

**Outcome Based Curriculum
For
B.Com Blue Economy & Maritime Law (Double Main)**

Undergraduate Programme

2020

**Faculty of Commerce
University of Kerala
Thiruvananthapuram**

Scheme and Syllabus for the B.Com Blue Economy & Maritime Law (Double Main) under Semester System (To be introduced from 2020 admissions)

The outcome based curriculum aims to equip students with knowledge, skills, values, attitudes, leadership readiness/qualities and lifelong learning. The students on completion of this programme will attain various 21st century skills like critical thinking, problem solving, analytic reasoning, cognitive skills, self-directed learning etc. The curriculum focuses on pragmatist approach whereby practical application of theoretical concepts is taught with substantial coverage of practical and field works

The B.Com Blue Economy & Maritime Law (Double main) is intended to provide a broad framework and hence designed to address the needs of the students with Commerce and Blue Economy& Maritime Law as the core subjects of study, which is suitable for equipping them to cope with the emerging trends and challenges in the industrial and business world VIZ. preparation and interpretation of financial statements of SP,PS,JSC, etc. and awareness about Blue Economy, Logistics, Maritime Law and allied areas.

1.1 Eligibility for admission

Eligibility for admissions and reservation of seats for the First Degree Programme in Commerce shall be according to the rules framed by the University from time to time. No student shall be eligible for admission to the First degree programme in Commerce unless he/she has successfully completed the examination conducted by a Board/ University at the +2 level of schooling or its equivalent. During admission marks scored in Accountancy in the Commerce group or Economics in the Humanities group (only one) is to be added to the total marks secured by the student in plus two to arrive the total index mark

1.2 Registration

Each student shall register for the courses in the prescribed registration form in consultation with the Faculty Advisor within two weeks from the commencement of each semester.

1.3 Duration

The normal duration of the First Degree Programme in Commerce shall be three years consisting of six semesters. The duration of each semester shall be five months inclusive of the days of examinations. Odd Semester (June-October) commences in June and Even Semester (November – March) commences in November every Year.

1.4 Programme Specific Outcomes for B.Com Blue Economy & Maritime Law

The B.com Blue Economy& Maritime Law (double Main) program enables students to attain, by the time of graduation:

Display the knowledge of appropriate theory, practices and tools for the specification, design, and implementation

Ability to learn and acquire knowledge through online courses available at different MOOC Providers.

Ability to link knowledge of Commerce specifically Accounts with Bleu Economy Science and other auxiliary disciplines of study.

Ability to pursue higher studies of specialization and to take up technical employment.

Ability to review trends and challenges for the Maritime Industry.

Acquaint with the contemporary trends in industrial/research settings and thereby innovate novel solutions to existing problems

Inculcate research on various development issues and its effects on Life and livelihood.

The ability to work independently on a substantial project and as an effective team member.

1.5 Programme Structure

The First Degree Programme in Commerce Blue Economy & Maritime Law (Double main) shall include:

1. Language courses
2. Foundation courses
3. Core Course I
4. Core Course II
5. Open Course

Language courses include 4 common courses in English and 2 courses in an additional language chosen by the student. The student shall choose any one of the following additional languages: **Malayalam, Hindi, Sanskrit, French, Tamil, German, Russian and Arabic.**

Foundation courses include 2 courses which are compulsory basic courses. Foundation course one aimed at providing basic education on Contemporary issues on Constitution/ Human rights and foundation course two aimed at providing basic education on Environmental Studies.

Core courses include compulsory courses in the major subject in the two mains and Open course in

the 5th semester is a non-major elective offered by other programmes in the colleges to BCom students

The student secures the credits assigned to a course on successful completion of the course. The student shall be required to earn a minimum of 120 credits including credits for language courses, foundation courses, core courses, and open courses within a minimum period of six semesters for the award of the Degree including credit required for social service/ extension activities. The minimum credits required for different courses are given below:

Courses	Credits
Language courses	18
Foundation courses	5
Core courses I	46
Core Course II	48
Open Course	2
Social Service/Extension activities	1

	120
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B.COM BLUE ECONOMY & MARITIME LAW – PROGRAMME STRUCTURE

SEMESTER 1

Course	Course Code	Title	Credit	Instructional Hour	
				Theory	Practical
Language		English	3	5	
Addl. Language		Malayalam/Hindi/Sanskrit/Tamil/Arabic/French/German/Russian	3	5	
Foundation 1	COB 1121	Introduction to the Indian Constitution and Human rights	3	3	
Core I	COB 1131	Financial Accounting	2	3	
Core I	COB 1132	Business Mathematics and Statistics	3	3	
Core II	COB 1141	Fisheries Economics	3	3	
Core II	COB 1142	Introduction to Maritime Trade	2	3	
TOTAL			19	25	

SEMESTER 2

Course	Course Code	Title	Credit	Instructional Hour	
				Theory	Practical
Language		English	3	5	
Addl. Language		Malayalam/Hindi/Sanskrit/Tamil/Arabic/French/German/Russian	3	5	
Foundation 2	COB 1221	Environmental Studies	2	2	
Core I	COB 1231	Advanced Financial Accounting	3	3	
Core I	COB 1232	Business laws	2	3	
Core II	COB 1241	Maritime Trading Systems and Security	3	3	
Core II	COB 1242	Microeconomics	3	4	
TOTAL			19	25	

SEMESTER 3

Course	Course Code	Title	Credit	Instructional Hour	
				Theory	Practical
Language		English	3	5	
Core I	COB 1331	Fundamentals of Income Tax	4	4	
Core I	COB 1332	Corporate Accounting and Auditing	4	6	
Core II	COB 1341	Macroeconomics	4	5	
Core II	COB 1342	Maritime Industry in India	4	5	
TOTAL			19	25	

SEMESTER 4

Course	Course Code	Title	Credit	Instructional Hour	
				Theory	Practical
Language		English	3	5	
Core I	COB 1431	Taxation Laws and Accounts	4	5	
Core I	COB 1432	Cost Accounting	4	5	
Core II	COB 1441	Financial Economics	4	5	
Core II	COB 1442	Maritime Law	4	5	
TOTAL			19	25	

SEMESTER 5

Course	Course Code	Title	Credit	Instructional Hour	
				Theory	Practical
Core I	COB 1531	GST	4	4	
Core I	COB 1532	Financial Management	4	4	
Core I	COB 1533	Internship cum project & Viva voce	4	2	
Core II	COB 1541	Dynamics of Economies	4	4	
Core II	COB 1542	Introductory Econometrics	3	4	
Core II	COB 1543	Maritime Shipping and International Trade	3	4	
Open 1	COB 1551	Open	2	3	
TOTAL			24	25	

SEMESTER 6

Course	Course Code	Title	Credit	Instructional Hour	
				Theory	Practical
Core I	COB 1631	Applied Cost Accounting	4	6	
Core I	COB 1632	Management Accounting	4	6	
Core II	COB 1641	International Business and Trade	4	5	
Core II	COB 1642	Maritime Logistics	3	4	
Core II	COB 1643	Project & Viva voce	4	4	
TOTAL			19	25	

OPEN COURSES		
Semester	Course Code	Course Title
V <i>(for students from the disciplines other than Commerce)</i>	1551.1	Fundamentals of Financial Accounting
	1551.2	Principles of Management
	1551.3	Capital Market Operations

Notes:

1. The open course offered in the fifth semester is an elective course for students from the disciplines other than Commerce. He/ She can choose any one among the courses offered in that group as part of his/ her course of study.

All courses included under Foundation Course 1, Core Course I and Open Course shall be handled by teachers in Commerce.

All courses included under Foundation Course II and Core Course II shall be handled by teachers in Economics.

1.6 Practical Sessions

Practical sessions are included for all Core Courses of B. Com Programme. This shall be on a module basis and needs to be included for at least one module where learning through experiencing has maximum relevance. Evaluation will be done internally.

Objectives

1. To impart knowledge and skills on the applications of the concepts learnt in a given context.
2. To learn by experiencing and observing
3. To document and reflect upon learning
4. To develop exhibits of case studies undertaken, analysis made, exercises done and fact finding missions.

The findings will be recorded in the Commerce Lab Record (CLR) along with the learning as the final outcomes. Based on this further assessment may be made in the form of supportive assignments, seminars, group discussions, case analysis, quizzes etc. This would hammer the learning and strengthen the presentation skills of the learner.

1.7 Industrial Visit - cum Study Tour

Study tour to be mandatory for the B.Com Programme. It should cover an organization where functional applications of concepts/ theories covered in the Programme are being practiced. The visit should be pre-planned with an objective to learn identified applications like:-

Accounting processes (Computerized, Digitalized operations)

Port/Maritime Industry

Production/ Marketing/ Distribution/ Logistic Management

The total time to be devoted in the organization is two days out of **Five days** set aside for the tour. The outcome of the visit to be documented in a report with the following format

Student Tour Dairy	
1. Name of the College	
2. Name of the Student	
3. B.Com Programme	Semester
4. Name of the Organisation	
5. Date of Visit	
6. Learning Objectives	
· To Observe applications of
.....	
· To Understand processes
.....	
7. Interactions held
8. Outcome in the form of learning
9. Observations (along with pictures, citations, illustrations)	
Counter Signed by HoD	

1.8 Social Service/ Extension activities

Students have to participate in Extension/ NSS/ NCC or other specified social service, sports, literary and cultural activities during 3rd/ 4th semester. These activities have to be carried out outside the instructional hours and will fetch the required one credit prescribed in the total credits. The coordinators of the social/Extension activities should issue a certificate stating the active participation of students with grade (90% and above activities A Grade, 80% -90% -B, 70% - 80%- C and 50% -70% -D) and the same shall be collected and submitted to the university along with Activity Participation Consolidated List.

1.9 Audit courses (zero credit)

The students are free to do additional courses (skill based, vocational courses) prescribed by the University outside the 25 hour weekly instructional period. These courses may be taken as zero credit courses.

1.10 Attendance

The minimum number of hours of lectures, tutorials, seminars or practical which a student shall be required to attend for eligibility to appear at the end semester examination shall not be less than **75 per cent** of the total number of lectures, tutorials, seminars or practical sessions.

1.11 Evaluation

There shall be Continuous Evaluation (CE) and End Semester Evaluation (ESE) for each course. CE is based on specific components viz., attendance, tests, assignments and seminars. The CE shall be for 20 marks and ESE shall be for 80 marks. The marks of each component of CE shall be: **Attendance – 5**, assignment / seminar –5 and test papers -10. The teacher shall define the expected quality of an assignment in terms of structure, content coverage, presentation etc. and inform the same to the students. Due weight may be given for punctuality in submission.

1.11.1 Assignments/ Seminars - Each student shall be required to do one assignment or one seminar for each course. The seminars shall be organized by the teacher / teachers in charge of CE and the same shall be **assessed by a group of teachers including the teacher / teachers in charge of that course.**

1.11.2 Tests For each course there shall be at least one class test during a semester. Valued answer scripts shall be made available to the students for perusal within 10 days from the date of the test.

1.12 End Semester Evaluation (ESE)

End Semester Examination of all the Courses in all semesters shall be conducted by the University. The duration of examination of all courses shall be 3 hours. In the case of the course in which Practicals are mentioned, the duration of the examination shall be 3 hours for theory and 3 hours for Practical examination

1.12.1 Evaluation of Project - The report of the project shall be submitted to the Department in duplicate before the completion of the respective semesters (fifth semester for core course I and sixth semester for core course II). There shall be no CE for project work. A Board of two examiners appointed by the University shall evaluate the report of the project work. The viva – voce based on the project report shall be conducted individually. The maximum marks for evaluation of the project shall be 75 for the report and 25 for Viva-voce = Total 100.

