



ST. XAVIER'S UNIVERSITY, KOLKATA

SYLLABUS FOR FOUR YEAR BACHELOR OF MANAGEMENT STUDIES (BMS) SEMESTER II

Academic Year 2023 -2024

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[Business Accounting], [4 credits], [Semester II] [Discipline Specific Core]

Course Outcomes (COs):

After completing this course, the student will be able to:

- CO1. Describe the basic terminologies, concepts, and conventions relating to Business Accounting.
- CO2. Understand the theoretical framework of accounting and the steps involved in the accounting process.
- CO3. Apply the generally accepted accounting principles and ethics in preparing the financial statements of sole proprietorship firms and corporate entities.
- CO4. Analyse and interpret the financial statements of corporate entities using different techniques of financial statement analysis.
- CO5. Evaluate the financial performance and position of corporate entities based on the analysis of their financial statements.

Course Content

Module No	Module Name	Topic(s)	Description	No. of Hours allotted	Marks allotted	Credit of each Module	Associated Course Outcomes (COs)
I	Introduction to Business Accounting	Basic accounting terminologies	Theoretical Framework & Transaction Processing	15	20 %	0.8	CO1, CO2
		Accounting Principles: Concepts and conventions; Ethics in Accounting					
		Overview of AS, IFRS, and IND AS; Scope and Applicability of IND AS					
		Accounting Equation					
		Accounting Process					
		Journal, Ledger, and Trial Balance					
II	Final Accounts of Sole Proprietorship Firms	Measurement of gross profit and net profit: Trading and Profit & Loss Account	Preparation of Final Accounts (with adjustments)	9	15 %	0.6	CO1, CO2, CO3
		Ascertainment of Financial Position: Balance Sheet					
I	Company	Presentation of Financial Statements	Preparation of company	12	20	0.8	CO1, CO2, CO3, CO4

I I	Final Accounts	Statement of Profit and Loss	final accounts as per Companies Act, 2013		%		
		Balance Sheet					
		Contents of Annual Report					
I V	Cash Flow Statement	Meaning and importance	Preparation of Statement of Cash Flows as per IND AS 7	9	20 %	0.8	CO1, CO2, CO3, CO4
		Classification of cash flows					
		Preparation of Statement of Cash Flows					
V	Financial Statement Analysis	Meaning and objectives of financial statement analysis	Evaluation of financial performance and position	15	25 %	1	CO1, CO2, CO3, CO4, CO5
		Techniques of financial statement analysis: Horizontal Analysis, Vertical Analysis, and Trend Analysis					
		Meaning and usefulness of financial ratios					
		Types of financial ratios: Liquidity Ratios, Solvency Ratios, Turnover Ratios, Profitability Ratios, and Capital market related ratios					
		Computation of ratios from financial statements					
		Computation of financial statement items from ratios					
		Limitations of ratio analysis					

Suggested Readings:

Text Books:

1. R. Narayanaswamy- Financial Accounting: A Managerial Perspective, PHI Learning
2. Hanif and Mukherjee - Financial Accounting –McGraw –Hill Education India Pvt.Ltd

3. M.C Shukla and T. S Grewal – Advanced Accountancy, S. Chand, New Delhi
4. Maheswari and Maheswari –Financial Accounting, Himalaya Publishing Co.
5. R.L. Gupta and M. Radhaswamy – Advanced Accountancy, Sultan Chand, New Delhi
6. A. Basu – Financial Accounting, TEE DEE Publication, Kolkata.
7. D.S. Rawat – Student’s Guide to Accounting Standard, Taxman, New Delhi
8. Accounting Standard – Issued by ICAI / www.icaai.org

CO-PO Mapping

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	L (1)						L (1)
CO2	M (2)						M (2)
CO3	M (2)				M (2)		
CO4	H (3)						M (2)
CO5	H (3)						M (2)
	2.2				2		1.75

