



The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Teaching Plan

BCOM

2019-20



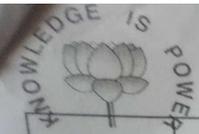
THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI (EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM I
Course, Class and Semester:	BCom / FY / I
Division :	B A
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	18
August	14
September	10
October	6
Total	48

Month	Syllabus Unit 1- Allotted Lectures : 8	Strategies Used	Planned	Taken	Remarks
	Inventory Valuation				
JULY	Meaning of inventories, Cost for inventory valuation Inventory systems : Periodic Inventory system and Perpetual Inventory System Valuation: Meaning and importance Methods of Stock Valuation as per AS - 2 : FIFO and Weighted Average Method Computation of valuation of inventory as on balance sheet date: If inventory is taken on a date after the balance sheet or before the balance sheet	Powerpoint Presentation for basic concepts, Problem Solving	8	06	





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Month	Syllabus Unit 3 - Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Departmental Accounts				
JULY	Meaning Basis of Allocation of Expenses and Incomes/Receipts Inter Departmental Transfer : at Cost Price and Invoice Price Stock Reserve, Departmental Trading and Profit & Loss Account and Balance Sheet	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Quiz	10	10	

AUGUST	Departmental Trading and Profit & Loss Account and Balance Sheet	Problem Solving	4	02	
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Month	Syllabus Unit 5 - Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Accounting for Hire Purchase				
AUGUST	Meaning Calculation of interest Accounting for hire purchase transactions by asset purchase method based on full cash price Journal entries, ledger accounts and disclosure in balance sheet for hirer and vendor(excluding default, repossession and calculation of cash price) Problems of Hire Purchase Accounting	Powerpoint Presentation for basic concepts, Problem Solving	10	10	

Month	Syllabus Unit 1- Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Final Accounts				
SEPTEMBER	Expenditure: Capital, Revenue Receipts: Capital, Revenue Adjustment and Closing Entries Final accounts of Manufacturing concerns (Proprietary Firm)	Powerpoint Presentation for basic concepts, Problem solving, Assignement, Class Test	10	06	





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SIA Month	Syllabus Unit 5 - Alloted Lectures : 1	Strategies Used	Planned	Taken	Remarks
	Accounting Standards				
	AS-2: Valuation of Inventories (Stock) Meaning, Definition, Applicability, Measurement of Inventory, Disclosure in Final Account,	Powerpoint Presentation	2	2	
	AS - 9: Revenue Recognition Meaning and Scope, Transaction excluded, Sale of Goods, Rendering of Services, Effects of Uncertainties, Disclosure,	Powerpoint Presentation	2	2	
		TOTAL:	48	38	
	<i>Sabals</i>			<i>Sabals</i>	<i>Sabals</i>
	Signature of Subject Teacher			Signature of Convenor	Principal PRINCIPAL

The S.I.A. College of Higher Education
DOMBIVLI (E)





THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce I
Course, Class and Semester:	Commerce / FY / I
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	9
August	10
September	9
October	4
TOTAL	32

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
July	BUSINESS				
	Introduction:- Concept, function, Scope and Significance of business , Traditional and Modern Concept of business.	Chalk and Talk, Power Point Presentation.	3	02	
	Objectives of Business:- steps in setting business objective. Classification of business objective, Reconciliation of Economic and Social Objective.	Chalk and Talk, Power Point Presentation.	3	02	





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New Trend in Business:- Impact of Liberalization, Privatization and Globalization, Strategy alternative in the changing scenario, Restructuring and Turnaround Strategic.

Chalk and Talk, Power Point Presentation.	3	02	
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Month	Syllabus Unit -2 Allotted Lectures : 11 BUSINESS ENVIRONMENT	Strategies Used	Planned	Taken	Remarks
August	Introduction:- Concept and Important of business environment, Inter-relationship between Business and Environment. Constituents of Business Environment: Internal and External Environment, Education Environment and its impact,	Chalk and Talk, Power Point Presentation.	4	04	
	International Environment – Current Trend in the world, International Trend Environment – WTO and Trending blocs and their impact on Indian Business.	Chalk and Talk, Power Point Presentation.	4	03	

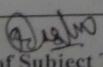
Month	Syllabus Unit -3 Allotted Lectures: 12 PROJECT PLANING	Strategies Used	Planned	Taken	Remarks
	Introduction:- Business Planning Process: Concept and Importance of project Planning ;Project Report; Feasibility Study Types and its Importance.	Chalk and Talk, Power Point Presentation.	3	03	

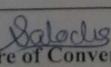


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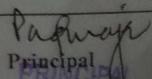
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August and September

August and September	Business Unit Promotion:- Concept and Stages of Business Unit Promotion, Location - Factor determining location and Role of Government in Promotion.	Chalk and Talk, Power Point Presentation,	3	02	
	Statutory Requirement in Promotion Business Unit: Licensing and Registration Procedure, Filling returns and other documents, Other important legal provision.	Chalk and Talk, Power Point Presentation,	3	03	
Syllabus Unit -4 Alloted Lectures:11					
ENTREPRENEURSHIP					
September and October	Introduction: Concept and Importance of Entrepreneurship, Factor Contributing to Growth of Entrepreneurship, Entrepreneur and Manager, Entrepreneur and Intrapreneur. The Entrepreneurs : Types of Entrepreneurs, competencies of an Entrepreneur, Entrepreneurship Training and Development. Centers in India, Incentives to Entrepreneur in India.	Chalk and Talk, Power Point Presentation,	2	02	
		Chalk and Talk, Power Point Presentation,	3	03	
	Women Entrepreneurs: Problems and Promotion	Chalk and Talk, Power Point Presentation,	1	01	
		Total	32	27	


Signature of Subject Teacher


Signature of Convener




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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2019

Name of Teacher :	Hema Iyengar
Subject :	Business Economics I
Course, Class and Semester:	Commerce / FY / I
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	34

Month	No of lectures Available
July	11
August	10
September	8
October	8
TOTAL	37

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Introduction				
July	Scope and Importance of Business Economics	PPT and Class Activity	1	1	
	Opportunity Cost principle- Incremental and Marginal Concepts.	PPT and Class Exercise	2	2	
	Basic economic relations - functional relations: equations- Total, Average and Marginal relations- Use of Marginal analysis in decision making.	PPT and Class Exercise	2	2	
	The basics of market demand, market supply and equilibrium price	PPT	1	1	
	Shifts in the demand and supply curves and equilibrium	PPT and Class Activity	2	2	
Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Demand Analysis				
	Demand Function - nature of demand curve under different markets	PPT	1	1	1 lec in July





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August	Relationship between price elasticity of demand and revenue concepts	PPT	1	1	
	Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional) -	PPT and Class Exercise	4	2	
	Demand Estimation and forecasting: Meaning and significance	PPT and Class Activity	3	1	
	Methods of demand estimation- survey and statistical methods (numerical examples on trend analysis and simple linear regression)	PPT and Class Activity	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 10 Supply and Production Decisions	Strategies Used	Planned	Taken	Remarks
September	Production function: short run analysis with Law of Variable Proportions	PPT	2	2	2 lec in August
	Production function with two variable inputs- isoquants, ridge lines and least cost combination of inputs	PPT and Class Exercise	3	2	1 lec in August
	Long run production function and Laws of Returns to Scale	PPT and Class Exercise	2	1	
	Expansion path - Economies and diseconomies of Scale and economies of scope	PPT and Class Activity	2	1	
Month	Syllabus Unit -4 Alloted Lectures : 10 Cost of Production	Strategies Used	Planned	Taken	Remarks
	Cost concepts: accounting cost and economic cost, implicit and explicit cost, social and private cost, historical cost and replacement cost, sunk cost and incremental cost	PPT	1	1	1 lec in September





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Fixed and variable cost - total, average and marginal cost	PPT and Case Study	2	2	
Cost Output Relationship in the Short Run and Long Run- (hypothetical numerical problems to be discussed)	PPT and Blackboard	3	5	
Extension of cost analysis: Cost reduction through experience- LAC and Learning curve and Break Even Analysis (with business application)	PPT, Cases, and Class Activity	3	5	
Total		37	34	

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Principal

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The SIA College of Higher Education, Dombivli (E)

Teaching Plan 2018-19

Name of Teacher :	Deepika Iyer
Subject :	FC
Course, Class and Semester:	FY BCOM I
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	12
August	12
September	12
October	9
TOTAL	45

Month	Syllabus Unit -1 Allotted Lectures :05 Overview of Indian Society	Strategies Used	Planned	Taken	Remarks
July	Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation; Understand regional variations according to rural, urban and tribal characteristics; Understanding the concept of diversity as difference	PPT, examples Assignment	5	08	
Month	Syllabus Unit -2 Allotted Lectures :10 Concept of Disparity- 1	Strategies Used	Planned	Taken	Remarks
August	Understand the concept of disparity as arising out of stratification and inequality;	PPT			
	Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media; Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities		10	12	
Month	Syllabus Unit -3 Allotted Lectures : 10 Concept of Disparity-2	Strategies Used	Planned	Taken	Remarks
September	Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof; Understand inter-group conflicts arising out of communalism; Examine the causes and effects of conflicts arising out of regionalism and linguistic differences	Case examples, PPT,	10	03	
Month	Syllabus Unit -4 Allotted Lectures : 10 The Indian Constitution	Strategies Used	Planned	Taken	Remarks



September	Philosophy of the Constitution as set out in the Preamble; The structure of the Constitution-the Preamble, Main Body and Schedules; Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society; Basic features of the Constitution	PPT	10	02	
Month	Syllabus Unit -5 Alloted Lectures : 5 Significant Aspects of Political Processes	Strategies Used	Planned	Taken	Remarks
October	The party system in Indian politics; Local self-government in urban and rural areas; the 73rd and 74th Amendments and their implications for inclusive politics; Role and significance of women in politics	PPT & Seminar	5	02	

Deepika

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TOTAL: 36

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Convenor

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Rafiq
Principal

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Name of Teacher :	Sreekala Nair
Subject :	Mathematical and Statistical technique I
Course,Class and Semester:	B.Com / FY / I
Division :	A
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	

Month	No of lectures Available
July	22
August	22
September	19
October	12
TOTAL	75

Month	Syllabus Unit -5 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Decision Theory				
July	Decision making situation, Decision maker, Courses of Action, States of Nature, Pay-off and Pay-off matrix; Decision making under uncertainty, Maximin, Maximax, Minimax regret and Laplace criteria; simple examples to find optimum decision. Formulation of Payoff Matrix. Decision making under Risk, Expected Monetary Value (EMV); Decision Tree; Simple Examples based on EMV. Expected Opportunity Loss (EOL), simple examples based on EOL.	Chalk & Board,Think, Pair and Share	15	09	Completed
Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Permutation, Combination and Linear Programming Problems				
July	Linear Programming Problem:Sketching of graphs of (i) linear equation $Ax + By + C = 0$ (ii) linear inequalities. Mathematical Formulation of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems using graphical method up to two variables.	Chalk & Board,Think, Pair and Share	7	05	Completed





Month	Syllabus Unit -3 Alloted Lectures : 15 Summarization Measures	Strategies Used	Planned	Taken	Remarks
August	Measures of Central Tendencies: Definition of Average, Types of Averages: Arithmetic Mean, Median, and Mode for grouped as well as ungrouped data. Quartiles, Deciles and Percentiles. Using Ogive locate median and Quartiles. Using Histogram locate mode. Combined and Weighted mean.	Chalk & Board, Think, Pair and Share	8	09	Completed
August	Measures of Dispersions: Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Combined Variance.	Chalk & Board, Think, Pair and Share	7	05	Completed
Month	Syllabus Unit -1 Alloted Lectures:15 Shares and Mutual Funds	Strategies Used	Planned	Taken	Remarks
August	Shares: Concept of share, face value, market value, dividend, equity shares, preferential shares, bonus shares. Simple examples.	Chalk & Board, Think, Pair and Share	7	04	Completed
September	• Mutual Funds: Simple problems on calculation of Net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.)	Chalk & Board, Think, Pair and Share	8	06	Completed





Month	Syllabus Unit -2 Alloted Lectures:15 Permutation, Combination and Linear Programming Problems	Strategies Used	Planned	Taken	Remarks
September	Permutation and Combination: Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple examples, combination as selection, Simple examples, Relation between nCr and nPr Examples on commercial application of permutation and combination	Chalk & Board, Think, Pair and Share	8	05	Completed
Month	Syllabus Unit -4 Alloted Lectures : 15 Elementary Probability Theory	Strategies Used	Planned	Taken	Remarks
September	Probability Theory: Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events,	Chalk & Board, Think, Pair and Share	3	03	Completed
October	Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition theorem (without proof), conditional probability. Independence of Events: $P(A \cap B) = P(A)P(B)$. Simple examples.	Chalk & Board, Think, Pair and Share	6		
October	• Random Variable: Probability distribution of a discrete random variable; Expectation and Variance of random variable, simple examples on probability distributions.	Chalk & Board, Think, Pair and Share	6		
TOTAL			75		

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DOMBIVLI (E)





THE S.I.A COLLEGE OF HIGHER EDUCATION, DO,BIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM I
Course,Class and Semester:	BCom / FY / I
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	18
August	14
September	10
October	6
Total	48

Month	Syllabus Unit 1- Allotted Lectures : 8	Strategies Used	Planned	Taken	Remarks
	Inventory Valuation				
JULY	Meaning of inventories Cost for inventory valuation Inventory systems : Periodic Inventory system and Perpetual Inventory System Valuation: Meaning and importance Methods of Stock Valuation as per AS – 2 : FIFO and Weighted Average Method Computation of valuation of inventory as on balance sheet date:If inventory is taken on a date after the balance sheet or before the balance sheet	Powerpoint Presentation for basic concepts, Problem Solving	8	06	





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TEACHING PLAN 2019-2020

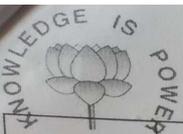
Month	Syllabus Unit 3 - Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Departmental Accounts				
JULY	Meaning Basis of Allocation of Expenses and Incomes/Receipts Inter Departmental Transfer : at Cost Price and Invoice Price Stock Reserve, Departmental Trading and Profit & Loss Account and Balance Sheet	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Quiz	10	04	

AUGUST	Departmental Trading and Profit & Loss Account and Balance Sheet	Problem Solving	4	04	
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Month	Syllabus Unit 5 - Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Accounting for Hire Purchase				
AUGUST	Meaning Calculation of interest Accounting for hire purchase transactions by asset purchase method based on full cash price Journal entries, ledger accounts and disclosure in balance sheet for hirer and vendor(excluding default, repossession and calculation of cash price) Problems of Hire Purchase Accounting	Powerpoint Presentation for basic concepts, Problem Solving	10	11	

Month	Syllabus Unit 1- Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Final Accounts				
SEPTEMBER	Expenditure: Capital, Revenue Receipts: Capital, Revenue Adjustment and Closing Entries Final accounts of Manufacturing concerns (Proprietary Firm)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	09	





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TEACHING PLAN 2019-2020

SIA Month	Syllabus Unit 5 - Alloted Lectures : 1	Strategies Used	Planned	Taken	Remarks
	Accounting Standards				
	AS-2: Valuation of Inventories (Stock) Meaning, Definition, Applicability, Measurement of Inventory, Disclosure in Final Account,	Powerpoint Presentation	2	02	
	AS - 9: Revenue Recognition Meaning and Scope, Transaction excluded, Sale of Goods, Rendering of Services, Effect of Uncertainties, Disclosure.	Powerpoint Presentation	2	02	
		TOTAL:	48	38	
	Signature of Subject Teacher <i>Saboch</i>			Signature of Convenor <i>Saboch</i>	
				Principal <i>[Signature]</i>	

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DOMBIVLI (E)





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce I
Course, Class and Semester:	Commerce / FY / I
Division :	B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	9
August	10
September	9
October	4
TOTAL	32

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
July	BUSINESS				
	Introduction:- Concept, function, Scope and Significance of business , Traditional and Modern Concept of business.	Chalk and Talk, Power Point Presentation.	3	02	
	Objectives of Business:- steps in setting business objective, Classification of business objective, Reconciliation of Economic and Social Objective.	Chalk and Talk, Power Point Presentation.	3	02	





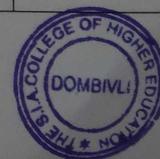
THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI (EAST)
TEACHING PLAN 2019-2020

New Trend in Business:- Impact of Liberalization, Privatization and Globalization, Strategy alternative in the changing scenario, Restructuring and Turnaround Strategic.