1.13 Promotion to Higher Semesters

Students who complete the semester by securing the minimum required attendance of 75% and by registering for the End Semester Examination of each semester conducted by the University shall be promoted to the next higher semester.

PART I
FOUNDATION COURSE I
CORE COURSES I (COMMERCE)
& OPEN COURSE

Foundation Course –COB 1121: INTRODUCTION TO THE INDIAN CONSTITUTION & HUMAN RIGHTS

Instruction Hrs: 3 Hrs per week

Total Credit: 3

Course Objectives	Teaching Learning Process	Course Outcome
The Constitution of India, 1950 is the supreme law of the land. It lays down a framework of values and institutions for the governance of the country. The purpose of this course is to increase constitutional awareness among students on the functions of the Indian Constitution and the manner in which it seeks to order social, political and economic life in India	Lecture, discussion, demonstration, assignment, field experience	<ol style="list-style-type: none"> 1. Understand the system of political governance in India; appreciate the intent of the Framers of the Constitution and their understanding of Constitutional Values and role of Constitutional Institutions. 2. Learn the basic values of the Constitution of India as enacted in the Preamble, Fundamental Rights, Directive Principles of State Policy, and Fundamental Duties Chapter. 3. Understand the democratic values that govern the functioning of three arms of government and the ancillary institutions. 4. Appreciate the concepts underlying Indian federalism. 5. Develop an appreciation for Human Rights values.

Course contents

Module 1: The Constitution as a Concept

(12 Hours)

Unit - I Constitution, Constitutional Law and Constitutionalism.

Unit - II Various models of constitutions (US, UK), Framing of Constitution of India, Nature of Constitution of India.

Unit – III Constituent Assembly Debates (CAD on the Form of the Constitution), Salient features of the Constitution of India.

Unit -IV Preamble and the Constitution of India.

Discussion on Contemporary Issues – Current Debates on the Parliamentary System vs. Presidential System for India; Importance of Cooperative Federalism

Module 2: Fundamental Rights and Directive Principles of State Policy

(15 Hours)

Unit - I Citizenship, State, Types of Fundamental Rights -Right to equality, Right to Freedom, Right against Exploitation, Right to Religion, Cultural and Educational Rights & the Right to Constitutional Remedies.

Unit - II Directive Principles of State Policy and Economic and Social Rights - Relationship between Fundamental Rights and Directive Principles.

Unit - III Constitutional Remedy - Enforcement of Fundamental Rights, Writ Jurisdiction (Article 32 & 226), Public Interest Litigation and Concept of Locus Standi.

Unit - IV Fundamental Duties enshrined under the Constitution of India.

Discussion on Contemporary Issues – Reservation Policy – Concerns and Challenges; MNREGS and the operation of the right to work in India; New Labour Codes and their effectiveness in promoting social and economic rights.

Module 3: Institutions of Governance

(15 Hours)

Unit - I Union & State Executive & Legislature – Powers of President, Vice President, Governor & Council of Ministers – Principles of Collective Responsibility; Union & State Legislature – Composition & Qualification of Members, Functions of Legislature

Unit - II – Judiciary - Composition, Powers and Functions of the Supreme Court of India and High Courts, Hierarchy of and lower judiciary, Judicial Independence and Accountability, Judicial Review and Constitutional Amendments – Basic Structure Doctrine.

Unit - III – Concept of Federalism and essentials of a Federal Structure, Cooperative Federalism, Union State Relations on Legislative, Administrative and Financial Matters

Discussion on Contemporary Issues – Importance of Democratic Values in Parliamentary Procedures; Role of the Governor in Centre State Relations; Misuse of the State Emergency provisions (President's Rule); Role of the Auditor and Controller General in promoting transparency in governance.

Module 4: Human Rights

(12 Hours)

Unit - I Evolution of Human Rights, Human Rights and Natural Rights, the universal character of Human Rights, Types of Human Rights – Civil and Political Rights, Economic Social and Cultural Rights, Groups Rights

Unit - II International Standard Setting on Human Rights – International Bill of Human Rights – Role and Function of UN Human Rights Council

Unit –III Overview of Powers and Functions of National Human Rights Commission, State Human Rights Commission, National Commission for SC/STs/ Backward Classes, National Child Rights Commission, National Commission for Women, National Commission for Minorities

Discussion on Contemporary Issues –Gender stereotypes operate as barriers to gender justice; Relevance of Rights of Disabled Persons

References

1. Durga Das Basu, *Introduction to the Constitution of India* (21st ed., Lexis Nexis).
2. Rashee Jain, *Textbook on Human Rights* (3rd ed., Universal Law Publishing).

Core Course –COB 1131: FINANCIAL ACCOUNTING

Instruction Hrs: 3 Hrs per week

Total Credit: 2

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none"> • To make the students to familiarize with the basics of financial accounting • To enable the students to prepare routine accounting records • To equip the students to prepare financial statements 	Lecture, discussion, demonstration, assignment, field experience	<ul style="list-style-type: none"> • The students prepare the routine records of business • The students generate financial statements of sole proprietor, partnership and nonprofit entities • The students prepare financial statements from incomplete records

Course Content:

Module 1 Introduction to Accounting

Economic activity - business - relevance of recording and reporting - origin of accounting - double entry principle - process in accounting: identifying, measuring, recording, classifying, summarizing, analyzing, interpreting and reporting - role and objectives of accounting - branches of accounting - important terms used in accounting - cash system and accrual system - classification of accounts - modern rules for debit and credit - source of documents.

4 Hrs

Module 2 Preparation of Primary and Secondary Books

Journal - Special Journal: Purchase, Sales, Return outward, Return inward, Bills Receivable, Bills Payable, Journal Proper and Cash Book: Simple, cash book with bank column and petty cash book, imprest system – Ledger: utility, posting and balancing of accounts -Trial Balance.

20 Hrs

Module 3 Preparation of Annual Financial Statements

Annual Financial Statements of sole proprietorship and partnership: Trading Account, Profit and Loss Account and Balance sheet – Adjusting entries- Annual Financial Statements of nonprofit entities: Receipt and payment account, income and expenditure account and Balance sheet

17 Hrs

Module 4 Preparation of Financial Statements from Incomplete Records

Incomplete records: reasons, limitations - calculation of profit by capital comparison - preparation of Trading Account, Profit and Loss Account and Balance sheet from incomplete records

8 Hrs

Module 5 GAAP and Accounting Standards

Accounting Principles, Concepts and Conventions - Accounting Standards: Role and objectives - Need for international accounting standards- Development of IFRS and Ind AS- Adoption or Convergence of IFRS- Definition of financial elements- assets, liabilities, expense, income, equity – Principles of recognition, measurements, presentation and disclosure.

5 Hrs

Reference Books

1. Advanced Accountancy: S P Jain and K L Narang, Kalyani Publishers
2. Advanced Accounting 1: Dr. S M Shukla and S P Gupta, Sahitya Bhavan Publications
3. Advanced Accounting Volume 1: M C Shukla and T S Grewal, S Chand Publishing
4. Advanced Accounting Volume 1: S N Maheswari Vikas Publishing
5. Financial Accounting: R L Gupta and M Radhaswamy S Chand Publishing

Suggested Reading

1. Beginner's Guide to Ind-AS and IFRS : C A Kamal Garg, Bharat Law House
2. Accounting Standards including introduction of Ind AS: Dr D S Rawat, Taxmann

Core Course – COB 1132: BUSINESS MATHEMATICS AND STATISTICS

No. of instructional hours per week: 3

No. of credits: 3

Course Objectives	Teaching Learning Process	Course Outcomes
<ul style="list-style-type: none"> • To familiarise the students with basic Mathematical tools. • To impart skill to apply mathematical tools in financial analysis • To understand statistical principles to collect, tabulate and present business data. • To inculcate methods of statistics to analyse and interpret business data, 	<ul style="list-style-type: none"> • Lecture method • Assignment • Individual and group presentation 	<ul style="list-style-type: none"> • Able to apply mathematical tools to solve general business problems. • Able to apply financial analysis with mathematical base. • Make students able to collect, tabulate and present business data. • Able to perform analysis and interpretation of business data.

Course Contents

Module 1 Number Sense: Fractions and mixed numbers and their operations, percentage, comparing and ordering fractions and decimals - changing from decimals to percentage and decimals to fractions, calculating and converting percentages, fractions and decimals, unit conversions, order of operations in mathematics, permutations and combinations (overview).

(10 hours)

Module 2 Matrix : Types of Matrix - addition, subtraction, multiplication-Determinants-minors and co-factors- ad joint- inverse of a matrix- solution of linear simultaneous equations using Cramer's rule and inverse-application of matrix to business problems. Set theory: types of sets – operations on sets.

(11 Hours)

Module 3: Mathematics for Financial Analysis: Calculation of simple and compound interest- present and future value- calculation of time value of money- value of an annuity and present value of an annuity-dividend and interest calculation for stocks, bonds and debentures- Simultaneous Linear equations- extrapolation and interpolation with line graphs.

(12 hours)

Module 4 Introduction of Statistics: Meaning and definition of statistics-collection- sampling- methods of sampling- classification, tabulation and presentation of data, preparation of Google forms, measures of

central tenancy- calculation of arithmetic mean and median, measures of dispersion: Quartile deviation - mean deviation and standard deviation. **(11 hours)**

Module 5: Correlation : Meaning and definition – correlation and causation- types of correlation- methods of measuring correlation, Karl Pearson's coefficient of correlation and its interpretation, Probable error, Spearman's Rank correlation, Coefficient of Determination- Coefficient of concurrent deviation-application of different measures of correlation in business.

(10 Hours)

References

1. Gupta S P, Statistical Methods, Himalaya Publishing House, Mumbai.
2. Elhance.D L, Fundamentals of Statistics, Kithab Mahal, Alahabad.
3. Agarwal .B M, Business Mathematics and Statistics, Ane Books Pvt Ltd, New Delhi.
4. Richard L Levin and David S Rubin, Statistics for Management, Prentice Hall of India
5. JK Singh, Business Mathematics, Himalaya Publishing House, New Delhi
6. D C Sancheti and V K Kapoor, Business Mathematics, Sultan Chand and Sons, New Delhi
7. Martin Antony, Norman Biggs. Mathematics for Economics and Finance, Cambridge Low price edition 2000.
8. RS Bhardwaj, Mathematics for Economics and Business, Excel Books, 2010 edn.

Core Course –COB 1231: ADVANCED FINANCIAL ACCOUNTING

Instruction Hrs: 3 Hrs per week

Total Credit: 3

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none"> • To enable the students to have an application knowledge in Ind AS • To equip the students to compute depreciation in different contexts • To develop students to prepare accounts of hire purchase, branches, voyage and farm activity 	<p>Lecture, discussion, demonstration, assignment, field experience</p>	<ul style="list-style-type: none"> • The students apply accounting standards in recording and reporting of financial transactions and events • The students calculate depreciation in practical situation • The students prepare accounts of hire purchase system, Branch, Farm and Voyage

Course Content

Module1- Accounting Standards for Assets, Liabilities and Revenue

Inventories (IAS 2 and Ind AS 2) - Accounting for property, plant, equipment (IAS 16 and Ind AS 16) - Accounting for intangible assets (IAS 38 and Ind AS 38) - Accounting for impairment of assets (IAS 36 and Ind AS 36) - Accounting for borrowing costs (IAS 23 and Ind AS 23) - Investment property (IAS 40 and Ind AS 40) - Revenue from contracts with customers (IFRS 15 and Ind AS 115) - Income tax (IAS 12 and Ind AS 12) - Employee benefits (IAS 19 and Ind AS 19) - Provisions, contingent liabilities and contingent assets (IAS 37 and Ind AS 37).

