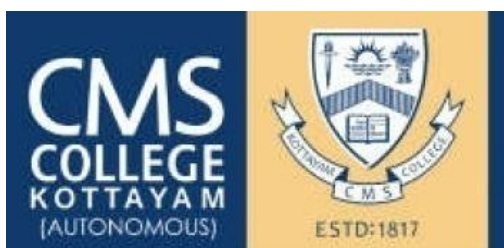


CMS COLLEGE KOTTAYAM **(AUTONOMOUS)**

Affiliated to the Mahatma Gandhi University
Kottayam, Kerala



CURRICULUM FOR POST GRADUATE PROGRAMME

MASTER OF COMMERCE

UNDER CREDIT AND SEMESTER SYSTEM (CSS)
(With effect from 2019 Admissions)

Approved by the Board of Studies on 28th March 2019

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The Board of Studies in Commerce (Post Graduate) Department of Commerce CMS College takes this opportunity to express our deep appreciation to all academicians and representatives from the industry who participated in the numerous meetings that were arranged during the year held at CMS College.

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We place on record our thanks to the members of the board of studies

Dr.Tomy Mathew
Chairman
Board of Studies

Kottayam

28.3.2019

PREFACE

In this critical juncture when the nation aspires to be the emerging global leader in various areas the demand for a highly qualified and trained workforce assumes paramount importance. The quality of this efficient workforce depends on a highly efficient and focused higher education system. The post graduate curriculum should directly address among other objectives the grooming individuals towards teaching research employment with thrust on real time needs. As in the present scenario when business and commerce has a direct impact on the livelihood of human lives around the world the quality of commerce and business education is becoming increasingly important.

A standardised curriculum in alignment with the real time needs will determine the quality of work skill that future generations will rely on. The curriculum must be able to enhance the existing frontiers of business education and throw open before students a business world which will determine their future. In this regard updating the syllabus is paramount to any autonomous academic system. The syllabus should as already mentioned have a thrust on real time needs at the same time should aspire to accommodate the inevitable changes in the business environment. This syllabus attempts to incorporate such demands at the same time give a solid foundation in commerce business accounting and finance.

REGULATIONS FOR POST GRADUATE PROGRAMMES UNDER CREDIT SEMESTER SYSTEM 2019

Preamble

CMS College Kottayam (Autonomous) was conferred with the Autonomous status as per UGC No.F.22-1/2016(AC) Dtd. 9th March 2016 and Mahatma Gandhi U.O.No.2732/VII/2016/Acad. Dtd.12th May 2016.

REGULATIONS

CMS College Kottayam (Autonomous) follows Credit Semester System (CSS) for the Post Graduate programmes from the Academic year 2019-20. The Post Graduate programmes of the college are being redesigned and revised in tune with the modifications effected at the UGC Curriculum Framework. This will be reflected in the scheme course content and mode of examination and Evaluation system. The scheme and syllabus of all the programmes are being revised accordingly. The revisions were effected based on the recommendations made at the Curriculum Revision workshops conducted for the purpose besides several sittings of the Curriculum Revision Committee.

1. TITLE

- 1.1.** These regulations shall be called “**CMS COLLEGE KOTTAYAM (AUTONOMOUS) REGULATIONS FOR POST GRADUATE PROGRAMMES UNDER CREDIT AND SEMESTER SYSTEM 2019**”

2. SCOPE

- 2.1** Applicable to all regular Postgraduate Programmes conducted by the CMS College Kottayam (Autonomous) with effect from 2019 admissions.
- 2.2** Medium of instruction is English unless otherwise stated therein.

3. DEFINITIONS

- 3.1. Academic Week** is a unit of five working days in which the distribution of work is organized from day one to day five with five contact hours of one hour duration on each day.
- 3.2. Semester** means a term consisting of **90** working days within **18** five-day academic weeks for teaching learning and evaluation.
- 3.3. Programme** means a two year programme of study and examinations spread over four semesters with a set of courses the successful completion of which would lead to the award of a degree.

- 3.4. Course** comprises a set of classes or a plan of study on a particular subject which will be taught and evaluated within a semester of a study programme.
- 3.5. Core course** means a course which should compulsorily be studied by a student as requirement in the subject of specialization within a degree programme.
- 3.6. Elective Course** means an elective course chosen from the discipline/ subject in an advanced area.
- 3.7. Credit** is the numerical value assigned to a course according to the duration of the classes or volume of the syllabus of the course.
- 3.8. Department** means any teaching department in the college.
- 3.9. Dean of Academic Affairs** is a teacher nominated by the Academic Council to coordinate the academic affairs of the college relating to academic planning curriculum implementation and review.
- 3.10. Dean of Student Affairs** is a teacher nominated by the Academic Council to coordinate the admissions grievances and other student related services.
- 3.11. Department Council** means the body of all teachers of a department in the college.
- 3.12. Department Coordinator** is a teacher nominated by a Department Council to co-ordinate the ^{1st}-Semester examination of the PG programme in that department.
- 3.13. Faculty Advisor** means a teacher from the parent department nominated by the Department Council who will advise the students of a class on academic matters.
- 3.14. Course Teacher** means a teacher who is in charge of a course. If a course is taught by more than one teacher one teacher should be assigned as course teacher nominated by the HOD. The course teacher shall be responsible for the valuation of answer scripts of examinations and other continuous assessments.
- 3.15. In-Semester Assessment (ISA)** means assessment consisting of Attendance Assignment/Seminar/Viva voce and Examination (theory and practical).
- 3.16. End Semester Assessment (ESA)** means Examination conducted at the end of each semester for all courses (theory and practical).
- 3.17. Internal Examiner** means a teacher working in the college.
- 3.18. External Examiner** means a teacher from outside the college.
- 3.19. Grace Marks** shall be awarded to candidates as per the orders issued by Mahatma Gandhi University.
- 3.20. Grade** means a letter symbol (A B C etc.) which indicates the broad level of performance of a student in a Course/ Semester/Programme.
- 3.21. Grade Point (GP)** is the numerical indicator of the percentage of marks awarded to a student in a course.
- 3.22. College Average (CA)** means average mark secured (ISA+ESA) for a course at the college level.
- 3.23.** Words and expressions used and not defined in this regulation shall have the same meaning assigned to them in the Act and Statutes of the University UGC Regulations and the Constitution of the CMS College Kottayam (Autonomous).

4. ELIGIBILITY FOR ADMISSION AND RESERVATION OF SEATS

Eligibility for admission norms for admission and reservation of seats for various Postgraduate Programmes shall be according to the regulations framed/orders issued by Govt. of Kerala Mahatma Gandhi University and CMS College Kottayam in this regard.

5. PROGRAMME STRUCTURE

5.1 The nomenclature of all PG programmes shall be as per the specifications of University Grants Commission and the Mahatma Gandhi University.

5.2 Credit Semester System (CSS) will be followed for all PG Programmes from the academic year 2019– 2020.

5.3 All the PG Programmes will be of two-year duration with four Semesters. A student may be permitted to complete the Programme on valid reasons within a period of 8 continuous semesters from the date of commencement of the first semester of the programme.

5.4 There will be three/four/five courses in each semester and one viva voce and dissertation at the end of the fourth semester.

5.5 There will be three components for the programme viz. core course elective course and project spread over four semesters.

5.6 The total credits required for completing a PG Programme is **80**.

5.7 The Syllabus for all courses in each semester has been divided into five modules based on certain thematic commonalities.

6. EVALUATION SYSTEM

- i. The evaluation scheme for each course shall contain two parts:
 - (a) In-Semester Assessment (ISA)
 - (b) End-Semester Assessment (ESA)
- ii. The proportion of ISA to ESA will be 1:3.
- iii. The marks secured for each course shall be converted as grades. The grades for different semesters and overall programme are assigned based on the corresponding semester grade point average and cumulative grade point average respectively.
- iv. A separate minimum of 40% is mandatory for both ISA and ESA to pass for every course.

6.1 EVALUATION OF THEORY COURSES

The marks allotted for theory courses in End-Semester Assessment shall be 120 and that for the In-Semester Assessment will be 40.

A. IN-SEMESTER ASSESSMENT

The In-semester assessment for theory is based on the marks obtained for Attendance Assignment Major Seminar and two Test Papers for a particular course.

(i) Attendance

Percentage of attendance	Mark
90 and above	6
85 – 89	5
80 – 84	4
76 – 79	3
75	2
Below 75	0

Maximum marks = 6

(ii) Assignment (One assignment per course)

Evaluation Component	Mark
Review of related literature	2
Content	3
Reference	2
Punctuality	1

Maximum marks = 8

(iii) Major Seminar

A student should present one Major Seminar in a Semester. The faculty advisor should allot students to the respective course teacher in a semester. The seminar topics shall be incorporated in the syllabus for each course/ declared in the beginning of each semester. The student shall prepare the seminar paper with the guidance of the course teacher. The student is expected to make a detailed presentation in a common session in the department with students and all course teachers. The student shall also make a brief conclusion including the future scope of studying the topic. The teacher in charge of the particular course has to act as the moderator for the seminar.

The course teachers of that semester shall evaluate the seminar and give marks for their course or the average mark of all the evaluators shall be taken as the seminar mark for each course of a semester.

Evaluation Component	Mark
Involvement/punctuality	1
Review of related literature	1
Content	3
Presentation	3
Interactions/ justification	1
Conclusion	1

Maximum marks = 10

(iv) Test paper

For each course two In-Semester examinations of total 16 marks shall be conducted. One of the test paper will be centralized examination of 8 marks and the remaining 8 marks will be awarded with one or more class tests conducted by the course teacher.

B. END -SEMESTER ASSESSMENT

End-Semester examinations for each course are conducted at the end of every semester with a maximum marks of 120. The examination for each course will have two components viz. descriptive test and an objective type test. Questions shall be set to evaluate the attainment of course outcomes. The question paper for each course will be generated from the Question Bank which is prepared by due mapping of Course outcomes and Program Specific Outcomes.

(i) Descriptive Test

A written examination with a maximum marks of 100 and of three hours duration will be conducted.

PATTERN OF QUESTIONS

A question paper shall be a judicious mix of short answer type short essay/problem solving type and long essay type questions.

No.	Section	Type of questions	Total Questions	Number of questions to be answered	Mark for each question	Total Marks
1	Section A	Short answer type	8	5	4	20
2	Section B (One pair should be from each module)	Short essay/problem solving type	10 (Either/or)	5	8	40
3	Section C	Long essay type	4	2	20	40
	Total		22	12	-	100

(ii) Objective Test

A Multiple Choice Objective type Test shall be a component of the End-semester examination which will be conducted in the online mode for each course. The marks obtained shall be converted into 20. The objective type examination for all courses in a semester shall be conducted in a session of one hour. The number of questions in Arts stream will be 50 and that of Science and Mathematics stream will be 40. Questions should be equally distributed among the courses in a semester. There will be four choices for each question. Each question carries 4 marks for correct answer zero marks for no answer and -1 marks for wrong answer.

6.2 EVALUATION OF PRACTICAL COURSES

Practical examination will be conducted at the end of each semester/ end of an academic year. The time of conduct of the practical examination will be decided by the respective BOS.

A. IN-SEMESTER ASSESSMENT

Evaluation Component	Mark
Attendance	6
Lab Involvement	8
Test	12
Record	8
Viva	6

Maximum Marks = 40

The components and the marks can be modified by the concerned BOS/Expert committee within the limit of maximum marks.

B. END- SEMESTER ASSESSMENT

Evaluation Component	Mark
Attendance	18
Lab Involvement	24
Test	36
Record	24
Viva	18

Maximum Marks = 120

The components and the marks can be modified by the concerned BOS/Expert committee within the limit of maximum marks.

6.3 EVALUATION OF PROJECT

An academic project work shall be done and a dissertation shall be submitted in the final semester of the programme. There will be both In semester and End semester assessment for the project work.

A. IN- SEMESTER ASSESSMENT

Evaluation Component	Mark
Relevance of the topic	5
Project content and report	15
Presentation	15
Project viva	10
Paper presentation* in Seminar/Conference or publications with ISBN/ISSN (*valid certificate to be submitted)	5

Maximum marks = 50

The components and the marks can be modified by the concerned BOS/Expert committee within the limit of maximum marks.