Chalk and Talk, Power Point Presentation.	3	02	
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Month	Syllabus Unit -2 Allotted Lectures : 11 BUSINESS ENVIRONMENT	Strategies Used	Planned	Taken	Remarks
August	Introduction:- Concept and Important of business environment, Inter-relationship between Business and Environment. Constituents of Business Environment: Internal and External Environment, Education Environment and its impact,	Chalk and Talk, Power Point Presentation.	4	03	
	International Environment – Current Trend in the world, International Trend Environment – WTO and Trending blocs and their impact on Indian Business.	Chalk and Talk, Power Point Presentation.	4	03	

Month	Syllabus Unit -3 Allotted Lectures:12 PROJECT PLANING	Strategies Used	Planned	Taken	Remarks
	Introduction:- Business Planning Process: Concept and Importance of project Planning ;Project Report; Feasibility Study Types and its Importance.	Chalk and Talk, Power Point Presentation.	3	02	



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August and September	Business Unit Promotion:- Concept and Stages of Business Unit Promotion, Location - Factor determining location and Role of Government in Promotion.	Chalk and Talk, Power Point Presentation,	3	02	
	Statutory Requirement in Promotion Business Unit: Licensing and Registration Procedure, Filling returns and other documents, Other important legal provision.	Chalk and Talk, Power Point Presentation,	3	03	
Syllabus Unit -4Alloted Lectures:11					
ENTREPRENEURSHIP					
September and October	Introduction: Concept and Importance of Entrepreneurship, Factor Contributing to Growth of Entrepreneurship, Entrepreneur and Manager, Entrepreneur and Intrapreneur. The Entrepreneurs : Types of Entrepreneurs, competencies of an Entrepreneur, Entrepreneurship Training and Development. Centers in India, Incentives to Entrepreneur in India.	Chalk and Talk, Power Point Presentation,	2	02	
		Chalk and Talk, Power Point Presentation,	3	02	
	Women Entrepreneurs: Problems and Promotion	Chalk and Talk, Power Point Presentation,	1	01	
Total			32	24	

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Signature of Convenor



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The S.I.A. College of Higher Education
DOMBIVLI (E) 3



THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI (EAST)
TEACHING PLAN 2018-2019

Name of Teacher :	Hema Iyengar
Subject :	Business Economics I
Course, Class and Semester:	Commerce / FY / I
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	35

Month	No of lectures Available
July	11
August	10
September	8
October	8
TOTAL	37

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Introduction				
July	Scope and Importance of Business Economics	PPT and Class Activity	1	1	
	Opportunity Cost principle- Incremental and Marginal Concepts.	PPT and Class Exercise	2	2	
	Basic economic relations - functional relations: equations- Total, Average and Marginal relations- Use of Marginal analysis in decision making.	PPT and Class Exercise	2	2	
	The basics of market demand, market supply and equilibrium price	PPT	1	1	
	Shifts in the demand and supply curves and equilibrium	PPT and Class Activity	2	2	
Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Demand Analysis				
	Demand Function - nature of demand curve under different markets	PPT	1	1	



TEACHING PLAN 2018-2019

Month	Syllabus Unit -3 Alloted Lectures : 10 Supply and Production Decisions	Strategies Used	Planned	Taken	Remarks
August	Relationship between price elasticity of demand and revenue concepts	PPT	1	1	
	Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional) -	PPT and Class Exercise	4	3	
	Demand Estimation and forecasting: Meaning and significance	PPT and Class Activity	3	1	
	Methods of demand estimation- survey and statistical methods (numerical examples on trend analysis and simple linear regression)	PPT and Class Activity	2	2	
September	Production function: short run analysis with Law of Variable Proportions	PPT	2	2	
	Production function with two variable inputs- isoquants, ridge lines and least cost combination of inputs	PPT and Class Exercise	3	2	
	Long run production function and Laws of Returns to Scale	PPT and Class Exercise	2	2	
	Expansion path - Economies and diseconomies of Scale and economies of scope	PPT and Class Activity	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 10 Cost of Production	Strategies Used	Planned	Taken	Remarks
	Cost concepts: accounting cost and economic cost, implicit and explicit cost, social and private cost, historical cost and replacement cost, sunk cost and incremental cost	PPT	1	1	1 lec in September



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TEACHING PLAN 2018-2019

SIA
October

Fixed and variable cost - total, average and marginal cost	PPT and Case Study	2	2	
Cost Output Relationship in the Short Run and Long Run- (hypothetical numerical problems to be discussed)	PPT and Blackboard	3	4	
Extension of cost analysis: Cost reduction through experience- LAC and Learning curve and Break Even Analysis (with business application)	PPT, Cases, and Class Activity	3	4	
Total		37	35	

Signature of Subject Teacher *Hema*

Signature of *Salactus* HOD

Rudra
Principal
PRINCIPAL
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Name of Teacher :	Shweta
Subject :	Business Communication
Course,Class and Semester:	FYBCOM/ Sem I
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	
August	
September February	
October	
TOTAL	

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Theory of Communication				
July June	Concept of Communication, Channels and Objectives of Communication	Traditional	11	06	

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Theory of Communication				
July	Methods and Modes of Communication, Barriers of Communication	Traditional, Role play	11	06	

Month	Syllabus Unit -2 Allotted Lectures :11	Strategies Used	Planned	Taken	Remarks
August	Listening - Types and Barriers, Introduction to Business Ethics, Computer Ethics, Corporate Social Responsibility	Traditional	08	08	

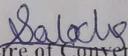
Month	Syllabus Unit -3 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Business Correspondence				
September	Theory of Business Letter writing - Parts, Structure, Layouts Personal Correspondence - Job Application, Appointment letter, Resignation letter, Letter of Appreciation, Recommendation Letter, Statement of Purpose	Traditional	10	09	

Month	Syllabus Unit -4 Allotted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Language and Writing Skills				
October March	Paragraph writing, Comprehension, Remedial Grammar	Traditional	10	07	



TOTAL: 39


Signature of Subject Teacher


Signature of Convener


Principal

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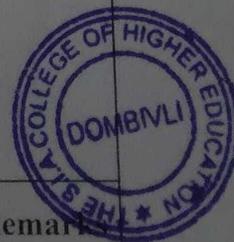
The SIA College of Higher Education, Dombivli (E)

Teaching Plan 2019-20

Name of Teacher :	Deepika Iyer
Subject :	FC
Course, Class and Semester:	FY BCOM I
Division :	B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	12
August	12
September	12
October	9
TOTAL	45

Month	Syllabus Unit -1 Allotted Lectures :05 Overview of Indian Society	Strategies Used	Planned	Taken	Remarks
July	Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation; Understand regional variations according to rural, urban and tribal characteristics; Understanding the concept of diversity as difference	PPT, examples Assignment	5	08	
Month	Syllabus Unit -2 Allotted Lectures :10 Concept of Disparity- 1	Strategies Used	Planned	Taken	Remarks
August	Understand the concept of disparity as arising out of stratification and inequality;	PPT			
	Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media; Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities		10	12	
Month	Syllabus Unit -3 Allotted Lectures : 10 Concept of Disparity-2	Strategies Used	Planned	Taken	Remarks
September	Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof; Understand inter-group conflicts arising out of communalism; Examine the causes and effects of conflicts arising out of regionalism and linguistic differences	Case examples, PPT,	10	03	
Month	Syllabus Unit -4 Allotted Lectures : 10 The Indian Constitution	Strategies Used	Planned	Taken	Remarks



September	Philosophy of the Constitution as set out in the Preamble; The structure of the Constitution-the Preamble, Main Body and Schedules; Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society; Basic features of the Constitution	PPT	10	02	
Month	Syllabus Unit -5 Alloted Lectures : 5	Strategies Used	Planned	Taken	Remarks
	Significant Aspects of Political Processes				
October	The party system in Indian politics; Local self-government in urban and rural areas; the 73rd and 74th Amendments and their implications for inclusive politics; Role and significance of women in politics	PPT & Seminar	5	03	

Daepika

Signature of Subject Teacher

TOTAL: 36

28

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Signature of
Convenor

Rajwaj
Principal

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Name of Teacher :	Pranjalee K.
Subject :	Mathematical and Statistical technique I
Course, Class and Semester:	B.Com / FY / I
Division :	B
Lectures Allotted for whole Semester:	75
Actual Lectures Taken :	

Month	No of lectures Available
July	22
August	22
September	19
October	12
TOTAL	75

Month	Syllabus Unit -5 Allotted Lectures : 15 Decision Theory	Strategies Used	Planned	Taken	Remarks
July	Decision making situation, Decision maker, Courses of Action, States of Nature, Pay-off and Pay-off matrix; Decision making under uncertainty, Maximin, Maximax, Minimax regret and Laplace criteria; simple examples to find optimum decision. Formulation of Payoff Matrix. Decision making under Risk, Expected Monetary Value (EMV); Decision Tree; Simple Examples based on EMV. Expected Opportunity Loss (EOL), simple examples based on EOL.	Chalk & Board, Think, Pair and Share	15	13	Completed
Month	Syllabus Unit -2 Allotted Lectures :15 Permutation, Combination and Linear Programming Problems	Strategies Used	Planned	Taken	Remarks
July	Linear Programming Problem: Sketching of graphs of (i) linear equation $Ax + By + C = 0$ (ii) linear inequalities. Mathematical Formulation of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems using graphical method up to two variables.	Chalk & Board, Think, Pair and Share	7	09	Completed

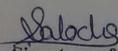


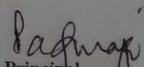
Month	Syllabus Unit -3 Alloted Lectures : 15 Summarization Measures	Strategies Used	Planned	Taken	Remarks
August	Measures of Central Tendencies: Definition of Average, Types of Averages: Arithmetic Mean, Median, and Mode for grouped as well as ungrouped data. Quartiles, Deciles and Percentiles. Using Ogive locate median and Quartiles. Using Histogram locate mode. Combined and Weighted mean.	Chalk & Board, Think, Pair and Share	8	8	Completed
August	Measures of Dispersions: Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Combined Variance.	Chalk & Board, Think, Pair and Share	7	7	Completed
Month	Syllabus Unit -1 Alloted Lectures:15 Shares and Mutual Funds	Strategies Used	Planned	Taken	Remarks
August	Shares: Concept of share, face value, market value, dividend, equity shares, preferential shares, bonus shares. Simple examples.	Chalk & Board, Think, Pair and Share	7	7	Completed
September	• Mutual Funds: Simple problems on calculation of Net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.)	Chalk & Board, Think, Pair and Share	8	8	Completed



Month	Syllabus Unit -2 Alloted Lectures:15 Permutation, Combination and Linear Programming Problems	Strategies Used	Planned	Taken	Remarks
September	Permutation and Combination: Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple examples, combination as selection, Simple examples, Relation between nCr and nPr Examples on commercial application of permutation and combination	Chalk & Board, Think, Pair and Share	8	8	Completed
Month	Syllabus Unit -4 Alloted Lectures : 15 Elementary Probability Theory	Strategies Used	Planned	Taken	Remarks
September	Probability Theory: Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events,	Chalk & Board, Think, Pair and Share	3	3	Completed
October	Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition theorem (without proof), conditional probability. Independence of Events: $P(A \cap B) = P(A)P(B)$. Simple examples.	Chalk & Board, Think, Pair and Share	6	6	Completed
October	• Random Variable: Probability distribution of a discrete random variable; Expectation and Variance of random variable, simple examples on probability distributions.	Chalk & Board, Think, Pair and Share	6	6	Completed
TOTAL			75		


Signature of Subject Teacher


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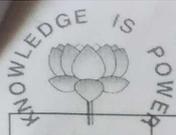
THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI (EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM I
Course, Class and Semester:	BCom / FY / I
Division :	C
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	18
August	14
September	10
October	6
Total	48

Month	Syllabus Unit 1- Allotted Lectures : 8	Strategies Used	Planned	Taken	Remarks
	Inventory Valuation				
JULY	Meaning of inventories Cost for inventory valuation Inventory systems : Periodic Inventory system and Perpetual Inventory System Valuation: Meaning and importance Methods of Stock Valuation as per AS - 2 : FIFO and Weighted Average Method Computation of valuation of inventory as on balance sheet date: If inventory is taken on a date after the balance sheet or before the balance sheet	Powerpoint Presentation for basic concepts, Problem Solving	8	06	





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TEACHING PLAN 2019-2020

Month	Syllabus Unit 3 - Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Departmental Accounts				
JULY	Meaning Basis of Allocation of Expenses and Incomes/Receipts Inter Departmental Transfer : at Cost Price and Invoice Price Stock Reserve, Departmental Trading and Profit & Loss Account and Balance Sheet	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Quiz	10	04 → July 08 → August	

AUGUST	Departmental Trading and Profit & Loss Account and Balance Sheet	Problem Solving	4	02	
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Month	Syllabus Unit 5 - Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Accounting for Hire Purchase				
AUGUST	Meaning Calculation of interest Accounting for hire purchase transactions by asset purchase method based on full cash price Journal entries, ledger accounts and disclosure in balance sheet for hirer and vendor(excluding default, repossession and calculation of cash price) Problems of Hire Purchase Accounting	Powerpoint Presentation for basic concepts, Problem Solving	10	02 06 → September	

Month	Syllabus Unit 1- Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Final Accounts				
SEPTEMBER	Expenditure: Capital, Revenue Receipts: Capital, Revenue Adjustment and Closing Entries Final accounts of Manufacturing concerns (Proprietary Firm)	Powerpoint Presentation for basic concepts, Problem solving, Assignement, Class Test	10	04 0	



THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI (EAST)
TEACHING PLAN 2019-2020

SIA Month	Syllabus Unit 5 - Alloted Lectures : 1	Strategies Used	Planned	Taken	Remarks
	Accounting Standards				
	AS-2: Valuation of Inventories (Stock) Meaning, Definition, Applicability, Measurement of Inventory, Disclosure in Final Account,	Powerpoint Presentation	2	02	
	AS - 9: Revenue Recognition Meaning and Scope, Transaction excluded, Sale of Goods, Rendering of Services, Effects of Uncertainties, Disclosure,	Powerpoint Presentation	2	02	
		TOTAL:	48	36	
	Signature of Subject Teacher		Signature of Convenor		Principal

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI (EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce I
Course, Class and Semester:	Commerce / FY / I
Division :	C
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	9
August	10
September	9
October	4
TOTAL	32

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
July	BUSINESS				
	Introduction:- Concept, function, Scope and Significance of business , Traditional and Modern Concept of business.	Chalk and Talk, Power Point Presentation.	3	04	
	Objectives of Business:- steps in setting business objective, Classification of business objective, Reconciliation of Economic and Social Objective.	Chalk and Talk, Power Point Presentation.	3	03	





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TEACHING PLAN 2019-2020

New Trend in Business:- Impact of Liberalization, Privatization and Globalization, Strategy alternative in the changing scenario, Restructuring and Turnaround Strategic.

Chalk and Talk, Power Point Presentation.	3	03 03	
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Month	Syllabus Unit -2 Allotted Lectures : 11 BUSINESS ENVIRONMENT	Strategies Used	Planned	Taken	Remarks
August	Introduction:- Concept and Important of business environment, Inter-relationship between Business and Environment. Constituents of Business Environment: Internal and External Environment, Education Environment and its impact, International Environment – Current Trend in the world, International Trend Environment – WTO and Trending blocs and their impact on Indian Business.	Chalk and Talk, Power Point Presentation.	4	04	
		Chalk and Talk, Power Point Presentation.	4	04	

Month	Syllabus Unit -3 Allotted Lectures: 12 PROJECT PLANING	Strategies Used	Planned	Taken	Remarks
	Introduction:- Business Planning Process; Concept and Importance of project Planning ;Project Report; Feasibility Study Types and its Importance.	Chalk and Talk, Power Point Presentation,	3	03	



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TEACHING PLAN 2019-2020



August and September	Business Unit Promotion:- Concept and Stages of Business Unit Promotion, Location - Factor determining location and Role of Government in Promotion.	Chalk and Talk, Power Point Presentation,	3	03	
	Statutory Requirement in Promotion Business Unit: Licensing and Registration Procedure, Filling returns and other documents, Other important legal provision.	Chalk and Talk, Power Point Presentation,	3	03	
Syllabus Unit -4 Alloted Lectures:11					
ENTREPRENEURSHIP					
September and October	Introduction: Concept and Importance of Entrepreneurship, Factor Contributing to Growth of Entrepreneurship, Entrepreneur and Manager, Entrepreneur and Intrapreneur. The Entrepreneurs : Types of Entrepreneurs, competencies of an Entrepreneur, Entrepreneurship Training and Development. Centers in India, Incentives to Entrepreneur in India.	Chalk and Talk, Power Point Presentation,	2	02	
		Chalk and Talk, Power Point Presentation,	3	02	
	Women Entrepreneurs: Problems and Promotion	Chalk and Talk, Power Point Presentation,	1	01	
		Total	32	32	

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Signature of Subject Teacher

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Signature of Convenor



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TEACHING PLAN 2013-2014

Name of Teacher :	Hema Iyengar
Subject :	Business Economics I
Course, Class and Semester:	Commerce / FY / I
Division :	C
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	33

Month	No of lectures Available
July	11
August	10
September	8
October	8
TOTAL	37

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Introduction				
July	Scope and Importance of Business Economics	PPT and Class Activity	1	1	
	Opportunity Cost principle- Incremental and Marginal Concepts.	PPT and Class Exercise	2	2	
	Basic economic relations - functional relations: equations- Total, Average and Marginal relations- Use of Marginal analysis in decision making.	PPT and Class Exercise	2	2	
	The basics of market demand, market supply and equilibrium price	PPT	1	1	
	Shifts in the demand and supply curves and equilibrium	PPT and Class Activity	2	2	
Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Demand Analysis				
	Demand Function - nature of demand curve under different markets	PPT	1		





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TEACHING PLAN 2018-2019

August	Relationship between price elasticity of demand and revenue concepts	PPT	1	1	
	Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional) -	PPT and Class Exercise	4	3	
	Demand Estimation and forecasting: Meaning and significance	PPT and Class Activity	3	1	
	Methods of demand estimation- survey and statistical methods (numerical examples on trend analysis and simple linear regression)	PPT and Class Activity	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 10 Supply and Production Decisions	Strategies Used	Planned	Taken	Remarks
September	Production function: short run analysis with Law of Variable Proportions	PPT	2	2	
	Production function with two variable inputs- isoquants, ridge lines and least cost combination of inputs	PPT and Class Exercise	3	2	
	Long run production function and Laws of Returns to Scale	PPT and Class Exercise	2	2	
	Expansion path - Economies and diseconomies of Scale and economies of scope	PPT and Class Activity	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 10 Cost of Production	Strategies Used	Planned	Taken	Remarks
	Cost concepts: accounting cost and economic cost, implicit and explicit cost, social and private cost, historical cost and replacement cost, sunk cost and incremental cost	PPT	1	1	1 lecture in September



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TEACHING PLAN 2019-2020

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October

Fixed and variable cost - total, average and marginal cost	PPT and Case Study	2	1	1 Lec in September
Cost Output Relationship in the Short Run and Long Run- (hypothetical numerical problems to be discussed)	PPT and Blackboard	3	4	
Extension of cost analysis: Cost reduction through experience- LAC and Learning curve and Break Even Analysis (with business application)	PPT, Cases, and Class Activity	3	4	
Total		37	33	

Signature of Subject Teacher *Hema*

Signature of *Sabudis* HOD

Signature of *Padmap* Principal

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The SIA College of Higher Education, Dombivli (E)

Teaching Plan 2018-19

Name of Teacher :	Deepika Iyer
Subject :	FC
Course, Class and Semester:	FY BCOM I
Division :	C
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
July	12
August	12
September	12
October	9
TOTAL	45

Month	Syllabus Unit -1 Allotted Lectures :05 Overview of Indian Society	Strategies Used	Planned	Taken	Remarks
July	Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation; Understand regional variations according to rural, urban and tribal characteristics; Understanding the concept of diversity as difference	PPT, examples Assignment	5	08	
Month	Syllabus Unit -2 Allotted Lectures :10 Concept of Disparity- 1	Strategies Used	Planned	Taken	Remarks
August	Understand the concept of disparity as arising out of stratification and inequality;	PPT			
	Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media; Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities		10	12	
Month	Syllabus Unit -3 Alloted Lectures : 10 Concept of Disparity-2	Strategies Used	Planned	Taken	Remarks
September	Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof; Understand inter-group conflicts arising out of communalism; Examine the causes and effects of conflicts arising out of regionalism and linguistic differences	Case examples, PPT,	10	03	
Month	Syllabus Unit -4 Alloted Lectures : 10 The Indian Constitution	Strategies Used	Planned	Taken	Remarks



September	Philosophy of the Constitution as set out in the Preamble; The structure of the Constitution-the Preamble, Main Body and Schedules; Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society; Basic features of the Constitution	PPT	10	03	
Month	Syllabus Unit -5 Alloted Lectures : 5	Strategies Used	Planned	Taken	Remarks
	Significant Aspects of Political Processes				
October	The party system in Indian politics; Local self-government in urban and rural areas; the 73rd and 74th Amendments and their implications for inclusive politics; Role and significance of women in politics	PPT & Seminar	5	02	

Deepika

Signature of Subject Teacher

TOTAL: 36

28

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Convenor

Radhika
Principal
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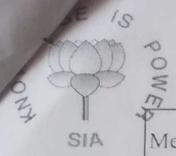
THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI(EAST)
TEACHING PLAN 2019 - 20

Name of Teacher :	MANJU SASIKUMAR
Subject :	BUSINESS COMMUNICATION I
Course, Class and Semester:	BCOM / FY / I
Division :	C
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
JULY	14
AUGUST	14
SEPTEMBER	14
OCTOBER	5
TOTAL	47

