussion			
89	Revision and question paper discussion			
90	Revision and question paper discussion			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	2/3/2019	Need Textbook assignments- Problem solving, Workbooks, Problems, Textbook assignments
2	28/2/2019	Problems

GROUP ASSIGNMENTS/ACTIVITES – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	5/2/2019	Computation of tax for a case

References

1. Income tax law and practice, Dr.H.C.Mehrotra&Goyal, Sahityabhavan, Agra.
2. Direct tax law and practice, V.K.Singhaniya, Tax man publications.
3. Income tax law and practice, BS.Raman, United publishers,
4. Direct taxes, Bhagavathi Prasad, Viswaprakasan.
5. Direct Taxes-BB.Lal
6. Direct Tax law and practice, AP.Philip, Soba Publications.
7. Income tax law and practice ,Geethkrishnapai R.
8. Income tax law and practice, B.Bhattacharya.

COURSE PLAN

PROGRAMME	MASTER OF COMMERCE	SEMESTER	4
COURSE CODE AND TITLE	16P4COMT18EL1 INTERNATIONAL FINANCIAL MANAGEMENT	CREDIT	3
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	FR TOMY P P		

COURSE OBJECTIVES

To understand the basics of international financial system
To familiarise in brief the history of international monetary system
To familiarise the theories of international finance
To examine the advantages and disadvantages of FDI and FPI in India
To evaluate the global regulatory environment
To examine the various alternatives of financing global business

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I				
1	Introductory Session	PPT/LECTURE		
2	International finance – meaning, nature	PPT/LECTURE	Video	
3	International finance –importance	PPT/LECTURE		
4	International trade and payments	PPT/LECTURE		
5	International trade and payments	PPT/LECTURE		

6	Balance of payment	PPT/LECTURE		
7	Balance of payment	PPT/LECTURE		
8	Components of balance of payment	PPT/LECTURE		
9	Balance of payment deficits	PPT/LECTURE		
10	Reasons for Balance of payment deficits	PPT/LECTURE		
11	Remedies for Balance of payment deficits	PPT/LECTURE		
12	Recent trends in international finance.	PPT/LECTURE		
13	Revision			
MODULE II				
14	International monetary system	PPT/LECTURE		
15	International monetary system	PPT/LECTURE		
16	gold standard	PPT/LECTURE		
17	Brettenwood system	PPT/LECTURE		
18	Brettenwood system - afterwards	PPT/LECTURE		
19	Fixed parity system	PPT/LECTURE		
20	Smithsonian arrangement	PPT/LECTURE		
21	Exchange rate regime since 1973	PPT/LECTURE		
22	Exchange rate regime since 1973	PPT/LECTURE		
23	Floating system	PPT/LECTURE	DISCUSSION	
24	international liquidity	PPT/LECTURE		
25	international liquidity	PPT/LECTURE		
26	creation of SDR	PPT/LECTURE		
27	IMF funding facility	PPT/LECTURE		
28	IMF funding facility	PPT/LECTURE		
29	European monetary system	PPT/LECTURE		
30	European monetary system	PPT/LECTURE		
31	Money and banking institutions in the international markets	PPT/LECTURE		
32	Money and banking institutions in the international markets	PPT/LECTURE		
33	Money and banking institutions in the international markets	PPT/LECTURE		
34	Revision			
35	I IAT			
MODULE III				
36	Parity conditions in international finance - Introduction	PPT/LECTURE		
37	currency forecasting	PPT/LECTURE		
38	currency forecasting	PPT/LECTURE		
39	arbitrage	PPT/LECTURE		
40	arbitrage	PPT/LECTURE		
41	law of one price	PPT/LECTURE		
42	PPP theory	PPT/LECTURE	Discussion	
43	Fisher effect	PPT/LECTURE		
44	Fisher effect	PPT/LECTURE		
45	inflation risk	PPT/LECTURE		
46	Effect of inflation risk effect on international financial markets	PPT/LECTURE		