B. END -SEMESTER ASSESSMENT

The dissertation at the end of final Semester will be evaluated by a panel of one internal evaluator assigned by HOD and one external evaluator / a panel of two external evaluators as may be decided by the respective BOS.

Evaluation Component	Mark
Relevance of the topic	15
Project content and report	45
Presentation	45
Project viva	30
Paper presentation* in Seminar/Conference or publications with ISBN/ISSN (*valid certificate to be submitted)	15

Maximum marks = 150

The components and the marks can be modified by the concerned BOS/Expert committee within the limit of maximum marks.

6.4 EVALUATION OF COMPREHENSIVE VIVA VOCE

A comprehensive viva voce shall be done at the end of the final semester. There will be both In-semester and End-semester assessment for the viva voce examination.

A. IN - SEMESTER ASSESSMENT

Evaluation Component	Mark
+2/ UG level questions	4
PG syllabus level questions	10
Subject of interest based questions	8
Advanced level questions	3

Maximum marks = 25

The components and the marks can be modified by the concerned BOS/Expert committee within the limit of maximum marks.

B. END- SEMESTER ASSESSMENT

The comprehensive Viva Voce Examination at the end of final Semester will be evaluated by a panel of one internal evaluator assigned by HOD and one external evaluator / a panel of two external evaluators as may be decided by the respective BOS.

Evaluation Component	Mark
+2/ UG level questions	12
PG syllabus level questions	30
Subject of interest based questions	24
Advanced level questions	9

Maximum marks = 75

The components and the marks can be modified by the concerned BOS/Expert committee within the limit of maximum marks.

7. Grievance Redressal Mechanism

In order to address the grievance of students regarding In-Semester assessment a two-level Grievance Redressal mechanism is established.

Level 1: Department Level: The Department cell is chaired by the HOD Department Coordinator as member secretary and Course teacher in-charge as member. If the grievance is not redressed at the Department level the student shall report the grievance to the College Level Grievance Redressal Cell.

Level 2: College level: College Level Grievance Redressal Cell has the Vice-Principal as the Chairman Dean of Student Affairs as the Member Secretary and HOD of concerned Department as member.

8. Eligibility for End Semester Examination

A minimum of 75% average attendance for all the courses is mandatory to register for the examination. Condonation of shortage of attendance to a maximum of 10 days in a semester subject to a maximum of 2 times during the whole period of the programme may be granted by the College on valid grounds. Attendance may be granted to students attending University/College union/Co-curricular activities for the days of absence on production of participation/attendance certificates within one week from the teacher in charge of the activity and endorsed by the Dean of Student Affairs. This is limited to a maximum of 10 days per semester. Monthly Attendance report will be published in the college website on or before the 10th of every month. Those students who are not eligible even with condonation of shortage of attendance shall repeat the semester along with the next batch after obtaining readmission.

9. Promotion to the next Semester

Those students who possess the required minimum attendance and have registered for the End Semester Examination during an academic semester are promoted to the next semester.

Those students who possess the required minimum attendance and progress during an academic semester and could not register for the semester examination are permitted to apply for Notional Registration to the examinations concerned enabling them to get promoted to the next semester.

10. Eligibility for Readmissions

An additional chance of readmission will be given to those students who could not register for the examination due to shortage of attendance. Readmitted students shall continue their studies with the subsequent batch of students. If an applicant for readmission is found to have indulged in ragging or any other misconduct in the past readmissions shall be denied.

11. MARK CUM GRADE CARD

The College under its seal shall issue to the student a MARK CUM GRADE CARD on completion of each semester/programme which shall contain the following information:

- (a) Name of the College
- (b) Title of the Postgraduate Programme
- (c) Name of the Semester
- (d) Name and Register Number of the student
- (e) Date of publication of result
- (f) Code Title Credits and Maximum Marks (ISA ESA & Total) of each course opted in the semester.
- (g) ISA ESA and Total Marks awarded Grade Grade point and Credit point in each course opted in the semester
- (h) College average (CA) of the marks of all courses
- (i) The total credits total marks (Maximum & Awarded) and total credit points in the semester
- (j) Semester Grade Point Average (SGPA) and corresponding Grade.
- (k) Cumulative Grade Point Average (CGPA) and corresponding Grade.

The final Mark cum Grade Card issued at the end of the final semester shall contain the details of all courses taken during the study programme and the overall mark/grade for the total programme.

There shall be a College Level Monitoring Committee comprising Principal Vice Principal as member-secretary Dean of Academic Affairs Controller of Examinations IQAC Director and Administrative Assistant as members for the successful conduct of the scheme.

12. CREDIT POINT AND CREDIT POINT AVERAGE

Credit Point (CP) of a course is calculated using the formula:-

$CP = C \times GP$ where C is the Credit and GP is the Grade point

Semester Grade Point Average (SGPA) of a Semester is calculated using the formula:-

$SGPA = TCP/TC$ where TCP is the Total Credit Point of that semester ie $\sum_1^n C P_i$;

TC is the Total Credit of that semester ie $\sum_1^n C_i$ where n is the number of courses in that semester

Cumulative Grade Point Average (CGPA) is calculated using the formula:-

$CGPA = TCP/TC$ where TCP is the Total Credit Point of that programme ie $\sum_1^n C P_i$; TC is the Total Credit of that programme ie $\sum_1^n C_i$ where n is the number of courses in that programme

Grades for the different courses semesters and overall programme are given based on the corresponding CPA as shown below:

CPA	Grade with Indicator
4.5 to 5.0	A+ Outstanding
4.0 to 4.49	A Excellent
3.5 to 3.99	B+ Very Good
3.0 to 3.49	B Good (Average)
2.5 to 2.99	C+ Fair
2.0 to 2.49	C Marginal
Up to 1.99	D Deficient (Fail)

13. TRANSITORY PROVISION

Notwithstanding anything contained in these regulations the Principal shall for a period of six months from the date of coming into force of these regulations have the power to provide by order that these regulations shall be applied to any programme with such modifications as may be necessary.

The Principal is also authorized to issue orders for the perfect realization of the regulations.

Annexure I

(Model Mark Cum Grade Card)



CMS COLLEGE KOTTAYAM (AUTONOMOUS)
 Affiliated to Mahatma Gandhi University Kottayam
 (Autonomous College as per UGC order no.F.22-1/216(AC)dated 9th March 2016)

MARK CUM GRADE CARD

Section :
 Name of the Candidate :
 Unique Permanent Registration Number :
 Degree :
 Programme :
 Stream :
 Name of the Examination :
 Date of Publication of Result :

Course Code	Course Title	Credits (c)	Marks						Grade Awarded (G)	Grade Point (GP)	Credit Point (C x	College Average	Result
			ISA		ESA		TOTAL						
			Awarded	Maximum	Awarded	Maximum	Awarded	Maximum					

ISA - In - Semester Assessment ESA – End - Semester Assessment

SGPA:

SG:

Checked by

Section Officer

Controller of Examinations

Date:

Annexure II



CMS COLLEGE KOTTAYAM (AUTONOMOUS)

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e-mail: kottayamcmscollege@gmail.com Tel: 91-481-2566002 Fax: 91-481-2565002

Affiliated to Mahatma Gandhi University Kottayam Kerala
(Autonomous College as per UGC Order No.F.22-1/216 (AC) dated 9th March 2016)

CONSOLIDATED MARK CUM GRADE CARD

Name of the Candidate:

Unique Permanent Register Number (UPRN):

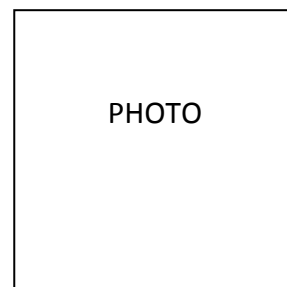
Degree:

Programme:

Stream:

Date of Birth:

Date of Eligibility for the Degree:



CMS COLLEGE KOTTAYAM (AUTONOMOUS)

Name:

UPRN:

Course Code	Course Title	Credits (C)	Marks						Grade Awarded (G)	Grade Point	Credit Point (CxGP)	College Average (CA)	Result
			ESA		ISA		Total						
			Awarded	Maximum	Awarded	Maximum	Awarded	Maximum					

Final Result

Cumulative Grade Point Average CGPA :

Semester Summary

Sl.No	Semester	Credit	SGPA	Grade	Month/year	Result
	Semester 1					
	Semester 2					
	Semester 3					
	Semester 4					

Date:

Controller of Examinations

Annexure III



(Reverse side of the Mark cum Grade Card (COMMON TO ALL SEMESTERS))

Description of the Evaluation Process

Table 1

Grade and Grade Point

The Evaluation of each Course comprises of Internal and External Components in the ratio 1:3 for all Courses.

Grades and Grade Points are given based on the percentage of Total Marks (Internal + External) as given in Table 1

(Decimals are to be rounded mathematically to the nearest whole number)

Credit point and Credit point average

Grades for the different Semesters and overall Programme are given on a 7-point Scale based on the corresponding CPA as shown in Table 2.

% Marks	Grade	GP
Equal to 88 and above	A+ Outstanding	5
Equal to 76 and < 88	A Excellent	4
Equal to 64 and < 76	B+ Very Good	3
Equal to 52 and < 64	B Good(Average)	2
Equal to 40 and below 52	C Marginal	1
Below 40	D Deficient (Fail)	0
	Ab Absent	

Table 2

Credit point (CP) of a paper is calculated using the formula **$CP = C \times GP$** where **C is the Credit; GP is the Grade Point**

Semester or Programme (cumulative) Grade Point Average of a Course/Programme is calculated using the formula

$SGPA/CGPA = \frac{TCP}{TC}$ where **TCP is the Total Credit Point; TC is the Total Credit**

CPA	Grade with Indicator
4.5 to 5.0	A+ Outstanding
4.0 to 4.49	A Excellent
3.5 to 3.99	B+ Very Good
3.0 to 3.49	B Good (Average)
2.5 to 2.99	C+ Fair
2.0 to 2.49	C Marginal
Up to 1.99	D Deficient (Fail)

NOTE

A separate minimum of 40% marks each for internal and external (for both theory and practical) are required for a pass for a course. For a pass in a programme a separate minimum of **Grade C** is required for all the individual courses. If a candidate secures **D Grade** for any one of the course offered in a Semester/Programme **only D grade** will be awarded for that Semester/Programme until he/she improves this to **C GRADE** or above within the permitted period.

CURRICULUM

GRADUATE PROGRAMME OUTCOMES (GPO) – POST GRADUATE PROGRAMMES

At the completion of the Post Graduate Programme the student will be able to accomplish the following programme outcomes.

GPO No.	Graduate Programme Outcomes	
GPO.1	Critical Thinking: Ability to engage in independent and reflective thinking in order to understand logic connections between ideas.	PSO 12356
GPO.2	Effective Communication: Development of communication skills for effectively transmitting and receiving information that focuses on acquiring knowledge problem solving improving on arguments and theories thereby paving the way for better employability and entrepreneurship.	PSO 12345
GPO.3	Social Consciousness: Acquire awareness towards gender environment sustainability human values and professional ethics and understand the difference between acting responding and reacting to various social issues.	PSO 137
GPO.4	Multidisciplinary Approach: Combining various academic disciplines and professional specializations to cross borders and redefine problems in order to explore solutions based on the new understanding of complex situations.	PSO 12345
GPO.5	Subject Knowledge: Acquiring knowledge at a higher level that would help develop the necessary skills fuel the desire to learn and contribute to the field of expertise thereby providing valuable insights into learning and professional networking with the aim of catering to the local national and global developmental needs.	PSO 1-7
GPO.6	Lifelong Learning: Understanding the necessity of being a lifelong learner for personal enrichment professional advancement and effective participation in social and political life in a rapidly changing world.	PSO 1-7

PROGRAMME SPECIFIC OUTCOMES

Sl.No	No	Programme Specific Outcomes <i>Upon completion of M.Com Degree programme the graduates will be able to</i>	Courses offered for achievement of PSO
1	PSO – 1	Prepare accounts of a corporate medium and small enterprise.	i. Advanced Financial Accounting ii. Accounting Standards & Reporting
2	PSO – 2	Take managerial decisions on the basis of accounting and costing data	iii. Advanced Cost Accounting iv. Financial Statement Analysis & Valuation
3	PSO – 3	Analyse business data and carry out business research	v. Research Methodology vi. Quantitative Techniques vii. Operations Research viii. Basic Econometrics for Business ix. Advanced Econometrics for Business
4	PSO – 4	Assess Income tax	x. Income Tax: Law and Practice xi. Income Tax: Assessment & Procedures
5	PSO – 5	Value securities and manage portfolios	xii. Security Analysis & Portfolio Management xiii. Financial Derivatives & Risk Management
6	PSO – 6	Manage corporate finance	xiv. Financial Management xv. Advanced Financial Management xvi. International Finance
7	PSO – 7	Apply management techniques in functional areas of business	xvii. Business Environment xviii. Organizational Behaviour xix. Human Resource Management xx. International Business

PROGRAMME DESIGN

The post graduate programme in Commerce is a two year programme of four semesters. There are three components for the programme namely the core course elective course and the project spread over four semesters. There are five courses in each semester one dissertation towards the end of the course and a comprehensive viva at the end of the fourth semester. There are 16 core courses and the four elective courses are spread over the third and fourth semesters. The total credits for completing a PG programme is 80.