Month	Syllabus Unit -1 Allotted Lectures : 07	Strategies Used	Planned	Taken	Remarks
	THEORY OF COMMUNICATION				
July	Concept of Communication: Meaning, Definition, Process, Need, Feedback Emergence of Communication as a key concept in the Corporate and Global world Impact of technological advancements on Communication	PPT			
	Channels and Objectives of Communication: Channels- Formal and Informal- Vertical, Horizontal, Diagonal, Grapevine	PPT, THINK , PAIR AND SHARE			
	Objectives of Communication				
	Information, Advice, Order and Instruction, Persuasion, Motivation, Education, Warning, and Boosting the Morale of Employees (A brief introduction to these objectives to be given)	PPT, DISCUSSION			
	Methods and Modes of Communication				





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TEACHING PLAN 2019-20

	Methods: Verbal and Nonverbal, Characteristics of Verbal Communication Characteristics of Non-verbal Communication, Business Etiquette Modes: Telephone and SMS Communication 3 (General introduction to Telegram to be given) Facsimile Communication [Fax] Computers and E- communication Video and Satellite Conferencing	PPT, DISCUSSION	14	13	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Obstacles to Communication in Business World				
	Problems in Communication /Barriers to Communication				
	Physical/ Semantic/Language / Socio-Cultural / Psychological / Barriers, Ways to Overcome these Barriers	PPT, DISCUSSION			
	Listening				
	Importance of Listening Skills, Cultivating good Listening Skills – 4	PPT			
	Introduction to Business Ethics				



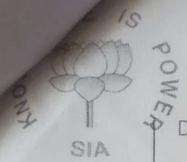


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TEACHING PLAN 2019-20

Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
August	Concept and Interpretation, Importance of Business Ethics, Personal Integrity at the workplace, Business Ethics and media, Computer Ethics, Corporate Social Responsibility Teachers can adopt a case study approach and address issues such as the following so as to orient and sensitize the student community to actual business practices: Surrogate Advertising, Patents and Intellectual Property Rights, Dumping of Medical/E-waste, Human Rights Violations and Discrimination on the basis of gender, race, caste, religion, appearance and sexual orientation at the workplace Piracy, Insurance, Child Labour 3	PPT, DISCUSSION	14	15	
	Business Correspondence				
	Theory of Business Letter Writing				
	Parts, Structure, Layouts—Full Block, Modified Block, Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing	CHALK AND BOARD, DISCUSSION			
	Personnel Correspondence				
	Statement of Purpose, Job Application Letter and Resume, Letter of Acceptance of Job Offer, Letter of Resignation [Letter of Appointment, Promotion and Termination, Letter of Recommendation (to be taught but not to be tested in the examination)]	CHALK AND BOARD, DISCUSSION	14	11	
	Syllabus Unit -4 Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
Language and Writing Skills					
Commercial Terms used in Business Communication: Paragraph Writing					



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TEACHING PLAN



Developing an idea, using appropriate linking devices, etc Cohesion and Coherence, self-editing, etc [Interpretation of technical data, Composition on a given situation, a short informal report etc.] Activities

DISCUSSION

Month	Activities			
October	Listening Comprehension <input type="checkbox"/> Remedial Teaching <input type="checkbox"/> Speaking Skills: Presenting a News Item, Dialogue and Speeches <input type="checkbox"/> Paragraph Writing: Preparation of the first draft, Revision and Self – Editing, Rules of spelling. <input type="checkbox"/> Reading Comprehension: Analysis of texts from the fields of Commerce and Management	DISCUSSION	5	4
TOTAL			45	

T. Manj.
SIGNATURE OF SUBJECT TEACHER

Satish
SIGNATURE OF CONVENOR

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Name of Teacher :	Sreekala Nair
Subject :	Mathematical and Statistical technique I
Course,Class and Semester:	B.Com / FY / I
Division :	C
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	

Month	No of lectures Available
July	22
August	22
September	19
October	12
TOTAL	75

Month	Syllabus Unit -5 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Decision Theory				
July	Decision making situation, Decision maker, Courses of Action, States of Nature, Pay-off and Pay-off matrix; Decision making under uncertainty, Maximin, Maximax, Minimax regret and Laplace criteria; simple examples to find optimum decision. Formulation of Payoff Matrix. Decision making under Risk, Expected Monetary Value (EMV); Decision Tree; Simple Examples based on EMV. Expected Opportunity Loss (EOL), simple examples based on EOL.	Chalk & Board,Think, Pair and Share	15	09	Completed
Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Permutation, Combination and Linear Programming Problems				
July	Linear Programming Problem:Sketching of graphs of (i) linear equation $Ax + By + C = 0$ (ii) linear inequalities. Mathematical Formulation of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems using graphical method up to two variables.	Chalk & Board,Think, Pair and Share	7	05	Completed





Month	Syllabus Unit -3 Alloted Lectures : 15 Summarization Measures	Strategies Used	Planned	Taken	Remarks
August	Measures of Central Tendencies: Definition of Average, Types of Averages: Arithmetic Mean, Median, and Mode for grouped as well as ungrouped data. Quartiles, Deciles and Percentiles. Using Ogive locate median and Quartiles. Using Histogram locate mode. Combined and Weighted mean.	Chalk & Board,Think, Pair and Share	8	07	Completed
August	Measures of Dispersions: Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Combined Variance.	Chalk & Board,Think, Pair and Share	7	05	Completed
Month	Syllabus Unit -1 Alloted Lectures:15 Shares and Mutual Funds	Strategies Used	Planned	Taken	Remarks
August	Shares: Concept of share, face value, market value, dividend, equity shares, preferential shares, bonus shares. Simple examples.	Chalk & Board,Think, Pair and Share	7	05	Completed
September	• Mutual Funds:Simple problems on calculation of Net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.)	Chalk & Board,Think, Pair and Share	8	07	Completed





Month	Syllabus Unit -2 Alloted Lectures:15 Permutation, Combination and Linear Programming Problems	Strategies Used	Planned	Taken	Remarks
September	Permutation and Combination: Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple examples, combination as selection, Simple examples, Relation between nCr and nPr Examples on commercial application of permutation and combination	Chalk & Board, Think, Pair and Share	8	06	Completed
Month	Syllabus Unit -4 Alloted Lectures : 15 Elementary Probability Theory	Strategies Used	Planned	Taken	Remarks
September	Probability Theory: Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events,	Chalk & Board, Think, Pair and Share	3	04	Completed
October	Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition theorem (without proof), conditional probability. Independence of Events: $P(A \cap B) = P(A)P(B)$. Simple examples.	Chalk & Board, Think, Pair and Share	6		
October	• Random Variable: Probability distribution of a discrete random variable; Expectation and Variance of random variable, simple examples on probability distributions.	Chalk & Board, Think, Pair and Share	6		

TOTAL

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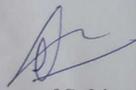
Name of Teacher :	Anuradha Gawade	Month	No of lectures Available
Subject :	Environmental Studies	July	
Course,Class and Semester:	COM/ FY/I	August	
Division :	A, B & C	Sep	
Lectures Alloted for whole Semester:	60	October	
Actual Lectures Taken :		TOTAL	

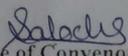
Month	Syllabus Unit -1 Allotted Lectures : 13 Environment and Ecosystem	Strategies Used	Planned	Taken			Remarks
				A	B	C	
July and August	Meaning, definition, scope and its components, Basics of Environment', Biogeochemical cycles, Ecosystem & Ecology, Man and environment relationship, Importance and scope of Environmental Studies.	Power point Presentation	13	9	7	11	
	Syllabus Unit -2 Allotted Lectures :13 Natural Resources and Sustainable Development	Strategies Used	Planned	Taken			Remarks
	Meaning and Definitions, Classification and Types, Basis of Classification, Factors Influencing, Resource Conservation, Problems Associated, Indian Scenario, Management of Resources, Utilisation and Sustainable Development	Audio-Visual Aid(Documentaries, Animation Videos)Group Discussion	13	4	6	2	

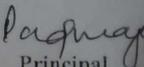
Month	Syllabus Unit -3 Alloted Lectures : 13 Population and Emerging Issues of Development	Strategies Used	Planned	Taken			Remarks
				A	B	C	
August	Population Explosion, Demographic Transition Theory, Population Growth Patterns: World Scenario, Indian Scenario, Associated Problems, Measures to control, Human- Environment Relation, HDI and WHI	Use of Maps, Lecture Method	13	10	8	9	
Month	Syllabus Unit -4 Alloted Lectures:13 Urbanisation and Environment	Strategies Used	Planned	Taken			Remarks
				A	B	C	



September	Concept, Problems: Migration, Changing Landuse, Congestion, Stress on Resources, Degradation of Resources, Impact on Biodiversity, Urban Heat Islands; Smart Cities and Safe Cities, Sustainable Cities	Lecture method. Group Discussion	13	7	5	8	
Month	Syllabus Unit -5 Alloted Lectures:08	Strategies Used	Planned	Taken			Remarks
	Reading of Thematic Maps			A	B	C	
October	World Map: Map Reading and Map Filling	Using Atlas and Practical	8	4	4	4	
TOTAL:			60	34	30	34	


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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2019

Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM II
Course, Class and Semester:	BCom / FY / II
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November and December	10
January	16
February	16
March	4
TOTAL	46

Month	Syllabus Unit 2- Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Consignment Accounts				
November and December	Accounting for consignment transactions Valuation of stock Invoicing of goods at higher price(excluding overriding commission, normal/abnormal losses)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	08	

Month	Syllabus Unit 5 - Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Fire Insurance Claim				
January	Computation of Loss of Stock by Fire Ascertainment of Claim as per the Insurance Policy. Ascertainment of Claim as per the Insurance Policy	Powerpoint Presentation for basic concepts, Problem Solving, Class Test	12	10	



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TEACHING PLAN 2018-2019

SIA Month	Syllabus Unit 3 - Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Branch Accounts				
January	Meaning/ Classification of branch	Powerpoint Presentation for basic concepts	4	4	

February	Meaning/ Classification of branch Accounting for Dependent Branch not maintaining full books: Debtors method, Stock and debtors method	Problem Solving, Assignment, Class Test	6	6	
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Month	Syllabus Unit 1- Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Accounting from Incomplete Records				
February	Introduction, Problems on preparation of final accounts of Proprietary Trading Concern (conversion method)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	08	
March	Problems on preparation of final accounts of Proprietary Trading Concern (conversion method)	Problem solving,	8	06	

TOTAL: 50

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce II
Course, Class and Semester:	Commerce / FY / II
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	2
December	6
January	10
February	10
March	6
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Concept of Services				
November, December and January	Introduction: Meaning, Characteristics, Scope and Classification of Services – Importance of service sector in the Indian Marketing Mix Services: Consumer expectations, Services Mix, - Product, Place, Price, Promotion, Process of Services delivery, Physical evidence and people Service Strategies: Market research and Service development cycle, Managing demand and capacity, opportunities and challenges in service sector.	Chalk and Talk, Power Point Presentation.	10	09	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Retailing				



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Month	Syllabus Unit -3 Alloted Lectures : 11 Recent Trends in Service Sector	Strategies Used	Planned	Taken	Remarks
January	Introduction: Concept of organized and unorganized retailing , Trends in retailing, growth of organized retailing in India, Survival strategies for unorganized Retailers Retail Format: Store format, Non – Store format, Store Planning, design and layout Retail Scenario: Retail Scenario in India and Global context – Prospects and Challenges in India. Mall Management – Retail Franchising. FDI in Retailing, Careers in Retailing	Chalk and Talk, Power Point Presentation, Videos on Retailing	8	9	
February	ITES Sector: Concept and scope of BPO, KPO, LPO and ERP. Banking and Insurance Sector: ATM, Debit & Credit Cards, Internet Banking – Opening of Insurance sector for private players, FDI and its impact on Banking and Insurance Sector in India Logistics: Net working – Importance – Challenges	Chalk and Talk, Power Point Presentation, Video Screening	9	08	
Month	Syllabus Unit -4 Alloted Lectures:12 E-Commerce	Strategies Used	Planned	Taken	Remarks



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TEACHING PLAN 2019-2020



February and March	Introduction: Meaning, Features, Functions and Scope of E-Commerce-Importance and Limitations of E-Commerce Types of E-Commerce: Basic ideas and Major activities of B2C, B2B, C2C. Present status of E-Commerce in India: Transition to E-Commerce in India, E-Transition Challenges for Indian Corporates; on-line Marketing Research.	Chalk and Talk, Power Point Presentation, Video Screening	7	03	
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TOTAL: 34

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Name of Teacher :	Hema Iyengar
Subject :	Business Economics II
Course, Class and Semester:	Commerce / FY / II
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	32

Month	No of lectures Available
November	2
December	12
January	10
February	10
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 10 Market Structure: Perfect Competition and Monopoly	Strategies Used	Planned	Taken	Remarks
November	a) Perfect Competition: Meaning and Features	PPT and Class Activity	2	2	
	b) Monopoly: Meaning and Features	PPT and Class Exercise	1	1	
December	c) Perfect competition and Monopoly models as two extreme cases - profit maximisation and the competitive firm's supply curve	PPT and Class Exercise	2	1	
	e) Short run and long run equilibrium of a firm and of industry	PPT	2	2	
	d) Sources of monopoly power	PPT	1	1	
	e) Short run and long run equilibrium of a firm under Monopoly	PPT and Class Activity	2	1	
Month	Syllabus Unit -2 Allotted Lectures :15 Pricing and Output Decisions under Imperfect Competition	Strategies Used	Planned	Taken	Remarks
December	a) Competitive and Monopolistic elements of monopolistic competition	PPT	1	1	
	b) Equilibrium of firm under monopolistic competition	PPT	2	2	
	c) Monopolistic verses perfect competition	PPT and Class Exercise	1	1	
	d) Excess capacity and inefficiency	PPT and Class Activity	1	1	



January	e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	PPT and Class Activity	2	2	
	f) Key attributes of oligopoly: Collusive and non-collusive oligopoly market	PPT and Class Activity	1	1	
	g) Price rigidity, Cartels and price leadership models(with practical examples)	PPT and Class Activity	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Pricing Practices				
January	a) Cost -plus (full cost)/mark-up pricing	PPT	1	1	
	b) Marginal cost pricing	PPT and Class Exercise	1	1	
	c) Mark up pricing	PPT and Class Exercise	1	1	
	d) Discriminating pricing	PPT and Class Activity	1	1	
February	e) Multiple - product pricing	PPT	1	1	
	f) Transfer pricing (case studies on how pricing methods are used in business world)	PPT	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Evaluating Capital Projects				
February	a) Meaning and importance of capital budgeting	PPT	1	1	
	b) Steps in capital budgeting	PPT and Case Study	1	1	
	d) Techniques of Investment appraisal: payback period method	PPT and Blackboard	2	2	
	e) Net present value method	PPT and Blackboard	1	1	
	f) Internal rate of return method (with numerical examples)	PPT and Blackboard	2	2	
Total			34	32	

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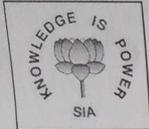
THE SIA COLLEGE OF HIGHER EDUCATION, Dombivli (East)
Teaching plan for year 2019-2020

Name of Teacher :	Ms. Deepika Iyer
Subject :	Foundation Course II
Course, Class and Semester:	FYBCOM II
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November & December	7
January	10
February	10
March	10
TOTAL	37

Month	Syllabus Unit -1 Allotted Lectures : 07 Globalisation and Indian Society	Strategies Used	Planned	Taken	Remarks
November & December	Understanding the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.	Lecture, Powerpoint presentations, Cases & examples, Assignment, Videos Revision	07	05	
Month	Syllabus Unit -2 Allotted Lectures : 10 Human Rights	Strategies Used	Planned	Taken	Remarks
December & January	Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution	Lecture, Powerpoint presentation, Video, live examples Revision	10	08	
Month	Syllabus Unit -3 Allotted Lectures : 10 Ecology	Strategies Used	Planned	Taken	Remarks





THE SIA COLLEGE OF HIGHER EDUCATION, Dombivli (East)
Teaching plan for year 2019-2020

January & February	Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation- causes and impact on human life; Sustainable development- concept and components; poverty and environment	Lecture Powerpoint Presentations, Activity - experiential learning, Assignment	10	07	
Month	Syllabus Unit -4 Alloted Lectures:10 Understanding Stress and Conflict	Strategies Used	Planned	Taken	Remarks
February	Causes of stress and conflict in individuals and society; Agents of socialization and the role played by them in developing the individual; Significance of values, ethics and prejudices in developing the individual; Stereotyping and prejudice as significant factors in causing conflicts in society. Aggression and violence as the public expression of conflict	Lecture, videos, moral stories, Powerpoint Presentation Cases & examples Revision	10	05	
Month	Syllabus Unit -5 Alloted Lectures:08 Managing Stress and Conflict in Contemporary Society	Strategies Used	Planned	Taken	Remarks
February & March	Types of conflicts and use of coping mechanisms for managing individual stress; Maslow's theory of self-actualisation; Different methods of responding to conflicts in society; Conflict-resolution and efforts towards building peace and harmony in society	Lecture Powerpoint Presentation Cases & examples Revision	08	04	

Total

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Name of Teacher :	Sreekala N.
Subject :	Mathematical and Statistical technique II
Course,Class and Semester:	B.Com / FY / II
Division :	A
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	58

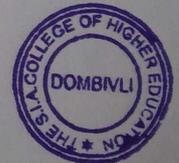
Month	No of lectures Available
Nov	3
Dec	10
Jan	28
Feb	24
Mar	10
TOTAL	75

Month	Syllabus Unit -3 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Bivariate Linear Correlation and Regression				
Nov & Dec	Correlation Analysis: Meaning, Types of Correlation, Determination of Correlation: Scatter diagram, Karl Pearson's method of Correlation Coefficient (excluding Bivariate Frequency Distribution Table) and Spearman's Rank Correlation Coefficient.	Moodle, Chalk & Board, Think, Pair and Share	7	04	Completed
Jan & Feb	Regression Analysis: Meaning, Concept of Regression equations, Slope of the Regression Line and its interpretation. Regression Coefficients (excluding Bivariate Frequency Distribution Table), Relationship between Coefficient of Correlation and Regression Coefficients, Finding the equations of Regression lines by method of Least Squares.	Moodle, Chalk & Board, Think, Pair and Share	8	10	Completed in Dec





Month	Syllabus Unit -1 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Functions, Derivatives and Their Applications				
Jan	Concept of real functions: Constant function, linear function, $x^n, e^x, a^x, \log x$. Demand, Supply, Total Revenue, Average Revenue, Total cost, Average cost and Profit function. Equilibrium Point, Break-even point.	Moodle, Chalk & Board, Think, Pair and Share	4	05	Completed
Jan	Derivative of functions: Derivative as rate measure, Derivative of $x^n, e^x, a^x, \log x$. Rules of derivatives: Scalar multiplication, sum, difference, product, quotient (Statements only), Simple problems. Second order derivatives.	Moodle, Chalk & Board, Think, Pair and Share	6	03	Completed in Feb
Jan	Applications: Marginal Cost, Marginal Revenue, Elasticity of Demand. Maxima and Minima for functions in Economics and Commerce. (Examination Questions on this unit should be application oriented only.)	Moodle, Chalk & Board, Think, Pair and Share	5	02	Completed in Feb