*** H means High relevance, M means Medium relevance, L means Low relevance*

Evaluation Plan

CIA PLAN (out of 30 marks)

Evaluation Components	Mode	Full Marks	PO (for Rubrics)
Mid Semester Exam	Individual	20	
Assignments/ Presentation {tentatively after 20 th session)	Individual/ Group	5	
Attendance	Individual	5	
TOTAL		30	

END SEMESTER EXAMINATION (out of 70 marks)

Evaluation Components	Mode	Full Marks	PO (for Rubrics)
End Semester Exam	Individual	70	

BUSINESS MATHEMATICS

Semester: II	Paper Code:	Credit: 04	Paper Type: Minor
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Course Outcomes (CO)

By the conclusion of this course, students will be able to

- CO1. Recall and remember the fundamental mathematical concepts, principles, and formulas of business mathematics.
- CO2. Demonstrate an understanding of the underlying theories, principles, and techniques of business mathematics, and apply them to real-world business scenarios.
- CO3. Apply business mathematical methods and techniques to solve problems related to finance, investments, statistics, and other business-related calculations.
- CO4. Analyse complex business problems using mathematical models, statistical data, and other relevant tools, in order to make informed business decisions.
- CO5. Evaluate the outcomes, results, implications of business mathematical analyses, applying critical thinking skills to assess the effectiveness and feasibility of different approaches.

Course Content

Module No.	Module Name	Topics	Description	No. of hours allotted	Marks allotted	Credit of each module	Associated Course outcome (CO)
I	Introduction	<ul style="list-style-type: none"> • Definition of Sets, Presentation of Sets • Different types of sets-null set, Universal set, Subset • Union, Intersection • Complement and difference of sets • Rules of operations with sets • Venn-Diagrams • Arithmetic and Geometric Progressions-nth term and sum of series • Sum of squares and sum of cubes of natural numbers • The cardinality of a set – Finite and Infinite sets • The principle of inclusion-Exclusion. 	Set Theory, Operations on sets	6	10%	0.4	CO1
II	Permutation and combination	<ul style="list-style-type: none"> • Permutation as Arrangement • Factorial Notation, Principle of counting • Theorems on permutation • Permutation with repetitions • Restricted permutations • Combination as Selection • Theorems on combination • Basic identities • Restricted combinations, Basic Applications. 	Permutations and combinations	6	10%	0.4	CO2
III	Matrices and Determinants	<ul style="list-style-type: none"> • Algebra of matrices • Inverse of a matrix • Matrix Operation • Business Application • Rank of a Matrix • Solution of system of linear equations (having unique solution and involving not more than three variables) 	Matrix Operations	6	10%	0.4	CO3

		<ul style="list-style-type: none"> using matrix inversion Method and Cremer's Rule 					
		<ul style="list-style-type: none"> The Leontief Input Output Model (Open Model Only). 					
IV	Functions , Limit of a function	<ul style="list-style-type: none"> Mathematical functions and their types-linear, quadratic, polynomial, exponential, Logarithmic function, 	Functions, Limit, Continuity	12	20%	0.8	CO2
		<ul style="list-style-type: none"> Limit of a function 					
		<ul style="list-style-type: none"> Continuity of a function 					
V	Derivative and Applications of Derivative	<ul style="list-style-type: none"> Derivative of a function up to 2nd order (Trigonometric function excluded) 	Derivative, Application of derivative, Partial Derivative	12	20%	0.8	CO4 & CO5
		<ul style="list-style-type: none"> Partial derivative up to 2nd order, derivative by total differential 					
		<ul style="list-style-type: none"> Application of derivative: slope measure, Rate measure 					
		<ul style="list-style-type: none"> Increasing, decreasing function 					
		<ul style="list-style-type: none"> Maximum – Minimum value, cost function, MR, MC, AC, AVC 					
VI	Theory of Probability	Basic terminology , different definitions, Definition of probability	Probability , Conditional probability	6	10%	0.4	CO3 & CO4
		Conditional Probability					
		Total Probability Theorem					
		Bayes' Theorem and applications					
VII	Linear Programming	<ul style="list-style-type: none"> Formulation of linear programming problem 	LPP Formulation and Graphical solution	6	10%	0.4	CO5
		<ul style="list-style-type: none"> Graphical solution to LPP 					
		<ul style="list-style-type: none"> Cases of unique and multiple optimal solutions. Unbounded solutions, 					