The Course Design is given below:

SI No	COURSE TYPE	No of courses	Total credits
1	Core courses	16	61
2	Elective courses	4	14
3	Viva voce	1	2
4	Dissertation	1	3
	TOTAL	22	80

PROGRAMME STRUCTURE

Code	Semester 1	Credit	Hours/w week	Theory: Problems	Total Credits
CM1921101	Advanced Financial Accounting	4	5	40:60	20
CM1921102	Organizational Behavior	4	5	100	
CM1921103	Financial Management	4	5	80:20	
CM1921104	Quantitative Techniques	4	5	40:60	
CM1921105	Human Resource Management	4	5	100	
	Semester 2	Credit	Hours/w week		
CM1922106	Accounting Standards and Reporting	4	5	40:60	20
CM1922107	Business Environment	4	5	100	
CM1922108	Advanced Financial Management	4	5	80:20	
CM1922109	Operations Research	4	5	40:60	
CM1922110	Research Methodology	4	5	100	
	Semester 3	Credit	Hours/w week		
CM1923301	Financial Statement Analysis and Valuation (Elective)	4	5	40:60	20
CM1923111	Income Tax- Law and Practice	4	5	30:70	
CM1923112	International Business	4	5	100	
CM1923302	Security Analysis and Portfolio Management(Elective)	4	5	70:30	
CM1923113	Basic Econometrics for Business	4	5	100	
	Semester 4 -Elective Finance	Credit	Hours/w week		
CM1924114	Advanced Cost Accounting	3	5	40:60	20
CM1924115	Income Tax - Assessment and Procedures	3	5	60:40	
CM1924303	International Finance (Elective)	3	5	80:20	
CM1924304	Financial Derivatives and Risk Management (Elective)	3	5	70:30	
CM1924116	Advanced Econometrics for Business	3	5	100	
CM1924801	Project	3			
CM1924901	Viva-Voce	2			
	Total Credits				80

DETAILED SYLLABUS OF ALL COURSES

SEMESTER I

Course	Details		
Code	CM1921101		
Title	Advanced Financial Accounting		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/I		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Preparation of accounts of companies undertaking amalgamation and external reconstruction	Ap	1
2	Preparation of accounts of holding companies	Ap	1
3	Preparation of accounts at the time of liquidation of companies	Ap	1
4	Explain price level accounting	U	1
5	Ascertain correct value of financial operations and statements in accordance with inflation	Ap	1
6	Explain methods and approaches for valuation of human resources	U	1

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Accounting for takeovers and acquisitions	25	
1.1	Meaning and characteristics of amalgamation absorption external reconstruction acquisitions	2	1
1.2	Difference between amalgamation in the nature of merger and purchase	1	1
1.3	Journal entries in the books of both the vendor and purchasing companies	2	1
1.4	Accounts for Amalgamation	2	1
1.5	Calculation of value of shares	2	1
1.6	Calculation of value of goodwill	2	1

1.7	Preparation of consolidated balance sheet(advanced problems)	7	1
1.8	Treatment of intercompany holdings	3	1
1.9	Treatment of intercompany Owings	4	1
2.0	Accounts of holding companies subsidiary companies.	20	
2.1	Accounts of holding companies	1	2
2.2	Consolidated balance sheet	3	2
2.3	Minority interest	1	2
2.4	Cost of control	1	2
2.5	Pre-acquisition and post-acquisition- profit	2	2
2.6	Elimination of common transaction	1	2
2.7	Contingent liabilities	1	2
2.8	Unrealized profit	1	2
2.9	Bonus issue	2	2
2.10	Revaluation of assets and liabilities	1	2
2.11	Treatment of dividend	2	2
2.12	Debentures	2	2
2.13	Preference shares of subsidiary companies	2	2
3.0	Company Liquidation Accounts	15	
3.1	Liquidation- meaning and Types	3	3
3.2	Statement of affairs	4	3
3.3	Deficiency accounts	4	3
3.4	Liquidators final statement of accounts	2	3
3.5	Accounts of receiver for debenture holders	2	3
4.0	Accounting for Inflation	20	
4.1	Introduction to accounting for inflation	1	4
4.2	Limitations of historical accounting	2	4
4.3	Meaning of accounting for changing prices	2	4
4.4	Approaches to price level accounting	3	4
4.5	Current purchasing power accounting	3	4
4.6	Current cost accounting	3	4
4.7	Evaluation of CCA SSAP16	2	5
4.8	Important characteristics of current cost accounting	2	5
4.9	India and price level accounting	2	5
5.0	Accounting for human resources	10	
5.1	Introduction to human resource accounting	2	6
5.2	Cost and replacement cost methods	4	6
5.3	Various approaches for valuing human resources	4	6

Books for Reference

1. Advanced Financial Accounting S.P Jain &K.L.Narang:Kalyani Publishers
2. Advanced Financial Accounting M.C Shukla& T S GrewalS Chand and Co
3. Advanced Accountancy Arulanandam& Raman Himalaya Publishing House
4. Gupta R L &Radhaswamy M: Advanced accounting Chand New Delhi.

Books for Enrichment

1. Advanced Accountancy Shukla& Grewal: Taxman New Delhi.
2. Advanced Accounting Maheswari S N &Maheswari S K Vikas publishing house New Delhi.
3. Advanced Financial Accounting Paul & Kaur
4. Advanced Financial Accounting B.D Agarwal
5. Inflation Accounting Davidson Sidney Prentice Hall of India New Delhi

Journals

1. The Chartered Accountant ICAI(The Institute of Chartered Accountants of India)
2. IUP Journal of Accounting Research & Audit Practice

Course	Details		
Code	CM1921102		
Title	Organisational Behaviour		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/I		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the scope and importance of Organisational Behaviour and the contributing disciplines	U	7
2	Understand the role and impact of individual and group behaviour in an organization	U	7
3	Outline the design and structure of an organisation.	U	7
4	Explain organisational change and development	U	7
5	Discuss the scope and importance of Organisational culture and climate.	U	7

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No.
1.0	Introduction	15	
1.1	OB concept - Individual-group and organisational perspective	4	1
1.2	OB vs. Organisational Theory	3	1
1.3	Models and challenges of OB	4	1
1.4	Disciplines contributing to OB	4	1
2.0	Individual and Group Behaviour	25	
2.1	Personality –determinants theories measurement	3	2
2.2	Perception – Process Factors and theories	3	2
2.4	Group Behaviour- Group Dynamics	4	2
2.5	Factors-types and stages of group formation	2	2
2.6	Group Cohesiveness-norms.	2	2

2.7	Transactional Analysis and Johari Window	2	2
2.8	Conflict- symptoms types stages of conflict	4	2
2.9	Horizontal and Vertical conflict	1	2
2.10	Relation between conflict and organisational effectiveness	2	2
2.11	Handling conflict-Managing intergroup conflict.	2	2
3.0	Organisational Structure and Design	10	
3.1	Basic principles and challenges of organisation design	4	3
3.2	Factors influencing organisation structure	2	3
3.3	Types of organisation structure	4	3
4.0	Organisational Change and Development	25	
4.1	Concept Factors in Organisational change	3	4
4.2	Process of Planned change Resistance to change- causes	4	4
4.3	Overcoming resistance to change	3	4
4.4	Group dynamics for change change agents	3	4
4.5	Organisational growth and change	3	4
4.7	Organisational Development	3	4
4.8	Characteristics Process	3	4
4.9	Limitations OD interventions/Techniques	3	4
5.0	Organisational Culture and Climate	15	
5.1	Organisation Culture concepts characteristics Subculture	4	5
5.2	Impact of organisational culture	3	5
5.3	Concept characteristics and Dimensions of Organisation Climate	4	5
5.4	Determinants and Improvement	4	5

Books for Reference

1. A Textbook of Organisational Behaviour Dr.C.B.Gupta.S.Chand&Co.New Delhi
2. Organisation Behaviour Aswathappa K. Himalaya Publishing HouseNew Delhi.
3. Organisational BehaviourParanit Kumar GenNext Publication
4. Principles and Practice of Management - T.N.Chhabra Dhanpat Rai NewDelhi

Books for Enrichment

1. Organizational Behaviour Robbins Stephen P. Prentice -Hall NewDelhi.

Journals

1. Journal of Organisational behaviour Wiley
2. Journal of Organisational behaviour Publishing India Group

Course	Details		
Code	CM1921103		
Title	Financial Management		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/I		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	To explain the concept of financial management and its aims	Un	6
2	To compute cost of capital of various sources of finance	Ap	6
3	To explain the concept of capital structure and its various theories.	Un	6
4	To describe the importance of leverage and its impact on shareholder wealth maximization.	Un	6
5	To comprehend the need of dividend policy and to explain the various theories associating it.	Un	6

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Financial management	10	
1.1	Financial management-meaning	1	1
1.2	Financial management-goals and objectives	2	1
1.3	Functions of financial manager	1	1
1.4	Financial decision making	1	1
1.5	Financial planning	1	1
1.6	Concept and relevance of Time Value of Money	1	1
1.7	Compounding technique	1	1
1.8	Discounting technique	1	1
1.9	Diversification	1	1
2.0	Cost of capital	20	
2.1	Cost of capital –Concepts	1	2
2.2	Cost of capital –Importance	1	2
2.3	Computation- Cost of Capital	1	2
2.4	Cost of debt	2	2
2.5	Cost of preference capital	2	2
2.6	Cost of equity	2	2
2.7	Cost of retained earnings	1	2
2.8	CAPM	2	2
2.9	Overall cost of capital	1	2
2.10	Weighted average cost of capital	1	2

2.11	Book value and market value weights	4	2
2.12	Marginal cost of capital	2	2
3.0	Financing decision and capital structure	20	
3.1	Capital structure Vs. Capitalization	1	3
3.2	Finance structure	1	3
3.3	Pattern of capital structure	1	3
3.4	Concept of balanced capital structure	1	3
3.5	Determinants of capital structure	1	3
3.6	Optimum capital structure	2	3
3.7	Theories of capital structure	1	3
3.8	Net income approach	3	3
3.9	Net operating income approach	3	3
3.10	Traditional approach	3	3
3.11	MM approach	3	3
4.0	Leverage analysis	20	
4.1	Concept	1	4
4.2	Meaning and measurement of financial leverage	5	4
4.3	Operating leverage	5	4
4.4	Financial risk and operating risk	1	4
4.5	EBIT EPS analysis	2	4
4.6	Indifference point	2	4
4.7	Composite leverage	4	4
5.0	Dividend decisions	20	
5.1	Internal financing	2	5
5.2	Forms of dividend	2	5
5.3	Dividend policy and its objectives	2	5
5.4	Stability of dividend	1	5
5.5	Dividend theories relevance theory – MM theory	4	5
5.6	Irrelevance theory - Walter's model	4	5
5.7	Gordon's model	4	5
5.8	Residual Approach	1	5

Books for Reference

1. Financial management PV.Kulkarni Himalya Publishing House.
2. Financial management S.N.Maheswari Sultan Chand Co;
3. Financial management Srivastava Himalya Publishing House
4. Financial Management Pandey IM Vikas publishing house.
5. Financial Management Khan MY Jain PK Tata Macgraw Hill publishing Co.