Month	Syllabus Unit -1 Allotted Lectures :15		Strategies Used	Planned	Taken	Remarks
	Functions, Derivatives and Their Applications					
Jan	Concept of real functions: Constant function, linear function, x^n , ex , ax , $\log x$. Demand, Supply, Total Revenue, Average Revenue, Total cost, Average cost and Profit function. Equilibrium Point, Break-even point.		Moodle, Chalk & Board, Think, Pair and Share	4	05	Completed
Jan	Derivative of functions: Derivative as rate measure, Derivative of x^n , ex , ax , $\log x$. Rules of derivatives: Scalar multiplication, sum, difference, product, quotient (Statements only), Simple problems. Second order derivatives.		Moodle, Chalk & Board, Think, Pair and Share	6	03	Completed in Feb
Jan	Applications: Marginal Cost, Marginal Revenue, Elasticity of Demand. Maxima and Minima for functions in Economics and Commerce. (Examination Questions on this unit should be application oriented only.)		Moodle, Chalk & Board, Think, Pair and Share	5	02	Completed in Feb





Month	Syllabus Unit -4 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Time series and Index Numbers				
Dec	<p><i>Time series</i>: Concepts and components of a time series. Representation of trend by Freehand Curve Method, Estimation of Trend using Moving Average Method and Least Squares Method (Linear Trend only). Estimation of Seasonal Component using Simple Arithmetic Mean for Additive Model only (For Trend free data only). Concept of Forecasting using Least Squares Method.</p>	Moodle, Chalk & Board, Think, Pair and Share	6	08	2 in Dec 8 06 in Jan
Jan	<p><i>Index Numbers</i>: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Laspeyres's, Paasche's, Dorbisich-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)</p>	Moodle, Chalk & Board, Think, Pair and Share	9	10	Completed





Month	Syllabus Unit -5 Alloted Lectures:15		Strategies Used	Planned	Taken	Remarks
	Elementary Probability Distributions					
Feb	Probability Distributions: Discrete Probability Distribution: Binomial, Poisson (Properties and applications only, no derivations are expected) Continuous Probability distribution: Normal Distribution. (Properties and applications only, no derivations are expected)		Moodle, Chalk & Board, Think, Pair and Share	15	09	Completed
Month	Syllabus Unit -2 Alloted Lectures:15		Strategies Used	Planned	Taken	Remarks
Feb	Interest: Simple Interest, Compound Interest (Nominal & Effective Rate of Interest), Calculations involving upto 4 time periods.		Moodle, Chalk & Board, Think, Pair and Share	5	} 07	Completed in march
March	Annuity: Annuity Immediate and its Present value, Future value. Equated Monthly Installments (EMI) using reducing balance method & amortization of loans. Stated Annual Rate & Affective Annual Rate Perpetuity and its present value. Simple problems involving up to 4 time periods.			10		
TOTAL				75	58	

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TEACHING PLAN 2018-2020

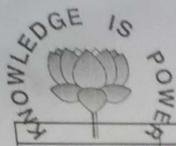
Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM II
Course, Class and Semester:	BCom / FY / II
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November and December	10
January	16
February	16
March	4
TOTAL	46

Month	Syllabus Unit 2- Allotted Lectures : 15 Consignment Accounts	Strategies Used	Planned	Taken	Remarks
November and December	Accounting for consignment transactions Valuation of stock Invoicing of goods at higher price(excluding overriding commission, normal/abnormal losses)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	09	

Month	Syllabus Unit 5- Allotted Lectures : 15 Fire Insurance Claim	Strategies Used	Planned	Taken	Remarks
January	Computation of Loss of Stock by Fire Ascertainment of Claim as per the Insurance Policy Ascertainment of Claim as per the Insurance Policy	Powerpoint Presentation for basic concepts, Problem Solving, Class Test	12	12	





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2020

SIA Month	Syllabus Unit 3 - Allotted Lectures :15 Branch Accounts	Strategies Used	Planned	Taken	Remarks
January	Meaning/ Classification of branch	Powerpoint Presentation for basic concepts	4	4.	

February	Meaning/ Classification of branch Accounting for Dependent Branch not maintaining full books: Debtors method, Stock and debtors method	Problem Solving, Assignment, Class Test	6	4	
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Month	Syllabus Unit 1- Alloted Lectures:15 Accounting from Incomplete Records	Strategies Used	Planned	Taken	Remarks
February	Introduction, Problems on preparation of final accounts of Proprietary Trading Concern (conversion method)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	8	
March	Problems on preparation of final accounts of Proprietary Trading Concern (conversion method)	Problem solving,	8	03	

TOTAL: 50

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce II
Course, Class and Semester:	Commerce / FY / II
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	2
December	6
January	10
February	10
March	6
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Concept of Services				
November, December and January	Introduction: Meaning, Characteristics, Scope and Classification of Services – Importance of service sector in the Indian Marketing Mix Services: Consumer expectations, Services Mix, - Product, Place, Price, Promotion, Process of Services delivery, Physical evidence and people Service Strategies: Market research and Service development cycle, Managing demand and capacity, opportunities and challenges in service sector.	Chalk and Talk, Power Point Presentation.	10	10	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Retailing				



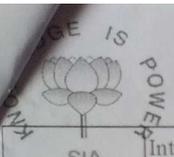
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TEACHING PLAN 2019-2020

January	Introduction: Concept of organized and unorganized retailing, Trends in retailing, growth of organized retailing in India, Survival strategies for unorganized Retailers Retail Format: Store format, Non – Store format, Store Planning, design and layout Retail Scenario: Retail Scenario in India and Global context – Prospects and Challenges in India. Mall Management – Retail Franchising. FDI in Retailing, Careers in Retailing	Chalk and Talk, Power Point Presentation, Videos on Retailing	8	09	
Month	Syllabus Unit -3 Alloted Lectures : 11 Recent Trends in Service Sector	Strategies Used	Planned	Taken	Remarks
February	ITES Sector: Concept and scope of BPO, KPO, LPO and ERP. Banking and Insurance Sector: ATM, Debit & Credit Cards, Internet Banking – Opening of Insurance sector for private players, FDI and its impact on Banking and Insurance Sector in India Logistics: Net working – Importance – Challenges	Chalk and Talk, Power Point Presentation, Video Screening	9	07	

Month	Syllabus Unit -4 Alloted Lectures:12 E-Commerce	Strategies Used	Planned	Taken	Remarks
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THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI(EAST)
TEACHING PLAN 2019-2020

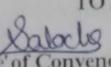


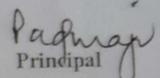
SIA February and March	Introduction: Meaning, Features, Functions and Scope of E-Commerce-Importance and Limitations of E-Commerce Types of E-Commerce: Basic ideas and Major activities of B2C, B2B, C2C. Present status of E-Commerce in India: Transition to E-Commerce in India, E-Transition Challenges for Indian Corporates; on-line Marketing Research.	Chalk and Talk, Power Point Presentation, Video Screening	7	0/5	
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TOTAL: 34

34


Signature of Subject Teacher


Signature of Convenor


Principal
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The S.I.A. College of Higher Education
DOMBIVLI (E)

Name of Teacher :	Hema Iyengar
Subject :	Business Economics II
Course,Class and Semester:	Commerce / FY / II
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	32

Month	No of lectures Available
November	2
December	12
January	10
February	10
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 10 Market Structure: Perfect Competition and Monopoly	Strategies Used	Planned	Taken	Remarks
November	a) Perfect Competition: Meaning and Features	PPT and Class Activity	2	2	
	b) Monopoly: Meaning and Features	PPT and Class Exercise	1	1	
December	c) Perfect competition and Monopoly models as two extreme cases - profit maximisation and the competitive firm's supply curve	PPT and Class Exercise	2	1	
	c) Short run and long run equilibrium of a firm and of industry	PPT	2	2	
	d) Sources of monopoly power	PPT	1	1	
	e) Short run and long run equilibrium of a firm under Monopoly	PPT and Class Activity	2	1	
Month	Syllabus Unit -2 Allotted Lectures :15 Pricing and Output Decisions under Imperfect Competition	Strategies Used	Planned	Taken	Remarks
December	a) Competitive and Monopolistic elements of monopolistic competition	PPT	1	1	
	b) Equilibrium of firm under monopolistic competition	PPT	2	2	
	c) Monopolistic verses perfect competition	PPT and Class Exercise	1		
	d) Excess capacity and inefficiency	PPT and Class Activity	1		



January	e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	PPT and Class Activity	2	2	
	f) Key attributes of oligopoly: Collusive and non-collusive oligopoly market	PPT and Class Activity	1	1	
	g) Price rigidity, Cartels and price leadership models(with practical examples)	PPT and Class Activity	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Pricing Practices				
January	a) Cost -plus (full cost)/mark-up pricing	PPT	1	1	
	b) Marginal cost pricing	PPT and Class Exercise	1	1	
	c) Mark up pricing	PPT and Class Exercise	1	1	
	d) Discriminating pricing	PPT and Class Activity	1	1	
February	e) Multiple - product pricing	PPT	1	1	
	f) Transfer pricing (case studies on how pricing methods are used in business world)	PPT	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Evaluating Capital Projects				
February	a) Meaning and importance of capital budgeting	PPT	1	1	
	b) Steps in capital budgeting	PPT and Case Study	1	1	
	d) Techniques of Investment appraisal: payback period method	PPT and Blackboard	2	2	
	e) Net present value method	PPT and Blackboard	1	1	
	f) Internal rate of return method (with numerical examples)	PPT and Blackboard	2	2	
Total			34	32	

Heena
Signature of Subject Teacher

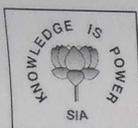
Sabech
Signature of Convenor

Radhika
Principal

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S.I.A. College of Higher Education
DOMBIVLI (E)





THE SIA COLLEGE OF HIGHER EDUCATION, Dombivli (East)
Teaching plan for year 2019-2020

Name of Teacher :		Ms. Deepika Iyer			Month	No of lectures Available
Subject :		Foundation Course II			November & December	
Course, Class and Semester:		FYBCOM II			January	
Division :		B			February	
Lectures Alloted for whole Semester:		45			March	
Actual Lectures Taken :					TOTAL	
Month	Syllabus Unit -1 Allotted Lectures : 07	Strategies Used	Planned	Taken	Remarks	
	Globalisation and Indian Society					
November & December	Understanding the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.	Lecture, Powerpoint presentations, Cases & examples, Assignment, Videos Revision	07	05		
Month	Syllabus Unit -2 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks	
	Human Rights					
December & January	Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution	Lecture, Powerpoint presentation, Video, live examples Revision	10	08		
Month	Syllabus Unit -3 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks	
	Ecology					





THE S.I.A. COLLEGE OF HIGHER EDUCATION, Dombivli (East)
Teaching plan for year 2019-2020

January & February	Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation- causes and impact on human life; Sustainable development- concept and components; poverty and environment	Lecture Powerpoint Presentations, Activity - experiential learning, Assignment	10	07	
Month	Syllabus Unit -4 Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
	Understanding Stress and Conflict				
February	Causes of stress and conflict in individuals and society; Agents of socialization and the role played by them in developing the individual; Significance of values, ethics and prejudices in developing the individual; Stereotyping and prejudice as significant factors in causing conflicts in society. Aggression and violence as the public expression of conflict	Lecture, videos, moral stories, Powerpoint Presentation Cases & examples Revision	10	04	
Month	Syllabus Unit -5 Alloted Lectures:08	Strategies Used	Planned	Taken	Remarks
	Managing Stress and Conflict in Contemporary Society				
February & March	Types of conflicts and use of coping mechanisms for managing individual stress; Maslow's theory of self-actualisation; Different methods of responding to conflicts in society; Conflict-resolution and efforts towards building peace and harmony in society	Lecture Powerpoint Presentation Cases & examples Revision	08	04	

Total

45

28

Deepika
Signature of Subject Teacher

Saboo
Signature of Convenor

Padmaj
Principal

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Name of Teacher :	Poojalee K.
Subject :	Mathematical and Statistical technique II
Course, Class and Semester:	B.Com / FY / II
Division :	B
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	

Month	No of lectures Available
Nov	3
Dec	10
Jan	28
Feb	24
Mar	10
TOTAL	75

Month	Syllabus Unit -3 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Bivariate Linear Correlation and Regression				
Nov & Dec	Correlation Analysis: Meaning, Types of Correlation, Determination of Correlation: Scatter diagram, Karl Pearson's method of Correlation Coefficient (excluding Bivariate Frequency Distribution Table) and Spearman's Rank Correlation Coefficient.	Moodle, Chalk & Board, Think, Pair and Share	7	NOV - 3 DEC - 4	Correlation scatter diagram Karl Pearson's method completed Spearman's correlation coeff. Completed
Jan & Feb	Regression Analysis: Meaning, Concept of Regression equations, Slope of the Regression Line and its interpretation. Regression Coefficients (excluding Bivariate Frequency Distribution Table), Relationship between Coefficient of Correlation and Regression Coefficients, Finding the equations of Regression lines by method of Least Squares.	Moodle, Chalk & Board, Think, Pair and Share	8	8	Completed





Month	Syllabus Unit -1 Allotted Lectures :15		Strategies Used	Planned	Taken	Remarks
	Functions, Derivatives and Their Applications					
Jan	Concept of real functions: Constant function, linear function, $x^n, e^x, a^x, \log x$. Demand, Supply, Total Revenue, Average Revenue, Total cost, Average cost and Profit function. Equilibrium Point, Break-even point.		Moodle, Chalk & Board, Think, Pair and Share	4	3	Completed
Jan	Derivative of functions: Derivative as rate measure, Derivative of $x^n, e^x, a^x, \log x$. Rules of derivatives: Scalar multiplication, sum, difference, product, quotient (Statements only), Simple problems. Second order derivatives.		Moodle, Chalk & Board, Think, Pair and Share	6	5	Completed
Jan	Applications: Marginal Cost, Marginal Revenue, Elasticity of Demand. Maxima and Minima for functions in Economics and Commerce. (Examination Questions on this unit should be application oriented only.)		Moodle, Chalk & Board, Think, Pair and Share	5	3	Completed



Month	Syllabus Unit -4 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Time series and Index Numbers				
Dec	<p>Time series: Concepts and components of a time series. Representation of trend by Freehand Curve Method, Estimation of Trend using Moving Average Method and Least Squares Method (Linear Trend only). Estimation of Seasonal Component using Simple Arithmetic Mean for Additive Model only (For Trend free data only). Concept of Forecasting using Least Squares Method.</p>	Moodle,Chalk & Board, Think, Pair and Share	6	6	Completed
Jan	<p>Index Numbers: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)</p>	Moodle,Chalk & Board, Think, Pair and Share	9	7	Completed



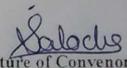


Month	Syllabus Unit -5 Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Elementary Probability Distributions				
Feb	Probability Distributions:	Moodle,Chalk & Board, Think, Pair and Share	15	10	Completed In tutorial taken more questions
	Discrete Probability Distribution: Binomial, Poisson (Properties and applications only, no derivations are expected)				
	Continuous Probability distribution: Normal Distribution. (Properties and applications only, no derivations are expected)				
Month	Syllabus Unit -2 Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Interest and Annuity				
Feb	Interest: Simple Interest, Compound Interest (Nominal & Effective Rate of Interest), Calculations involving upto 4 time periods.	Moodle,Chalk & Board, Think, Pair and Share	5	5	Completed
March	Annuity: Annuity Immediate and its Present value, Future value. Equated Monthly Installments (EMI) using reducing balance method & amortization of loans. Stated Annual Rate & Affective Annual Rate Perpetuity and its present value. Simple problems involving up to 4 time periods.		10	07	Completed

TOTAL

75

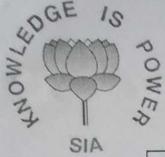

Signature of Subject Teacher


Signature of Convenor


Principal

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DOMBIVLI (E)





THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, P'VLI(EAST)
TEACHING PLAN 2019-2020

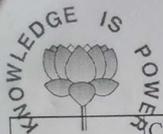
Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM II
Course, Class and Semester:	BCom / FY / II
Division :	C
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November and December	10
January	16
February	16
March	4
TOTAL	46

Month	Syllabus Unit 2- Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Consignment Accounts				
November and December	Accounting for consignment transactions Valuation of stock Invoicing of goods at higher price(excluding overriding commission, normal/abnormal losses)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	08	

Month	Syllabus Unit 5 - Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Fire Insurance Claim				





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TEACHING PLAN 2018-2020**

January	Computation of Loss of Stock by Fire Ascertainment of Claim as per the Insurance Policy. Ascertainment of Claim as per the Insurance Policy	Powerpoint Presentation for basic concepts, Problem Solving, Class Test	12	12	
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Month	Syllabus Unit 3 - Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Branch Accounts				
January	Meaning/ Classification of branch	Powerpoint Presentation for basic concepts	4	4	

February	Meaning/ Classification of branch Accounting for Dependent Branch not maintaining full books: Debtors method, Stock and debtors method	Problem Solving, Assignment, Class Test	6	4	
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Month	Syllabus Unit 1- Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Accounting from Incomplete Records				
February	Introduction, Problems on preparation of final accounts of Proprietary Trading Concern (conversion method)	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Class Test	10	8	
March	Problems on preparation of final accounts of Proprietary Trading Concern (conversion method)	Problem solving,	8	4	





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TEACHING PLAN 2019-2020

TOTAL:

Sabots
Signature of Subject Teacher

40
Sabots
Signature of Convenor

Padmay
Principal

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DOMBIVLI (E)





THE S.I.A COLLEGE OF HIGHER EDUCATION, DO.BIVLI(EAST)
TEACHING PLAN 2019-2020

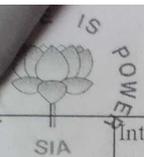
Name of Teacher :	Babita Nagdev
Subject :	Commerce II
Course, Class and Semester:	Commerce / FY / II
Division :	C
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	2
December	6
January	10
February	10
March	6
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Concept of Services				
November, December and January	Introduction: Meaning, Characteristics, Scope and Classification of Services – Importance of service sector in the Indian Marketing Mix Services: Consumer expectations, Services Mix, - Product, Place, Price, Promotion, Process of Services delivery, Physical evidence and people Service Strategies: Market research and Service development cycle, Managing demand and capacity, opportunities and challenges in service sector.	Chalk and Talk, Power Point Presentation.	10	10	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Retailing				