15 hours

Module2- Depreciation Accounting

Meaning – methods - Fixed and diminishing balance methods –Annuity method – Depreciation fund method – Insurance policy method -Revaluation method- Estimated life and estimated resale value as per AS 6 Depreciation.

10 hours

Module 3- Accounts of Hire Purchase and Installment purchase system

Meaning – difference between Hire Purchase and Installment- Accounting entries in the books of purchaser and vendor- Default in payment- Complete and partial repossession – Installment system – Entries in the books purchaser and seller.

10 hours

Module 4: Branch and Departmental Accounting

Branch Accounts- meaning, features and types of branch accounting- accounting for the branches not keeping full system of accounts- Debtors system, Stock and Debtors system, final accounts – wholesale branch- accounting for branches keeping full system of accounts- adjustment for depreciation of fixed assets, expenses met by Head office for the branch and reconciliation- incorporation of branch Trial Balance in the Head Office books.

Departmental Accounting- meaning - features- advantages- objectives- methods of departmental accounts- allocation and apportionment of departmental expenses- difference between departmental accounts and branch accounts- inter departmental transfers- preparation of departmental trading and profit and loss account.

12 hours

Module 5- Voyage Accounting and Farm Accounting

Voyage Accounts: Meaning- Advantages- Preparation of voyage accounts- Voyage in progress. Farm Accounts: Features – Objectives- Advantages and Disadvantages- Crop Account- Cattle Accounts- Final Accounts of Farms.

7 hours

Reference Books

3. Beginner's Guide to Ind-AS and IFRS : C A Kamal Garg, Bharat Law House
4. Accounting Standards including introduction of Ind AS: Dr D S Rawat, Taxmann
5. Advanced Accountancy: S P Jain and K L Narang, Kalyani Publishers
6. Advanced Accounting 1: Dr. S M Shukla and S P Gupta, Sahitya Bhavan Publications
7. Advanced Accounting Volume 1: M C Shukla and T S Grewal, S Chand Publishing
8. Advanced Accounting Volume 1: S N Maheswari Vikas Publishing
9. Financial Accounting: R L Gupta and M Radhaswamy S Chand Publishing

Core course –COB 1232: BUSINESS LAWS

No: of Instructional Hrs per week – 3

Total Credit: 2

Course Objectives	Teaching Learning Process	Course Outcomes
<ul style="list-style-type: none"> • To develop among students an idea about Indian Business Law and Company law • To orient students about the legal environment in which a business operates and to provide students with the basic knowledge of legal principles behind contractual agreements • To familiarize the students about the salient provisions and procedures of the Companies Act 2013. • To acquaint the students with management and administration disclosure and transparency requirements of the company 	<ul style="list-style-type: none"> • Lecture • Assignment • Individual and Group Presentations • Case Study Discussions • Discussions on relevant Paper cuttings 	<ul style="list-style-type: none"> • Able to identify and understand the fundamental legal principles behind contractual agreements. • Able to appreciate the relevance of business laws to individuals and business organisations and the role of the laws in an economic, political and social context. • Able to develop in the students, acceptable attitudes and viewpoints with respect to business ethics and social responsibility. • Able to familiarise the students, exercise of proper professional and ethical responsibilities towards the potential clients and the legal system

Course Contents

Part I

Module 1: Introduction to Business law: Meaning, importance, sources and branches of law - Law of contract: Definition, nature and types of contracts -Essential elements of a valid contract – offer – acceptance – consideration - capacity of parties - free consent - legality of object and consideration - performance of contract - discharge of contract **(15 Hrs)**

Module 2: Special contracts: Law of Indemnity and Guarantee - nature of liability of surety, rights of surety, discharge of surety. Meaning and definition of guarantee - Law of Bailment and pledge - bailment definition- essential elements - rights and duties of bailer and bailee – finder of lost goods. Pledge - essentials- rights and duties of Pawner and Pawnee - Law of Agency - essentials, kinds of agents- rights and duties agent and principal - creation of agency, termination of agency contract. **(9 Hrs)**

Module 3: Sale of Goods Act 1930: Meaning of contract of sale - formation of contract of sale - Goods and their classification- condition and warranties - transfer of property in goods - performance of contract of sale - unpaid seller and his rights. **(6 Hrs)**

Part II

Module 4: Introduction to Company Law: Definition, features and types of Company - Special privileges to private company and government company –Company Incorporation - Memorandum of Association - Articles of Association - Board of Directors - Board Meetings - Board committees - Company Secretary
(15Hrs)

Module 5: Disclosure and Transparency: - Members and their rights - General Meetings – Types of Resolutions - Annual Report - Annual Return – Rules relating to interested contracts - related party disclosures – e Governance and MCA-21 -DIN and CIN - CSR - Statutory Audit, Secretarial Audit and Cost Audit.
(9Hrs)

Books Recommended

1. Kapoor. N .D, Business law, Sultan Chand and Sons
2. Legal Aspects of Business 3rd Edition, Ravinder Kumar, Cengage Learning
3. Chandha P.R, Business law gajgotia, New Delhi
4. Tulsian P.C, Business Laws, Tata McGraw-Hill publishing Co.Ltd, New Delhi
5. B S Moshal, Modern Business law,Ane books, New Delhi
6. Awathar Singh, Company Law, Eastern Law Books
7. BARE Acts: Contract Act, Sale of Goods Act, Indian Companies Act 2013
8. N.D. Kapoor, Elements of Company Law Sultan Chand and Sons, New Delhi
9. D. Chandra Bose, Business Law, PHI Learning Private Limited
10. Kuchal M C, Secretarial Practice, Vikas Publications, New Delhi.
11. Ashok K Bagrial, Company Law (12th Edition) Vikas Publishing House Pvt. Ltd.

Core course –COB 1331: FUNDAMENTALS OF INCOME TAX

No: of Instructional Hrs per week – 4

Total Credit: 4

Objectives	Teaching learning process	Course outcomes
<ul style="list-style-type: none"> • To gain knowledge about the income tax • Develop insight into the procedural aspects of computation of taxable income under the heads income from salary, house property and gains of business or profession 	<ul style="list-style-type: none"> • Lecture method • Assignments • Problem solving • Case study for computing income from salary 	<ul style="list-style-type: none"> • Acquire knowledge about the basic concepts of Income Tax and heads of income • Able to compute income from salary by considering allowances, perquisites and profit in lieu of salary • Able to compute income from house property • Able to determine taxable profit of business or profession

Course content

Module I

Introduction to Income Tax : History of Income Tax in India - Classification of Taxes – Direct and Indirect Taxes – meaning – features - advantages – disadvantages – Distinction between direct and indirect taxes - Assessee – Assessment Year - Previous Year – Person – Income – deemed income - Heads of income – Gross total income – Total income – Capital and Revenue

12 Hours

Module II

Residential status, incidents of tax and exempted income: Residential status of an individual –HUF – company –and every other persons - Practical problems on determination of residential status and incidence of tax - Incomes Exempt from Tax - Different categories of Exempted Income – Incomes which are neither included in Total Income nor Income Tax is payable – Incomes which are included in Total Income but no income Tax is payable.

12 Hours

Module III

Income from salary : salary - Wages – annuity or pension –perquisites - allowances , profit- in lieu of salary - deductions from salary – treatment of Provident Fund – computation of Taxable salary. (With Practical)

18 Hours

Module IV

Income from house property: Determination of annual value in different cases – deductions – treatment of unrealized rent – treatment of loss from house property - Items of income from house property which are not liable to tax - computation of income from house property

15Hours

Module V

Profit and gains of business and profession: Rules for assessment of business income – deductions expressly allowed – depreciation – methods of depreciations – block of assets – computation of profits and gains of business or profession.

15 Hours

Suggested Text Books

1. Direct Tax Law and Practice – Dr. H C Mehotra and Dr. S P Goyal – Sahitya Bhavan Publications
2. Direct Taxes Sri. T N Manoharan – Snow white Publications
3. Direct Taxes Law and Practice – Dr. Girish Ahuja; Dr. Ravi Gupta, Bharat Law House Pvt. Ltd. New Delhi

Reference

1. Income Tax Act and Rules
2. Income Tax, Vinod K Sinhanian & Monica Sinhanian, Taxman Publications Pvt. Ltd. New Delhi.
3. Direct Taxes, Lal B B, Konark Publishing House, New Delhi.
4. Direct Taxes – Law and practice, Bhagawathi Prasad – Wishwa Prakashana

Core Course – COB 1332: CORPORATE ACCOUNTING AND AUDIT

No: of Instructional Hrs per week – 6

Total Credit: 4

Course Objectives	Teaching Learning Process	Course Outcome
<ol style="list-style-type: none"> To create awareness about corporate accounting in conformity with the provisions of Companies Act, IAS and IFRS. To help the students in preparation of accounts of corporate in preparation of final accounts according to revised companies Act and according IAS – I To enable the students to prepare and interpret financial statements of joint stock companies To gain ability to prepare consolidated statements of group of companies To provide students the knowledge of auditing principles, procedures and techniques in accordance with current legal requirements and professional standards. To familiarize students with the audit of Companies and the liabilities of the auditor. 	<p>Lecture Assignments Group task and Presentation Explanatory Quiz Think Pair and share (TPS)</p>	<ul style="list-style-type: none"> Interpret the provisions in IAS and IFRS Apply provisions of IFRS in similar situations Prepares financial statements according to the format prescribed by the companies Act and IAS -1 Calculate EPS and related performance indicators from the balance sheets of listed companies Prepares consolidated financial statements of group of companies by considering the adjustments. Appreciate the consolidated financial statements List out the requirements of audit in companies, qualification and liabilities of company auditor.

Course content

Module I: Accounting standards-Relevance of Accounting Standards in preparation and presentation of final accounts– Indian GAAP and Global Accounting Standards-Convergence with IFRS. **(13 Hrs)**

Module II: Final Accounts of Companies and Interpretation – company statutory records – preparation of final accounts according to revised schedule III- Form and contents of Balance Sheet (Vertical form with notes), Profit and Loss account (Vertical form with notes) – preparation of final accounts according IAS – I (Form and contents of Balance Sheet - familiarization of forms only) - Profits prior to incorporation. Familiarity with AS 20 – objectives, scope, definition, presentation, measurement –Basic EPS –Diluted EPS –Diluted Potential Equity Shares –Disclosure –EBIT –EPS Analysis. **(25 Hrs)**

Module III: Consolidated Financial Statement (AS 21)

Holding Companies – Preparation of consolidated Balance Sheet – Minority Interest – Pre acquisition Profits – Cost of Control – Inter Company balance - Unrealized profits - Revaluation of assets and liabilities. **(20 Hrs)**

Module IV: Auditing Basics

Auditing Nature, Scope and Significance of Auditing – Types of Audit - Audit Engagement, Audit Program, Audit Working Papers, Audit Note Book, Audit Evidence and Audit Report - Internal Check, Internal Control, Internal Audit-Industry Specific **(20 Hrs)**

Module V: Provision relating to Audit under Companies Act

Auditor's qualifications, disqualifications, appointment, remuneration, removal, powers and duties - Cost Audit, Secretarial Audit - Reporting Requirements under Companies Act, Report vs. Certificate, contents of the reports and qualifications in the report. - Miscellaneous Audit (i) Branch Audit, Joint Audit (ii) Audit of shares and debentures (iii) Audit of divisible profits and dividends (iv) Statutory Auditors vs. Internal Auditors (v) Auditing and Assurance Standards relating to audit of inventories and audit of fixed assets (vi) Auditing of different types of undertaking – Education, Hospital, Co-operative Societies, Banks, Trusts, Municipalities, Panchayat **(30 Hrs)**

Recommended Practical —

1. Create awareness on maintenance of accounts of companies on the basis of live annual reports of companies
2. Preparation of assignments on maintenance of accounts of banks and insurance companies on the basis of visit to branches, wherever available.