Books for Enrichment

1. Financial management Dhagat Kogent.
2. Financial management Shah.
3. Financial management Knott Palgrave Macmillian.
4. Financial management Van Horn James C Prentice Hall India Limited.
5. Contemporary financial management Rajesh Kothari Macmillain India limited
6. Fundamentals of financial management Preetisingh Ane books private limited.

Journals and News Papers

1. The Journal of Finance
2. Indian Journal of Finance
3. Finance India
4. Financial Management

Course	Details		
Code	CM1921104		
Title	Quantitative Techniques		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/I		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Elaborate the significance of quantitative techniques	U	3
2	Use Normal Distribution to find out probability of events and use it to take appropriate decisions	Ap	3
3	Apply t/z tests for data analysis	Ap	3
4	Apply ANOVA for data analysis	Ap	3
5	Apply non parametric tests for data analysis	Ap	3
6	Determine the association between attributes	Ap	3
7	Create a statistical quality control chart	C	3

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Introduction to Quantitative Techniques	5	
1.1	Meaning of quantitative techniques Classification of QT	2	1
1.2	Application of QT in business Industry and management-merits and limitations of QT	3	1
2.0	Theoretical Distributions	10	
2.1	Theoretical Distributions- Normal Distribution- characteristics of normal curves- Standard normal curves- properties of standard normal curves.	3	2
2.2	Measurement of probability based on area under normal curve	5	2
2.3	Normal approximation to binomial distribution	2	2
3.0	Statistical theory and statistical inference- Parametric tests	40	
3.1	Sampling and non-sampling errors- statistic and parameter standard error	2	3
3.2	Sampling distribution: Z Chi-square t and F distributions	3	3
3.3	Estimation- point estimate-interval estimate-statistical inference: confidence limit for population mean confidence limit for population proportion	5	3
3.4	Hypothesis testing Z/t test	3	3
3.5	Two sample mean	3	3
3.6	Test for sample proportion and population proportion	3	3

3.7	Two sample proportion	3	3
3.8	Paired t test	3	3
3.9	One sample proportion	3	3
3.10	Two sample proportion of heterogeneous population	3	3
3.11	Test for population standard deviation and sample standard deviation	3	3
3.12	Test for two sample standard deviation	3	3
3.13	Testing significance of correlation coefficient	3	3
4.0	Analysis of Variance & Non Parametric tests	25	
4.1	F test	2	4
4.2	Analysis of Variance One way	2	4
4.3	Analysis of Variance Two way	2	4
4.4	Latin Square test	2	4
4.5	Chi-square test	3	5
4.6	Sign test	2	5
4.7	Runs test	2	5
4.8	Mann Whitney U test	2	5
4.9	KruskalWallis H test	2	5
4.10	Association of attributes Consistency of data	1	6
4.11	Methods of studying association-comparison of actual and observed frequency-comparison of actual and observed frequency comparison of proportion and products	3	6
4.12	Yule's co-efficient of association-co-efficient of Colligation-co-efficient of contingency	2	6
5.0	Statistical Quality Control	10	
5.1	Techniques of SQC	2	7
5.2	Control chart for variables X chart R chart	4	7
5.3	Control chart for attributes p chart np chart c chart	4	7

Books for Reference

1. Statistical Methods SP Gupta
2. Fundamentals of Statistics D.N. Elhance.
3. Quantitative techniques for statistical decision making
Digambar Patri & Priyambada Patri.
4. Quantitative methods and OR Reddy & Appanayya Himalaya Publishing House

Books for Enrichment

1. Statistics for Management Richard Levin Prentice Hall India.
2. Statistical methods for Research Prof. K. Kalyanaraman Prentice Hall India.
3. Quantitative Techniques CR. Kothari

Journals

1. Journal of Business and Economic Statistics

Course	Details		
Code	CM1921105		
Title	Human Resource Management		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/I		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Describe the fundamental concepts of human resource management	U	7
2	Explain the human resource planning process	U	7
3	Compare the common methods for recruiting and selecting human resource	An	7
4	Understand the concept and principles of human resource development	U	7
5	Understand how to implement successful training and development programs	U	7
6	Compare the different theories and techniques of motivation	An	7
7	Compare the different leadership styles	An	7

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Introduction to Human Resource Management	15	
1.1	Meaning and nature of Human Resource Management	2	1
1.2	Scope of HRM	1	1
1.3	Objectives of HRM	1	1
1.4	Importance of HRM	1	1
1.5	Functions of HRM	1	1
1.6	Managerial and operative functions of HRM	1	1
1.7	Process of HRM	1	1
1.8	Organization of HRM department	1	1
1.9	Personnel Management Vs HRM	1	1
1.10	Qualification and qualities of HR manager	1	1
1.11	Personnel Management –An overview	3	1
1.12	Evolution and growth of HRM in India	1	1
2.0	Human Resource Planning	20	
2.1	Concept of Human Resource Planning	1	2
2.2	Objectives of Human Resource Planning	1	2
2.3	Importance of Human Resource Planning	1	2
2.4	Factors affecting Human Resource Planning	1	2
2.5	Process of Human Resource Planning	1	2

2.6	Obstacles in Human Resource Planning	1	2
2.7	Job Analysis and job design	2	2
2.8	Concept of Recruitment	1	3
2.9	Purpose and Importance of Recruitment	1	3
2.10	Sources of Recruitment	1	3
2.11	Methods and techniques of Recruitment	2	3
2.12	Characteristics of a good recruitment policy	1	3
2.13	Principles of Recruitment	1	3
2.14	Factors affecting Recruitment	1	3
2.15	Concept of Selection	1	3
2.16	Selection process	1	3
2.17	Placement	1	3
2.18	Induction	1	3
3.0	Human resource development	15	
3.1	Concept of HRD	1	4
3.2	Objectives of HRD	1	4
3.3	Need of HRD	1	4
3.4	Principles of HRD	1	4
3.5	Qualities of an HRD manager	1	4
3.6	HRD strategies	1	4
3.7	Implementation of HRD	1	4
3.8	Training	2	5
3.9	Importance of training	1	5
3.10	Methods and techniques of training	3	5
3.11	Executive development	2	5
4.0	Motivation	20	
4.1	Meaning of motivation	1	6
4.2	Objectives of motivation	1	6
4.3	Types of motivation	1	6
4.4	Management techniques to improve motivation	1	6
4.5	Theories of motivation	3	6
4.6	Motivational techniques	1	6
4.7	Employee morale	1	6
4.8	Productivity nature and significance of morale	1	6
4.9	Managing quality and productivity	2	6
4.10	Quality of Work Life	1	6
4.11	Job satisfaction	1	6
4.12	Factors influencing morale	1	6
4.13	Concepts and significance of Productivity	1	6
4.14	Factors influencing productivity	1	6
4.15	Performance appraisal- Meaning	1	6
4.16	Purpose of performance appraisal	1	6
4.17	Methods of performance appraisal	1	6
5.0	Leadership	20	
5.1	Meaning of leadership	1	7
5.2	Theories of leadership	2	7
5.3	Managerial grid	1	7

5.4	Contingency theory	2	7
5.5	Situational theory	1	7
5.6	Path goal theory	2	7
5.7	Leader member exchange theory	2	7
5.8	Charismatic leadership theory	2	7
5.9	Transformational leadership	2	7
5.10	Likert's four system model	1	7
5.11	Transactional Vs transformational leadership	2	7
5.12	Leading change leadership	2	7

Books for Reference

1. Fundamentals of Human Resource Management Rajib Lochan Dhar Macmillan India Limited
2. Human Resource Management Seema Sanghi Macmillan India Limited
3. Text book of Human Resource Management Memoria Himalaya Publishing House
4. Personal Management & Human Resource Management Subbarao Himalaya Publishing House

Books for Enrichment

1. Human Resource Management Naik Ane books Private Limited.
2. Advanced Human Resource Management S.C. Gupta Anebooks.

Journals

1. The International Journal Of Human Resource Management Taylor & Francis
2. South Asian Journal of Human Resource Management SAGE Journals.

SEMESTER II

Course	Details		
Code	CM1922106		
Title	Accounting Standards and Reporting		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/II		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Preparation of financial statements in accordance with IFRS	Ap	1
2	Recognize various IASs and IFRSs from time to time	U	1
3	Explain IFRS conceptual framework	U	1
4	Accounting treatment for assets liabilities and revenues according to IFRSs	Ap	1
5	Compare Ind AS and IFRSs	U	1
6	Presentation of financial statements as per IFRS	Ap	1
7	Explain first time adoption of IFRS	U	1

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO.No.
1.0	Accounting Standards	20	
1.1	IASB as standard setting body and its role	2	3
1.2	Generally Accepted Accounting Practice(GAAP)	2	3
1.3	IFRS conceptual frame work	3	3
1.4	recent changes in the framework	2	3
1.5	IFRS convergence plan in India(phased implementation)	4	3
1.6	IAS/IFRS and Ind AS overview	3	25
1.7	IAS 1(Ind AS 101).	4	7
2.0	Assets based standards – Recognition and measurement principles	20	
2.1	Accounting treatment for Property Plant and Equipment IAS16	4	4
2.2	Accounting treatment for investment property IAS40	4	4
2.3	Impairment of assets IAS36	4	4

2.4	Intangible Assets IAS38	3	4
2.5	Accounting for leases IAS17	2	4
2.6	Valuation and classification of inventories IAS2 & IndAS2	3	4
3.0	Liability based standards -	20	4
3.1	Recognition and measurement of income tax IAS 12	3	4
3.2	Effect of change in foreign exchange rate IAS21	3	4
3.3	Contingent liabilities and provisions IAS37	3	4
3.4	Presentation of financial instruments IAS32&IFRS7	6	4
3.5	Classification and measurement of financial instruments IFRS9	5	4
4.0	Income related standards	15	
4.1	Recognition of income	5	4
4.2	Measurement of income	5	4
4.3	Accounting treatment for income in accordance with the standards IFRS 15& IAS 20	5	4
5.0	Standards on financial reporting & Presentation of financial statements	15	
5.1	Structure and contents of financial statements	1	16
5.2	Statement of profit and loss	2	16
5.3	Statement of changes in equity	1	16
5.4	Statement of cashflow IAS 7	2	16
5.5	Accounting policies changes in accounting estimates and errors IAS 8	1	16
5.6	Events after balance sheet date IAS 10	1	16
5.7	Interim Financial Reporting IAS34	1	16
5.8	IFRS 8	1	16
	Presentation of financial statements IAS 1	5	16

Books for Reference

1. Indian Accounting Standards Chindan Patel Bhupendra Mantri Taxmann Publications
2. T.P. Ghosh Illustrated Guide To Indian Accounting Standards Taxman Publications
3. B.D. Chatterjee Illustrated Guide To Indian Accounting Standards Taxman Publications
4. IndAS Dr D S Rawat Taxmann
5. Students' Guide to Accounting Standards Dr D.S Rawat Taxmann

Books for Enrichment

1. ICAI Study materials of ICAI – Financial Reporting (Final level)
2. Financial Reporting BPP
3. C A Shibarma Tripathy Road map to IFRS and Indian Accounting Standards.
4. Ind AS made easy Ravikanth Miriliya Commercial Law Publishers
5. IndAS Rajkumar Adukia Lexisnexis

Journals

1. <https://www.journalofaccountancy.com>
2. IUP Journal of Accounting Research & Audit Practice

Course	Details		
Code	CM1922107		
Title	Business Environment		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/II		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the environment in which the business exists	U	7
2	Analyse the business environment	U	7
3	Understand the impact of International environment on business	U	7
4	Understand the impact of economic and financial environment on business	U	7
5	Understand the impact of political and legal environment on business	U	7
6	Understand the impact of social and cultural environment on business	U	7
7	Understand the impact of technological environment on business	U	7
8	Understand the impact of natural environment on business	U	7