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TEACHING PLAN 2019-2020

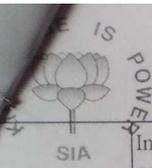


January	Introduction: Concept of organized and unorganized retailing, Trends in retailing, growth of organized retailing in India, Survival strategies for unorganized Retailers Retail Format: Store format, Non – Store format, Store Planning, design and layout Retail Scenario: Retail Scenario in India and Global context – Prospects and Challenges in India. Mall Management – Retail Franchising, FDI in Retailing, Careers in Retailing	Chalk and Talk, Power Point Presentation, Videos on Retailing	8	10	
Month	Syllabus Unit -3 Alloted Lectures : 11 Recent Trends in Service Sector	Strategies Used	Planned	Taken	Remarks
February	ITES Sector: Concept and scope of BPO, KPO, LPO and ERP. Banking and Insurance Sector: ATM, Debit & Credit Cards, Internet Banking – Opening of Insurance sector for private players, FDI and its impact on Banking and Insurance Sector in India Logistics: Net working – Importance – Challenges	Chalk and Talk, Power Point Presentation, Video Screening	9	70	

Month	Syllabus Unit -4 Alloted Lectures:12 E-Commerce	Strategies Used	Planned	Taken	Remarks
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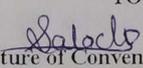


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TEACHING PLAN 2019-2020

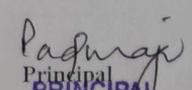


February and March	Introduction: Meaning, Features, Functions and Scope of E-Commerce-Importance and Limitations of E-Commerce Types of E-Commerce: Basic ideas and Major activities of B2C, B2B, C2C. Present status of E-Commerce in India: Transition to E-Commerce in India, E-Transition Challenges for Indian Corporates; on-line Marketing Research.	Chalk and Talk, Power Point Presentation, Video Screening	7	04	
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Signature of Subject Teacher

TOTAL: 34

Signature of Convener

31


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DOMBIVLI (E)



Name of Teacher :	Hema Iyengar
Subject :	Business Economics II
Course, Class and Semester:	Commerce / FY / II
Division :	C
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	32

Month	No of lectures Available
November	2
December	12
January	10
February	10
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Market Structure: Perfect Competition and Monopoly				
November	a) Perfect Competition: Meaning and Features	PPT and Class Activity	2	2	
	b) Monopoly: Meaning and Features	PPT and Class Exercise	1	1	
December	c) Perfect competition and Monopoly models as two extreme cases - profit maximisation and the competitive firm's supply curve	PPT and Class Exercise	2	1	
	c) Short run and long run equilibrium of a firm and of industry	PPT	2	2	
	d) Sources of monopoly power	PPT	1	1	
	e) Short run and long run equilibrium of a firm under Monopoly	PPT and Class Activity	2	1	
Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Pricing and Output Decisions under Imperfect Competition				
December	a) Competitive and Monopolistic elements of monopolistic competition	PPT	1	1	
	b) Equilibrium of firm under monopolistic competition	PPT	2	2	
	c) Monopolistic verses perfect competition	PPT and Class Exercise	1	1	
	d) Excess capacity and inefficiency	PPT and Class Activity	1	1	



January	e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	PPT and Class Activity	2	2	
	f) Key attributes of oligopoly: Collusive and non-collusive oligopoly market	PPT and Class Activity	1	1	
	g) Price rigidity, Cartels and price leadership models(with practical examples)	PPT and Class Activity	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 10 Pricing Practices	Strategies Used	Planned	Taken	Remarks
January	a) Cost -plus (full cost)/mark-up pricing	PPT	1	1	
	b) Marginal cost pricing	PPT and Class Exercise	1	1	
	c) Mark up pricing	PPT and Class Exercise	1	1	
	d) Discriminating pricing	PPT and Class Activity	1	1	
February	e) Multiple - product pricing	PPT	1	1	
	f) Transfer pricing (case studies on how pricing methods are used in business world)	PPT	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 10 Evaluating Capital Projects	Strategies Used	Planned	Taken	Remarks
February	a) Meaning and importance of capital budgeting	PPT	1	1	
	b) Steps in capital budgeting	PPT and Case Study	1	1	
	d) Techniques of Investment appraisal: payback period method	PPT and Blackboard	2	2	
	e) Net present value method	PPT and Blackboard	1	1	
	f) Internal rate of return method (with numerical examples)	PPT and Blackboard	2	2	
	Total			34	32

Hema

Signature of Subject Teacher

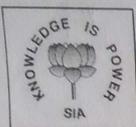
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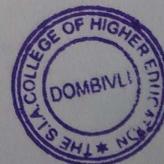
Paguraj
Principal
PRINCIPAL

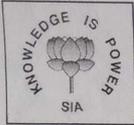
The S.I.A. College of Higher Education
DOMBIVLI (E)



THE SIA COLLEGE OF HIGHER EDUCATION, Dombivli (East)
Teaching plan for year 2019-2020

Name of Teacher :		Ms. Deepika Iyer		Month	No of lectures Available
Subject :		Foundation Course II		November & December	
Course, Class and Semester:		FYBCOM II		January	
Division :		C		February	
Lectures Alloted for whole Semester:		45		March	
Actual Lectures Taken :				TOTAL	
Month	Syllabus Unit -1 Allotted Lectures : 07 Globalisation and Indian Society	Strategies Used	Planned	Taken	Remarks
November & December	Understanding the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.	Lecture, Powerpoint presentations, Cases & examples, Assignment, Videos Revision	07	05	
Month	Syllabus Unit -2 Allotted Lectures : 10 Human Rights	Strategies Used	Planned	Taken	Remarks
December & January	Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution	Lecture, Powerpoint presentation, Video, live examples Revision	10	08	
Month	Syllabus Unit -3 Allotted Lectures : 10 Ecology	Strategies Used	Planned	Taken	Remarks





THE SIA COLLEGE OF HIGHER EDUCATION, Dombivli (East)
Teaching plan for year 2019-2020

January & February	Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation- causes and impact on human life; Sustainable development- concept and components; poverty and environment	Lecture Powerpoint Presentations, Activity - experiential learning, Assignment	10	07	
Month	Syllabus Unit -4 Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
	Understanding Stress and Conflict				
February	Causes of stress and conflict in individuals and society; Agents of socialization and the role played by them in developing the individual; Significance of values, ethics and prejudices in developing the individual; Stereotyping and prejudice as significant factors in causing conflicts in society. Aggression and violence as the public expression of conflict	Lecture, videos, moral stories, Powerpoint Presentation Cases & examples Revision	10	05	
Month	Syllabus Unit -5 Alloted Lectures:08	Strategies Used	Planned	Taken	Remarks
	Managing Stress and Conflict in Contemporary Society				
February & March	Types of conflicts and use of coping mechanisms for managing individual stress; Maslow's theory of self-actualisation; Different methods of responding to conflicts in society; Conflict-resolution and efforts towards building peace and harmony in society	Lecture Powerpoint Presentation Cases & examples Revision	08	04	

Total

45

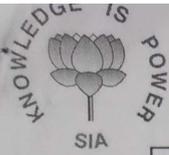
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Deepika
Signature of Subject Teacher

Sabots
Signature of Convenor

Daguraji
Principal
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The S.I.A. College of Higher Education
DOMBIVLI (E)





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Manju Sasikumar
Subject :	Business Communication
Course,Class and Semester:	Commerce / FY / II
Division :	C
Lectures Alloted for whole Semester:	30
Actual Lectures Taken :	

Month	No of lectures Available
November	4
December	6
January	12
February	5
March	3
TOTAL	30

Month	Syllabus Unit -2 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Business Correspondence				
November	Trade Letters: Letters of Inquiry,	Discussion, Chalk and Board	4	3	
December	Letters of Complaints, Claims,	Discussion, Chalk and Board	6	5	



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TEACHING PLAN 2019-2020

Month	Syllabus Unit -3 Allotted Lectures : 15 Language and Writing Skills	Strategies Used	Planned	Taken	Remarks
January	Adjustments, Sales Letters, Promotional leaflets and fliers, Consumer Grievance Redressal Letters, Letters under Right to Information (RTI) Act.		12	10	
February	1) Reports and Business Proposals: Parts, Types, Feasibility Reports, Investigative Reports, Drafting of Business Proposals.	Discussion, Chalk and Board	5	5	
	2) Summarization: identification of main and supporting / sub points, Presenting these in a cohesive manner.	Discussion, Chalk and Board			
March	3) Tutorial Activity: Group Discussion, Book Review, Mock Interview.	Discussion, Chalk and Board, Role Play,	3	3	
TOTAL:			30	28	

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Name of Teacher :	Sreekala N.
Subject :	Mathematical and Statistical technique II
Course,Class and Semester:	B.Com / FY / II
Division :	C
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	57

Month	No of lectures Available
Nov	3
Dec	10
Jan	28
Feb	24
Mar	10
TOTAL	75

Month	Syllabus Unit -3 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Bivariate Linear Correlation and Regression				
Nov & Dec	Correlation Analysis: Meaning, Types of Correlation, Determination of Correlation: Scatter diagram, Karl Pearson's method of Correlation Coefficient (excluding Bivariate Frequency Distribution Table) and Spearman's Rank Correlation Coefficient.	Moodle, Chalk & Board, Think, Pair and Share	7	Nov - 3	Completed
Jan & Feb	Regression Analysis: Meaning, Concept of Regression equations, Slope of the Regression Line and its interpretation. Regression Coefficients (excluding Bivariate Frequency Distribution Table), Relationship between Coefficient of Correlation and Regression Coefficients, Finding the equations of Regression lines by method of Least Squares.	Moodle, Chalk & Board, Think, Pair and Share	8	09	Completed in Dec





Month	Syllabus Unit -1 Allotted Lectures :15		Strategies Used	Planned	Taken	Remarks
	Functions, Derivatives and Their Applications					
Jan	Concept of real functions: Constant function, linear function, $x^n, ex, ax, \log x$. Demand, Supply, Total Revenue, Average Revenue, Total cost, Average cost and Profit function. Equilibrium Point, Break-even point.		Moodle, Chalk & Board, Think, Pair and Share	4	04	Completed
Jan	Derivative of functions: Derivative as rate measure, Derivative of $x^n, ex, ax, \log x$. Rules of derivatives: Scalar multiplication, sum, difference, product, quotient (Statements only), Simple problems. Second order derivatives.		Moodle, Chalk & Board, Think, Pair and Share	6	06	2 in Jan 4 in Feb
Jan	Applications: Marginal Cost, Marginal Revenue, Elasticity of Demand. Maxima and Minima for functions in Economics and Commerce. (Examination Questions on this unit should be application oriented only.)		Moodle, Chalk & Board, Think, Pair and Share	5	05	Completed in Feb





Month	Syllabus Unit -4 Alloted Lectures : 15 Time series and Index Numbers	Strategies Used	Planned	Taken	Remarks
Dec	<p><i>Time series</i>: Concepts and components of a time series. Representation of trend by Freehand Curve Method, Estimation of Trend using Moving Average Method and Least Squares Method (Linear Trend only). Estimation of Seasonal Component using Simple Arithmetic Mean for Additive Model only (For Trend free data only). Concept of Forecasting using Least Squares Method.</p>	Moodle, Chalk & Board, Think, Pair and Share	6	06	2 in Dec 4 in Jan
Jan	<p><i>Index Numbers</i>: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)</p>	Moodle, Chalk & Board, Think, Pair and Share	9	10	Completed





Month	Syllabus Unit -5 Alloted Lectures:15 Elementary Probability Distributions	Strategies Used	Planned	Taken	Remarks
Feb	Probability Distributions: Discrete Probability Distribution: Binomial, Poisson (Properties and applications only, no derivations are expected) Continuous Probability distribution: Normal Distribution. (Properties and applications only, no derivations are expected)	Moodle, Chalk & Board, Think, Pair and Share	15	07	05 in Feb 02 in Mar Completed
Month	Syllabus Unit -2 Alloted Lectures:15 Interest and Annuity	Strategies Used	Planned	Taken	Remarks
Feb	Interest: Simple Interest, Compound Interest (Nominal & Effective Rate of Interest), Calculations involving upto 4 time periods. Annuity: Annuity Immediate and its Present value, Future value. Equated Monthly Installments (EMI) using reducing balance method & amortization of loans. Stated Annual Rate & Affective Annual Rate Perpetuity and its present value. Simple problems involving up to 4 time periods.	Moodle, Chalk & Board, Think, Pair and Share	5	07	Completed
March			10		

TOTAL

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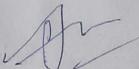


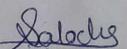
Name of Teacher :	Anuradha Gawade	Month	No of lectures Available
Subject :	Environmental Studies	November & December	
Course, Class and Semester:	COM/ FY/II	January	
Division :	A, B & C	February	
Lectures Alloted for whole Semester:	60	March	
Actual Lectures Taken :		TOTAL	

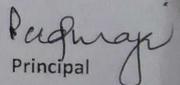
Month	Syllabus Unit -1 Allotted Lectures : 13	Strategies Used	Planned	Taken			Remarks
	Solid Waste Management for Sustainable Society			A	B	C	
November	Classification of solid wastes – Types and Sources of Solid Waste ; Effects of Solid Waste Pollution- Health hazards, Environmental Impacts; Solid Waste Management – solid waste management in Mumbai- Schemes and initiatives run by MCGM – role of citizens in waste management in Mumbai	Power point Presentation	13	11	7	9	
Month	Syllabus Unit -2 Allotted Lectures :13	Strategies Used	Planned	Taken			Remarks
	Agriculture and Industrial Development						
December	Environmental Problems Associated with Agriculture: Loss of Productivity, Land Degradation ,desertification - Uneven Food Production – Hunger, Malnutrition and Food Security – Sustainable Agricultural practices. Environmental Problems Associated with Industries – pollution -Global warming, Ozone Layer Depletion , Acid rain, Sustainable Industrial practices – Green Business and Green Consumerism, Corporate Social Responsibility	Power point Presentation	13	10	8	9	
Month	Syllabus Unit -3 Alloted Lectures : 13	Strategies Used	Planned	Taken			Remarks
	Tourism and Environment						
January	Tourism: Meaning, Nature, Scope and importance –Typology of tourism classification; Tourism potentials in India and challenges before India; New Tourism Policy of India; Consequences of tourism : Positive and Negative Impacts on Economy, Culture and environment- Ecotourism	Power point Presentation	13	4	6	2	
Month	Syllabus Unit -4 Alloted Lectures:13	Strategies Used	Planned	Taken			Remarks
	Environmental Movements and Management						



January and February	Environmental movements in India: Save Narmada Movement, Chipko Movement, Appiko Movement, Save Western Ghat and Save Jaitapur Environmental Management: Concept, need and relevance Concept of ISO 14000 and 16000; Concept of Carbon Bank and Carbon Credit. EIA - Environment Protection Acts – Concept and components of Geospatial Technology Applications of GST in Environmental Management.	Power point Presentation	13	7 5 8	
Month	Syllabus Unit -5 Alloted Lectures:08	Strategies Used	Planned	Taken	Remarks
	Map Filling				
March	Map filling of Konkan and Mumbai (Environmentally significant features and GST centers) using point, line and polygon segment.	Power point Presentation	8	5 8 9	
TOTAL:			60		


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THE SIA COLLEGE OF HIGHER EDUCATION
TEACHING PLAN : AFM III 2019 - 2020

Name of Teacher :	Kavitha Nadar
Subject :	Accounting and Financial Management - III
Course, Class and Semester:	BCOM / SY / III
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	36

Month	No of lectures Available
June	12
July	16
August	16
September	3
TOTAL	47

Month	Syllabus Unit - II Allotted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Piecemeal Distribution of Cash				
June	Piecemeal Distribution of Cash	Discussion Method, Chalk and tak, Practical problems, Test	12	12	

Month	Syllabus Unit - IV Allotted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Conversion of Partnership Firm to Limited Company				
July	Conversion of Partnership Firm to Limited Company	Discussion Method, Chalk and tak, Practical problems, Test	10	10	

Month	Syllabus Unit -III Alloted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Amalgamation of a Partnership Firm				

July	Amalgamation of a partnership Firm	PPT, Discussion Method, Chalk and tak, Points to remember, Test	6	6	
Month	Syllabus Unit -3 Alloted Lectures:20 Amalgamation of a Partnership Firm	Strategies Used	Planned	Taken	Remarks
August	Amalgamation of a Partnership Firm	PPT, Discussion Method, Chalk and tak, Practical problems, Test	10	10	

Month	Syllabus Unit -1 Alloted Lectures:20 Amalgamation of a Partnership Firm	Strategies Used	Planned	Taken	Remarks
August	Partnership Final Accounts	PPT, Discussion Method, Chalk and tak, Practical problems, Test	6	6	

Month	Syllabus Unit -1 Alloted Lectures:20 Amalgamation of a Partnership Firm	Strategies Used	Planned	Taken	Remarks
September	Partnership Final Accounts & Revision	PPT, Discussion Method, Chalk and tak, Practical problems, Test	3	3	

TOTAL: 47

47

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TEACHING PLAN 2018-2019

Name of Teacher :	Hasitkumar Nagariya
Subject :	Management Accounting
Course, Class and Semester:	BCOM / SY / III
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	33

Month	No of lectures Available
June	9
July	14
August	12
September	10
TOTAL	45

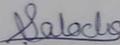
Month	Syllabus Unit -1 Allotted Lectures : 05	Strategies Used	Planned	Taken	Remarks
	Introduction to Management Accounting				
June	Meaning, Nature	Lecture	2	1	
	Scope and Functions of Management Accounting	PPT Presentation	2	1	
	Role of Management Accounting in Decision Making				
	Management and Financial Accounting				
July	Syllabus Unit -2 Allotted Lectures : 10				
	Analysis and Interpretation of Accounts				
	a) Vertical Forms of Balance Sheet and Profit and Loss Account suitable for analysis	Chalk Board	3	2	
	b) Trend Analysis		2	1	
	c) Comparative Statement		2	1	
d) Common Size Statement		2	1		
August	Syllabus Unit - 3 Allotted Lectures : 10				
	Ratio Analysis and Interpretation based on Vertical Financial Statement				
	a) Balance Sheet Ratios-Current Ratio, Liquid Ratio, Stock Working Capital Ratio, Proprietary Ratio, Debt Equity Ratio, Capital Gearing Ratio	Chalk Board	5	3	



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TEACHING PLAN 2018-2019

SIA	b) Revenue Statement Ratios-Gross Profit Ratio, Expenses Ratio, Operating Ratio, Net Profit Ratio, Net operating Profit Ratio, Stock Turnover Ratio	Chalk Board	5	3	
	Term Borrowings), Return on Proprietor's Fund, Return on Equity Capital, Dividend Pay out Ratio, Debt Service Ratio, Debtors Turnover, Creditors Turnover Ratio	Chalk Board	6	5	
September	Syllabus Unit -4 Allotted Lectures :10				
	Working Capital Mangement				
	Concept, Nature of Working Capital, Planning of Working Capital, Estimation/Projection of Capital Requirements in case of Trading and Manufacturing Organization, Operating Cycle	Chalk Board, PPT Presentation	6	6	
	Syllabus Unit -5 Allotted Lectures :10				
	Capital Budgeting				
	Introduction, The Classification of Capital Budgeting Projects.	Lecture	4	2	
	Capital Budgeting Process	Role Play	3	5	
	Capital Budgeting Techniques-Payback Period, Accounting Rate of Return, Net Present Value, The Profitability Index, Discounted Payback(Excluding Calculation of Cash Flow)	Chalk Board	3	1	
	TOTAL:		45	33	