		infeasibility, and redundant constraints.					
		<ul style="list-style-type: none"> Degeneracy concept using rank of a matrix. 					
VIII	Mathematics of Finance	<ul style="list-style-type: none"> Interest-Simple and Compound Interest (Annual, Semi-annual, Monthly and Continuous Compounding) Annuity-Concept and Applications Present value and Future value Applications in Loan payment, Interest and Instalments 	Compound Interest and Annuities	6	10%	0.4	CO1

Suggested Readings:

Text Books:

- J. Chakrabarty, Business Mathematics & Statistics, Dey Book

Concern

- N G Das & J K Das, Business Mathematics and Statistics, Tata McGraw Hill

Reference Books:

- Robert G. Bartle, Introduction to Real Analysis, John Wiley & Sons, Inc.
- S. K. Mapa, Higher Algebra- Abstract and Linear, Sarat Book Distributors
- Richard I. Levin, Davis S. Rubion, Sanjay Rastogi and HM Siddiqui, Statistics for Management. 7th ed., Pearson Education
- N. D. Vohra: Quantitative Management, Tata McGraw Hill

CO-PO mapping:

CO/PO	PO1 Critical Thinking	PO2 Effective Communication	PO3 Social Interaction	PO4 Effective Citizenship	PO5 Ethics	PO6 Environment and Sustainability	PO7 Self-directed and Life-long Learning
CO1			M	M			H
CO2		H		M			M
CO3	H			M			

CO4	H	M					M
CO5	H	H	M				H

*** **H** means High relevance, **M** means medium relevance, **L** means Low relevance

CIA PLAN (out of 60 marks)			
Evaluation Components	Mode	Full Marks	PO (for Rubrics)
Surprise Quiz1 (tentatively after 10 th session)	Individual	--	
Surprise Quiz2 (tentatively after 25 th session)	Individual	--	
Mid Semester Exam	Individual	60	PO1, PO2
Assignment (tentatively after 15 th session)	Group	--	
Project Presentation (tentatively between 35 th -40 th session)	Group	--	
TOTAL		60	

END SEMESTER EXAMINATION (out of 100 marks)			
Evaluation Components	Mode	Full Marks	PO (for Rubrics)
End Semester Exam	Individual	100	PO1, PO2, PO3, PO4 & PO7

Course Name: Issues in Indian Economy**Course Code:****Credit: 3****Semester: 2****Course Objective: (CO)**

CO1: Students will be able to identify the major economic trends in India with regard to major indicators like growth; employment; inflation; unemployment and others. (BL1)

CO2: Students will be able to understand the relative performance of Indian economy vis-a-vis rest of the world. (BL2)

CO3: Students will be able to explain the debate over growth versus development in Indian Economy (BL3)

CO4: Students will be able to analyze India's economic policies and the changes there in from planning to post liberalization period. (BL4)

CO5: Students will be able to evaluate the performance of the Indian economy and develop their own understanding about the problems faced by the Indian economy. (BL5 & BL6)

Course Content:

Module No.	Module Name	Topic	No. of Lecture Hours allotted	Marks Allotted	Associated CO
1	Trends in Indian Economy	Indian Economy since independence : Trend in major economic indicators Structural transformation in Indian Economy Indian economy from the perspective of global economy : a comparative analysis	15	33.33%	CO1, CO2
2	Issues in Economic Growth vs Development	India's growth story: where do we stand now? India's performance in terms of poverty, inequality and HDI. Trend in Education; health : Analysing India's performance from Sen's capability approach	15	33.33%	CO2, CO3, CO4, CO5
3	India's economic policies since	India's economic policies from 1950-	15	33.33%	CO2, CO3, CO4, CO5

	independence	1991 New economic policies ; post economic liberalization Understanding economic policies from the perspectives of political economy			
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Suggested Readings:

Dreze, J., & Sen. A. (2013). *An Uncertain Glory: India and its Contradictions*. Penguin. New Delhi

Jha, R. (Ed.). (2008). *The Indian Economy Sixty Years After Independence*. Springer.

Kapila, U. (2022). *Indian Economy since Independence*, (33rd ed.). Academic Foundation. New Delhi

CO-PO Mapping:

CO/PO	PO ₁	PO ₂	PO ₃	PO ₄	PO ₅	PO ₆	PO ₇
CO ₁	M	M		M			M
CO ₂	M	M		M			M
CO ₃	M	M		M	M		H
CO ₄	H			M	M		H
CO ₅	H			H	H		H
Total	2.4	2		2.25	2.33		2.6

*H/M/L: High/Medium/Low level of mapping (H=3; M=2; L=1)

CO Score: 2.32

CIA Plan

Evaluation Components	Mode	Full Marks	% Weightage (in 100 marks)	Scale Value (A)	PO (Rubrics)
CIA Written Test (WT)	Individual	50	20%	20	CO1, CO2, CO3
Other Component	Individual/Group	05	5%	05	CO2, CO3, CO4, CO5
Attendance	Individual	05	5%	05	
Total				30	

END SEMESTER EXAMINATION

Evaluation Components	Mode	Full Marks	% Weightage	Scale Value (B)	PO (Rubrics)
End Semester	Individual	100	70%	70	CO1, CO2, CO3, CO4, CO5

Full Marks (A + B) = 100

Pass Marks 40

[Communicative English-II], [2 credits], [Semester 2] [Ability Enhancement - AEC]

Course Outcomes (CO):

After completing this course, the student will be able to -

- CO1. To understand the basic methods of reading and comprehending a passage to enable students to identify main ideas and draw relevant inferences
- CO2. To analyze the role of communication in a professional and personal space and develop an interactive ability
- CO3. To examine the need to write formal business letters and emails using appropriate vocabulary and develop advanced communication skills
- CO4. To evaluate methods of group discussion and mock interviews to prepare the students for real life situations
- CO5. To create effective communicators with the ability to express themselves in the workplace and elsewhere

Course Content

Module No	Module Name	Topic(s)	Description	No. of Hours allotted	Marks allotted	Credit of each Module	Associated Course Outcome
1	Reading Comprehension	Skimming and scanning, identifying main ideas, drawing inferences	Related texts should be selected by the concerned faculty member of the department for practicing comprehension skills	7.5	25%	0.5	CO1, CO5
2	Business English	Role of Communication in the business world – introduction		15	50%	1.00	CO2, CO3
		Business letters					
		Meetings - Writing					

		Notice, Agenda, Minutes					
		CV & Cover Letter					
		E-mail					
		Writing Reports - types (commercial)					
		Writing Business Proposal					
3	Soft Skills	Skills of listening, speaking, reading & writing in theory.	Listening Skills	7.5	25%	0.5	CO4, CO5
			Linguistic fluency				
		Group Discussion	Concept of a Group Discussion				
			Interview, Types of Group Interviews, Skills Evaluated in a GD, Methods to Adopt in a Group Discussion				
			Mock Group Discussions				

Suggested Readings:

Text Books:

1. Raymond Murphy, *Intermediate English Grammar*, Cambridge University Press
2. Martin Hewings, *Advanced Grammar in Use*, Cambridge University Press
3. W. Stannard Allen, *Living English Structure (5th Edition)*, Pearson Publications
4. E. Sureshkumar and P. Sreehari, *Communicative English*, E. Orient Blackswan
5. Tony Lynch, *Study Listening*, Cambridge University Press
6. Jeremy Comfort, *Speaking Effectively*, Cambridge University Press