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No.
1.0	Business environment	15	
1.1	Business Environment -Nature and scope	2	1
1.2	meaning concepts objectives of business	2	1
1.3	micro and macro environment	2	1
1.4	Models of environmental analysis	2	2
1.5	uses of environmental study	1	2
1.6	relationship between business and its environment	2	2
1.7	International environment	4	3
2.0	Economic and Financial Environment	20	
2.1	economic system – Capitalism – Socialism – Mixed Economy	2	4
2.2	the Indian economic system – Feature of the Indian economy	2	4
2.3	Industrial Policy	2	4

2.4	Foreign Trade Policy .	1	4
2.5	New Economic Policy	2	4
2.6	Globalisation	1	4
2.7	The Indian financial system – Money market – Capital Market	2	4
2.8	The Indian Banking System – The RBI and its role public Sector Banks – Private Sector Banks	2	4
2.9	the SARFAESI Act	2	4
2.10	The Insolvency and Bankruptcy Code	1	4
2.11	Banking Reforms in India	2	4
3.0	Political and legal environment	20	
3.1	classification of political system	3	5
3.2	political risk-causes-types	3	5
3.3	relationship between business and government-responsibilities of business towards government-responsibilities of government towards business	2	5
3.4	Legal system	2	5
3.5	Business regulations – legislations that concern the business enterprise	1	5
3.6	Business Laws (Overview Only)- Indian Contract Act 1872 Sale of Goods Act 1930 Indian Partnership Act 1932Negotiable Instruments Act 1881	4	5
3.7	Corporate Laws (Overview Only) Companies Act 2013 Industrial (Development and Regulation) Act 1951 Monopolies and Restrictive Trade Practices (MRTP) Act 1969 Competition Act 2002Consumer Protection Act 1986 Intellectual Property Rights Foreign Exchange Management Information Technology Act Income Tax Act	5	5
4.0	Social cultural and technological environment	20	
4.1	Social environment	2	6
4.2	social responsibilities of business	3	6
4.3	arguments for and against social responsibility	2	6
4.4	Business ethics	2	6
4.5	Cultural Environment - elements of culture	2	6
4.6	Cultural Issues	2	6
4.7	Technological Environment	3	7
4.8	technology and competitive advantage technology transfer - importance and types	2	7
4.9	E- business : models technologies issues and regulations	2	7
5.0	Natural environment	15	
5.1	Sustainable development	1	8

5.2	Environmental impact assessment and its relevance	3	8
5.3	Environmental ethics	2	8
5.4	EIA inputs to project life cycle	3	8
5.5	environmental accounting-assessing the components of environmental costs	3	8
5.6	environment laws –The Environment Protection Act 1986	3	8

Books for Reference

1. Essentials of Business Environment by K Aswathappa Publisher: Himalaya Publishing House.
2. Business Environment by ShaikSaleem Publisher:Pearson.
3. Business Environment: Indian and Global Perspective by Faisal Ahmed and M.AbsarAlam Publisher: Eastern Economy.
4. Business environment FransisCherunilam Himalaya PublishingHouse

Books for Enrichment

1. Business Environment Elsevier Ane books privatelimited.
2. Environmental management Behera Himalaya PublishingHouse
3. Environmental management Jadhav Himalaya PublishingHouse
4. Essentials of business environment Aswathappa Himalaya PublishingHouse.
5. BusinessEnvironment Rosy Joshi &Sangam Kapoor; KalyaniPublishers
6. Business Environment: Raj Agrawal and ParagDiwan Excel Books New Delhi
7. Business Environment – Text and Cases by M.B Shukla Published by Taxman

Journal

1. International Journal of Business Environment (IJBE)

Course	Details		
Code	CM1922108		
Title	Advanced Financial Management		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1 / II		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Explain the impact of long term investment decision on business.	Un	6
2	Evaluate various investment alternatives.	Ap	6
3	Determine the working capital requirement of a company.	Ap	6
4	Explain the techniques of inventory management	Un	6
5	Perform inventory valuation	Ap	6
6	Evaluate credit policies	Ap	6
7	Prepare cash budgets	Ap	6
8	Explain comprehend international financial management and the factors to be considered while evaluating international projects.	Un	6

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No.
1.0	Long term investment decisions	20	
1.1	Capital budgeting – meaning and nature	2	1
1.2	Features and significance of capital budgeting	2	1
1.3	Traditional methods-payback period	2	2
1.4	ARR	2	2
1.5	Discounted cash flow methods	1	2
1.6	Bailout payback period	2	2
1.7	NPV	2	2
1.8	IRR	2	2
1.9	Profitability index	2	2
1.10	Risk analysis in capital budgeting	1	2
1.11	Techniques of risk analysis.	2	2
2.0	Working capital management	20	

2.1	Concept of working capital	1	3
2.2	Determinants	1	3
2.3	Classification of working capital	1	3
2.4	Working capital policies and principles	2	3
2.5	Liquidity VS profitability Risk return trade off	1	3
2.6	Working capital financing	1	3
2.7	Forecasting working capital needs	2	3
2.8	Estimating working capital requirements	11	3
3.0	Inventory management	10	
3.1	Nature of inventory cost and risk of holding inventory	1	4
3.2	Objectives of inventory management	1	4
3.3	Inventory control-systems and methods of inventory control	4	4
3.4	Inventory valuation.	3	5
3.5	Supply Chain Financing	1	4
4.0	Liquidity Management (Receivables Cash and Marketable Securities)	15	
4.1	Receivables management - Need and importance	1	6
4.2	Dimensions of receivables management	1	6
4.3	Factoring	1	6
4.4	Credit Policy evaluation	5	6
4.5	Cash Management - meaning-motives for holding cash	1	7
4.6	Dimensions of cash Management	1	7
4.7	Managing cash flows-inflows and outflows	1	7
4.8	Investing surplus cash	1	7
4.9	Determining optimum cash balance	3	7
5.0	International Financial Management	20	
5.1	International financing	2	8
5.2	Sources of International Finance. Euro bonds ADRs GDRs	2	8
5.3	International Investment: International Project Evaluation	3	8
5.4	International Capital Budgeting	2	8
5.5	Factors to be considered while evaluation international projects	2	8
5.6	International Working Capital Management	2	8
5.7	International Cash Management	2	8
5.8	International Receivables Management	2	8
5.9	International Inventory Management	2	8

Books for Reference

1. Financial management PV.Kulkarni Himalya Publishing House.
2. Financial management S.N.Maheswari Sultan Chand Co;
3. Financial management Srivastava Himalya Publishing House
4. Financial Management Pandey IM Vikas publishing house.
5. Financial Management Khan MY Jain PK Tata Macgraw Hill publishing Co;

Books for Enrichment

1. Financial management Dhagat kagent.
2. Financial management Shah.
3. Financial management Knott Palgrave Macmillian.
4. Financial management Van Horn James C Prentice Hall India Limited.
5. Contemporary financial management Rajesh Kothari Macmillain India limite
6. Fundamentals of financial management Preetisingh Ane books private limited.

Journals and News Papers

1. The Journal of Finance
2. Indian Journal of Finance
3. Finance India
4. Financial Management

Course	Details		
Code	CM1922109		
Title	Operations Research		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/II		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand meaning and applications of Operations Research	U	3
2	Solve problems in business using linear programming techniques	Ap	3
3	Solve problems in business using Transportation and Assignment methods	Ap	3
4	Solve and take decision for problems in business under conditions of uncertainty and risk	Ap	3
5	Prepare a complete network analysis using PERT and CPM	Ap	3

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No.
1.0	Introduction to Operations Research	5	
1.1	Operations research-meaning-origin and development-nature	1	1
1.2	OR in India-OR as a tool in decision making-	1	1
1.3	OR and management-features and methodology of OR	1	1
1.4	Phases of OR study-models in OR-	1	1
1.5	Methods of deriving the solution-limitations of OR.	1	1
2.0	Linear Programming Problems	30	
2.1	Linear Programming-meaning-concepts	2	2
2.2	Notations-uses and applications	1	2
2.3	Formulation of Linear Programming Problems	4	2
2.4	Graphical solution	6	2
2.5	Simplex method	10	2
2.6	Introduction of slack surplus and artificial variables	4	2
2.7	Duality	3	2
3.0	Transportation and Assignment Problems	20	
3.1	Introduction	1	3
3.2	Initial Basic Feasible Solution Methods	4	3
3.3	MODI method	4	3
3.4	Degeneracy	1	3
3.5	Unbalanced Transportation Problems	1	3
3.6	Maximization in Transportation Problems	1	3

3.7	Assignment Problems Introduction	1	3
3.8	Hungarian Method of solving Assignment Problems	2	3
3.9	Restrictions in Assignments	1	3
3.10	Maximization in Assignments	2	3
3.11	Travelling Salesman Problem	2	3
4.0	Decision Theory Game theory and Queuing theory	20	
4.1	Decision theory-Quantitative approach to management decision making	1	4
4.2	Decision under conditions of uncertainty-Maximin-Maximax- Hurwics Laplace and Minimax regret criteria	3	4
4.3	Decision making under risk-EMV-EOL-EVPI criteria	5	4
4.4	Game theory- saddle point algebraic method graphical method and rule of dominance	6	4
4.5	Queuing theory- single server system	5	4
5.0	Network analysis-CPM and PERT	15	
5.1	Network concepts-construction of network diagram-numbering the events (Fulkerson's Rule)	2	5
5.2	Network calculations- Forward pass Backward pass -CPM	4	5
5.3	Concept of float	3	5
5.4	PERT- probability considerations in PERT	3	5
5.5	Points of similarities and dissimilarities in PERT and CPM-limitation of PERT and CPM.	3	5

Books for Reference

1. Operation research theory and applications J.K.Sharma Macmillain Indialimited.
2. Operations Research: Principles and Practice Ravindran.
3. Research methodology and OR H.R.Ramanath Himalaya Publishing House
4. Operation Research VK.Kapoor Sultan ChandCo;

Books for Enrichment

1. Operations Research Sarmma&Ananad Himalaya PublishingHouse
2. Operation Research KanthiSwarup Sultan ChandCo;
3. Operation Research SD. Sharmma KedarnathCo;
4. Operation Research-problem and solutions J.K.Sharma MacmillainIndia limited.
5. Operations Research K.K. Chawla Gupta & Sharma; Kalyani Publishers

Journals

1. International Journal of Operations Research
2. Operations Research Perspectives

Course	Details		
Code	CM1922110		
Title	Research Methodology		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	1/II		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the significance objectives and types of research	U	3
2	Identify a research problem	An	3
3	Formulate a sampling design	C	3
4	Apply suitable methods for data collection and analyse the data	An	3
5	Outline the outcome of research in the appropriate style	Ap	3

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No.
1.0	Research Introduction	15	
1.1	Research-meaning-significance-	3	1
1.2	Objectives	2	1
1.3	Types of research	4	1
1.4	Research methods Vs methodology	2	1
1.5	Steps in research	4	1
2.0	Research Problem	20	
2.1	Research problem-definition- nature	3	2
2.2	Nature	2	2
2.3	Techniques of defining the problem	4	2
2.4	Research design-meaning-needs-types-of research design	3	2
2.5	Variables-dependent and independent variables- extraneous variables-intervening variable-dichotomous variable-	3	2
2.6	Research proposal and its preparation	3	2
2.7	Research hypothesis-types of hypotheses	2	2
3.0	Sampling design	15	
3.1	Census and sample survey	5	3
3.2	Sample frame-sample size	5	3
3.3	Methods of sampling	5	3
4.0	Data Collection and Analysis	30	
4.1	Collection and analysis of data- Data types of data-methods of data collection	5	4

4.2	Preparation of questionnaire or interview schedule	4	4
4.3	Measurement and scaling techniques	3	4
4.4	Nominal data-interval data- ordinal data –ratio data	2	4
4.5	Reliability analysis and its need	2	4
4.6	Analysis of data-uni-variate	3	4
4.7	Bi-variate analysis	4	4
4.8	Multi-variate analysis	5	4
4.9	Cross tabulation	2	5
5.0	Research Reporting	10	
5.1	Relevance-characteristics of a good research reports	2	5
5.2	Contents of a report	2	5
5.3	Citing references using APA style-MLA style-Chicago style	4	5
5.4	Plagiarism – testing- remedies	2	5

Books for reference

1. Business research Collis PalgraveMacmillian.
2. ResearchMethodsforBusiness:ASkillBuildingApproachSekaran.
3. Management Research MethodsVeld.
4. Business Research MethodologyDwivedi.
5. Research methodologyRamamoorthi.
6. Research methodology CR.KothariWishwaprakashan.