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TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce III
Course,Class and Semester:	Commerce / SY / III
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	9
July	10
August	11
September	5
TOTAL	35

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Introduction To Management				
June	Management- Concept, Nature, Functions, Managerial Skills & Competencies Evolution of Management Thoughts Classical Approach: Scientific Management – F.W.Taylor’s Contribution Classical Organisation Theory: Henri Fayol’s Principles Neo Classical: Human Relations Approach – Elton Mayo’s Hawthorne experiments	Chalk and Talk, Power Point Presentation.	6	06	
June	Modern Management Approach- Peter Drucker’s Dimensions of Management, Indian Management Thoughts: Origin & Significance of Indian Ethos to Management.	Chalk and Talk, Power Point Presentation.	3	03	



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TEACHING PLAN 2019-2020

Month	Syllabus Unit -2 Allotted Lectures :10 Planning and Decision Making	Strategies Used	Planned	Taken	Remarks
July	Planning - Steps, Importance, Components, Coordination – Importance M.B.O -Process, Advantages, Management By Exception- Advantages; Management Information System- Concept, Components • Decision Making - Techniques, Essentials of a Sound Decision Making Impact of Technology on Decision Making.	Chalk and Talk, Power Point Presentation.	8	02 (of June) 06	
Month	Syllabus Unit -3 Allotted Lectures : 11 Organising	Strategies Used	Planned	Taken	Remarks
July and August	Organising-Steps, Organisation Structures – Features of Line & Staff Organisation, Matrix Organisation, Virtual Organisation, Formal/vs Informal Organisation. Departmentation -Meaning -Bases, Span of Management- Factors Influencing Span of Management, Tall and Flat Organisation. Delegation of Authority- Process, Barriers to Delegation, Principles of Effective Delegation. Decentralisation: Factors Influencing Decentralisation, Centralization v/s Decentralisation	Chalk and Talk, Power Point Presentation, Video Screening	8	08	

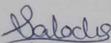


Month	Syllabus Unit -4 Allotted Lectures:12 Directing and Controlling	Strategies Used	Planned	Taken	Remarks
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TEACHING PLAN 2019-2020

SIA August and September	Motivation – Concept, Importance, Influencing factors. Importance of Communication, Barriers to effective Communication Leadership- Concept,Functions, Styles, Qualities of a good leader. Controlling – Concept, Steps, Essentials of good control system, Techniques of Controlling -PERT, CPM, Budgetary Control, Management Audit.	Chalk and Talk, Power Point Presentation, Video Screening	8	08	
September	Revision		2	02	
TOTAL:			35	35	


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Name of Teacher :	Hema Iyengar
Subject :	Business Economics III
Course, Class and Semester:	Commerce / SY / III
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	11
July	11
August	10
September	8
TOTAL	40

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Overview of Macroeconomics				
June	Macroeconomics: Meaning, Scope and Importance.	PPT and Class Activity	2	1	
	Circular flow of aggregate income and expenditure and its Importance- closed and open economy models	PPT and Class Exercise	2	2	
	The Measurement of National Product: Meaning and Importance of National Income Accounting- conventional and Green GNP and NNP concepts -National Income and Economic Welfare.	PPT and Class Exercise	2	2	
	Trade Cycles: Features and Phases	PPT	2	1	
	Classical Macro economics : Say's law of Markets - Features, Implications and Criticism	PPT and Class Activity	2	1	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Basic Concepts of Keynesian Economics				
June	The Principle of Effective Demand: Aggregate Demand and Aggregate Supply	PPT	2	2	
	Consumption Function: Properties, Assumptions and Implications	PPT	2	1	



July	Investment function and Marginal Efficiency of capital	PPT and Class Exercise	2	1	
	Investment Multiplier effect on Income and Output: Assumptions, Working, Leakages, Criticism and Importance - paradox of thrift	PPT and Class Activity	3	2	
	Relevance of Keynesian theory tools to the developing countries	PPT and Class Activity	1	1	
Month	Syllabus Unit -3 Alloted Lectures : 10 Post-Keynesian Developments in Macroeconomics	Strategies Used	Planned	Taken	Remarks
August	The IS-LM model of integration of commodity and money markets	PPT	2	2	
	Inflation and unemployment : Philips curve	PPT and Class Exercise	2	2	
	Stagflation : meaning, causes, and consequences	PPT and Class Exercise	2	2	
	Supply side economics : Basic propositions and critical appraisal	PPT and Class Activity	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 15 Money, Prices and Inflation	Strategies Used	Planned	Taken	Remarks
September	Money Supply: Determinants of Money Supply Factors influencing Velocity of Circulation of Money	PPT	3	2	1 lec in August
	Demand for Money : Classical and Keynesian approaches and Keynes' liquidity preference theory of interest - Friedman's restatement of Demand for money	PPT and Case Study	2	2	
	Money and prices : Quantity theory of money - Fisher's equation of exchange - Cambridge cash balance approach	PPT and Blackboard	3	2	



Inflation : Demand Pull Inflation and Cost Push Inflation - Effects of Inflation- Nature of inflation in a developing economy - policy measures to curb inflation- monetary policy and inflation targeting	PPT, Cases, and Class Activity	4	3	
Total		40	30	

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TEACHING PLAN 2018-2019

Name of Teacher :	Ms. Sunita Sidhani
Subject :	Business Law
Course,Class and Semester:	Commerce / SY / III
Division :	A
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	48

Month	No of lectures Available
June	13
July	16
August	14
September	6
TOTAL	49

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Indian Contract Act – 1872 Part –I				
June	Contract – Definition of Contract and Agreement, Essentials of Valid Contract, Classification of Contracts.	Discussion Method, Chalk and Board Method, Points highlighting.	3	03	Completed
June	Offer and Acceptance – Rules of valid offer and acceptance, Counter offer, standing or open offer, distinguish between offer and invitation to offer. Concept of Communication and Revocation of offer and acceptance (sec. 3,5)	Discussion Method, Chalk and Board Method, Points highlighting.	3	03	Completed
June July	Capacity to Contract (S. 10-12) – Minor, Unsound Mind, Disqualified Persons. • Consideration (S. 2 & 25) – Concept and Importance of consideration, Legal rules of Consideration, Exceptions to the Rule, 'No Consideration No Contract' (Ss. 25) Unlawful Consideration (S 23)	Discussion Method, Chalk and Board Method, Points highlighting.	6	04	Completed
Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
	Indian Contract Act – 1872 Part –II				



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TEACHING PLAN 2018-2019

Month	Syllabus Unit -3 Alloted Lectures : 12 Special Contracts	Strategies Used	Planned	Taken	Remarks
June & July	Consent (Ss.13, 14-18, 39.53, 55, 66)- Agreements in which consent is not free - Coercion, Undue Influence, Misrepresentation Fraud, Mistake. • Void Agreements (S. 24-30) – Concept, Void Agreements under Indian Contract Act. • Contingent Contract (S. 31), Quasi Contract (S.68-72), Concept of EContract& Legal Issues in formation and discharge of E- Contract. Concept of Performance of Contract (S 37) • Modes of Discharge of Contract, Remedies on breach of Contract.(73-75)	Discussion Method, Chalk and Board Method, Points highlighting.	12	06 (June) 06 (July)	Completed
July & August	• Law of Indemnity & Guarantee (Ss. 124-125, Ss. 126-129, 132-147) – Concept, Essentials elements of Indemnity and Guarantee, Contract of Indemnity vs. Guarantee, Modes of Discharge of Surety. • Law of Bailment (S. 148, 152-154, 162, 172, 178, 178A, 179) – Concept, Essentials of Bailment, Kinds of Bailment, Rights and Duties of Bailor and Bailee • Law of Pledge – Concept, Essentials of valid Pledge, Lien - concept, Difference between Pledge and Lien, Rights of Pawnor & Pawnee.(Ss.173, 174, 177) • Law of Agency (Ss. 182-185, 201- 209) – Concept, Modes of creation of Agency, Modes of termination of Agency, Rights& Duties of Principal and Agent	Powerpoint Presentation	12	04 (July) 06 (Aug)	Completed





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TEACHING PLAN 2018-2019

Month	Syllabus Unit -4 Alloted Lectures:12 The Sale Of Goods Act - 1930	Strategies Used	Planned	Taken	Remarks
SIA August	<ul style="list-style-type: none"> Contract of Sale (S.2) – Concept, Essentials elements of contract of sale, Distinction between Sale and Agreement to sell (S.4) Distinguish between Sale and Hire Purchase Agreement, Types of Goods. Effects of destruction of Goods (Ss. 6,7,8), • Conditions & Warranties (Ss. 11-25 & 62, 63) – Concept, Distinguish between Conditions and Warranties, Implied Conditions & Warranties, Concept of Doctrine of Caveat Emptor –Exceptions. • Property – Concept , Rules of transfer of property (Ss. 18-26) • Unpaid Seller (Ss. 45-54, 55 & 56)- Concept, Rights of an unpaid seller, Remedies for Breach of contract of Sale (Ss. 55-61), Auction sale – Concept, Legal Provisions. (S. 64) 	Powerpoint Presentation	12	08	Completed
Month	Syllabus Unit -5 Allotted Lectures : 12 The Negotiable Instruments (Ammended) Act 2015	Strategies Used	Planned	Taken	Remarks





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TEACHING PLAN 2018-2019

September	<ul style="list-style-type: none"> Negotiable Instruments – Concept (S13), Characteristics, Classification of Negotiable Instruments (Ss. 11, 12, 17-20, 42, 43, 104,134,135) Maturity of Instruments. Promissory Note and Bill of Exchange (Ss. 4,5, 108-116)- Concept, Essentials of Promissory Note, Bill of Exchange (Ss. 4,5), Essential features of promissory note and Bill of exchange, Kinds Promissory note and Bill of exchange, Cheque (S.6)– Concept, Types & Crossing of Cheque, Distinguish between Bill of Exchange & Cheque, Dishonour of Cheque – Concept & Penalties (Ss. 138, 139,142). Miscellaneous Provisions (S. 8-10, 22, 99-102, 118-122, 134-137) –Parties to Negotiable instruments Holder, Holder in due course, Rights & Privileges of Holder in due course, Payment in due course, Noting & Protest (99-104A) 	Powerpoint Presentation	12	08	Completed
Total			60	48	

Signature of Subject Teacher

S. Sunita

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TEACHING PLAN : AFM - III 2019 - 2020

Name of Teacher :	Kavitha Nadar
Subject :	Accounting and Financial Management - III
Course, Class and Semester:	BCOM / SY / III
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	36

Month	No of lectures Available
June	12
July	16
August	16
September	3
TOTAL	47

Month	Syllabus Unit - II Allotted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Piecemeal Distribution of Cash				
June	Piecemeal Distribution of Cash	Discussion Method, Chalk and tak, Practical problems, Test	12	12	

Month	Syllabus Unit - IV Allotted Lectures :20	Strategies Used	Planned	Taken	Remarks
	Conversion of Partnership Firm to Limited Company				
July	Conversion of Partnership Firm to Limited Company	Discussion Method, Chalk and tak, Practical problems, Test	10	10	

Month	Syllabus Unit -III Alloted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Amalgamation of a Partnership Firm				
July	Amalgamation of a partnership Firm	PPT, Discussion Method, Chalk and tak, Points to remember, Test	6	6	



Month	Syllabus Unit -3 Alloted Lectures:20	Strategies Used	Planned	Taken	Remarks
	Amalgamation of a Partnership Firm				
August	Amalgamation of a Partnership Firm	PPT, Discussion Method, Chalk and tak, Practical problems, Test	10	10	

Month	Syllabus Unit -1 Alloted Lectures:20	Strategies Used	Planned	Taken	Remarks
	Amalgamation of a Partnership Firm				
August	Partnership Final Accounts	PPT, Discussion Method, Chalk and tak, Practical problems, Test	6	6	

Month	Syllabus Unit -1 Alloted Lectures:20	Strategies Used	Planned	Taken	Remarks
	Amalgamation of a Partnership Firm				
September	Partnership Final Accounts	PPT, Discussion Method, Chalk and tak, Practical problems, Test	3	3	

TOTAL:

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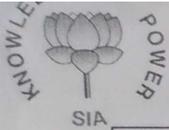
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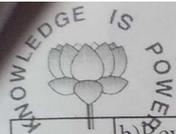


Name of Teacher :	Hasitkumar Nagariya
Subject :	Management Accounting
Course, Class and Semester:	BCOM / SY / III
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	35

Month	No of lectures Available
June	9
July	14
August	12
September	10
TOTAL	45

Month	Syllabus Unit -1 Allotted Lectures :05	Strategies Used	Planned	Taken	Remarks	
	Introduction to Management Accounting					
June	Meaning, Nature	Lecture	2	2		
	Scope and Functions of Management Accounting	PPT Presentation	2	1		
	Role of Management Accounting in Decision Making					
	Management and Financial Accounting					
July	Syllabus Unit -2 Allotted Lectures :10					
	Analysis and Interpretation of Accounts					
	a) Vertical Forms of Balance Sheet and Profit and Loss Account suitable for analysis	Chalk Board	3	1		
	b) Trend Analysis				2	1
	c) Comparative Statement				2	2
d) Common Size Statement	2				2	
August	Syllabus Unit - 3 Allotted Lectures : 10					
	Ratio Analysis and Interpretation based on Vertical Financial Statement					
	a) Balance Sheet Ratios-Current Ratio, Liquid Ratio, Stock Working Capital Ratio, Proprietary Ratio, Debt Equity Ratio, Capital Gearing Ratio	Chalk Board	5	2		





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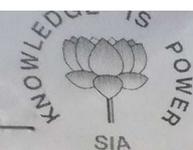
SIA	b) Revenue Statement Ratios-Gross Profit Ratio, Expenses Ratio, Operating Ratio, Net Profit Ratio, Net operating Profit Ratio, Stock Turnover Ratio	Chalk Board	5	3	
	Term Borrowings), Return on Proprietor's Fund, Return on Equity Capital, Dividend Pay out Ratio, Debt Service Ratio, Debtors Turnover, Creditors Turnover Ratio	Chalk Board	6	7	
Septemb	Syllabus Unit -4 Allotted Lectures :10				
	Working Capital Mangement				
	Concept, Nature of Working Capital, Planning of Working Capital, Estimation/Projection of Capital Requirements in case of Trading and Manufacturing Organization, Operating Cycle	Chalk Board, PPT Presentation	6	7	
	Syllabus Unit -5 Allotted Lectures :10				
	Capital Budgeting				
	Introduction, The Classification of Capital Budgeting Projects,	Lecture	4	4	
	Capital Budgeting Process	Role Play	3	2	
	Capital Budgeting Techniques-Payback Period, Accounting Rate of Return, Net Present Value, The Profitability Index, Discounted Payback (Excluding Calculation of Cash Flow)	Chalk Board	3	1	
		TOTAL:	45	35	

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TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce III
Course,Class and Semester:	Commerce / SY / III
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	9
July	10
August	11
September	5
TOTAL	35

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Introduction To Management				
June	Management- Concept, Nature, Functions, Managerial Skills & Competencies Evolution of Management Thoughts Classical Approach: Scientific Management – F.W.Taylor’s Contribution Classical Organisation Theory: Henri Fayol’s Principles Neo Classical: Human Relations Approach – Elton Mayo’s Hawthorne experiments	Chalk and Talk, Power Point Presentation.	6	05	
June	Modern Management Approach- Peter Drucker’s Dimensions of Management, Indian Management Thoughts: Origin & Significance of Indian Ethos to Management.	Chalk and Talk, Power Point Presentation.	3	04	



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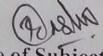
Month	Syllabus Unit -2 Alloted Lectures :10 Planning and Decision Making	Strategies Used	Planned	Taken	Remarks
July	Planning - Steps, Importance, Components, Coordination – Importance M.B.O -Process, Advantages, Management By Exception- Advantages; Management Information System- Concept, Components • Decision Making - Techniques, Essentials of a Sound Decision Making Impact of Technology on Decision Making.	Chalk and Talk, Power Point Presentation.	8	09	
Month	Syllabus Unit -3 Alloted Lectures : 11 Organising	Strategies Used	Planned	Taken	Remarks
July and August	Organising-Steps, Organisation Structures – Features of Line & Staff Organisation, Matrix Organisation , Virtual Organisation, Formal v/s Informal Organisation. Departmentation -Meaning -Bases, Span of Management- Factors Influencing Span of Management, Tall and Flat Organisation. Delegation of Authority- Process, Barriers to Delegation, Principles of Effective Delegation, Decentralisation: Factors Influencing Decentralisation, Centralization v/s Decentralisation	Chalk and Talk, Power Point Presentation, Video Screening	8	08	

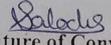
Month	Syllabus Unit -4 Alloted Lectures:12 Directing and Controlling	Strategies Used	Planned	Taken	Remarks
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SIA August and September	Motivation – Concept, Importance, Influencing factors. Importance of Communication, Barriers to effective Communication Leadership- Concept, Functions, Styles, Qualities of a good leader. Controlling – Concept, Steps, Essentials of good control system, Techniques of Controlling -PERT, CPM, Budgetary Control, Management Audit.	Chalk and Talk, Power Point Presentation, Video Screening	8	07	
September	Revision		2	03	
TOTAL:			35	35	


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Name of Teacher :	Hema Iyengar
Subject :	Business Economics III
Course, Class and Semester:	Commerce / SY / III
Division :	B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	11
July	11
August	10
September	8
TOTAL	40

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Overview of Macroeconomics				
June	Macroeconomics: Meaning, Scope and Importance.	PPT and Class Activity	2	2	
	Circular flow of aggregate income and expenditure and its Importance- closed and open economy models	PPT and Class Exercise	2	2	
	The Measurement of National Product: Meaning and Importance of National Income Accounting- conventional and Green GNP and NNP concepts -National Income and Economic Welfare.	PPT and Class Exercise	2	2	
	Trade Cycles: Features and Phases	PPT	2	1	
	Classical Macro economics : Say's law of Markets - Features, Implications and Criticism	PPT and Class Activity	2	1	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Basic Concepts of Keynesian Economics				
June	The Principle of Effective Demand: Aggregate Demand and Aggregate Supply	PPT	2	2	
	Consumption Function: Properties, Assumptions and Implications	PPT	2	2	



July	Investment function and Marginal Efficiency of capital	PPT and Class Exercise	2	2	
	Investment Multiplier effect on Income and Output: Assumptions, Working, Leakages, Criticism and Importance - paradox of thrift	PPT and Class Activity	3	3	
	Relevance of Keynesian theory tools to the developing countries	PPT and Class Activity	1	1	
Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Post-Keynesian Developments in Macroeconomics				
August	The IS-LM model of integration of commodity and money markets	PPT	2	2	
	Inflation and unemployment : Philips curve	PPT and Class Exercise	2	2	
	Stagflation : meaning, causes, and consequences	PPT and Class Exercise	2	2	
	Supply side economics : Basic propositions and critical appraisal	PPT and Class Activity	2	1	
Month	Syllabus Unit -4 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Money, Prices and Inflation				
September	Money Supply: Determinants of Money Supply - Factors influencing Velocity of Circulation of Money	PPT	3	2	
	Demand for Money : Classical and Keynesian approaches and Keynes' liquidity preference theory of interest - Friedman's restatement of Demand for money	PPT and Case Study	2	2	
	Money and prices : Quantity theory of money - Fisher's equation of exchange - Cambridge cash balance approach	PPT and Blackboard	3	2	