References

- Asish K Bhattacharjee, Tata Mc Graw Hill, . Indian Accounting Standards
- Israr Shaikh and Rajesh Makkar, Lexis Nexis. Accounting Standards
- Rajkumar S Adukia, Lexi Nexis, Indian Accounting Standards
- Rawat D S—Taxman Accounting Standards
- Vijayakumar M.P, Snow White, Chennai - Accounting Standards
- RL Gupta and Radhaswamy- Advanced Accounting
- Dr. B D Agarwal - Advanced Financial Accounting
- M C Shukla , TS Grewal and S C Gupta - Advanced Corporate Accounting
- P C Thulsian - Advanced Corporate Accounting

Core Course – COB 1431: TAXATION LAW AND ACCOUNTS

No: of Instructional Hrs per week – 5

Total Credit: 4

Objectives	Teaching learning process	Course outcomes
<ul style="list-style-type: none"> • Provide practical skills on computation of total income and tax liability of individual, firms, co-operative society, company and HUF • Analyze the assessment procedure • Enable students to familiarizes with income tax authorities and their powers 	<ul style="list-style-type: none"> • Lecture method • Case studies for computing total income • Assignments • Group discussions 	<ul style="list-style-type: none"> • Able to compute capital gain and income from other sources • Able to determine Total income of individual, firms, co-operative society, company and HUF • Able to explain various income tax authorities and their powers • Able to compare tax planning, tax management, tax evasion and tax avoidance.

Course content

Module I

capital gain : Capital Asset – Types of capital assets - Transfer - methods of computation of capital gains – capital gains exempt from tax **15 Hours**

Module II

Income from other sources : chargeability – dividend – tax treatment of dividend – interest on securities – kinds of securities – Bond-washing transactions - interest on securities exempt from tax – Deductions permissible from income from other sources. **15 Hours**

Module III

Deductions in computing total income **15 Hours**

Module IV

Assessment of Tax liability of individuals – firms – co-operative society – company – HUF

30 Hours

Module V

Income Tax authorities and Assessment – Different Income Tax authorities – Appointment of Income Tax authorities – Jurisdiction of income tax authorities – Powers of Income Tax authorities – CBDT , Commissioners of income tax, income tax officer, inspectors – Assessing Officer - Tax management - Tax Planning - Tax evasion – Tax avoidance - Tax deducted at sources – Tax collected at sources and Advance Tax.

15 Hours

Suggested Text Books

1. Direct Tax Law and Practice – Dr. H C Mehotra and Dr. S P Goyal – Sahitya Bhavan Publications
2. Direct Taxes Sri. T N Manoharan – Snow white Publications
3. Direct Taxes Law and Practice – Dr. Girish Ahuja; Dr. Ravi Gupta, Bharat Law House Pvt. Ltd. New Delhi

Reference

1. Income Tax Act and Rules
2. Income Tax, Vinod K Sinhanian & Monica Sinhanian, Taxman Publications Pvt. Ltd. New Delhi.
3. Direct Taxes, Lal B B, Konark Publishing House, New Delhi.
4. Income Tax Act , Taxmann

Core course –COB 1432: COST ACCOUNTING

Instruction Hrs: 5 Hrs per week

Total Credit: 4

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none"> • To familiarize the students with cost and cost accounting concepts • To make the students learn cost accounting as a distinct stream of accounting • To make the student acquaint with various elements of cost. 	Lecture Discussion Demonstration Assignment, Field experience	<ul style="list-style-type: none"> • The students have better knowledge about different cost concepts • The students generate various cost accounting records • The students able to reconcile cost and financial profits.

Course Content:

MODULE I: Introduction to Cost Accounting

Meaning and definition—cost concepts—cost centre, cost unit, profit centre, cost control, cost reduction—objectives—Distinction between financial accounting and cost accounting—Methods and Techniques of costing—Advantages of Cost Accounting—Limitations of Cost Accounting—Installation of Costing System—Cost Accounting **(15 Hours)**

MODULE II: Accounting and control of material cost

Material Control—Purchase procedure- EOQ—Levels of inventory - ABC, VED and FSN analyses—JIT System— Perpetual Inventory System-Periodical inventory System—Continuous Stock taking— Materials Losses and their accounting treatment Methods of pricing issue of materials—Primary and Secondary packing materials and their accounting treatment. **(20 Hours)**

MODULE III: Accounting and control of labour cost

Time keeping - Time booking - Systems of Wage Payment - Incentive plans - Idle time - Overtime and their accounting treatment - Labour turnover - Concept of learning curve.

(15 Hours)

MODULE IV: Accounting for overheads

Classification and codification—Departmentalization (Allocation and Apportionment)—Absorption—Determination of overhead rates—under/over absorption— Accounting treatment— Allocation of overheads under Activity Based Costing. **(20 Hours)**

MODULE V: Cost Accounting records and Unit Costing

Integral and non-integral Systems—Preparation and presentation of cost sheets—Reconciliation of Cost and Financial Accounts.—Unit Costing—Tender-Quotations **(20 Hours)**

Recommended structure for preparing Question Paper: Theory-40% Problems—60%

Recommended Practicals:

1. Prepare a list of activities those come across daily, wherein cost accounting applications can be made.
2. Prepare cost sheets in respect of milk production, farming activities, hospitals nearby, margin free shops and small and tiny enterprises in any region.
3. Analyse and present consumption of various materials in the household and explore the possibility of applying inventory control techniques.
4. Prepare comparative cost sheets of products we regularly consume by using published annual accounts.

Books Recommended:

1. SP Jain and KL Narang—*Advanced Cost Accounting*, Kalyani Publishers New Delhi
2. NK Prasad—*Advanced Cost Accounting*, Book Syndicate Pvt. Ltd. Kolkata
3. MY Khan and PK Jain—*Advanced Cost Accounting*, Tata McGraw Hill
4. Thulsian PC—*Practical Costing*, Vikas Publishing House, New Delhi
5. MN Arora, *Principles and Practice of Cost Accounting* Vikas Publishing House, New Delhi
6. BM Nigam and Jain K *Cost Accounting* PHI, New Delhi
7. SN Maheswari—*Cost and Management Accounting*, Sultan Chand & Sons, New Delhi

Core Course – COB 1531: GOODS AND SERVICES TAX

Instruction Hrs: 5 Hrs per week

Total Credit: 4

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none"> • To give the students a general understanding of the GST law in the country • To provide an insight into practical aspects of GST. • To equip them to become tax practitioners. 	Lecture Discussion Demonstration Assignment, Field experience	<ul style="list-style-type: none"> • The students have better knowledge about different GST concepts • The students generate Tax Statements for various business firms. • The students are able to become independent tax practitioners.

Course contents

Module 1 - Introduction to Goods and Services

Evolution of Goods and Services Tax - Methodology of GST – Principles of GST - Taxes Subsumed under GST - Constitutional background - Benefits of implementing GST- Structure of GST- CGST - SGST - IGST - Important concepts and definitions under GST Act - Aggregate turnover, Agent, Agriculturist, Business, Capital goods, Taxable person, Casual taxable person, Non-Resident taxable person, Common Portal, Ecommerce, Composite supply, Mixed supply, Exempted supply, Outward supply, Principal supply, Place of supply, Supplier, Goods, Services, output tax, Job work, Manufacture, Input tax credit, Person, Place of business, Reverse charge, Works contract, , Export of goods / services, Import of goods / services, Intermediary - Taxable territory, Non-taxable territory **(15 hours)**

Module 2 – Registration under GST

Registration - Persons Liable for Registration - Compulsory Registration - Deemed Registration- Procedure for Registration - GSTIN - Amendment of Registration - Cancellation of Registration - Revocation of cancellation- Unique Identification Number - Registration number format. **(15 hours)**

Module3 – Levy and collection of GST

Taxable event - Procedure relating to levy and collection of CGST & SGST - Place of supply - Valuation rules - Taxability of reimbursement of expenses - Exemption from GST - Small supplies and composition scheme - Classification of goods and services - Composite and mixed supplies - Concept of time and place of supply - Import and export time of supply - Place of supply- Significance- Time and place of supply in case of intra state supply, interstate supply and import and export of goods and services -

E-way billing - Reverse Charge Mechanism- Payment of GST - Manner of payment of tax- Rates of GST - Tax Deduction at Source - Collection of Tax at Source – Refunds. **(20 hours)**

Module 4- Input Tax Credit

Cascading Effect of Taxation- Benefits of Input Tax Credit- Manner of claiming input tax credit in different situations - Recovery of Credit - Reversal of credit - Utilization of Input tax credit - Cases in which input tax credit is not available - Tax Invoice - Unauthorized Collection of Tax - Credit Notes - Debit Notes - Electronic Cash Ledger - Electronic Credit Ledger - Electronic liability ledger.

(15 hours)

Module 5- Authorities and Assessment of GST

GST council – Constitution, Structure, Power and Functions - GST authorities – Assessment, appeal and revision authorities - Offences and penalties - An overview of various types of assessment - Self assessment - Summary and scrutiny assessment- Returns - Accounts and Records- Forms of return - Special provisions relating to GST - Taxability of E-commerce - Anti-profiteering -Avoidance of dual control - E-way bills - zero-rated supply.

(25 hours)

References:

1. Indirect Taxes - Vinod K Singania, Taxmann's Publications, New Delhi
2. Indirect Taxes - H.C Mehrotra, Sahitya Bhavan Publications, New Delhi
3. Illustrated Guide to Goods and Service Tax- C A Rajat Mohan- Bharat Publications
4. All About GST- V S Datey- Taxmann Publications.
5. Beginner's Guide to GST- Dr Vandana Bangar and Dr Yogendra Bangar- Aadhya Prakashan Banagar
6. Bare Acts - CGST, SGST and IGST

Core Course – COB 1532: FINANCIAL MANAGEMENT

No. of instructional hours per week: 5

No. of credits: 4

Course Objectives	Teaching Learning Process	Course Outcomes
1. To provide conceptual and analytical insights to make financial decisions skillfully. 2. To familiarise the students with the conceptual framework of financial management. 3. To enable the students to understand the practical application of financial management. 4. To provide a general awareness about the financial services.	Lecture method Assignment Individual and group presentation Case study Analysis	Able to analyse capital structure, financial structure and capitalization of organisation. Able to analyse the working capital techniques adopted by a company. Able to identify the problems faced by the company regarding working capital management and comment solutions.

Course Contents

Module I: - Financial Management – Meaning, Scope, importance – objectives -. Key decisions of Financial Management - Cost of capital – cost of debt – cost of preference capital – cost of equity – cost of retained earnings – composite cost of capital. **(14 Hrs)**

Module II: - Financing Decision –Sources of Finance (Brief Study only)- Capital structure – meaning, designing capital structure, Optimal Capital Structure, factors determining capital structure --Capital Structure Theories – Net Income Approach, NOI, MM and Traditional – capital gearing – Types of Leverage - operating leverage, financial leverage, Combined Leverage. **(18 Hrs)**

Module III: - Investment and Dividend Decisions – Investment Decisions – Meaning, Significance, Techniques of investment decisions- Capital Budgeting (Theory Only) - Dividend policy – Forms of Dividend- Types of Dividend Policies - Factors determining dividend – Theories of Dividend Policies – Walter’s Model, Gordon and MM -.Stock Splits – Stock repurchase. **(20 Hrs)**

Module IV: - Management of Working Capital – Meaning, Concept, types, determinants – Estimation of working capital requirement – Working Capital Cycle - Management of Cash – Receivables management- Inventory management. **(18 Hrs)**

Module V: - Introduction to Financial services- Meaning-Role of financial services in Indian Financial system- developments-classification - Fund based financial services - Fee based financial services. Credit rating (concept only). **(20 Hrs)**

**Recommended structure for preparing question papers for ESE: Theory 60% Problems 40%
Recommended Practical**

1. Collect the published financial reports of some companies and identify the capital structure, financial structure and capitalization of each company.
2. From the above reports identify the different sources of finance used by each company.
3. Collect the newspaper cuttings related to companies' dividend policies, dividend decision etc.
4. Illustrate the industry wise working capital cycle of various companies.
5. Identify the modern cash and inventory management techniques used by companies.