Books for Enrichment

1. Research methodology R.Paneerselvam Prentice Hall ofIndia.
2. Research Methodology OR.Krishna Swami Himalaya Publishinghouse
3. Methodology and techniques of social research HimalyaPublishingHouse.
4. Goodewj and Hatt Social research methods MagrawHillNewyork.
5. Bajpai SR Methods of Social Survey and Research KitabGharKanpur

Journals

1. International Journal of Social Science Methodology
2. International Journal of Research Methodology

SEMESTER III

Course	Details		
Code	CM1923301		
Title	Financial Statement Analysis & Valuation		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/III		
Type	Elective		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Analyze financial statements using different tools	An	2
2	Analyze financial statements using different ratios and interpret the results thereof	An	2
3	Analyze profitability and growth of an enterprise	An	2
4	Analysis of changes in financial statements using Cash Flow & Fund Flow Statements	An	2
5	Calculate business value using different models	Ap	2

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Financial Statement Analysis	10	
1.1	Meaning of Financial Statement Analysis	1	1
1.2	Types of financial statement analysis	1	1
1.3	Tools of Financial Statement Analysis – Comparative Statements	3	1
1.4	Tools of Financial Statement Analysis – Common-size Statements	3	1
1.5	Tools of Financial Statement Analysis – Trend Analysis	2	1
2.0	Ratio Analysis	25	
2.1	Meaning & Importance of Ratio Analysis	1	2
2.2	Liquidity Ratios	2	2
2.3	Solvency Ratios	4	2
2.4	Efficiency Ratios	4	2
2.5	Profitability Ratios	3	2
2.6	Advanced Problems	7	2
2.7	Distress Analysis	2	2
2.8	Off-balance sheet analysis	2	2
3.0	Fund Flow and Cash Flow Analysis	20	
3.1	Fund Flow Analysis – Meaning & Importance	3	3
3.2	Advanced Problems – Fund Flow Statement	9	3
3.3	Cash Flow Analysis – Meaning & Importance	4	3

3.4	Advanced Problems – Cash Flow Statement	9	3
4.0	Analysis of Profitability and Analysis of Growth	20	
4.1	First Level Breakdown	2	4
4.2	Second Level Breakdown	2	4
4.3	Third Level Breakdown	2	4
4.4	DuPont Analysis	1	4
4.5	Introduction to Growth Analysis	3	4
4.6	Analysis of changes in profitability and sustainable earnings	4	4
4.7	Growth Sustainable Earnings Evaluation of P/B and P/E Ratios	5	4
5.0	Business Valuation	15	
5.1	Meaning of Value Types of Value	1	5
5.2	Meaning Purpose Elements Process of Business Valuation	1	5
5.3	Valuation Approaches & Valuation Models	1	5
5.4	Discounted Cash Flow Valuation	3	5
5.5	Relative Valuation	3	5
5.6	Free Cash Flow Valuation	3	5
5.7	Contingent Claim Valuation	2	5
5.8	Other models of valuation (theory only) – Enterprise Valuation Adjusted Present Value Cash Value Added Economic Value Added	1	5

Books for Reference

1. Management Accounting MadhuVij Macmillain India limited
2. Management Accounting SN.Maheswari Sultan Chand Co;
3. Financial Analysis and Valuation Mary Lea Mc Anally and Peter D. Easton
4. Business Analysis and Valuation Textbook by Healy and Krishna Palepu
5. Management accounting Gordon Himalaya Publishing House
6. Management accounting Wilson Himalaya Publishing House
7. Managerial Accounting Balakrishnan Wiley publications.

Books for Enrichment

1. Management Accounting Dr.SP.Gupta SahityaBhavan Agra.
2. Management Accounting Manmohan &Goyal.
3. Management Accounting RSN Pillai.
4. Management accounting-concepts and applications Abhishek Godha Macmillan India limited
5. Management accounting Mamtasha Ane books private limited.
6. Management Accounting Sharma & Gupta; Kalyani Publishers

Journals

1. The Management Accountant (ICAI)
2. International Journal of Managerial and Financial Accounting

Course	Details		
Code	CM1923111		
Title	Income Tax - Law and Practice		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/III		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the basic concepts of income tax	U	4
2	Determine the residential status of an individual HUF Company and AOP/BOI.	E	4
3	Compute the income from salary of an individual	An	4
4	Compute the income from house property of an individual.	An	4
5	Compute profits and gains of business or profession.	An	4
6	Compute the income from capital gains of an individual.	An	4
7	Prepare the statement showing computation of income from other sources of an individual.	An	4
8	Describe the rules applicable in clubbing and aggregation of income.	U	4
9	Identify the order of set off of losses	An	4
10	Discuss the deductions applicable to individuals under Chapter VI A of the Income Tax Act	U	4
11	Compute Gross Total Income Total Income and the tax liability of an individual.	An	4

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No.
1.0	Introduction to Income Tax	10	
1.1	Objectives of taxation-direct and indirect taxes - direct tax law in India	1	1
1.2	Charging section - basic concepts- income-gross total income-total income	1	1
1.3	Person-Assessee-Deemed Assessee- Assessee in default	1	1
1.4	Accelerated Assessment - role of tax-average rate of tax - maximum marginal rate	1	1
1.5	Residential status	3	2
1.6	Incidence of tax	2	2
1.7	Income except from tax	1	1
2.0	Income from Salary & Income from House Property	25	
2.1	Salary - Chargeability – Definition	1	3

2.2	Allowances	2	3
2.3	Perquisites	2	3
2.4	Profit in lieu of salary - Deductions from salary- Provident funds and treatment	1	3
2.5	Computation of income from salary	8	3
2.6	Income from House Property - Basis of Charge	1	4
2.7	Deemed ownership – Exemptions – Annual value determination in various cases	1	4
2.8	Deductions – Treatment of Unrealised rent - Recovery of Unrealized rent and arrears of rent	1	4
2.9	Computation of Income from House Property	8	4
3.0	Profits and Gains of Business or Profession	15	
3.1	Chargeability	2	5
3.2	Deductions expressly allowed - General Deductions	1	5
3.3	Treatment of depreciation	2	5
3.4	Computation of Profits and Gains of business or profession	10	5
4.0	Capital Gains & Income from Other Sources	15	
4.1	Basis of charge- Capital Assets - Short-term and Long- term capital gains	1	6
4.2	Transfer	1	6
4.3	Cost of Acquisition under special cases	1	6
4.4	Computation of capital gain under Section 45(2) 45(5) and 50	1	6
4.5	Capital Gains exempt from tax	2	6
4.6	Computation of Income from Capital Gain	4	6
4.7	Income from other sources - General chargeability - Specific Chargeability	1	7
4.8	Kinds of securities & Grossing up of interest	1	7
4.9	Bond washing transaction - Deductions allowed - Deduction not permitted	1	7
4.10	Computation of income under the head Income from Other Sources	2	7
5.0	Assessment of Individuals	25	
5.1	Aggregation and Clubbing of income of other persons	1	8
5.2	Set off and carry forward of losses	3	8
5.3	Order of set off	3	8
5.4	Computation of Gross Total Income	4	10
5.5	Deductions under Chapter VI A	3	9
5.6	Computation of Total Income	3	10
5.7	Assessment of Individuals - Treatment of agricultural Income	2	10
5.8	Relief under Sec 89(1)	1	10
5.9	computation of tax	5	10

Books for Reference

1. Mehrotra H.C. & Goal S. P. Income Tax including Tax Planning and Management SahityaBhawan Publications Agra.
2. Singhanian Vinod K &Singhanian Monica Students Guide to Income Tax Taxmann Publication New Delhi.
3. Gaur V.P. &Narang D.B. Direct Taxes Kalyani Publishers New Delhi.
4. T N Manoharan Direct Taxes Snow White Publications.

Books for Enrichment

1. Saha R.G &Usha Devi N Income Tax Himalaya Publishing House Mumbai.
2. Philip A.P Direct Taxes Law & Practice Soba Publications Kottayam.
3. Raman B S. Income tax law and practice United publishers.
4. Dr. Girish Ahuja Dr. Ravi Gupta Direct Taxes Law and Practice Bharat Law House Pvt. Ltd New Delhi.
5. Bhagwathi Prasad Direct Taxes – Law and Practice WishwaPrakashana NewDelhi.

Journals

1. Journal of International Accounting Auditing and Taxation.
2. International Journal of Accounting and Taxation

Course	Details		
Code	CM1923112		
Title	International Business		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/III		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Explain the meaning scope and importance of international business	U	7
2	Explain the concepts of globalization and state the reasons process and consequences	U	7
3	Explain the role and working of international trade institutions	An	7
4	Explain the various aspects of international investment – both FDI and FPI	An	7
5	Explain India's foreign trade policy	An	7

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1	Overview of International Business	15	
1.0	Meaning Nature & Importance of International Business	2	1
1.1	International Trade Theories	4	1
1.2	Difference between International Business & Domestic Business	1	1
1.3	International business environment	3	1
1.4	Modes of entering international business	3	1
1.5	Challenges of international business	2	1
2.0	Globalisation	20	
2.0	Globalisation and international business	2	2
2.1	Motives of firm internationalization-drivers of globalization	2	2
2.2	Global enterprise-transnational enterprise-transnational confederation	1	2
2.3	Multinational Corporations – Definitions and concepts	1	2
2.4	Growth of MNCs Factors responsible advantages and disadvantages	1	2
2.5	Structure of MNCs	1	2
2.6	MNCs in India and Indian MNCs	2	2
2.7	Globalisation of markets production investment technology	3	2
2.8	Advantages and disadvantages and policy issues	2	2
2.9	Global strategic management	2	2

2.10	Ethics in global business	1	2
2.11	Globalisation and India	2	2
3.0	International trade institutions and Organisations	15	
3.0	WTO	3	3
3.1	UNCTAD	2	3
3.2	ILO	1	3
3.3	Regional Integration: Free Trade Area Customs Union Common Market Economic Union	3	3
3.4	SAARC	1	3
3.5	ASEAN	1	3
3.6	EU	1	3
3.7	BRICS	1	3
3.8	ESCAP NAFTA APEC	1	3
3.9	Implications of trade block for business	1	3
4.0	International Investment	20	
4.1	Foreign Direct investment – Meaning and importance	2	4
4.2	FDI – International Investment theories	2	4
4.3	Factors influencing FDI	1	4
4.4	Reasons costs and benefits of FDI	2	4
4.5	FDI in India – trend growth govt.policy FIPB FIIA	2	4
4.6	Foreign Portfolio Investment	2	4
4.7	International equity investment	2	4
4.8	International debt investment	2	4
4.7	FPI in India- FIIs Govt policy trend and growth	3	4
4.8	Comparison between FDI and FPI	2	4
5.0	Foreign Trade of India	20	
5.1	Foreign trade of India	1	5
5.2	Export procedures	3	5
5.3	Import Procedures	3	5
5.4	Inco terms	2	5
5.5	India's trade partners	1	5
5.6	Structure of imports and exports	2	5
5.7	Financing of foreign trade - Cash in Advance Letter of Credit Documentary Collection Open Account terms	3	5
5.8	EXIM Bank ECGC	2	5
5.9	Foreign Trade Policy of India	2	5
5.10	India' Special Economic Zones EPZs	1	5

Books for Reference

1. International business Sumathi Varma Ane books Private Limited.
2. International business management SC.GuptaAne books private limited.
3. International business Subbarao Himalaya PublishingHouse

Books for Enrichment

1. Elements of International Business CharyWiley publications.
2. International Business Francis Cherunilam Himalaya Publishing House