47	Exposure to foreign exchange risk	PPT/LECTURE		
48	Exposure to foreign exchange risk	PPT/LECTURE		
49	Techniques of covering foreign exchange risk by MNCs.	PPT/LECTURE		
50	Techniques of covering foreign exchange risk by MNCs.	PPT/LECTURE		
51	Revision			
MODULE IV				
52	Meaning and Significance of International investment	PPT/LECTURE	DISCUSSION	
53	Types of International investment	PPT/LECTURE		
54	Dispersion of foreign investment	PPT/LECTURE		
55	Growth of foreign investment	PPT/LECTURE		
56	FDI	PPT/LECTURE		
57	FDI	PPT/LECTURE		
58	FPI	PPT/LECTURE		
59	Modes of FDI entry	PPT/LECTURE		
60	Theories of FDI	PPT/LECTURE		
61	FDI in India	PPT/LECTURE		
62	Hurdles for FDI in India	PPT/LECTURE		
63	Mergers and acquisitions	PPT/LECTURE		
64	Foreign investment promotion board	PPT/LECTURE		
65	Foreign investment implementation authority.	PPT/LECTURE		
66	Seminar Presentation by students			
67	Seminar Presentation by students			
68	Seminar Presentation by students			
69	Seminar Presentation by students			
70	Seminar Presentation by students			
71	Revision			
II IAT				
MODULE V				
72	Global regulatory environment - Introduction	PPT/LECTURE	Video	
73	Foreign exchange rates	PPT/LECTURE		
74	Fixed exchange rates	PPT/LECTURE	Discussion	
75	Flexible exchange rates	PPT/LECTURE		
76	Advantages and disadvantages of above systems	PPT/LECTURE	Discussion	
77	Currency convertibility	PPT/LECTURE		
78	Current account	PPT/LECTURE		
79	Capital account convertibility	PPT/LECTURE		
80	Capital account convertibility	PPT/LECTURE		
81	India's approach to convertibility	PPT/LECTURE		
82	Finance of global business	PPT/LECTURE		
83	Cash in advance	PPT/LECTURE		
84	Letter of credit	PPT/LECTURE		

85	Documentary collection	PPT/LECTURE		
86	Open account terms	PPT/LECTURE		
87	Revision			
88	Revision			
89	Revision			
90	Evaluation			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	16/2/2019	FDI In India – a critical evaluation
2	7/3/2019	Exchange rate systems around the world

GROUP ASSIGNMENTS/ACTIVITES – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	8/12/2018	A critical evaluation of operations of IMF

References

1. International Business, Francis Cherunilam, Himalaya Publishing House
2. International business, Sumathi varma, Ane books private limited.
3. International business management, S.C.Gupta, Ane books private limited.
4. International business, Subbarao, Himalaya Publishing House
5. Elements of International Business, Chary, Wiley publications.
6. International financial management, Agarwal, Himalaya Publishing House
7. International financial management, PK.Jain, Macmillain India limited
8. Global Financial Management, Anbarasu, Ane books private limited.

COURSE PLAN

PROGRAMME	MASTER OF COMMERCE (M.Com)	SEMESTER	4
COURSE CODE AND TITLE	16P4COMT19EL1: Derivatives and Risk Management	CREDIT	3
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	JAMES V GEORGE		

COURSE OBJECTIVES
To demonstrate an understanding of the uses of financial engineering and risk management approaches and techniques used by modern organisations.
To apply their knowledge of derivatives in solving problems involving financial risks including foreign exchange risk, interest rate risk, credit risk and portfolio risks.
To analyse and price diverse derivatives products to generate an optimal risk management strategy.
To demonstrate critical thinking, analytical and problem solving skills in the context of derivatives pricing and hedging practice.
To explain the binomial model and its extension in continuous time to the Black-Scholes model.
To demonstrate an understanding of pricing forwards, futures and options contracts.
To be able to decide which securities to use for hedging and/or speculative purposes.
To acquire knowledge of how forward contracts, futures contracts, swaps and options work, how they are used and how they are priced