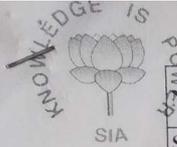
Inflation : Demand Pull Inflation and Cost Push Inflation - Effects of Inflation- Nature of inflation in a developing economy - policy measures to curb inflation- monetary policy and inflation targeting	PPT, Cases, and Class Activity	4	3	
Total		40	34	

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Name of Teacher :	Ms. Sunita Sidhani
Subject :	Business Law
Course,Class and Semester:	Commerce / SY / III
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	49

19-20

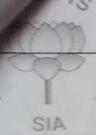
Month	No of lectures Available
June	13
July	16
August	14
September	6
TOTAL	49

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Indian Contract Act – 1872 Part –I				
June	Contract – Definition of Contract and Agreement, Essentials of Valid Contract, Classification of Contracts.	Discussion Method, Chalk and Board Method, Points highlighting.	3	03	Taken
June	Offer and Acceptance – Rules of valid offer and acceptance, Counter offer, standing or open offer, distinguish between offer and invitation to offer. Concept of Communication and Revocation of offer and acceptance (sec. 3,5)	Discussion Method, Chalk and Board Method, Points highlighting.	3	03	Taken
June	Capacity to Contract (S. 10-12) – Minor, Unsound Mind, Disqualified Persons. • Consideration (S. 2 & 25) – Concept and Importance of consideration, Legal rules of Consideration, Exceptions to the Rule, 'No Consideration No Contract'(Ss. 25) Unlawful Consideration (S 23)	Discussion Method, Chalk and Board Method, Points highlighting.	6	05	Taken

Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
	Indian Contract Act – 1872 Part –II				



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 July	Consent (Ss.13, 14-18, 39.53, 55, 66)- Agreements in which consent is not free - Coercion, Undue Influence, Misrepresentation Fraud, Mistake. • Void Agreements (S. 24-30) – Concept, Void Agreements under Indian Contract Act. • Contingent Contract (S. 31), Quasi Contract (S.68-72), Concept of EContract& Legal Issues in formation and discharge of E- Contract. Concept of Performance of Contract (S 37) • Modes of Discharge of Contract, Remedies on breach of Contract.(73-75)	Discussion Method, Chalk and Board Method, Points highlighting.	12	12	Taken
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Month	Syllabus Unit -3 Alloted Lectures : 12 Spécial Contracts	Strategies Used	Planned	Taken	Remarks
July/ August	• Law of Indemnity & Guarantee (Ss. 124-125, Ss. 126-129, 132-147) – Concept, Essentials elements of Indemnity and Guarantee, Contract of Indemnity vs. Guarantee, Modes of Discharge of Surety. • Law of Bailment (S. 148, 152-154, 162, 172, 178, 178A, 179) – Concept, Essentials of Bailment, Kinds of Bailment, Rights and Duties of Bailor and Bailee • Law of Pledge – Concept, Essentials of valid Pledge, Lien - concept, Difference between Pledge and Lien, Rights of Pawnor & Pawnee.(Ss.173, 174, 177) • Law of Agency (Ss. 182-185, 201- 209) – Concept, Modes of creation of Agency, Modes of termination of Agency, Rights& Duties of Principal and Agent	Powerpoint Presentation	12	10	Taken

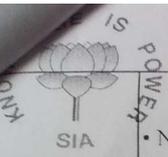


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Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
August	<p>The Sale Of Goods Act - 1930</p> <ul style="list-style-type: none"> Contract of Sale (S.2) – Concept, Essentials elements of contract of sale, Distinction between Sale and Agreement to sell (S.4) Distinguish between Sale and Hire Purchase Agreement, Types of Goods. Effects of destruction of Goods (Ss. 6,7,8). Conditions & Warranties (Ss. 11-25 & 62, 63) – Concept, Distinguish between Conditions and Warranties, Implied Conditions & Warranties, Concept of Doctrine of Caveat Emptor –Exceptions. Property – Concept , Rules of transfer of property (Ss. 18-26) Unpaid Seller. (Ss. 45-54, 55 & 56)- Concept, Rights of an unpaid seller, Remedies for Breach of contract of Sale (Ss. 55-61), Auction sale – Concept, Legal Provisions. (S. 64) 	Powerpoint Presentation	12	08	Taken
Month	Syllabus Unit -5 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	The Negotiable Instruments (Ammended) Act 2015				



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SIA
September

• Negotiable Instruments – Concept (S13), Characteristics, Classification of Negotiable Instruments (Ss. 11, 12, 17-20, 42, 43, 104, 134, 135) Maturity of Instruments. • Promissory Note and Bill of Exchange (Ss. 4, 5, 108-116)- Concept, Essentials of Promissory Note, Bill of Exchange (Ss. 4, 5), Essential features of promissory note and Bill of exchange, Kinds Promissory note and Bill of exchange, Cheque (S.6)– Concept, Types & Crossing of Cheque, Distinguish between Bill of Exchange & Cheque, Dishonour of Cheque – Concept & Penalties (Ss. 138, 139, 142) • Miscellaneous Provisions (S. 8-10, 22, 99-102, 118-122, 134-137) –Parties to Negotiable instruments Holder, Holder in due course, Rights & Privileges of Holder in due course, Payment in due course, Noting & Protest (99-104A)

Powerpoint Presentation

12

08

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Total 60 49

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Name of Teacher :	Shweta
Subject :	Foundation Course III
Course,Class and Semester:	SYBCOM/ Sem III
Division :	A and B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
December	12
January	11
February	11
March	11
TOTAL	45

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Human Rights				
June	Constitutional and Legal Rights, of Scheduled Castes Tribes Women Children Senior citizens and physically challenged	Traditional	12	12	



Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Disaster				
July	Concept, Effects and Types of Disaster, Disaster Prevention Mitigation and Preparedness	Traditional	11	10	

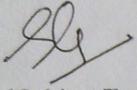
Month	Syllabus Unit -2 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Science and Technology				
August	Development of Science, Nature of Science, Science and Superstition, Science in everyday life	Traditional	10	10	

Month	Syllabus Unit -3 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Communication				
September	Soft Skills, Purpose and Types of Listening, Types of Communication, Styles of Leadership	Traditional, Student Interactions	11	5	

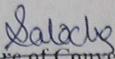


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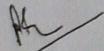
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Name of Teacher :	Shilpa Nimbre
Subject :	Computer Programming-I
Course,Class and Semester:	BCOM / SY / III
Division :	
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	

Month	No of lectures Available
June	12
July	18
August	26
September	15
TOTAL	71

Month	Syllabus Unit -1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Hardware				
June	Evolution of Computers – Generations, Types of Computers, Computer System, Characteristics, Basic Components of a Digital Computer – Control Unit, ALU, Input / Output, Functions and Memory, Memory Addressing Capability of a CPU, Binary number system, Binary addition (1's complement, 2's Complement), Binary to decimal and Decimal to Binary Conversion, Octal Number, Hexadecimal System, World length of a computer, processing speed of a computer.	discussion, focus on live examples, projector	15	10	completed





Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
July	<p>Software</p> <p>Software and its Need, Types of Software – System Software, Application software, System Software – Operating System, Utility Program, Algorithms, Flow Charts – Symbols, Rules for making Flow chart, Programming languages, Assemblers, Compilers and Interpreter, Computer Applications in Business.</p>	discussion of cuurent concept, live examples, group discussion, projector	18	15	completed
Month	Syllabus Unit -3,4 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
August	<p>INTRODUCTION TO C PROGRAMMING</p> <p>Structure of C program, Keywords, identifies, constants, variables, data types, type modifier, type conversion, types of operator and expressions, Input and Output functions in C (print(), scanf(), getchar(), putchar(), gets(), puts()). Storage class specifiers Header files(stdio.h, math.j, conop.j) Decision Statement – if-else statement, break, continue, goto, switch() case and nested if statement.</p>	discussion of cuurent concept, live examples, group discussion, projector	20	18	completed





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Month	Syllabus Unit -4 Alloted Lectures:19	Strategies Used	Planned	Taken	Remarks
	C – DECISION / LOOP STATEMENTS				
March	Loop control statements – for(), while(), do-while loop() and nested loops.	discussion of current concept, live examples, commercial videos, class test, hands on practicals	18	18	completed

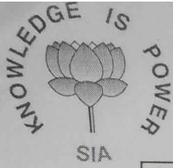
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19-20

Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM IV
Course,Class and Semester:	BCom / SY / IV
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November & December	8
January	20
February	16
TOTAL	44

Month	Syllabus Unit -4 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Ascertainment and Treatment of Profit Prior to Incorporation				
November /December	Principles of ascertainment, Preparation of separate combined, columnar Profit and Loss Account including different basiss of allocation, Problems Solving	Powerpoint Presentation for Principles of ascertainment, Problem solving	8	8	





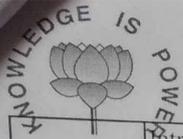
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January	Problem Solving on ascertainment of Profit Prior to Incorporation	Problem Solving, Assignment, Class Test	6	04	
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Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Redemption of Preference Shares				
January	Provision of the Companies Act for redemption of Preference Shares (Sec 55 of the Companies Act, 2013), Companies (Share and Debentures) Rules. Methods of Redemption of fully paid up Preference Shares as per Companies Act, 2013: The proceed of a fresh issue of shares, the capitalisation of undistributed profits and a combination of both, calculation of minimum fresh issue to provide the fund for redemption	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	14	12	

Month	Syllabus Unit -3 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Redemption of Debentures				



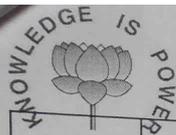


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<p>SIA</p> <p>February</p>	<p>Introduction : Provisions of Section 71 (1) and (4) of the Companies Act, 2013, Creation and investment of DRR including The Companies (Share Capital and Debentures) Rules, 2014, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures Methods of redemption of debentures: By payment in lumpsum and by payment in instalments (excluding from by purchase in open market), Conversion</p>	<p>Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test</p>	<p>10</p>	<p>08</p>	
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Month	Syllabus Unit -1 Alloted Lectures:15 Introduction to Company Accounts	Strategies Used	Planned	Taken	Remarks
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<p>SIA</p> <p>February</p>	<p>Introduction of basic terms: Types of companies, nature and formation of companies, Shares, Debentures, Share Capital, Reserves and surplus, types of assets and liabilities, dividend, format of Balance Sheet (Only theory) Issue of shares: Different modes IPO, Private Placements, Preferential, Rights, ESO, SWEAT and ESCROW account, Issue of shares at par, premium and discount, Under subscription and Over subscription of shares, forfeiture and reissue of forfeited shares, issue of shares for consideration other than cash. (Only theory) Issue of Debentures: types of Debentures, Issue of debentures at par, premium and discount, Issue of Debentures with consideration of Redemption, Issue of debentures for cash receivable in instalments or at a time Issue of debentures for consideration other than cash. (Only theory)</p>	<p>Powerpoint Presentation, Class Test</p>	<p>6</p>	<p>04</p>	
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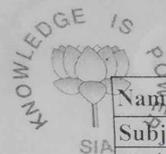
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TEACHING PLAN 2018-2019 19-20

Name of Teacher :	Hasitkumar Nagariya
Subject :	Auditing
Course, Class and Semester:	BCOM / SY / IV
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	lectures
November	7
December	9
January	17
February	12
TOTAL	45

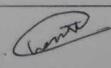
Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Plan ned	Taken	Remarks
November	Basics: Financial Statements, Users of Financial Information, Definition of Auditing, Objectives of Auditing-Primary and Secondary, Expression of Opinion, Detection of Frauds and Errors	PPT Presentation Lecture	3	3	
	Errors and Frauds: Definition, Reasons and Circumstances, Types of Errors-Commission, Omission, Principle and compensating	Role Play and Lecture Article Review	4	4	
December	Types of Frauds, Risk of fraud and error in Audit, Inherent limitations of Audit, Auditors Duties and Responsibilities in respect of Fraud	Article Review	3		
	Principles of Audit: Documentation, Planning, Audit Evidence, Accounting System and Internal Control, Audit Conclusions and Reporting	Chalk Board	3		
	Auditing Concepts: Materiality, Going Concern, True and Fair, Independence	Chalk Board	3		
	Syllabus Unit -2 Allotted Lectures : 10				
	Audit Planning and Procedures and Documentation				
January	Audit Planning: Meaning, Objectives, Factors to be considered, Sources of obtaining information, Discussions with client, Overall Audit Plan	Article Review Chalk Board	2		
	Audit Programme: Meaning, Factors, Advantages, Disadvantages, Overcoming Disadvantages, Methods of Work, Instruction before commencing work, Overall Audit Approach	PPT Presentation	2		

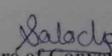


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TEACHING PLAN 2018-2019

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	Audit Working Papers: Meaning, Importance, Factors determining Form and Contents, Main functions, Features, Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of other parties to Audit Working Papers, Auditors Lien on Working Papers, Auditors Lien on Client's Books	Lecture			
	Syllabus Unit -3 Allotted Lectures : 15				
	Auditing Techniques				
	Test Check: Test Checking v/s. Routine Checking, Test Check Meaning, Features, Factors to be considered, When Test Checks can be used, Advantages, Disadvantages, Precautions	Role Play and Lecture			
	Audit Sampling: Audit Sampling, Meaning, Purpose, factors in determining sample size- Sampling Risk, Tolerable Error and Expected Error, methods of selecting sample items		2		
	Evaluation of Sample Results auditors Liability in conducting audit based on sample	Case Study and PPT Lecture		3	
	Internal Control: Meaning and Purpose, Review of Internal Control, advantages, auditors duties, review of internal control, Inherent	Lecture		3	
February	Syllabus Unit -4 Allotted Lectures : 10				
	Vouching and Verification				
	Audit of Income: Revenue from Sales and Services, Rental Income, Interest and Dividends, Income, Royalties Income	PPT Presentation		3	
	Audit of Expenditures: Purchases, Salaries and Wages, Rent, Insurance Premium, Telephone Expenses, Advertisement	Role Play and Lecture		3	
	Audit of Assets: Plant and Machinery, Accounts Receivable, Investments, inventory	PPT Presentation		3	
	Audit of Liabilities: Outstanding Expenses, Accounts Payable, Secured Loans, Unsecured Loans	Role Play and Lecture		3	
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TEACHING PLAN 2019-2020



Name of Teacher :	Babita Nagdev
Subject :	Commerce IV
Course, Class and Semester:	Commerce / SY / IV
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	8
December	6
January	11
February	10
<i>Total</i>	35

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Production and Inventory Management				
November	Production Management: Objectives, Scope Production Planning and Control: Steps, Importance Production Systems: Concepts, Types- Continuous and Intermittent Productivity: Concept, Factors Influencing Productivity, Measures for Improving Productivity	Chalk and Talk, Power Point Presentation.	6	05	
November	Inventory Management- Objectives, Inventory Control- Techniques Scientific Inventory Control System- Importance	Chalk and Talk, Power Point Presentation	2	02	

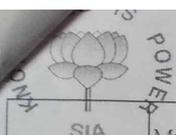


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TEACHING PLAN 2019-2020

Month	Syllabus Unit -2 Allotted Lectures :11	Strategies Used	Planned	Taken	Remarks
	Quality Management				
December and January	Introduction to Quality: Dimensions of Quality, Cost of Quality: Types- Internal Failure Cost, External Failure Cost, Appraisal Cost, Prevention Cost, Quality Circles: Features, Quality Management Tools: TQM- Importance, Six Sigma- Process, ISO 9000- Certification Procedure, Kaizen- Process, Service Quality Management: Importance, SERVQUAL Model, Measures to improve service quality	Chalk and Talk, Power Point Presentation.	9	08	
Month	Syllabus Unit -3 Alloted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Indian Financial System				
January and February	Indian Financial Market: Structure, Primary Market- IPO Procedure Dematerialisation: Process, Role of Depositories: NSDL and CDSL. SEBI: Function sof SEBI, Investors protection measures of SEBI, Stock Exchange- Functions, Speculations. Credit Rating: Advantages, Credit Rating Agencies in India- CRISIL, CARE, and ICRA.	Chalk and Talk, Power Point Presentation, Video Screening	9	07	
Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Recent Trends in Finance				



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SIA February	Mutual Funds- Advantages and Limitationd, Types, Factors responsible for growth of mutual funds- systematic Investment Plan. Commodity Market- Categories, Derivatives Market: Types, Participants, Types of Derivaties Instruments. Start-up Ventures- Concept, Sources of Funding. Micro Finance- Importance, role of Self Help Groups	Chalk and Talk, Power Point Presentation, Video Screening	9	08	
TOTAL:			35	30	

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TEACHING PLAN 2018-2019
18-20



Name of Teacher :	Hema Iyengar
Subject :	Business Economics IV
Course, Class and Semester:	Commerce / SY / IV
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	34

Month	No of lectures Available
November	9
December	8
January	10
February	7
TOTAL	34

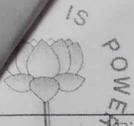
Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Role of Government in an Economy				
November	Meaning and Scope of Public Finance	Blackboard and Discussion	1	1	
	Major Fiscal Functions: Allocation, Distribution, and stabilization function	Blackboard and Discussion	1	1	
	Principle of Maximum Social Advantage: Dalton and Musgrave Views, Principle in Practice, Limitations	Blackboard and Discussion	1	1	
	Relation between Efficiency, Markets and Government	Blackboard and Discussion	1	1	
	Concept of public goods and role of government	Blackboard and Discussion	2	2	
Month	Syllabus Unit -2 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Public Revenue				
November	Sources of Public Revenue: Tax and Non-Tax Revenue	Blackboard and Discussion	2	2	



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Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
December	Objectives of Taxation - Canons of taxation- types of taxes: direct and indirect- tax base and rates of taxation: proportional, progressive and regressive	Blackboard and Discussion	3	3	
	shifting of tax burden: impact and incidence of taxation- processes- Factors influencing incidence of taxation	Blackboard and Discussion	2	2	
	Economic effects of taxation: on income and wealth, consumption, savings, investment and production	Blackboard and Discussion	1	1	
	Redistributive and anti-inflationary nature of taxation and its implications	Blackboard and Discussion	1	1	
Month	Public Expenditure and Public Debt	Strategies Used	Planned	Taken	Remarks
December	Public Expenditure: Canons, classification, economic effects of public spending- on production, consumption, distribution, employment and stabilization, theories of public expenditure: Wagner's hypothesis and Wiseman Peacock hypothesis, causes of growth in public expenditure	Blackboard and Discussion	3	3	
	Significance of public expenditure: social security contributions- low income support and social insurance programs	Blackboard and Discussion	2	2	
January	Public debt: classification - burden of debt finance: internal and external- public debt and fiscal solvency	Blackboard and Discussion	2	2	
	Month	Syllabus Unit -4 Alloted Lectures : 15	Strategies Used	Planned	Taken
	Fiscal Management and Financial Administration				