Books Recommended:

1. Shashi. K. Gupta and Sharma R.K. *Financial Management* ,Kalyani Publiehers, New Delhi.
2. Pandey.I.M. *Financial Management*, Vikas Publishing House, New Delhi.
3. Prasanna Chandra . *Financial Management*, Tata McGraw-Hill Publishing Co.Ltd.,New Delhi.
4. Khan.M.Y and Jain.P.K. *Financial Management: Text and Problems*, Tata McGraw- Hill Co. Ltd.,New Delhi.
5. Srivastava.R.M. *Financial Management*, Pragati Prakashan, Meerut.
6. Bhabatosh Banarjee. *Fundamentals of Financial Management*, PHI, New Delhi.
7. James C Van Horne. *Fundamentals of Financial Management*, PHI, New Delhi.
8. Preeti Singh. *Fundamentals of Financial Management*, Ane Books Pvt.Ltd. New Delhi.
9. Kulshestia. R.S. *Financial Management*, Sahitya Bhawan Publications, Agra.
10. Sharan. V. *Fundamentals of Financial Management*, Pearson Education. Viswanath. S.R. *Financial Management*, Sage Publications, New Delhi
11. Gupta N.K and Monika Chopra . *Financial Markets, Institutions and Services*, Ane Books India, New Delhi.
12. Kevin S. *Security Analysis and Portfolio Management*, PHI, New Delhi.
13. Avadhani V.A . *Security Analysis and Portfolio Management*, Himalaya Publishing House, New Delhi.
14. Donald M. Fischer and Ronald J. Jordon. *Security Analysis and Portfolio Management*, PHI, New Delhi.

Core course – COB 1533: INTERNSHIP CUM PROJECT

Guideline and Report Format

A. Guideline

i. Objectives

- a. Introducing an organization, its organizational structure, functioning, and environment of the business to the students.

ii. Preparation

- a. Total length should be approximately 30 pages (page numbers indicated below are indicative).
- b. The report must be written in English.
- c. The title page of all students shall be in uniform format according to the template provided as appendix 1
- d. the abstract need to be written in English

The "**Internship**" aims at introducing the student to a range of professions and areas/functions within the company/organization. The student might be engaged in a rotation program between different functions, might be invited to participate in seminars and training programs, or might join one or more managers and accompany them in an apprenticeship mode. In the Internship the student's competencies are broadened through the activities he or she is engaged in.

Parties of Internship

- The Learner
- The Internship Coordinator: - who is in charge of identifying organisations and initiator of internship programme, communicator with the organisations for getting internships, and evaluator of the internship (internal evaluator)
- The Internship mentor: The faculty in charge of mentoring each student. All the faculties in the department shall function as mentor. The HoD shall finalise with the support of internship coordinator, the list of students to be guided and mentored by the faculty at the beginning of the second semester.
- HoD- the head of the department shall monitor the activities of coordinator and mentors to ensure the progress of internship programme.

During the internship

- **Work diary:** - The students should e-mail the work per day at the end of the day before 5pm. They should consult with the external mentor, should send the mail from the organization itself, if possible. Also submit a consolidation (activity report as per university guideline Performa attached)
- **Submission Deadlineday ...Month, date... 202....(year). (as per university of Kerala guidelines)**
 - **You need to submit two (2) printed copy of your report to the HoD, after getting it signed by the internal and external mentors.**
 - Depending on what is agreed in each case; you also submit agreed deliverables to the company/organization.

Oral Presentation

The students will contact the HoD for making an appointment with the Faculty Coordinator for an oral discussion of the internship and the submitted report. It will be a Q&A session, with no requirement of formal presentation.

Company/Organization Appreciation

The representative for the company will be asked to write an appreciation statement about the student's activities during the internship, including overall performance, specific strengths, any weaknesses that the student could work on improving and estimation of learning outcomes.

Evaluation and Grading

Written deliverable, face-to-face discussion and company appreciation are integrated in the final grading.

B. Indicative Structure of the Report

In the following, very general guidelines are provided for the internship report.

1. Title Page and Abstract

It is compulsory to use the language in standard form i.e. in British English. It is also compulsory to submit the report to the concerned internal mentor on the date prescribed. (The project guide and internal mentor shall be one and the same faculty in the department)

2. Executive summary (2 pages)

Key learning acquired and indication of activities undertaken.

3. Acknowledgements

Appropriate acknowledgements towards the company/organization, and other players involved in the process of the internship.

4. Table of Contents

5. Introduction (3 pages)

Presentation of the company/organization:- Description of the main activities and processes of the company/organization. Reflections on the role and importance of the function(s) that you have worked in.

6. Situation Analysis (4-5 pages)

Detailed context of the project integrating directly related literature, Internet sources etc. Depending on the context of the internship, the below can be integrated:

- Best Practices of similar situations/problems
- Analysis of external factors/drivers,
- Analysis of internal factors/drivers,
- Analysis of technology factors,
- Market considerations,
- Competitive considerations (SWOT, Porter...)

7. Key Results/Key Learning (5 pages)

Analysis of the results obtained/learning realized in an appropriate conceptual framework derived from the situation analysis.

8. Observations (4-5 pages)

- Depending on the various aspects of the company/organization that you have become acquainted with, try to make some recommendations/observations related to improvements or changes that you think would be beneficial for the company as a whole. Support them with some data (qualitative and/or quantitative).
- Implementation issues – what should the company keep in mind for successful implementation of these recommendations?

9. Conclusion (3-4 pages)

- Main learning and other "strong" aspects that the internship provided. What you have learnt and what you would like to develop more in your professional future.
- Perspective making with respect to the situation analysis (conceptual framework, best practices, models...).

10. Bibliography

Include references to books, articles, reports referred to in the report in the following format:

..... (Author/s name), (Year): (Title), (Publisher Address). (Page No.)

Indicate interviews if appropriate (person interviewed, his/her position, and date of the interview)

11. Appendices

Beware to join only material that you refer to in the report

Text Format in the Report

Times New Roman 12 or similar, 1.5 line space, Margins 2.5 all around.

Core Course-COB 1631: APPLIED COSTING

Instruction Hrs: 5 Hrs per week

Total Credit - 4

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none"> • To acquaint the students with different methods and techniques of costing. • To enable the students to apply the costing methods and techniques in different types of industries. 	Lecture Discussion Demonstration Assignment, Field experience	<ul style="list-style-type: none"> • The students are able to ascertain cost of different industries by using appropriate methods • The students have the skill to use cost accounting techniques for different managerial decisions.

Course Content:

MODULE I: Specific Order Costing

Job Costing – Meaning - Accounting procedure – Batch Costing - Meaning and accounting procedure - Economic Batch Quantity - Contract Costing – Meaning - Determination of profit or loss on Contracts - Cost plus contracts - Escalation Clause - Sub-contracts. **(20 Hours)**

MODULE II: Process Costing

Features - Treatment of Process losses and abnormal gain – Joint products and by – products - Methods of apportioning joint costs - Equivalent Production. **(20 Hours)**

MODULE III: Service Costing

Meaning—Features—Composite Cost Unit—Service Costing applied on Transport—Hospital—Power House—Canteen. **(15 Hours)**

MODULE IV: Marginal Costing

Meaning-Difference between marginal costing and absorption costing - Break Even Analysis - Cost Volume Profit Analysis - Decision making-Key factor- Make or buy—Product/Sales mix decisions—Pricing decisions—Capacity decisions. **(20 Hours)**

MODULE V: Standard Costing

Meaning—Difference between standard cost and estimated cost— Historical costing vs. standard costing—Constituents of standard cost—Analysis of Variance (Materials only – quantity, price, cost, mix and yield)

(15 Hours)

Recommended structure for preparing Question Paper: Theory - 30% Problems 70%

Recommended Practicals:

1. Visit a coconut oil mill or similar process industries to have real feel of process industries and prepare process cost accounts using actual data.
2. Visit passenger transport or goods transport utilities and Analyse their cost structure.
3. Visit construction sites and study the pattern of contracting, subcontracting, etc and prepare contract accounts from actual figures.

Books Recommended:

1. Jain SP and Narang K.L—*Advanced Cost Accounting*, Kalyani Publishers New Delhi.
2. Prasad N. *Advanced Cost Accounting*, Book Syndicate Pvt. Ltd. Kolkata.
3. Khan M.Y and Jain P K, *Advanced Cost Accounting*, Tata McGraw Hill.
4. Thulsian P.C,*Practical Costing*, Vikas Publishing House, New Delhi.
5. Arora M.N, *Principles and Practice of Cost Accounting*, Vikas Publishing House, New Delhi.
6. Nigam B.M and Jain K,*Cost Accounting* PHI, New Delhi.
7. Maheswari. S.N,*Cost and Management Accounting*, Sultan Chand & Sons, New Delhi.

Core Course –COB 1632: MANAGEMENT ACCOUNTING

Instruction Hrs: 5 Hrs per week

Total Credit: 4

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none"> • To enable students to acquire sound knowledge of concepts, methods and techniques of management accounting • To make the students develop competence with management accounting usage in managerial decision making and control. 	Lecture Discussion Demonstration Assignment,	<ul style="list-style-type: none"> • The students able to prepare common size statement, comparative statement and Trend analysis. • The students calculate financial ratios and interpret the same • The students prepares cash flow and fund flow statements • Students apply various enterprise performance measurement tools.

Course Content:

Module I: Introduction to Management Accounting

Nature and Functions-Financial vs. Management Accounting- Cost vs. Management Accounting - Role of Management Accountant - role of management accounting in decision making. Tools and techniques of management accounting – Comparative Statement – Common size Statement – Trend Analysis

(18 Hours)

Module II: Ratio Analysis

Meaning, Advantages, Limitations, Classifications of ratios-Calculation of ratios – Current Ratio – Liquid Ratio – Stock Turnover Ratio – Debtors Turnover Ratio – Creditors Turnover Ratio – Operating Ratio – Gross Profit Ratio – Proprietary Ratio – Fixed Assets Turnover Ratio – Debt Equity Ratio – Return on Capital employed Ratio – Capital Gearing Ratio - Comments on the Basis of Ratios.

(18 Hours)

Module III: Fund flow analysis and cash flow analysis

Fund flow statement- Meaning – objectives -uses of Fund Flow statement- differences between Fund Flow Statement and Balance sheet –differences between Fund Flow Statement and Income statement-Preparation of Fund Flow Statement. Cash Flow statement– meaning- objectives and uses-differences between Cash Flow Statement and Fund Flow Statement- Preparation of Cash Flow Statement.

(18 Hours)

Module IV: Budgetary Control

Meaning –Nature and functions-Preparation of Different Types of Budgets, Fixed Versus Flexible Budgeting - uses – functional budgets – cash budget – flexible budget – meaning and concept of master budget. **(18 Hours)**

Module V: Enterprise Performance Measurement Tools

ROI- Residual Income – Economic Value Added – Market Value Added – Balanced Score Card. **(15 Hours)**

Recommended structure for preparing Question Paper: Theory - 30% Problems 70%

Recommended Practical: Students are expected to Analyse live cases of cost and management accounting reports attached to Annual Reports and make a presentation in the class.