CO-PO Mapping : *H/M/L: High/Medium/Low level of mapping (H=3; M=2; L=1):

CO-PO Mapping

CO/ PO	BL	PO 1	PO 2	PO 3	PO 4	PO5	PO6	PO7
CO1	1, 2	H	H					
CO2	2, 3		H	H				
CO3	4, 5							H
CO4	5		M	H				H
CO5	6				L			H
		3/1	8/3	6/2	1/1			9/3
		3	2.6	3	1			3

** *H means High relevance, M means Medium relevance, L means Low relevance*

CIA Plan

Evaluation Components	Mode	Full Marks	% Weightage (in 100 marks)	Scale Value (A)	PO (Rubrics)
CIA Written Test (WT)	Individual	25	20%	10	
Other Component	Group	10	5%	2.5	
Attendance	Individual	10	5%	2.5	
Total				15	

END SEMESTER EXAMINATION

Evaluation Components	Mode	Full Marks	% Weightage	Scale Value (B)	PO (Rubrics)
End Semester	Individual	50	80%	35	

Full Marks (A + B) = 50 Pass Marks 20

E – Commerce - 3 Credit Full Marks 100. Skill Enhancement Course.

Course Outcomes (COs) (Tentative):

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
1	REMEMBERING	To relate the concept of E-commerce and traditional commerce.
2	UNDERSTANDING	To describe E-Commerce based on different business models and strategies.
3	APPLYING	To practice, classify and compare between different modes of electronics payment mechanisms.
4	ANALYSING	To analyze functions, scopes and risks involved in E-Commerce Industry.
5	EVALUATING AND CREATING	Assess and evaluate emerging ethical, legal, and policy issues related to internet regulation AND to be able to work with E-Commerce business

Detailed Syllabus

Module Number	Module Name	Topics	Description	No. of Hours allotted	Marks allotted	Credit of each module	Associated course outcomes (COs)
I	Overview of E-Commerce	<p>1.1 Concepts, advantages, disadvantages, e-commerce business models (introduction, key elements of a business model and categorizing major E-commerce business models - B2B, B2C, C2C, B2G, C2G, G2G), Revenue Models of e-commerce (Advertising Revenue Model, Sales Revenue Model, Subscription based Revenue Model, Referral fee Revenue Model, Pay Per Click Revenue Model)</p> <p>1.2 Basic concepts of Internet Architecture – Types of Server (Web, Database, Mail, File), Protocol (http, ftp), WWW, URL. Basic concepts of Web publishing (domain registration, web hosting, launching).</p>	Introduction	9 hours	20%	.6	CO 1, CO 2
II	Transactions in Ecommerce	<p>2.1 <u>E-Payment System</u>: Methods of e-payment (Debit Card, Credit Card, Smart Cards, e-money), payment gateways. Online banking (concept, importance, electronic fund transfer – RTGS, NEFT). Basic concept of CBS. Risks involved in e-payments (Tax evasion, Fraud, Impulse buying, Payment conflict).</p> <p>2.2 <u>E-Marketing</u>: Concept, types of e-marketing, means of advertising [Banner, Pop-up, sponsored link, email], e-branding, SEO-Basics, onsite and offsite optimization techniques.</p>	E-Payment System	9 hours	20%	.6	CO 3