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I				
1	Financial system- Indian financial system	Discussion	video	
2	Modern financial instruments	Lecture	Movie Clips	
3	Primary market	Discussion		
4	Secondary market	Discussion	e-resource	
5	Derivatives - introduction , Definition of Derivative , Features, Types of Derivatives	Discussion	Movie Clips	
6	Derivatives - introduction , Definition of Derivative , Features, Types of Derivatives	Discussion	Movie Clips	
7	Basic Financial Derivatives, History of Derivatives Market	Discussion	Movie Clips	
8	Use of Derivatives	Lecture	Interview	
9	Critiques of Derivatives	Discussion	Interview	
10	Traders in Derivative Markets, Factors contributing to the growth of Derivatives	Discussion	Interview	

11	Derivatives Market in India	Discussion	Interview	
MODULE II				
12	Forwards-forward prices	Discussion		
13	Continuous compounding	Lecture		
14	Currency forwards	Discussion		
15	Exchange rate quotation	Discussion		
16	Direct and indirect-bid and offer rates-spot market and forward rate	Discussion		
17	Foreign exchange risk	Discussion		
18	Hedging through forwards	Case Study		
19	Speculation	Case Study PPT/Lecture		
20	Option forward deals	Case Study PPT/Lecture		
21	Closing forward contracts	Case Study PPT/Lecture		
22	Currency forwards and banks	Case Study PPT/Lecture		
23	Advantages and disadvantages of forwards	PPT/Lecture		
24	Disadvantages of forwards	Case Study PPT/Lecture		
25	Problem Based discussions 7 Hours	Problem solving, Case Study		
26	CIA-I			
MODULE III				
27	Futures contracts	Lecture		
28	Features-delivery terms	Lecture		
29	Price and price limit	PPT/Lecture		
30	Long and short positions-open interest-uses of futures	PPT/Lecture		
31	Pricing-cost of carry model in perfect market environment and imperfect market environment	PPT/Lecture		
32	Deviations from model expectation	Lecture		
33	Model of futures pricing	Lecture		
34	Price patterns	PPT/Lecture		
35	Difference between future and forwards-	Lecture		
36	Commodity futures trading mechanism	Lecture		
37	Forward market commission	PPT/Lecture		
38	Important commodity exchanges in India	PPT/Lecture		
39	Role of futures market	PPT/Lecture		
40	Currency futures	PPT/Lecture		
41	Clearing and settlement	PPT/Lecture		
42	Margin-market to market	PPT/Lecture		
43	Use of currency futures	PPT/Lecture		
44	Stock futures	PPT/Lecture		

45	Hedging with futures	PPT/Lecture		
46	Stock futures trading in India	PPT/Lecture		
47	Stock futures trading in India	PPT/Lecture		
48	Interest rate futures	PPT/Lecture		
49-59	Problem Based discussions	PPT/Lecture		
MODULE IV				
60	Options-types	PPT/Lecture		
61	Trading-uses-currency options	PPT/Lecture		
62	Combination of options-exotic options-option pricing	PPT/Lecture		
63	Black Scholes model	PPT/Lecture		
64	Calculation of option price using put call parity dividends anticipated	PPT/Lecture		
65	Pricing of American option-binomial model of option pricing	PPT/Lecture		
66	Evolution of Swap Market - Features of Swap - Types of Financial Swaps	PPT/Lecture		
67	Currency swap, interest rate swap, equity index swap, commodity swap	PPT/Lecture		
68	Swapping through intermediaries-motivation for coupon swap-currency swaps	PPT/Lecture		
69-72	Problem Based discussions	PPT/Lecture		
73	CIA II			
MODULE V				
74	Stock Index Futures and Options	Case Study PPT/Lecture		
75	Stock Index Futures and Options	Case Study PPT/Lecture		
76	Concept - Need- Portfolio Management and Stock Index Futures	Case Study PPT/Lecture		
77	Concept - Need- Portfolio Management and Stock Index Futures	Case Study PPT/Lecture		
78	Speculation and Stock Index Futures	Case Study		
79	Speculation and Stock Index Futures	Case Study PPT/Lecture		
80	Trading of Stock Index Futures	Case Study PPT/Lecture		
81	Stock Index options Trading of Stock Index options	Case Study PPT/Lecture		
82-90	Problem Based discussions	Case Study		