Books Recommended: *Note: Latest edition of text book may be used.*

1. Lal, Jawahar. *Cost Accounting*. Tata McGraw Hill Publishing Co., New Delhi.
2. Garrison H., Ray and Eric W. Noreen. *Managerial Accounting*, Tata McGraw Hill Co. New Delhi
3. Khan, M.Y. and P.K. Jain. *Management Accounting*. Tata McGraw Hill, Publishing Co., New Delhi.
4. Man Mohan, Goyal S.N. *Principles of Management Accounting*, Sahitya Bhawan Publications, Agra.
5. Shashi K.Gupta and Sharma R.K. *Management Accounting*, Kalyani Publishers, New Delhi.
6. Gupta S.P and Sharma R.K. *Management Accounting*, Sahitya Bhawan Publications, Agra.
7. Kulshustia and Ramanathan. *Management Accounting*, Sultan Chand & Sons, New Delhi.
8. Maheswari S.N. *Management Accounting and Financial Control*, Sultan Chand & Sons Delhi.
9. Shukla, M.C., T.S. Grewal and M.P. Gupta. *Cost Accounting, Text and Problems*. S. Chand & Co. Ltd., Delhi.
10. Pandey I.M *Principles of Management Accounting*, Vikas Publishing House, New Delhi.
11. Khan M.Y & Jain P.K. *Management Accounting*, Tata McGraw-Hill Publishing Co. Ltd., New Delhi.
12. Revi M. Kishore. *Management Accounting*, Taxman Publications Pvt.Ltd., New Delhi.
13. Jain, S.P. and K.L. Narang. *Cost Accounting, Principles and Methods*. Kalyani Publishers, Jalandhar.

Open Courses (For students from disciplines other than Commerce)

Open Course I: COB 1551.1- FUNDAMENTALS OF FINANCIAL ACCOUNTING

Instruction Hrs: 3 Hrs per week

Total Credit: 2

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none">To provide basic accounting knowledge as applicable to business.To form a background for higher learning in financial accounting	Lecture Discussion Demonstration Assignment	<ul style="list-style-type: none">Enable the students to acquire knowledge in the basic principles and practices of financial accounting.Equip the students to maintain various types of ledgers and to prepare final account

Course Content

Module I: Introduction to financial accounting – Accounting – meaning, objectives – accounting concepts and conventions – systems of accounting. Accounting Standards – meaning and objectives. Double entry book keeping – basic concepts – rules of debit and credit.

Module II: Recording Business Transactions – Journal – Ledger – Subsidiary books.

Module III: Cash book – Simple cash book, cash book with cash and discount columns, cash book with cash, discount and bank columns – Petty Cash Book – Bank Reconciliation Statement.

Module IV: Trial Balance – meaning and objectives – preparation of Trial Balance – Rectification of errors – Types of errors – detection and rectification of errors – Suspense Account.

Module V: Financial Statements – Final accounts of sole trader – Manufacturing, Trading and Profit and Loss Account – Balance Sheet – Preparation of final accounts with adjustments.

Books Recommended:

1. Naseem Ahmed, Nawab Ali Khan and M.L. Gupta. *Fundamentals of Financial Accounting – Theory and Practice*, Ane Books Pvt. Ltd., New Delhi.
2. Krishnankutty Menon M. and George Chakola. *Principles of Book-Keeping And Accountancy*, Sahitya Bhawan Publications, Agra.
3. Gupta R.L. and Gupta V.K. *Principles and Practice of Accountancy*, Sultan Chand & Sons, New Delhi.
4. Jain S.P. and Narang K.L. *Basic Financial Accounting*, Kalyani Publishers, New Delhi.
5. Maheswari S.N and Maheswari S.K. *Advanced Accounting-Vol.I*, Vikas Publishing House, New Delhi.

Open Course: 1 - COB 1551.2 PRINCIPLES OF MANAGEMENT

Instruction Hrs: 3 Hrs per week

Total Credit: 2

Course Objectives	Teaching Learning Process	Course Outcome
To familiarise the students from other faculties on the framework of management.	Lecture Discussion Demonstration Assignment	Enable the students to acquire knowledge on the fundamentals of management principles and functions.

Course contents

Module 1 - Introduction to Management : - Meaning and definition, scope, importance, management and administration, management levels- Management- science, art or profession- Henry Fayol's principles of management.

Module 2- Planning: - Meaning, objectives, types of plans, steps in planning and limitations of planning.

Module 3- Organising: - Concept, significance, types- formal and informal, line and staff and functional, centralisation, decentralization, delegation and departmentation.

Module 4 - Staffing: - Importance, sources of recruitment and selection, training and development. (Conceptual framework only).

Module 5 - Directing and controlling : - Meaning and elements of direction -Controlling- Meaning - steps-. Methods of establishing control.

Books recommended:

1. Koontz.O. Donnel, Principles of management, Tata Mc grawhill, publishing co, New Delhi.
2. L. M. Prasad, Principles of Management, Sultan Chand & sons, New Delhi.
3. R.C. Bhatia, Business organisation and management, Ane books, P. Ltd. New Delhi.
4. Tripathy Reddy, Principles of Management Tata Mc Graw Hill Publishers, New Delhi.

Open Course 1. COB 1551.3 CAPITAL MARKET OPERATIONS

Instruction Hrs: 3 Hrs per week

Total Credit: 2

Course Objectives	Teaching Learning Process	Course Outcome
<ul style="list-style-type: none">To create an interest among students towards stock market investment	Lecture Discussion Demonstration Assignment	<ul style="list-style-type: none">To familiarize the students with capital market operations.

Course Contents

Module I: Capital Market Meaning – structure- capital market instruments (Brief discussion only)

– Primary market (Meaning) – Methods of public issue – Book building – meaning – procedure

Module II: Secondary Market – Leading stock exchanges in India – Securities traded in the stock exchange – ownership and creditor ship securities (Concept only) – Procedure for buying and selling securities – Types of orders – Online trading – Stock market indices (Meaning)

Module III: Dematerialization of Securities – meaning –advantages of dematerialization – Depositories – functions of depositories – Procedure of dematerialization.

Module IV: Types of investors – Speculation Vs Investment – Types of speculators.

Module V: Derivatives – Meaning – Forwards – Futures – Options – Put option - Call option

Books Recommended

1. Kevin S. *Security Analysis and Portfolio Management*, PHI, New Delhi.
2. Preethi Singh. *Dynamics of Indian Financial System*, Ane Books Pvt. Ltd., New Delhi.
3. Sojikummar.K and Alex Mathew. *Indian Financial System and Markets*, Tata McGraw-Hill Publishing Co.Ltd. New Delhi.
4. Bharathi V. Pathak. *Indian Financial System*, Pearson Education, Noida.

PART II
FOUNDATION COURSE II
CORE COURSES II (BLUE ECONOMY &
MARITIME LAW)

COB 1141 Fisheries Economics

Instructional Hours 3

Credits 3

Course Objective:

Brief introduction to the Economics of Fisheries Sector

Course Outcomes

CO1 To understand the various economic terminologies.

CO2 To examine the features and relevance of fisheries economics.

CO3 To understand the cost, returns on investment in fisheries sector.

CO4 To gauge the economic development of fisheries sector.

Module I: Economic Terminologies:

Micro And Macroeconomics, Positive and Normative Economics, Environmental Economics, Resource, Scarcity, Farm-Firm Relationships, Production Contribution of Fisheries Sector to the Economic Development of the country.

Module II : Economics of Fisheries Sector :

Theories of Demand, Supply; Market Equilibrium - Elasticity - Price, Income, Cross, Application of Elasticity in Fisheries Managerial Decision. Farm Production Economics Production Functions in Capture and Culture Fisheries; National Income, Accounting, Measurement and Determinants of National Income, Contribution of Fisheries to GNP and Employment

Module III: Costs, Returns and Breakeven Analysis :

Costs and Returns Breakeven Analysis of Fish Production System; Concepts of Externalities and Social Cost; Factors of Production, Marginal Cost and Return, Law of Diminishing Marginal Return, Returns To Scale, Economies Of Scale and Scope, Revenue, Profit Maximization, Measurement of Technological Change, Farm Planning and Budgeting - Importance of Marginal Cost.

Module IV : Multilateral Organization and Fisheries Sector

GATT and WTO - Agreement on Sanitary and Phytosanitary Measures (SPS), Seafood Export Regulations; Non-Tariff Barriers (NTBs) and Agreement on Anti- Dumping Procedures. Fisheries Subsidies and WTO. Fisheries Trade and Environment

References

Trond Bjorndal, Daniel Gordon, Ragnar Arnason, Ussif Rashid Sumaila Advances in Fisheries Economics [1 ed.]

OECD The Economics of Adapting Fisheries to Climate Change

Anderson, Lee G Routledge revivals Fisheries economics : collected essays. Volume I [First edition]

COB 1142 Introduction to Maritime Trade

Instructional Hours 3

Credits 2

Course objective:

Brief introduction regarding the development of Maritime Trade

Course Outcomes

CO1 To understand origin and emergence of Sea Trade.

CO2 To examine the need for features and the components of Indian economic system.

CO3 To understand reasons and the need for regulating economic cycles in India.

CO4 To gauge the economic development in India.

Module I: Countries and Trade:

Origin and Emergence of Sea Trade - Reason for Trade - Production Costs - Natural Resources Production Costs - Countries that Trade by Sea – Major Countries and Ports – Trade Routes – Major Liners

Module II: Transportation and Type of Cargo

Containers FCL – LCL – Break Bulk Cargo – Project Cargo – Major and Feeder – Cargo – Volumetric Calculation and Container Types - Mother Vessels – Volumes in Containers - Vessels – Transit Cargo - Origins of Bulk Shipping - Bulk Fleet - Bulk Trades - Principles of Bulk Transport - Practical aspects of Bulk Transport - Liquid Bulk Transport- Crude Oil Trade - Major Dry Bulk Trades - Minor Bulk Trades

Module III: The Transport of General Cargo

Origins of the Liner - Economic Principles of Liner Operation - General Cargo and Liner Transport Demand - Liner Shipping Routes - Liner Companies - Liner Fleet - Principles of Liner Service Economics - Pricing Liner Services - Liner Conferences and Cooperative Agreements - Container Ports and Terminals – Leading Shipping Companies – Freight Forwarders – NVOCC – Agents and Partner

Module IV: Transportation of Specialized Cargoes

Specialized Shipping – Dangerous and Non-Dangerous - Sea Transport of Chemicals - Liquefied Petroleum Gas Trade - Liquefied Natural Gas Trade - Transport of Refrigerated Cargo - Unit Load Cargo Transport - Passenger Shipping

References

Nicholas Tracy (auth.) Attack on Maritime Trade

Pius Malekandathil Maritime India: Trade, Religion and Polity in the Indian Ocean

[Revised Edition]

Kenneth R. Hall A History of Early Southeast Asia: Maritime Trade and Societal Development,

COB 1221: ENVIRONMENTAL STUDIES (FOUNDATION COURSE)

Instructional Hours 2

Credits 2

COURSE OUTCOMES: at the end of the Course, the Student will be able to -

	Remember environmental policies
	Understand different eco systems, environmental movements
	Understand types of natural resources
	Remember the causes and impacts of mining
	Understand bio diversity and conservation
	Understand environment pollution

COURSE CONTENT

Module 1: Introduction to environmental studies: Multidisciplinary nature of environmental studies; components of environment – atmosphere, hydrosphere, lithosphere and biosphere. Scope and importance; Concept of sustainability and sustainable development. **Ecosystems :** What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chain, food web and ecological succession.