III	Security and Encryption	<p>3.1 Dimensions of E-commerce security, Security threats in the E-commerce environment – malicious codes (virus, Trojan, worm), hacking, spoofing, sniffing, phishing, cyber-vandalism.</p> <p>3.2 Technology solutions (Encryption, Decryption, Symmetric & Asymmetric Encryption, Secured Electronic Transaction (https, SSL), protecting networks (Firewall, DMZ)).</p>	E-Security	9 hours	20%	.6	CO 4
IV	Mobile Commerce	<p>4.1 Challenges of E-commerce – Global Mobile E-Commerce – Secure Mobile Commerce</p> <p>4.2 Secured Payments through Mobile – First Mobile Commerce Service.</p>	M-Commerce	3 hours	6%	.18	CO 2, CO 3
V	Word Processor	<p>5.1 Features of Word Processor - Entering text, Formatting (Font, Paragraph & Page), editing & saving a document, finding, and replacing text, creating hypertext links, Drop cap.</p> <p>5.2 Working with Tables - Inserting, filling and formatting a table,</p> <p>5.3 Tools - Language Checking Tools, Mail Merge including linking with Spreadsheet & Database, Autocorrect, Macro, Tracking.</p>	Word Processing	6 hours	12%	.36	CO 5
VI	Electronic Spreadsheet	<p>6.1 Numerical Data Representation using formatting features for cell, Font, Column, Row, Work Sheet, Introduction to Cell Address, Name, Using Name in formula.</p> <p>6.2 Numerical Data Analysis using</p> <p>6.3 FUNCTIONS-Mathematical (Count, Sum, Average, CountIf, Max, Min) Logical (If, nested IF, OR, AND), Financial (NPV, IRR, NPER, PV, FV, RATE, PMT, IPMT, SLN, DB), Statistical Functions (Mean,</p>	Spreadsheet Calculation	6 hours	12%	.36	CO 5

		Median, Mode, Standard Deviation, Correlation, Regression) 6.4 GRAPHS-LINE, BAR, AREA, PIE etc.					
VII	Website Design	Website building using Google sites / HTML / Shopify	Website design	3 hours	10%	.3	CO 5

CO – PO Mapping:

CO / PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CO 1						M	M
CO 2	L	M					
CO 3		H		M			
CO 4	M				M		
CO 5	M			M			
Total	$(1 + 2 + 2) = 5$	$(2 + 3) = 5$		$(2 + 2) = 4$	2	2	2
Average	$(5 / 3) = 1.67$	$(5 / 2) = 2.5$		$(4 / 2) = 2$	$(2/1) = 2$	$(2/1) = 2$	$(2/1) = 2$
Average of averages:	$(1.67 + 2.5 + 2 + 2 + 2 + 2) / 6 = (12.17 / 6) = 2.03$						

Plan of Evaluation:

Theory (75 Marks out of 100)		LAB (25 Marks out of 100)	
CIA (25 Marks)	ESA (50 Marks)	CIA (0 Mark)	ESA (25 Marks)
20 for written test + 5 for attendance	50 for written test		5 for Assignments + 15 for Experiments + 5 for Viva

Suggested Textbooks: (Theory)

1. P T Joseph, E-Commerce: An Indian Perspective, PHI Learning
2. Kenneth C. Laudon and Carlo Guercio Traver, E-Commerce, Pearson Education.

Reference Book:

1. K K Bajaj and Debjani Nag, E-commerce, McGraw Hill Education

Suggested Text Books: (Practical)

1. Introduction to Information Technology, ITL Education, Pearson Education

Environmental Studies and Sustainability SEMII [Credit 2]

Courses Outcome

CO1 Recognize the historical context of human interactions with the environment and resources that sustain life and govern economy.

CO2 Understand the concept of natural resources; identify types of natural resources, their distribution and use with special reference to India. Also to understand the major international institutions and programmes and the role played by them in the protection and preservation of the environment

CO3 Determine the root cause of various pollution, its impact on human health and the consequences of species extinction

CO4 Detect the reasons of various environmental conflicts and disaster in India

CO5 Support sustainability as a practice in life, society, and industry.