Course	Details		
Code	CM1923302		
Title	Security Analysis and Portfolio Management		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/III		
Type	Elective		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the concept process of investment	U	5
2	Estimate the systematic and unsystematic risk involved in a security	Ap	5
3	Analyse a security using fundamental analysis	Ap	5
4	Analyse a security using technical analysis	Ap	5
5	Analyse the efficiency of a stock market	Ap	5
6	Calculate the return and risk of a portfolio	Ap	5
7	Formulate an optimal portfolio	C	5
8	Evaluate the pricing of a security	E	5
9	Evaluate and revise a portfolio	E	5

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO. No
1.0	Investment	15	
1.1	Importance-investment Vs speculation and gambling	3	1
1.2	Return risk-types-measurement	4	2
1.3	Systematic risk	4	2
1.4	Investment process	4	2
2.0	Security analysis –Fundamental Analysis	15	
2.1	Fundamental analysis –macro economic analysis	4	3
2.2	Industry analysis- industry life cycle	3	3
2.3	Company analysis-micro company factors	3	3
2.4	Share Valuation	3	3
2.5	Bond Valuation	2	3
3.0	Technical analysis	20	
3.1	Meaning Basic Principles of Technical analysis	2	4
3.2	Dow theory-Elliott wave theory	2	4
3.3	Trend and Trend reversals Chart patterns	2	4
3.4	Mathematical Indicators -moving averages-MACD-RSI	3	4
3.5	Market indicators- breadth-Short interest	2	4
3.6	Limitations of technical analysis Technical Vs Fundamental	2	4
3.7	Efficient market- hypotheses-forms of market efficiency	3	5

3.8	Empirical tests of Forms of efficiency	2	5
3.9	EMH Vs fundamental and technical analysis	2	5
4.0	Portfolio Analysis	13	
4.1	Portfolio risk and return	2	6
4.2	Risk reduction through diversification	3	6
4.3	Portfolios with two securities	2	6
4.4	Portfolios with more than two securities	3	6
4.5	Measurement of risk and return of portfolio	3	6
5.0	Portfolio SelectionEvaluation and Revision	22	
5.1	Optimal Portfolio -Markowitz model	3	7
5.2	Single index model	4	7
5.3	Capital asset pricing model	4	7
5.4	CML-SML	3	7
5.5	Portfolio evaluation	4	9
5.6	Portfolio revision	4	9

Books for Reference

1. Security analysis and Portfolio Management S. Kevin PHI learning Pvt.Ltd
2. Security analysis and Portfolio Management Punithavathy Pandain Vikas Publishers
3. Investment Analysis and Portfolio Management Prasanna Chandra McGraw Hill Education.
4. Investment Analysis and portfolio management Ranganathan M. Pearson Education
5. Investment management Bhalla VK
6. Security analysis and portfolio management Avadhani Himalaya Publishing House

Books for Enrichment

1. Investment & security markets in India Avdhani Himalaya Publishing House
2. Security analysis and portfolio management Jorden Fisher
3. Security analysis and portfolio management Rohini Singh.

Journals

1. Indian Journal of Research in Capital Markets Associated management Consultant New Delhi
2. Journal of Portfolio Management Inst Investor Inc
3. Financial Markets and Portfolio Management Springer Verlag
4. Indian Journal of Finance

Course	Details		
Code	CM1923113		
Title	Basic Econometrics for Business		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/III		
Type	Core		
Credits	4		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the concept of econometric modelling	U	3
2	Understand what a classical linear regression model is	U	3
3	Understand what a multiple linear regression model is	U	3
4	Understand the diagnostic test for multiple linear regression model	U	3
5	Understand the concept of dummy variable regression	U	3
6	Understand the concepts of time series data analysis	U	3

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Introduction to Econometrics	5	
1.1	Econometrics – Meaning	1	1
1.2	Types of data	1	1
1.3	Econometric modeling	1	1
1.4	Returns in financial modeling	1	1
1.5	Introduction to econometrics packages	1	1
2.0	Introduction to Classical Linear Regression Model	15	
2.1	Simple regression models PRF SRF	5	2
2.2	Properties of OLS estimators- consistency- unbiasedness- efficiency	5	2
2.3	Precision and standard errors- Statistical inference- t-ratio	5	2
3.0	Multiple linear regression models	15	
3.1	Constant term	2	3
3.2	Estimation of parameters	3	3
3.3	Testing multiple hypothesis using F ratio	5	3
3.4	Goodness of fit	5	3
4.0	Classical Linear Regression assumptions and diagnostic tests	30	
4.1	Statistical distributions-	1	4
4.2	Gauss Markov assumptions	3	4
4.3	Detection-Consequences-Remedy- Heteroscedasticity	3	4
4.4	Detection-Consequences-Remedy- Autocorrelation	3	4
4.5	Detection-Consequences-Remedy Multi collinearity VIF	3	4
4.6	Adopting the wrong functional form	2	4

4.7	Omission of relevant variable-	2	4
4.8	Inclusion of irrelevant variable	2	4
4.9	Parameter stability tests- Chow test-QLR- CUSUM	3	4
4.10	Model Adequacy Test and Model Significance Tests RESET	3	4
4.11	Regression on Dummy Variables	1	5
4.12	Dummy variables- ANOVA Model	1	5
4.13	Dummy variables- ANCOVA Model	1	5
4.14	Dummy variable trap	1	5
4.15	Comparing two regressions using dummy variables	1	5
5.0	Introduction to Time Series	25	
5.1	Stationery process	4	6
5.2	White noise process	3	6
5.3	Moving average process	3	6
5.4	Auto regressive process	3	6
5.5	Partial auto correlation function	3	6
5.6	ARMA process	3	6
5.7	Box Jenkins method	3	6
5.8	Exponential smoothing	3	6

Books for Reference

1. Introductory Econometrics for Finance Chris Brooks 4th Edition Cambridge University Press.
2. Gujarati Damodar (2003) Basic Econometrics 4th edition McGraw Hill New York.
3. Maddala G S (2002) Introduction to Econometrics 3rd edition John Wiley & Sons New York

Books for Enrichment

1. Koutsoyiannis A (1977) Theory of Econometrics Palgrave New York.
2. Wooldridge Jeffrey M Introductory Econometrics (2002) Thomson South Western USA

Journals

1. Journal of Financial econometrics
2. The Econometrics Journal

SEMESTER IV

Course	Details		
Code	CM1924114		
Title	Advanced Cost Accounting		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/IV		
Type	Core		
Credits	3		
Total Hours	90	Hours per week	5

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Analyse how costs are computed and controlled in process industries	An	2
2	Apply the techniques of marginal costing and CVP analysis in business decision making	Ap	2
3	Apply the ABC concept in business	Ap	2
4	Apply the techniques of standard costing and compute the variances in different elements of cost	Ap	2
5	Construct various types of budgets to enable cost control	Ap	2

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO.No.
1.0	Process Costing	20	
1.1	Types of Process Losses	2	1
1.2	Inter process profit	3	1
1.3	Equivalent Production	10	1
1.4	Joint & By Products	3	1
1.5	Transfer Pricing	2	1
2.0	Marginal Costing	20	
2.1	Marginal Costing – Meaning & Introduction to concepts	2	2
2.2	BEP & CVP Analysis	3	2
2.3	Applications of Marginal Costing in business decision making	10	2
2.4	Application of Differential Costing in business decision making	4	2
2.5	Advantages & Limitations of Marginal Costing	1	2
3.0	Activity Based Costing	15	
3.1	Meaning and Definition of ABC Concept purpose & benefits	1	3
3.2	Stages & relevance in decision-making and its application in Budgeting	1	3
3.3	Difference between Traditional Vs. ABC System	1	3
3.4	ABC Management Business Applications of ABC Management	2	3
3.5	Product Costing Under ABC	2	3
3.6	Preparation of Cost & Profit Statement under Traditional and ABC Costing	3	3

3.7	Activity based Variance Analysis and Budgeting	3	3
3.8	Direct Product Profitability & Customer Profitability Analysis	2	3
4.0	Standard Costing	25	
4.1	Meaning of Standard cost and standard costing	2	4
4.2	Standard Costing Vs Budgetary Costing	1	4
4.3	Variance Analysis – Theory	2	4
4.4	Material Variances	4	4
4.5	Labour Variances	4	4
4.6	Overhead Variances	8	4
4.7	Sales Variances	3	4
4.8	Advantages and limitations of standard costing	1	4
5.0	Budgetary Control & Modern Techniques in Costing	20	
5.1	Meaning & Need for Budget Difference between Budget & Forecast	1	5
5.2	Budgetary Control Objectives Organization & Preliminaries for adopting Budgetary Control	1	5
5.3	Limiting Factor Classification of Budgets (Theory) Master Budget	1	5
5.4	Production Budget	1	5
5.5	Cost of Production Budget	1	5
5.6	Sales Budget	1	5
5.7	Plant Utilization Budget	1	5
5.8	Materials Budget Direct Labour Budget	1	5
5.9	Manufacturing Overhead Budget Administration Overhead Budget Selling & Distribution Budget	2	5
5.10	Cash Budget	3	5
5.11	Fixed & Flexible Budget	3	5
5.12	Performance Budgeting	1	5
5.13	Zero Base Budgeting	1	5
5.14	Throughput Costing – Business Process Re-engineering	1	5
5.15	Backflush Accounting Socio-Economic Costing	1	5

.Books for Reference

1. Advanced cost accounting Saxena&Vasisht.
2. Advanced Cost Accounting S.P.Jain&K.L.Narang; Kalyani Publishers
3. Cost and Management accounting SN.Maheswari.
4. Advanced cost accounting M.L.Agarwal SahityaBhavan Agra.
5. Advanced cost accounting SN.Maheswari& Mittal.
6. Cost and management accounting MN.Arora Himalaya Publishing House.

Books for Enrichment

1. Advanced cost accounting Gowda Himalaya Publishing House.
2. Advanced cost accounting Nigam & Sharma.
3. Advanced cost accounting NK.Prasad.
4. Advanced cost accounting SP.Iyengar.
5. Cost Accounting Jawaharlal Lal and Seema Srivastava
6. Cost Accounting: A Managerial Emphasis Charles T. Horngren

Journals

1. The Management Accountant (ICAI)

Course	Details		
Code	CM1924115		
Title	Income Tax-Assessment and Procedures		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/IV		
Type	Core		
Credits	3		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Compute the Tax Liability of HUF Firms AOP/BOI.	An	4
2	Compute the Tax Liability of Companies.	An	4
3	Identify the Different Types of Return	U	4
4	Summarize the different types of Assessment.	U	4
5	Write about the powers and functions of Income Tax Authorities.	U	4
6	Recall about Tax Planning and Tax Management.	U	4
7	Propose tax planning measures in relation to various heads of income.	C	4

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Assessment of Various Entities	30	
1.1	HUF- Procedure for assessment of HUF	3	1
1.2	Assessment of HUF-Problems	9	1
1.3	Firm-Computation of Book Profit	3	1
1.4	Remuneration to Partners	2	1
1.5	Computation of Tax Liability of Firms	5	1
1.6	Computation of Tax Liability of AOP/BOI	8	1
2.0	Assessment of Companies	20	
2.1	Type of Companies	1	2
2.2	MAT	3	2
2.3	Computation of Total Income	6	2
2.4	Computation of Tax Liability of Companies	8	2
2.5	International Taxation-Basic Concepts-General Anti Avoidance Rules(GAAR)-Advance Pricing Agreement (APA)	2	2
3.0	Assessment Procedures	10	
3.1	Return and Types of Return	1	3
3.2	E-Filing of Return	1	3
3.3	Due Date for Filing Returns	1	3
3.4	Defective Return and Interest for Default	1	3
3.5	Return through TRP	1	3

3.6	PAN-TAN-TIN	2	4
3.7	Types of Assessment	2	4
3.8	Rectification of Mistakes	1	4
4.0	Income Tax Authorities and Powers	15	
4.1	Powers	2	5
4.2	Functions	2	5
4.3	Deduction and Collection of Tax at source TDS	2	5
4.4	Advance payment of tax	1	5
4.5	Refund	1	5
4.6	Survey Search and Seizure	2	5
4.7	Appeals and Revision	2	5
4.8	Offences and Penalties	2	5
4.9	Double Taxation	1	5
5.0	Tax Planning	15	
5.1	Tax Planning	1	6
5.2	Tax Avoidance	1	6
5.3	Tax Evasion	1	6
5.4	Tax Management	1	6
5.5	Need of Tax Planning	2	6
5.6	Tax Planning in relation to different heads of Income	4	7
5.7	Tax Planning of Individuals HUF and Companies	4	7
5.8	Limitations of Tax Planning	1	6

Books for Reference

1. Mehrotra H.C. &Goyal S. P. Income Tax including Tax Planning and Management SahityaBhawan Publications Agra.
2. SinghaniaVinod K &Singhania Monica Students Guide to Income Tax TaxmannPublicationNew Delhi.
3. Gaur V.P. &Narang D.B. Direct Taxes Kalyani Publishers New Delhi.
4. T N Manoharan Direct Taxes Snow White Publications.