INDIVIDUAL ASSIGNMENTS cum SEMINAR – Details & Guidelines

	Date of completion	Topic
1	05/01/2019	A study about the Indian Stock Market
2	18/03/2019	Presentation

REFERENCE BOOKS

1. Commodity and financial derivatives, S.Kevin, PHI Learning PVT.LTD.
2. Financial derivatives, SSS. Kumar, PHI Learning PVT.LTD.
3. Fundamentals of Financial Derivatives, Parasuraman.
4. Derivatives and financial market, Gopalakrishnan, Himalaya Publishing House
5. Fundamentals of derivatives market. Prabhullakumar.
6. Understanding futures market, Robert W Kolb, PHI Learning PVT.LTD.
7. Financial derivatives, Redhead Keith, PHI Learning PVT.LTD.
8. Options, Futures and other derivative securities, Hull John C, PHI Learning PVT.LTD.
9. Financial Institutions and Markets, Shashi. K.Gupta etc.. ; Kalyani Publishers
10. Pandey , I.M., Financial Management, Vikas Publications , New Delhi.
11. Gupta, S.L., Financial Derivatives, PHI Learning Pvt. Ltd, New Delhi.
12. Bhalla, V.K.Investment Management
13. Jayanth Rama Varma: Derivatives and Risk Management, TMH,
14. Mishra Financial Derivatives, Excel,
15. S.L. Gupta: Financial Derivatives: Theory, Concepts and Problems, Prentice Hall,
16. S.S.Kumar, Financial Derivatives, PHI,
17. David A. Dubofsky, Thoamas W Multer, TR: Derivatives Valuation and Risk
18. Management, Oxford,
19. Don M. Chance, Robert Brooks: Derivatives and Risk Management Basics, Cengage.

After this course the students are able to pass the NISM certificate examination.

COURSE PLAN

PROGRAMME	MASTER OF COMMERCE	SEMESTER	4
COURSE CODE AND TITLE	16P4COMT20EL1- SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	CREDIT	3
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	TESSA MARY JOSE		

COURSE OBJECTIVES

To understand different investment avenues, and making better decisions in investment.
To analyse the Securities and Portfolios i.e., Risk and Return and different models of Risk-Return analysis
To examine the types of risk in security market and methods to reduce risk
To equip with taking of investment decisions after understanding market efficiency and to select, revise and evaluate portfolios and also apply various tools for the valuation of bonds
To apply the modern portfolio techniques to construct efficient portfolios, revising constructed portfolios as per risk and return association by using different strategies.
To enable problem solving in Technical Analysis - Share valuation, Bond Valuation, Portfolio construction Revision and Evaluation

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITION	REMARKS
MODULE-1 INVESTMENT				
1	What is portfolio management?	Lecture		
2	Phases of portfolio management	Lecture		
3	Investment	Lecture		
4	Characteristics and objectives	Lecture		
5	Investment Vs Speculation	Lecture		
6	Investment Vs Gambling	Lecture		
7	Measurement of risk	Lecture & problems		
8	Systematic risk and unsystematic risk	Lecture & problems	Q&A	
9	Steps in investment process	Lecture		
10	Designing investment portfolio	Lecture		
11	Rational considerations	Lecture		
12	Recent trends in investments	Lecture		
13	Securitization-MWCB-ETFs	Lecture		
14	Investment avenues in present condition	Discussion		
15	Investment avenues depending upon type of investors.	Discussion		
16	Application of theory in real life situation	Discussion		
17	Daily life examples	Discussion		
MODULE-2 SECURITY ANALYSIS - FUNDAMENTAL ANALYSIS				
18	Financial market	Lecture		