Module No	Module Name	Topic	No of hours allotted	Marks allotted	Credit of each Module	Associated Course outcome (CO)
1.	Humans and the Environment	1.1 Introduction and multidisciplinary nature	2	6.67%	0.1334	CO1
1.2 Human population growth: Impacts on environment and its control; Global Environment change (Major Reason)						
1.3 The emergence of environmentalism: Anthropocentric and eco-centric perspectives (Brief idea), UN Conference on Human Environment 1972; Limits to Growth; Rio Summit						
2.	Natural Resources, Local, Regional and Global Environmental Issues and Sustainable development	2.1 Definition and classification of natural resources 2.2 Water resource: Definition Environmental impact, Conflicts over water, Water conservation 2.3 Soil and mineral resources: Mineral exploitation;	7	23.33%	0.4666	CO1, CO5 CO1 CO2, CO3, CO4

		<p>Environmental problems due to extraction of minerals and uses;</p> <p>2.4 Energy resource: Renewable and non renewable energy</p>				
		<p>2.5 Land use and land cover change: Land degradation, soil erosion deforestation, desertification and urbanization</p> <p>2.6 Global change: Global warming, Ozone layer depletion, Acid rain and Photo-chemical smog</p> <p>2.7 Introduction to sustainable development: Sustainable Development Goals (SDGs)- targets and indicators, challenges and strategies for SDGs</p>				
3.	Biodiversity Conservation and Ecosystem	<p>3.1 Ecosystems and ecosystem services : Structure and functions of ecosystem</p> <p>3.2 Ecosystem values</p> <p>3.3 Biodiversity and its distribution: Levels and types of biodiversity; Biodiversity <i>hotspots</i></p> <p>3.4 Threats to biodiversity and ecosystems: Habitat loss, poaching of wildlife, man-</p>	6	20%	0.4000	CO2

		wildlife conflicts; Conservation of biodiversity				
4.	Environmental pollution, Climate Change Impacts and Awareness	<p>4.1 Understanding pollution: Air pollution, Water pollution, Soil pollution and Noise pollution, E-waste and Biomedical waste</p> <p>4.2 Environmental standards: MINAS, NAAQS, BIS</p> <p>4.3 Recent issues and pollution tragedies</p> <p>4.5 Understanding climate change: Natural variations in climate; Structure of atmosphere; Causes and impacts of Climate change, Mitigation of climate change</p>	9	30%	0.6	CO ₂ , CO ₄
5.	National and international legal framework	<p>5.1 Major International Environmental Agreements</p> <p>5.2 Introduction to environmental laws and regulation: Constitutional provisions- Article 48A, Article 51A (g) and other derived environmental rights</p> <p>5.3 Environmental legislation in India</p> <p>5.4 Environmental management system: ISO 14001, Life cycle analysis; Cost-benefit analysis,</p>	6	20%	0.40	CO ₂

		Environmental audit and impact assessment; Environmental clearance , Ecolabeling /Ecomark scheme, green investment; CSR and emission trading				
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Suggested Reading

1. Mitra, A. K and Chakraborty, R. (2016)*Introduction to Environmental Studies*, Book Syndicate.
2. Fisher, Michael H. (2018) *An Environmental History of India- From Earliest Times to the Twenty-First Century*, Cambridge University Press.
3. Gleeson, B. and Low, N. (eds.) (1999). *Global Ethics and Environment*, London, Routledge.
4. Harris, Frances (2012) *Global Environmental Issues*, 2nd Edition. Wiley- Blackwell.
5. Bawa, K.S., Oomen, M.A. and Primack, R. (2011) *Conservation Biology: A Primer for South Asia*. Universities Press.
6. Krishnamurthy, K.V. (2003) *Textbook of Biodiversity*, Science Publishers, Plymouth, UK
7. Ahluwalia, V. K. (2015). *Environmental Pollution, and Health*. The Energy and Resources Institute (TERI).