Module 2: Natural Resources: Renewable and Non-renewable Resources: Land Resources and land use change; Land degradation, soil erosion and desertification. Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water, Heating of earth and circulation of air; air mass formation and precipitation, Energy resources: Renewable and non-renewable energy sources, use of alternate, energy sources, growing energy needs

Module 3: Biodiversity and Conservation: Levels of biological diversity: genetic, species and ecosystem diversity; Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots, India as a mega-biodiversity nation; Endangered and endemic species of India, Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value. Environmental **Pollution:** Environmental pollution: types, causes, effects and controls; Air, water, soil, chemical and noise pollution, Nuclear hazards and human health risks, Solid waste management: Control measures of urban and industrial waste, Pollution case studies.

Module 4: Environmental Policies & Practices: Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act; International agreements; Montreal and Kyoto protocols and conservation on Biological Diversity (CBD). The Chemical Weapons Convention (CWC). Nature reserves, tribal population and rights, and human, wildlife conflicts in Indian context **Human Communities and the Environment:** Human population and growth: Impacts on environment, human health and welfares, Carbon foot-print, Resettlement and rehabilitation of project affected persons; case studies, Disaster management: floods, earthquakes, cyclones and landslides, Environmental movements: Chipko, Silent valley, Bishnios of Rajasthan, Environmental ethics: Role of Indian and other religions and cultures in environmental conservation, Environmental communication and public awareness, case studies

REFERENCES

- Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
- Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press.
- Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
- Gleick, P.H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
- Groom, Martha J. Gary K. Meffe, and Carl Ronald carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
- Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. *Science*, 339: 36-37.
- McCully, P. 1996. *Rivers no more: the environmental effects of dams* (pp. 29-64). Zed Books.
- McNeil, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.

Assignment/Field work

- Visit to an area to document environmental assets; river/forest/flora/fauna, etc.
- Visit to a local polluted site – Urban/Rural/Industrial/Agricultural.
 - Study of common plants, insects, birds and basic principles of

COB 1241 **Maritime Trading Systems and Security**

Instructional Hours 3

Credits 3

Course objective:

Discusses about Maritime Trading Systems and its effect on the Global Economy

Module I: Evolution of Maritime Industry

Economy of the Fifteenth Century - Opening up of Trade and Commerce - Emergence of Liner and Tramp shipping - Popularisation of Container and Bulk Transport - International Transport Industry - Characteristics of Marine Transport Demand - World Merchant Fleet - Cost of Sea Transport - Role of Ports and Transport System – Government and Shipping Industry - Commercial Shipping and the Shipping Market.

Module II: Maritime Trade and Trading Networks

Principles of Maritime Trade - Building-blocks of Maritime Trade - Geography and Value Addition of Maritime Trade - Maritime Trading Networks – European Maritime Trade – American Maritime Trade – Maritime Trade of Asia – African Maritime Trade – Maritime Trade of Middle East, Central Asia and Russia, Australia and Oceania Trade Systems

Module III: Acts Regulations and Maritime Security

Definition – Types of security – Components of Security - Need for Joint Action – Economic Installations and Piracy - Maritime Acts of Developed Countries - Espionage Act of 1917 - Magnuson Act, 1950 - Ports and Waterways Safety Act,

1972 - Maritime Transportation Security Act of 2002 - The International Ship and Port Facility Security (ISPS) Code, 2002

Module III: Multilateral Organisations and Conventions

International Convention for the Safety of Life at Sea (SOLAS) International Convention for the Prevention of Pollution from Ships (MARPOL) International Convention on Standards of Training, Certification and Watch keeping for Seafarers (STCW) - conventions relating to maritime safety and security and ship/port interface - conventions relating to prevention of marine pollution - Oil Pollution Preparedness, Response and Co-operation (OPRC), International Convention Relating to Intervention on the High Seas in Cases of Oil Pollution Casualties (INTERVENTION), Case Studies on Maritime Piracy - Nigeria and Energy Vessels - Sirius Star Hijacking - Maritime Piracy in Somalia - Need for Energy Security - Strategies for Safety and Security

References

Burnett, J. S. (2002). *Dangerous Waters: Modern Piracy and Terror on the High Seas*. New York: Dutton.
Dillon, D. R. (2000). *Piracy in Asia: A Growing Barrier to Maritime Trade*. Heritage Foundation
Alan Branch *Maritime Economics* [2 ed.]

Athanasios A. Pallis *Maritime Transport, Volume 21: The Greek Paradigm (Research in Transportation Economics)*

Martin Stopford *Maritime Economics, 3rd Edition* [3 ed.]

COB 1242 Microeconomics

Instructional Hours 4

Credits 3

Course Objective:

Discusses about basic principles governing individual entities.

Module I: Basic Concepts

Definition – Micro - Macro distinction, Basic Economic Problem and Solution – Production Possibility Curve, Economic System – Capitalism - Socialism- Mixed Economy- Price Mechanism.

Module II: Consumer Behavior

Demand function - Law of demand - Law of Demand - Elasticity of Demand – Types of Elasticity – Measurement of Elasticity - Demand Forecasting - Methods of Forecasting – Supply - Law of Supply - Market equilibrium - Utility Analysis - Marshallian Utility Analysis - Indifference Curve and Consumer Equilibrium- Price effect, Income and substitution effects - Engel curve- Revealed Preference theory- Consumer surplus - Cardinal and Ordinal measurement.

Module III: Cost Analysis

Production Functions - Isoquants – Isocost Line - Producer's Equilibrium - Laws of Production - Law of Variable Proportions and Law of Returns to Scale - Economies of Scale - Traditional Theory of Costs and Cost Curves – Opportunity and Empirical Cost curves.

Module IV: Market Structures

Market Structure- Perfect competition- Equilibrium of the firm and industry under perfect competition- Role of the time element- Monopoly- Price and output determination under monopoly- Price discrimination- Monopolistic competition- Price output determination and excess capacity under monopolistic competition- Oligopoly: features and types- Kinked demand curve theory.

References

Varian, H.R. Intermediate Microeconomics: A Modern Approach, (5th ed), East West Press, New Delhi.

Pindyck, R.S and Rubinfeld, D.L Microeconomics, Pearson Education.

Koutsoyiannis, A. (1990): Modern Microeconomics, Macmillan.

Salvatore, D (2008): Microeconomics: Theory and Practice, Oxford University Press.

COB 1341 **Macroeconomics**

Instructional Hours 5

Credits 4

Course objective:

Theoretical framework and the working of an economy as a whole

Module I: Macroeconomic Concepts

Macro-Economic Variables – Stock and Flow Variables – Exogenous and Endogenous Variables – Partial and General Equilibrium – Actual GNP and Potential GNP- Net Economic Welfare (NEW)- Macro Statics, Comparative static and dynamics

Module II: National Income Accounting

National Income Concepts and their relationship - Real and Nominal GNP - National Income at Current and Constant Prices-GNP Deflator - Methods of Measurement - Difficulties in the measurement of National Income - Limitations in the present system-Green Accounting - Social Accounting

Module III: Classical and Keynesian theory of income and Employment

Classical approach – Say’s Law – Quantity Theory of Money (Fisher’s Version) – Saving-Investment Equality – Classical Theory of Employment, Output and price level and interest - Principles of Effective Demand - Simple Keynesian model – Keynesian Psychological Law of Consumption (Absolute Income Hypothesis) – Consumption function puzzle - Theories of consumption function – Life cycle, Permanent and Relative income hypothesis

Module IV: Money, Prices and Interest Rate

Money – Functions –Quantity Theory of Money – Monetarism — Pigou Effect – Real Balance Effect- Keynes effect - Interest rate – Real and Nominal - Fisher effect - Inflation, Unemployment and Trade Cycle – Inflation Types - Causes and effects – Inflationary and Deflationary Gap analysis – Stagflation – Phillip’s Curve

– Short run and Long run – Trade Cycle – Meaning and Phases – Theories of Trade Cycle- Hicks, Hawtrey and Hayek - Macro Economic Policy – Objectives – Monetary and Fiscal Policy

References

Mankiw, Gregory : Principles of Macroeconomics, 6th ed. South Western Cengage Learning, USA
Dwivedi, D.N. : Macroeconomics—Theory and Policy, 3rd ed. Tata Mc Graw Hill.
Shapiro, Edward : Macro Economic Analysis – Galgolia Publications, New Delhi

COB 1342 **Maritime Industry in India**

Instructional Hours 5

Credits 4

Course objective:

Discusses the evolution of Maritime Trade in India

Module I: Maritime History of India

Indo-Roman trade relations, Indian Ocean trade, Indus-Mesopotamia relations, Silk route – Spice Trade – Cotton Textile and Trade - Ancient maritime history

Module II: Middle Ages and Maritime Trade

Role of Religion in Trade and Commerce – Trade Route and Peninsular India – Persian and Arab Trade Links – Indo-China and the Maritime Southeast Asia – Indianization of the World – Kerala as the center of Trade

Module III: Trade during the British Era

Trade and British East India Company – World War and Influence on Trade – Bombay Dockyard and Ship Building – Other Port Cities of India

Module IV: Growth of Maritime Trade

Independent India and Trade relations – Post Reform and Trade – Economic Reform and Trade relations – Economic Treaties and influence on Trade

References

Arnold, David The New Cambridge History of India: Science, Technology and Medicine in Colonial India, Cambridge University Press, ISBN 0-521-56319-4.

Chaudhuri, K. N. Trade and Civilisation in the Indian Ocean, Cambridge University Press, Lach,

Donald Frederick (1994), Asia in the Making of Europe: The Century of Discovery, University of Chicago Press, ISBN 0-226-46731-7.

K.M. Panikkar: India and the Indian Ocean: an essay on the influence of sea power on Indian history

COB 1441 **Financial Economics**

Instructional Hours 5

Credits 4

Course objective:

Introduces basic concepts and to provide comprehensive knowledge regarding the role of finance in an economy

Module I: Financial system and Financial Markets

Structure-Functions- Role - Financial system and Economic development. Money market-Meaning-Functions-Instruments of money market - Components of money market- Institutions of money market - Central bank, Commercial bank- Features of Indian money market - DFHI and RBI in Indian Money market.

Module II: Capital Market

Meaning – Functions - Structure - Primary and Secondary markets - Instruments of Capital market - Bonds and debentures, Government promissory notes, Public sector bonds - Initial Public Offer - Secondary Market- Nature and functions of stock exchanges -Settlement and trading in stock exchange- Players in stock exchanges-Speculators-Bulls, Bears, Lame duck, Stag- Kerb trading, Insider trading- Listing of securities

Module III: Security Market Analysis

Risk-Return on risk-types of risk-Security Evaluation-Fundamental Analysis, Technical Analysis - Fundamental Analysis- Constant growth Model, P/E Ratio- Technical Analysis-Dow Theory, Dow-Jones Index, Elliot Wave Theory- Derivatives-Options, Futures/Forwards, Swaps Construction of Stock market indices.

Module I V: Indian Financial System

Structure of Indian Financial System-Organization and management of Indian Stock Exchanges-SEBI - OTCEI, BSE-BOLT, SENSEX-NSE-NEAT,NIFTY, ISE - Depositories in India NSDL, CSDL- Development financial institutions -Pension and Provident Funds, National Pension system and PFRDA (Pension Funds Regulatory and Development Authority) Mutual funds- Venture capital funds- NBFIS, Chit Funds-Credit rating agencies in India-CRISIL, ICRI, CARE - International credit rating agency- Sand P-Financial sector reforms-Narasimham Committee report.

References

Gupta, S B (2007): Monetary Economics Institutions Theory and Policy, Chand and Co Ltd

Smith, P F (1978): Money and Financial Intermediation: The Theory and Structure of the Financial

System, Prentice Hall, New Delhi

Khan, N Y (1996): Indian Financial system, TATA Mc Graw Hill Co Ltd, New Delhi

Bharathi V Pathak(2003):Indian Financial system, Pierson Education, New Delhi

Preethi Singh (2009) : Dynamics of Indian Financial system, markets, institutions and services, Annes Books Pvt Ltd, New Delhi

COB 1442: **International Maritime Law**

Instructional Hours 5

Credits 4

Objective: To produce industry people who can evaluate the laws and legal systems pertaining to water bodies and ports of India from a juristic perspective. On successful completion of the course, a student will enhance his/her skills pertaining to maritime contracts and understand legal issues arising in Fisheries and Marine sectors.