19	Primary market	Lecture		
20	Methods of floating new issues	Lecture		
21	Steps in floating a public issue	Lecture		
22	Book building process	Lecture		
23	Stock exchanges	Lecture		
24	Trading system	Lecture		
25	Speculation	Lecture		
26	Stock exchange quotes and indices	Lecture & discussion	Q&A	
27	Fundamental analysis	Lecture		
28	Economic analysis	Lecture		
29	Industry analysis	Lecture		
30	Company analysis	Lecture		
31	Share valuation	Lecture & problems		
32	Share valuation models	Lecture & problems		
33	Bond valuation	Lecture & problems		
34	Bond price	Lecture & problems		
35	Bond risk	Lecture & problems		
36	Bond duration	Lecture & problems		
37	Additional problems on share valuation	Working out problems		
38	Additional problems on share valuation	Working out problems		
39	Additional problems on bond valuation	Working out problems		
40	Additional problems on bond valuation	Working out problems		
I CIA				
MODULE-3				
TECHNICAL ANALYSIS				
41	Technical Analysis	Lecture & chart		
42	Dow theory	Lecture & chart		
43	Price charts	Lecture & chart		
44	Chart patterns	Lecture & chart		
45	Moving averages	Lecture & chart		
46	MACD	Lecture & chart		
47	RSI	Lecture & chart	Q&A	
48	Technical indicators-breadth-sentiments	Lecture & chart		
49	Limitations of technical analysis	Lecture		
50	Elliot Wave theory	Lecture		
51	Mathematical indicators	Lecture & calculations		
52	Market indicators	Lecture&calculation		
53	Efficient market hypotheses	Lecture		
54	Random Walk Theory	Lecture		
55	Forms of market efficiency	Lecture		
56	Investment implications	Lecture		
57	Empirical tests	Lecture		
58	Event study methodology	Lecture		
59	EMH Vs Fundamental and Technical Analysis	Lecture		
60	Application of theory in practical life	Discussion		

61	Application of theory in practical life	Discussion		
62	Application of theory in practical life	Discussion		
63	Application of theory in practical life	Discussion		
MODULE-4 PORTFOLIO THEORY				
64	Portfolio theory	Lecture		
65	Portfolio analysis	Lecture		
66	Risk of a portfolio	Lecture		
67	Expected return of a portfolio	Lecture		
68	Measurement of risk and return of portfolio	Lecture		
69	Markowitz model	Lecture		
70	Sharpe single index model	Lecture & problems		
71	Multi index model	Lecture & problems		
72	Reduction of portfolio risk through diversification	Lecture		
73	Relating theory to practical issue	Discussion		
74	Relating theory to practical issue	Discussion		
75	Relating theory to practical issue	Discussion		
76	Relating theory to practical issue	Discussion		
II CIA MODULE-5 PORTFOLIO SELECTION				
77	Portfolio selection	Lecture		
78	Portfolio utility theory	Lecture		
79	Sharp's portfolio optimisation	Lecture		
80	Capital Asset Pricing Model (CAPM)	Lecture		
81	CML and SML	Lecture & calculations		
82	Pricing of securities with CAPM	Lecture & calculations	Q&A	
83	Portfolio Revision	Lecture		
84	Constraints in portfolio revision	Lecture		
85	Formula plans	Lecture		
86	Portfolio evaluation-meaning	Lecture		
87	Measuring portfolio return-risk adjusted return-differential return	Lecture & problems		
88	Decomposition of performance	Lecture and problems		
89	Exercise- to select the portfolio with the constraints	Discussion		
90	Exercise- to select the portfolio with the constraints	Discussion		

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Session of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	30	Fundamental Analysis (Assignment)
2	36	Share valuation and bond valuation (Assignment)
3	59	Technical analysis (Assignment)
4	88	Portfolio selection & revision (Assignment)

GROUP ASSIGNMENTS/ACTIVITIES – Details & Guidelines

	Session of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	19	Primary market and secondary market (Seminar)

REFERENCE BOOKS

1. Investment management, Bhalla VK,
 2. Security analysis and portfolio management, Avadhani, Himalaya Publishing House.
 3. Investment & security markets in India, Avdhani, Himalaya Publishing House.
 4. Security analysis and portfolio management, Jorden, Fisher.
 5. Portfolio management, Kevin.
 6. Security Analysis and Portfolio Management, Bhatt.
 7. Managing Investment, Prasanna Chandra.
 8. Investment Analysis and portfolio management, Ranganathan M.
 9. Security analysis and portfolio management Rohinisingh.
 10. Portfolio management, Barua.
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