CO/PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1						M		
CO2						M		
CO3						M		
CO4						M		
CO5						M	L	

CIA PLAN(OUT OF 10)

Evaluation Components	Mode	Full Marks	PO(For Rubrics)
Internal assessment	Individual	10 Marks- (total marks is 25and will be scaled down to 10 marks)	
Assignment	Group(Poster Presentation)	12.5 Marks- 5 Marks for Poster Presentation 2.5 Marks for	

		Awareness Camp 5 Marks for Report Submission Awareness Camps)	
Attendance	Individual	2.5	

END SEMESTER EXAMINATION (OUT OF 25)

Evaluation component	Mode	Full Marks	PO
End Semester Exam	Individual	25 Marks ((total marks is 50and will be scaled down to 25 marks)	

DEBATRI BANERJEE

DR. RAJRUPA SINHA ROY

01.08.2023

Understanding Indian Constitution

Course Code [], [2 credits, 50 marks], [],

[Nature: Value Added Course

Course Outcomes (CO):

At the end of this course, students will be able to

CO1: Understand the concept, necessity and value of the Constitution as a Bill of Rights, and as a federal compact.

CO2: Appreciate the constitutional character of India as a welfare state.

CO3: Understand and analyse the relationship between the state and the people, especially in terms of the limits on the former in relation to the latter, and the obligations of the former towards the latter.

CO4: Appreciate the fundamental duties of citizens as participant actors of the welfare state.

CO5: Understand and analyse the federal structure of the constitutional polity and the scheme of distribution of powers between the Union and the States.

Course Content:

Module No.	Module Name	Topic(s)	Description	No of Hours allotted	Marks allotted	Credit of each Module	Associated Course Outcome (CO)
I	Introduction to Indian Constitution	<ul style="list-style-type: none">- The idea of a constitution- The Preamble and key objectives of the Constitution of India- Salient features of the Constitution of India	Background and salient features	3	5	0.2	CO1
II	Republic of India as a welfare state	<ul style="list-style-type: none">- Social justice principles- Gandhian principles- Separation of powers and independence of the judiciary- Promotion of international peace and security- Fundamental Duties	Directive Principles of State Policy and Fundamental Duties	7	12	0.48	COs1, 2, 3, 4

III	The Constitution as a Bill of Rights	- Right to equality - Right to freedom - Right to freedom of religion and conscience - Cultural and educational rights - Economic rights in incorporation of directive principles	Fundamental Rights	12	20	0.8	COs1, 2, 3
IV	Republic of India as a Union of States	- India as a Union of States under Article 1 - Legislative relations: Seventh Schedule and the principle of repugnancy - President and Council of Ministers; Governor and Council of Ministers; - Extent of executive powers of the Union and the States	The Federal System	8	13	0.52	COs 1, 5

Suggested Readings

- Indian Constitutional Law (M.P. Jain, Ruma Pal)
- Constitution of India (V.N. Shukla, M.P. Singh)
- Constitutional Law of India (J.N. Pandey)
- The Constitution of India (P.M. Bakshi)
- The Oxford Handbook of the Indian Constitution (Madhav Khosla, Pratap Bhanu Mehta, Sujit Choudhry)

Proposed CO-PO Mapping:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	L			H	M	M	
CO2	L			H	M	M	
CO3	L			H	M	M	
CO4				H	M	M	
CO5	L			M			

** H means high relevance, M means medium relevance, L means low relevance

CIA Plan

Evaluation Components	Mode	Full Marks	% Weightage (in 50 marks)	Scale Value (A)	PO (Rubrics)
CIA Written Test (WT)	Individual	25	20%	10	
Other Component	Individual/ Group	2.5	5%	2.5	
Attendance	Individual	2.5	5%	2.5	
Total				15	

END SEMESTER EXAMINATION

Evaluation Components	Mode	Full Marks	% Weightage (in 50 marks)	Scale Value (B)	PO (Rubrics)
End Semester	Individual	50	70%	35	CO1, CO2, CO3, CO4

Full Marks (A + B) = 50

Pass Marks 20