Books for Enrichment

1. Saha R.G &Usha Devi N Income Tax Himalaya Publishing HouseMumbai.
2. Philip A.P Direct Taxes Law & Practice Soba Publications Kottayam.
3. Raman B S. Income tax law and practice United publishers.
4. Dr.Girish Ahuja Dr. Ravi Gupta Direct Taxes Law and PracticeBharat Law House Pvt. Ltd New Delhi.
5. Bhagwathi Prasad Direct Taxes – Law and Practice WishwaPrakashana New Delhi.

Journals

1. Journal of International Accounting Auditing and Taxation.
2. International Journal of Accounting and Taxation.

Course	Details		
Code	CM1924303		
Title	International Finance		
Degree	M.Com		
Branch(s)	Finance		
Year/Semester	2/IV		
Type	Elective		
Credits	3		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Explain the meaning and importance of international finance	U	6
2	Analyse the balance of payment situation of a country	An	6
3	Describe the evolution of the monetary systems	U	6
4	Explain the functioning of the forex markets	U	6
5	Evaluate foreign exchange risk and suggest exposure management measures	An	6

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Introduction to International Finance	20	
1.1	Meaning and importance of international finance	2	1
1.2	Evolution of the international monetary system bimetallism Gresham's Law	2	1
1.3	Gold standard	2	1
1.4	Bretton Woods system Smithsonian Arrangement Triffin's Paradox	2	1
1.5	Exchange Rate Regime since 1973	2	1
1.6	International liquidity	2	1
1.7	Flexible exchange rate regime Fixed versus floating exchange rate systems	2	1
1.8	The European Monetary Union & its costs & benefits	2	1
1.9	IMF	2	1
1.10	World Bank	2	1
2.0	Balance of Payments	15	
2.1	Structure of Balance of Payments	1	2
2.2	Current account transactions	2	2
2.3	Current Account Deficit	1	2
2.4	Capital account transactions	2	2
2.5	Capital Account convertibility	1	2
2.6	Official reserve account	1	2
2.7	Equilibrium disequilibrium and adjustment	3	2
2.8	BOP and exchange rate	2	2
2.9	BOP situation of India	2	2

3.0	Exchange Rate Mechanism	20	
3.1	Measuring exchange rate movements and volatility	2	3
3.2	Exchange Rate Quotations: Direct Quote Indirect Quote Cross Rates	2	3
3.3	Nominal real and effective exchange rate	1	3
3.4	Factors influencing exchange rates	2	3
3.5	Determination of exchange rate in spot and forward markets		3
3.6	Purchasing Power Parity Theory	2	3
3.7	Fisher Effect Theory	2	3
3.8	International Fisher Effect Theory	2	3
3.9	Interest Rate Parity Theory	2	3
	Forecasting Exchange Rates- Technical Fundamental and Efficient Market Approaches.	3	3
4.0	Foreign Exchange Markets	15	4
4.1	General Features of Forex Markets –	1	4
4.2	Participants in the Foreign Exchange Markets	1	4
4.3	Settlement of Transactions: SWIFT CHIPS CHAPS Fedwire	2	4
4.4	Functions of FOREX Markets	2	4
4.5	Transactions in Forex Markets: Spot Market Forward Market	2	4
4.6	Currency futures	2	4
4.7	Currency options	2	4
4.8	Currency swaps	2	4
4.9	Foreign exchange reserve of India	1	4
5.0	Foreign Exchange Exposure	20	5
5.1	Transaction exposure	2	5
5.2	Translation exposure	2	5
5.3	Economic exposure	2	5
5.4	Internal hedging techniques	2	5
5.5	Hedging with futures	3	5
5.6	Hedging with options	3	5
5.7	Money market hedging	3	5
5.8	Managing translation exposure	2	5
5.9	Managing operating exposure	1	5

Books for Reference

1. Sharan Vyuptakesh: International Financial Management PHI New Delhi.
2. Bhalla V.K. International Financial Management Anmol New Delhi.

Books for Enrichment

1. Apte P.G: International Financial Management Tata McGraw Hill New Delhi.
2. Levi Maurice D: International Finance McGraw Hill International Edition.

Journal

1. Indian Journal of finance Associated Management Consultants Private Limited New Delhi
2. Finance India Indian Institute of Finance

Course	Details		
Code	CM1924304		
Title	Financial Derivatives and Risk Management		
Degree	M.Com		
Branch(s)	Commerce		
Year/Semester	2/IV		
Type	Elective		
Credits	3		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand what risk is and how to measure and manage risk	U	5
2	Understand how derivatives in particular forwards work	U	5
3	Understand how futures work	U	5
4	Understand how options and swaps work and calculate the option prices	Ap	5
5	Understand how accounting and administration of derivatives	U	5

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO No
1.0	Risk	10	
1.1	Risk–meaning–types–sources of risk–cost of risk	3	1
1.2	Types –measurement	3	1
1.3	Risk management	1	1
1.4	Value at Risk (VaR) – Applications uses and Limitation of Value at risk.	3	1
2.0	Derivatives Introduction	20	
2.1	Derivatives-meaning-types-forwards	2	2
2.2	Forward prices-continuouscompounding currency forwards	2	2
2.3	Exchange rate quotation-direct and indirect	1	2
2.4	Bid and offer rates-spot market and forward rate-	1	2
2.5	Foreign exchange risk	1	2
2.6	Hedging through forwards-speculation- closing forward contracts	2	2
2.7	Currency forwards and banks	2	2
2.8	Advantages and disadvantages of forwards	1	2
2.9	Hedging with Derivatives	2	2
2.10	Optimal Hedge ratio	1	2
2.11	Credit Derivatives Weather Derivatives Energy Derivatives Currency Derivatives Insurance Derivatives Interest rate derivatives	3	2
2.12	Recent development in Derivatives.	2	2
3.0	Futures	25	
3.1	Futures contracts-features	2	3
3.2	Delivery terms-price and price limit-long and short positions-	2	3

3.3	Open interest-uses of futures	2	3
3.4	Pricing-cost of carry model in perfect market environment and imperfect market environment- expectation-model of futures pricing	5	3
3.5	Pricing-price patterns	2	3
3.6	Difference between future and forwards	1	
3.7	Commodity futures exchanges-trading mechanism	3	3
3.8	Margin- mark to market- use of currency futures-	2	3
3.9	Stock futures-hedging with futures-stock futures trading in India	2	3
3.10	Index futures trading- uses-	2	3
3.11	Interest rate futures – Applications of Interest rate futures.	2	3
4.0	Options	20	
4.1	Options types -trading-uses	3	4
4.2	Currency options	3	4
4.3	Combination of options - exotic options	2	4
4.4	Black Scholes model- assumptions–notations-calculation of option price-using put call party	4	4
4.5	Binomial model of option pricing- Fundamental Determinants of Option's price	4	4
4.6	Option Hedging Strategies and Option trading Strategies	4	4
5.0	Swaps	15	
5.1	Financial swaps- interest rate swaps- Basis Swaps	5	5
5.2	Currency swaps -swapping through Intermediaries-motivation for coupon swap	5	5

Books for Reference

1. Options Futures and other derivative securities Hull John C PHILearning
2. Risk Management and Financial Institutions John C Hull Wily India Publication.
3. Risk Management Paul Hopkins IRMPublications
4. Financial derivatives Redhead Keith PHI Learning Pvt.Ltd.
5. Commodity and financial derivatives S. Kevin PHI Learning PVT.LTD.
6. Financial derivatives SSS. Kumar PHI LearningPVT.LTD.
7. Fundamentals of Financial DerivativesParasuraman.

Books for Enrichment

1. Derivatives and financial market Gopalakrishnan Himalaya PublishingHouse
2. Fundamentals of derivatives Market.Prabhulla Kumar.
3. Understanding futures market Robert W Kolb PHI Learning Pvt.Ltd.

Journals

1. Journal of Derivatives
2. International Journal of Financial Markets and Derivatives

Course	Details		
Code	CM1924116		
Title	Advanced Econometrics for Business		
Degree	M.Com		
Branch(s)	Commerce		
Year/Semester	II/IV		
Type	Core		
Credits	3		
Total Hours	90	Hours per week	5

CO No.	Expected Course Outcomes <i>Upon completion of this course the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand how to Create multivariate models	U	3
2	Understand how to Model long run relationships	U	3
3	Understand Model volatility	U	3
4	Understand how to perform an analysis of panel data	U	3
5	Understand how to Perform an analysis of dummy variable regression	U	3

PSO – Programme Specific Outcome; CO-Course Outcome; Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create.

Module	Course Description	Hrs	CO.No
1.0	Introduction to Multivariate models	15	
1.1	Multivariate models	1	1
1.2	Simultaneous equation bias	1	1
1.3	Exogeneity- Triangular systems	2	1
1.4	Estimation of simultaneous equation models	2	1
1.5	Vector Auto Regressive Models	2	1
1.6	Block significance test and causality tests-	2	1
1.7	VARs with exogenous variables	2	1
1.8	Impulse Response functions	2	1
1.9	variance decomposition	1	1
2.0	Modelling Long run relationships	15	
2.1	Concepts of lead and lag	2	2
2.2	Stationary and Unit root testing	3	2
2.3	Cointegration	2	2
2.4	Error correction models	2	2
2.5	Testing for cointegration	2	2
2.6	Parameter estimation methods	2	2
2.7	Testing for cointegration using Johansen technique based on VARs	2	2
3.0	Modelling volatility	15	
3.1	Models for volatility-Exponentially weighted moving average models-	1	3
3.2	Autoregressive volatility models	1	3
3.3	Autoregressive conditionally heteroscedastic (ARCH) models	1	3

3.4	GARCH Models-Estimation-Extensions	1	3
3.5	Asymmetric GARCH models	1	3
3.6	GJR Models	2	3
3.7	EGARCH Model	1	3
3.8	Testing for asymmetry in volatility	1	3
3.9	Testing non-linear restrictions or testing hypotheses about non-linear models	1	3
3.10	Forecasting covariances and correlations	1	3
3.11	Implied covariance models-	2	3
3.12	Multivariate GARCH models	2	3
4.0	Introduction to Panel Data Analysis	15	
4.1	Panel Data analysis	3	4
4.2	Fixed effect models	4	4
4.3	Time fixed models	4	4
4.4	Random effects models	4	4
5.0	Limited dependent variable model	20	
5.1	Seasonal Analysis	2	5
5.7	Logit model	2	5
5.8	Probit model	2	5
5.9	Goodness of fit measures for linear dependent variable models-	2	5
5.10	Multinomial linear dependent variables	3	5
5.11	Ordered response linear dependent variables models	3	5

Books for Reference

1. Introductory Econometrics for Finance Chris Brooks 4th Edition Cambridge University Press.
2. Gujarati Damodar (2003) Basic Econometrics 4th edition McGraw Hill New York.
3. Maddala G S (2002) Introduction to Econometrics 3rd edition John Wiley & Sons New York

Books for Enrichment

1. Koutsoyiannis A (1977) Theory of Econometrics Palgrave New York.
2. Wooldridge Jeffrey M Introductory Econometrics (2002) Thomson South Western USA

Journals

1. Journal of Financial econometrics
2. The Econometrics Journal