Module I: Introduction to International Law -

Definition, nature and scope of International law- History and development of International Law- Sources and subjects of International law- Succession and responsibilities of a state-Jurisdiction and territory of a state, focus on the law of the sea – UN conventions of the law of the sea- Admiralty law in relation to common law and civil law- Common law of the sea, International sales law and carriage of goods by sea.

Module II: International Maritime Law and Piracy -

Maritime belt, Territorial sea and Contiguous zone, Straits used for International navigation, Archipelagic states, Exclusive economic zone, Continental shelf, High sea- Admiralty and maritime jurisdiction (scope and extent)- Maritime law- Judicial personality of the ship- Maritime liens and priorities- Jurisdiction in matters of collision. Piracy- definition and essential elements of piracy- Unrecognized insurgents- Warship and government ship in piracy- Crime in piracy.

Module III: Maritime Security and Dispute Settlement Mechanism -

Introduction- Maritime agreements and security- Passage of warships, Military activities - beyond the territorial seas- International law of maritime security in monitoring the movement of ships and seafarers, Information sharing and law enforcement. Law of the sea and UN conventions- Means of the dispute settlement- International Tribunal for law of the sea- Advisory jurisdiction.

References

Aleka Mandaraka- Sheppard- Modern Maritime Law(2Edn), 2009.

COB 1541 Dynamics of Economies

Instructional Hours 4

Credits 4

Course objective:

Enabling to comprehend and critically appraise current issues and problems of India and Kerala.

Module I: Dynamics of Demography

Demographic Trend and Pattern in India and Kerala- Changes in Major Demographic Indicators
Changes in Rural –Urban Population – Urbanisation Issues – Challenges from Demographic
Dividend - National Population Policy 2000 - Census 2011.

Module II: Development Strategies

Comparison of Development strategies of India and Kerala - Economic Mixed
Economic Framework - Key and Strategic Role of PSUs – Economic Crisis of
1990 – Macro Economic Reforms Implemented Since 1991-Structural Adjustment
Programmes - Fiscal and Financial Sector Reforms - Performance of Indian Economy before and
after Economic Reforms -External Sector Reforms -- Second Generation Reforms - Critical
Assessment of Kerala Model of Development.

Module III: Sectoral Dynamics

Role of Agriculture -Land Reforms - Green Revolution — Need for Second Green Revolution -
Agricultural Growth and Performance – New Agricultural Policy – Changes in Land use and
Cropping Pattern-Agricultural Finance and Issues - Agriculture during Economic Reform Period -
Role of Micro, Small and Medium Scale Industries (MSMEs) in Indian Economy Its problems and
remedies- Relevance of MUDRA Bank - Role and Performance of Service sector in India and
Kerala.

Module IV: Development Issues

Rationale of Planning-Basic Strategies, Objectives and Achievements of Planning in
India-Strategies of 12th Plan, Inclusive Development-NITI Aayog - Concept of Poverty and
Poverty Line-Trends and Pattern of Urban and Rural Poverty in India and Kerala- Poverty
alleviation Schemes - Structure and Growth of Employment-Trend and Pattern of Unemployment-
Role of infrastructure - Both Physical and Social - Issues of Financing Infrastructure development
in India - Energy, transport and communications – Industrial Backwardness in Kerala.

References

Uma Kapila : Indian Economy since Independence, Academic Foundation, New Delhi.

Mishra, J K and V K Puri : Indian Economy: The Development Experience, Himalaya Publishing
House, Mumbai.

Oommen, M.A. : Essay on Kerala Economy, Oxford & IBH.

Planning Commission : Kerala Development Report, Academic Foundation, New Delhi Ravi Raman, K : Development,
Democracy and the State : Critiquing the Kerala Model of Development, Routledge

COB 1542 **Introductory Econometrics**

Instructional Hours 4

Credits 3

Course objective:

Discusses the importance role played by the traditional fishermen and its effects on the economy

Module I: Econometrics and Statistical Inference

Nature and scope of Econometrics, Normal distribution; chi-sq, t- and F- distributions, Estimation of parameters, Testing of hypotheses, Defining statistical hypotheses, Distributions of test statistics, Testing hypotheses related to population parameters, Type-I and Type-II errors; Power of a test, Tests for comparing parameters from two samples.

Module II: Simple Linear Regression Model

Estimation of model by method of ordinary least squares, Properties of estimators, Goodness of fit, Testing of Hypotheses, Scaling and units of measurement, Confidence intervals, Gauss Markov Theorem, Forecasting

Module III: Multiple Linear Regression Model

Estimation of parameters, Properties of OLS estimators, Goodness of fit- R^2 and Adjusted R^2 , Partial regression coefficients,

Module IV: Violations of Classical Assumptions and Specification Analysis Consequences, Detection and Remedies, Multicollinearity, Heteroscedasticity, Serial Correlation, Omission of a relevant variable, Inclusion of irrelevant variable, Tests of specification

References

Damodar N. Gujarati Basic Econometrics
Jeffrey Wooldridge Basic Econometrics

COB 1543: Maritime Shipping & International Trade

Instructional Hours 4

Credits 3

Objective

To create industry experts who are skilled and well versed with technologies and procedures of Maritime Shipping, International Trade & Export Import policies. This study gives an insight to latest trends in Logistics, Governing Bodies and a synopsis about how to start an export business, the licensing authorities, arranging finance and other procedures involved.

Maritime Transportation has been and still remains the backbone of global trade. Shipping involves planning and identifying the most profitable trade routes around the world, the volume of cargo available on these routes, the number of ships that must be employed on these routes, the ports that this service must call in order to maximise business, the transit days that a ship will take for a round trip, the cost per voyage including operational costs, port costs, fuel costs, the man power required.

International trade is the exchange of capital, goods, and services across international borders or territories because there is a need or want of goods or services. In most countries, such trade represents a significant share of gross domestic product (GDP). International trade, economic transactions that are made between countries. International trade transactions are facilitated by international financial payments, in which the private banking system and the Central banks of the trading nations play important roles. International trade between different countries is an important factor in raising living standards, providing employment and enabling consumers to enjoy a greater variety of goods.

Module I: Evolution & Scope of Maritime Shipping

Evolution of Container Ships, History of Container Liner Shipping, Introduction to liner Shipping, History of Container Liner Shipping, World Container Traffic & average TEU's, World Container Ports and rankings. Liner Service Networks, Market Share-Top 20 Operators, Shipping Demand & Supply, Major Ports, Container Routes & Transshipment Points, Types Of Shipping Containers And Volume, International Maritime Organisation(IMO),FIATA,NVOCC

Module 2: International Trade Procedures

Relationship between International Trade & Economic development, Importance of External Trade, WTO-Regulations & Roles in World Trade, International Trade Laws, Trade Agreements between Countries, Foreign Trade Policy of India(FTP

2015-2020),Major Exports & Imports, External Debt & Commercial Borrowings, Export Promotion Council, Recent Trends in International Trade, Entities Involved in Foreign Trade

Module 3

Export Import Procedures, Export Transaction Flow chart, Export Contract,Incoterms, Freight Forwarding & Clearing, Shipping Documentation, Port Procedures, Marine Insurance, Financial Assistance from Commercial Banks, Compliance to legal Procedures, Exim Policy, Export Business & Incentives, Customs &Tariff.

References:

A Complete Guide to Effective Shipping and Port ManagementDong-Wook Song, Photis Panayides
International Trade & FinanceBook by Joseph Kolawole Okunato
Export Import Management 1 Edition (English, Paperback, JUSTIN PAUL, RAJIV ASERKAR)
Understanding Global trade By Elhanan Helpman
Essentials of Supply Chain Management By Michael H Hugos
Websites:www.dgft.gov.in.

COB 1641 **International Business and Trade**

Instructional Hours 5

Credits 4

Course objective:

Demonstrates how international business variables affect the trade process.

Module I : . International Business

Definition international business, the rise of globalization, U.S. position in international trade, Theories of International Trade & Investment, § the advantages of specialization, the concept of comparative advantage

Module II : International Monetary System and Financial Markets

Role of the International Monetary Fund (IMF), Fixed and floating exchange rates

Impact of European currency (EURO), calculate foreign exchange rates, foreign exchange market functions

Module III : Economic Integration and Investment Polices

Levels of economic integration, Various arguments of economic integration, Organization of the European Community, Foreign aid in international trade and investment, Goals and function of GATT and NAFTA, Regulation of international business behavior, Foreign Corrupt Practices Act, International law in the conduct of international business

Module IV : Cultural Challenge and International Business

The role of culture in international business, identify various elements of culture various entry strategies used by firms to initiate international business activity, indirect exporting and importing, advantages and disadvantages of licensing, international logistics, free trade zones, Selection of Target Market, pricing strategy for export items, analysis for estimating market potential, need for changes in HR and global differences

References:

Peter Gillies, Gabriel Moens International Trade and Business: Law, Policy and Ethics

Julian Emami Namini International Trade and Multinational Activity. Heterogeneity of Firms, Incentives for Foreign Direct Investment, and International Business Cycle Dynamics

Jonathan Reuvid The Handbook of Country Risk: A Guide to International Business and Trade

COB 1642: Maritime Logistics

Instructional Hours 4

Credits 3

Course objective:

Introduces students to vital logistics functions comprising distribution, transportation, material handling and storage system and to give them an understanding of basic logistics principles to ensure competitive advantage in the industry

Module I : . Maritime Logistics

Introduction to Logistics-Logistics and Competitive Strategy-Competitive advantage- Gaining competitive advantage through logistics- marketing and logistics interface-Customer service-Customer service and customer retention- Benchmarking the logistics process-Mapping and Managing the supply chain Developing the logistics organization-Logistics as the vehicle for change

Module II : Elements of Port Management

Definition - Types and Layout of the Ports – Main functions and features of ports Main services - Ports and their stakeholders – Port Operations - Berths and Terminals - Pre- shipment planning - Cargo security - Phases of port development - Ship development and port development Regulatory Framework for Ports - Port ownership structure - Port ownership structure in India.

Module III : Elements of Shipping Management

Functions of Shipping - Types of ships - Ship's tonnages (GT, NT, DWT) – Cargo carrying capacity. Ship owners, operators and managers, Ship Registration, Ship Insurance - Ship management cost function - Budget preparation – Account processing and reporting. Ship Cargo - Crew Management and Ship Manager's Legal Relations

Module IV: Shipping Economics

Shipping Economics-Sea Transport and the Global Economy- Shipping Market Cycles - Shipping cycles and shipping risk- shipping Market Model- Four shipping markets-Cash flow and the art of survival of shipping company- Classification of costs - Financing Ships, Shipping Companies – Risk and Returns

References:

Martin, Christopher, Logistics and Supply Chain Management. 2nd edition.Pearson: New Delhi.

Agrawal, D. K. Textbook of Logistics and Supply Chain Management. MacMillan: New Delhi.

Cob: 1644: **Project: Analysis of Regional Development Issues**

Credits 4

Objectives

- Enable them to develop their inert skills
- Encourage individual initiative for enhancing their potential
- Empower them to develop entrepreneurial skills

Students can select one of these options which is mandatory for the successful completion

Options I

Undertake research study on relevant Regional Development Issues. The researcher is expected to publish it as an article/research paper in any print media or any other media of their choice.

Options II

Associate with any non-governmental organization or any institution or department involved in the welfare of the downtrodden sections of the society under a meaningful research project.