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January	Fiscal Policy: meaning, objectives, constituents, limitations	Blackboard and Discussion	3	3	
	Contra cyclical fiscal policy and discretionary fiscal policy; principles of sound and functional finance	Blackboard and Discussion	3	3	
February	Budget: meaning, objectives, types-structure of union budget, deficit concepts- fiscal responsibility and budget management act	Blackboard and Discussion	3	3	
	Intergovernmental fiscal relations: fiscal federalism and fiscal decentralization- central state financial relations-14th finance commission recommendations	Blackboard and Discussion	3	3	
Total			34	34	

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TEACHING PLAN 2018-2019

Name of Teacher :	Ms. Sunita Sidhani
Subject :	Business Law
Course,Class and Semester:	Commerce / SY / IV
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

19-20

Month	No of lectures Available
November	8
December	8
January	16
February	16
TOTAL	48

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Indian Companies Act-2013 Part-I				
November	Company –Concept, Features, Role of Promoters (S. 2(69) S. 92), Duties and liabilities of the Promoter	Discussion Method, Chalk and Board Method, Points highlighting.	3	3	
November	Effects of Pre-Incorporation contracts, Consequences of non-registration, and Lifting of Corporate Veil. • Classification of Companies	Discussion Method, Chalk and Board Method, Points highlighting.	3	3	





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November	Distinction between Private Company and Public Company, Advantages and disadvantages of Private company and Public Company. –Common Procedure for Incorporation of Company, • Memorandum of Association (MOA) & Article of Association(AOA) – Concept , Clauses of MOA, AOA- Contents, Doctrine of constructive notice, Doctrine of Ultra Vires, Doctrine of Indoor Management. • Prospectus – Concept, Kinds, Contents, Private Placement	Discussion Method, Chalk and Board Method, Points highlighting.	6	5	
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Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
	Indian Companies Act-2013 Part-II				
December	Member of a Company –Concept, Who can become a member, Modes of acquiring membership, Cessation of membership, Right & Liabilities of Members. • Director – Qualifications& Disqualification, Classification, Director Identification Number (DIN), Legal Position of Directors. • Meetings – Types, Legal Provisions of Statutory Meeting, Annual General Meeting, Extra-Ordinary Meeting, Board Meeting.	Discussion Method, Chalk and Board Method, Points highlighting.	12	11	

Month	Syllabus Unit -3 Alloted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Indian Partnership Act, 1932				





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January	Partnership – Concept, Essentials, True Test of Partnership, Partnership Deed, Types of Partnership, Rights and Duties of Partners, Distinguish between Partnership & Hindu Undivided Family (HUF). • Dissolution – Concept, Modes of Dissolution, Consequences of Dissolution. • Limited Liability Partnership (LLP) 2008 – Concept, Characteristics, Advantages & Disadvantages, Procedure for Incorporation. • Extent of L.L.P.- Conversion of LLP, Mutual rights & duties of partners, Winding up of LLP, Distinction between LLP and Partnership.	Powerpoint Presentation	12		
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Month	Syllabus Unit -4 Alloted Lectures:12 Consumer Protection Act & Competition Act	Strategies Used	Planned	Taken	Remarks
February	<ul style="list-style-type: none"> • Consumer Protection Act – Concept , Objects, Reasons for enacting the Consumer Protection Act, Definition of Consumer, Consumer Dispute, Complaint, Complainant, Defect, Deficiency, Consumer Dispute, Unfair Trade Practices, Goods and Services. • Consumer Protection Councils & Redressal Agencies – District, State & National. • Competition Act 2002 – Concept, Salient Features, Objectives & Advantages. • Abuse of Dominant Position, Competition Commission of India, AntiCompetition Agreements, 	Powerpoint Presentation	12		





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Month	Syllabus Unit -5 Allotted Lectures : 12 Intellectual Property Rights	Strategies Used	Planned	Taken	Remarks
February	Intellectual Property Right (IPR) – Concept, Nature, Introduction & background of IPR in India. • IPR relating to Patents – Concepts of Invention and discovery, Comparison (S2 (j)), Concept of Patents, General principles applicable to working of patented inventions, Term of Patent. Infringement of Patent Rights & Remedies. (Ss. 104-115) • IPR relating to Copyrights- Concept of Copyright (Ss. 14, 16, 54,) Concept of author and authorised acts, (S.2) Ownership of Copy right (S.17) Duration or term of Copy right. (S. 22-27), Original work and fair use, Rights of Copyright holder, Infringement of Copyrights & Remedies. (Ss. 51, 52) • IPR relating to Trademarks –Concept, Functions of Trade Mark, types, trademarks that cannot be registered, Registration of Trade Marks and rights of the proprietor of Trade Marks. Procedure for registration of Trade Marks., Infringement of Trademarks & Remedies.	Powerpoint Presentation	12	12	
Total			60		

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TEACHING PLAN 2018-2019
19-20

Name of Teacher :	Ms. Salochna Nagdev
Subject :	AFM IV
Course, Class and Semester:	BCom / SY / IV
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
December	8
January	20
February	16
TOTAL	44

Month	Syllabus Unit -4 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks	Reviewed by
	Ascertainment and Treatment of Profit <i>Prior to Incorporation</i>					
November /December	Principles of ascertainment, Preparation of separate combined, columnar Profit and Loss Account including different basis of allocation, Problems Solving	Powerpoint Presentation for Principles of ascertainment, Problem solving	8	06		





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January	Problem Solving on ascertainment of Profit Prior to Incorporation	Problem Solving, Assignment, Class Test	6	04		
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Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Redemption of Preference Shares				
January	Provision of the Companies Act for redemption of Preference Shares (Sec 55 of the Companies Act, 2013), Companies (Share and Debentures) Rules. Methods of Redemption of fully paid up Preference Shares as per Companies Act, 2013: The proceed of a fresh issue of shares, the capitalisation of undistributed profits and a combination of both, calculation of minimum fresh issue to provide the fund for redemption	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	14	12	

Month	Syllabus Unit -3 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Redemption of Debentures				



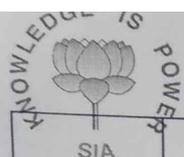


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SIA February	Introduction : Provisions of Section 71 (1) and (4) of the Companies Act, 2013, Creation and investment of DRR including The Companies (Share Capital and Debentures) Rules, 2014, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures Methods of redemption of debentures: By payment in lumpsum and by payment in instalments (excluding from by purchase in open market), Conversion.	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	10	08		
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Month	Syllabus Unit -1 Alloted Lectures:15 Introduction to Company Accounts	Strategies Used	Planned	Taken	Remarks	
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TEACHING PLAN 2018-2019

<p>February</p>	<p>Introduction of basic terms: Types of companies, nature and formation of companies, Shares, Debentures, Share Capital, Reserves and surplus, types of assets and liabilities, dividend, format of Balance Sheet (Only theory) Issue of shares: Different modes IPO, Private Placements, Preferential, Rights, ESO, SWEAT and ESCROW account, Issue of shares at par, premium and discount, Under subscription and Over subscription of shares, forfeiture and reissue of forfeited shares, issue of shares for consideration other than cash. (Only theory) Issue of Debentures: types of Debentures, Issue of debentures at par, premium and discount, Issue of Debentures with consideration of Redemption, Issue of debentures for cash receivable in instalments or at a time Issue of debentures for consideration other than cash. (Only theory)</p>	<p>Powerpoint Presentation, Class Test</p>	<p>6</p>	<p>6</p>		
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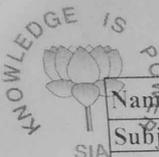
TOTAL: 44

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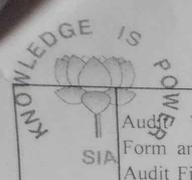
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TEACHING PLAN 2018-2019 19-20

Name of Teacher :	Hasitkumar Nagariya
Subject :	Auditing
Course, Class and Semester:	BCOM / SY / IV
Division :	B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	lectures
November	7
December	9
January	17
February	12
TOTAL	45

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Plan ned	Taken	Remarks
	Introduction to Auditing				
November	Basics: Financial Statements, Users of Financial Information, Definition of Auditing, Objectives of Auditing-Primary and Secondary, Expression of Opinion, Detection of Frauds and Errors	PPT Presentation Lecture Role Play and Lecture Article Review	3	5	
	Errors and Frauds: Definition, Reasons and Circumstances, Types of Errors-Commission, Omission, Principle and compensating	Article Review	4	6	
December	Types of Frauds, Risk of fraud and error in Audit, Inherent limitations of Audit, Auditor's Duties and Responsibilities in respect of Fraud	Chalk Board	3	3	
	Principles of Audit: Documentation, Planning, Audit Evidence, Accounting System and Internal Control, Audit Conclusions and Reporting	Chalk Board	3	5	
	Auditing Concepts: Materiality, Going Concern, True and Fair, Independence	Chalk Board	3	4	
	Syllabus Unit -2 Allotted Lectures : 10				
	Audit Planning and Procedures and Documentation				
January	Audit Planning: Meaning, Objectives, Factors to be considered, Sources of obtaining information, Discussions with client, Overall Audit Plan	Article Review Chalk Board	2	3	
	Audit Programme: Meaning, Factors, Advantages, Disadvantages, Overcoming Disadvantages, Methods of Work, Instruction before commencing work, Overall Audit Approach	PPT Presentation	2	2	





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TEACHING PLAN 2018-2019 *19-20*

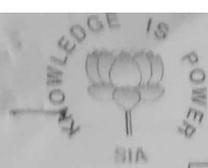
	Audit Working Papers: Meaning, Importance, Factors determining Form and Contents, Main functions, Features, Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of other parties to Audit Working Papers, Auditors Lien on Working Papers, Auditors Lien on Client's Books	Lecture	3	3	
	Syllabus Unit -3 Allotted Lectures : 15				
	Auditing Techniques				
	Test Check: Test Checking v/s. Routine Checking, Test Check Meaning, Features, Factors to be considered, When Test Checks can be used, Advantages, Disadvantages, Precautions	Role Play and Lecture	2	3	
	Audit Sampling: Audit Sampling, Meaning, Purpose, factors in determining sample size- Sampling Risk, Tolerable Error and Expected Error, methods of selecting sample items	Case Study and PPT	3	3	
	Evaluation of Sample Results auditors Liability in conducting audit based on sample	Lecture	3	4	
February	Internal Control: Meaning and Purpose, Review of Internal Control, advantages, auditors duties, review of internal control, Inherent	Lecture	3	3	
	Syllabus Unit -4 Allotted Lectures : 10				
	Vouching and Verification				
	Audit of Income: Revenue from Sales and Services, Rental Income, Interest and Dividends, Income, Royalties Income	PPT Presentation	3	2	
	Audit of Expenditures: Purchases, Salaries and Wages, Rent, Insurance Premium, Telephone Expenses, Advertisement	Role Play and Lecture	3	3	
	Audit of Assets: Plant and Machinery, Accounts Receivable, Investments, inventory	PPT Presentation	3	2	
	Audit of Liabilities: Outstanding Expenses, Accounts Payable, Secured Loans, Unsecured Loans	Role Play and Lecture	3	3	
			45		

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DO, BIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce IV
Course, Class and Semester:	Commerce / SY / IV
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	8
December	6
January	11
February	10
<i>Total</i>	35

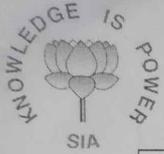
Month	Syllabus Unit -I Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Production and Inventory Management				
November	Production Management: Objectives, Scope Production Planning and Control: Steps, Importance Production Systems: Concepts, Types- Continuous and Intermittent Productivity: Concept, Factors Influencing Productivity, Measures for Improving Productivity	Chalk and Talk, Power Point Presentation.	6	05	
November	Inventory Management- Objectives, Inventory Control- Techniques Scientific Inventory Control System- Importance	Chalk and Talk, Power Point Presentation.	2	02	



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TEACHING PLAN 2019-2020

Month	Syllabus Unit -2 Allotted Lectures :11 Quality Management	Strategies Used	Planned	Taken	Remarks
December and January	Introduction to Quality: Dimensions of Quality, Cost of Quality: Types- Internal Failure Cost, External Failure Cost, Appraisal Cost, Prevention Cost, Quality Circles: Features, Quality Management Tools: TQM- Importance, Six Sigma- Process, ISO 9000- Certification Procedure, Kaizen- Process, Service Quality Management: Importance, SERVQUAL Model, Measures to improve service quality	Chalk and Talk, Power Point Presentation.	9	09	
Month	Syllabus Unit -3 Alloted Lectures : 11 Indian Financial System	Strategies Used	Planned	Taken	Remarks
January and February	Indian Financial Market: Structure, Primary Market- IPO Procedure Dematerialisation: Process, Role of Depositories: NSDL and CDSL. SEBI: Function sof SEBI, Investors protection measures of SEBI, Stock Exchange- Functions, Speculations. Credit Rating: Advantages, Credit Rating Agencies in India- CRISIL, CARE, and ICRA.	Chalk and Talk, Power Point Presentation, Video Screening	9	08	
Month	Syllabus Unit -4 Alloted Lectures:12 Recent Trends in Finance	Strategies Used	Planned	Taken	Remarks





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI (EAST)

TEACHING PLAN 2018-2019

19-20

Name of Teacher :	Hema Iyengar
Subject :	Business Economics IV
Course, Class and Semester:	Commerce / SY / IV
Division :	B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	34

Month	No of lectures Available
November	9
December	8
January	10
February	7
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Role of Government in an Economy				
November	Meaning and Scope of Public Finance	Blackboard and Discussion	1	1	
	Major Fiscal Functions: Allocation, Distribution, and stabilization function	Blackboard and Discussion	1	1	
	Principle of Maximum Social Advantage: Dalton and Musgrave Views, Principle in Practice, Limitations	Blackboard and Discussion	1	1	
	Relation between Efficiency, Markets and Government	Blackboard and Discussion	1	1	
	Concept of public goods and role of government	Blackboard and Discussion	2	2	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Public Revenue				
November	Sources of Public Revenue: Tax and Non-Tax Revenue	Blackboard and Discussion	2	2	

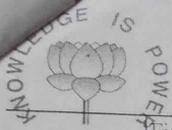




TEACHING PLAN 2018-2019

December	Objectives of Taxation - Canons of taxation- types of taxes: direct and indirect- tax base and rates of taxation: proportional, progressive and regressive	Blackboard and Discussion	3	3	
	shifting of tax burden: impact and incidence of taxation- processes- Factors influencing incidence of taxation	Blackboard and Discussion	2	2	
	Economic effects of taxation: on income and wealth, consumption, savings, investment and production	Blackboard and Discussion	1	1	
	Redistributive and anti-inflationary nature of taxation and its implications	Blackboard and Discussion	1	1	
Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Public Expenditure and Public Debt				
December	Public Expenditure: Canons, classification, economic effects of public spending- on production, consumption, distribution, employment and stabilization, theories of public expenditure: Wagner's hypothesis and Wiseman Peacock hypothesis. causes of growth in public expenditure	Blackboard and Discussion	3	3	
January	Significance of public expenditure: social security contributions- low income support and social insurance programs	Blackboard and Discussion	2	2	
	Public debt: classification - burden of debt finance: internal and external- public debt and fiscal solvency	Blackboard and Discussion	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Fiscal Management and Financial Administration				





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TEACHING PLAN 2018-2019

January

Fiscal Policy: meaning, objectives, constituents, limitations	Blackboard and Discussion	3	3	
Contra cyclical fiscal policy and discretionary fiscal policy: principles of sound and functional finance	Blackboard and Discussion	3	3	
Budget: meaning, objectives, types-structure of union budget, deficit concepts- fiscal responsibility and budget management act	Blackboard and Discussion	3	3	
Intergovernmental fiscal relations: fiscal federalism and fiscal decentralization- central state financial relations-14th finance commission recommendations	Blackboard and Discussion	3	3	
Total		34	34	

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TEACHING PLAN 2018-2019 19-20

Name of Teacher :	Ms. Sunita Sidhani
Subject :	Business Law
Course,Class and Semester:	Commerce / SY / IV
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November	8
December	8
January	16
February	16
TOTAL	48

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Indian Companies Act-2013 Part-I				
November	Company –Concept, Features, Role of Promoters (S. 2(69) S. 92), Duties and liabilities of the Promoter	Discussion Method, Chalk and Board Method, Points highlighting.	3	3	
November	Effects of Pre-Incorporation contracts, Consequences of non-registration, and Lifting of Corporate Veil. • Classification of Companies	Discussion Method, Chalk and Board Method, Points highlighting.	3	3	



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TEACHING PLAN 2018-2019|9-20



November	Distinction between Private Company and Public Company, Advantages and disadvantages of Private company and Public Company. –Common Procedure for Incorporation of Company, • Memorandum of Association (MOA) & Article of Association(AOA) – Concept , Clauses of MOA, AOA- Contents, Doctrine of constructive notice, Doctrine of Ultra Vires, Doctrine of Indoor Management. • Prospectus – Concept, Kinds, Contents, Private Placement	Discussion Method, Chalk and Board Method, Points highlighting.	6	5	
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Month	Syllabus Unit -2 Allotted Lectures :12 Indian Companies Act-2013 Part-II	Strategies Used	Planned	Taken	Remarks
December	Member of a Company –Concept, Who can become a member, Modes of acquiring membership, Cessation of membership, Right & Liabilities of Members. • Director – Qualifications& Disqualification, Classification, Director Identification Number (DIN), Legal Position of Directors. • Meetings – Types, Legal Provisions of Statutory Meeting, Annual General Meeting, Extra-Ordinary Meeting, Board Meeting.	Discussion Method, Chalk and Board Method, Points highlighting.	12	11	

Month	Syllabus Unit -3 Allotted Lectures : 12 Indian Partnership Act, 1932	Strategies Used	Planned	Taken	Remarks
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TEACHING PLAN 2018-2019 19-20



January	<p>Partnership – Concept, Essentials, True Test of Partnership, Partnership Deed, Types of Partnership, Rights and Duties of Partners, Distinguish between Partnership & Hindu Undivided Family (HUF). • Dissolution – Concept, Modes of Dissolution, Consequences of Dissolution. • Limited Liability Partnership (LLP) 2008 – Concept, Characteristics, Advantages & Disadvantages, Procedure for Incorporation. • Extent of L.L.P.- Conversion of LLP, Mutual rights & duties of partners, Winding up of LLP, Distinction between LLP and Partnership.</p>	Powerpoint Presentation	12	13	
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Month	Syllabus Unit -4 Alloted Lectures:12 Consumer Protection Act & Competition Act	Strategies Used	Planned	Taken	Remarks
February	<p>• Consumer Protection Act – Concept , Objects, Reasons for enacting the Consumer Protection Act, Definition of Consumer, Consumer Dispute, Complaint, Complainant, Defect, Deficiency, Consumer Dispute, Unfair Trade Practices, Goods and Services. • Consumer Protection Councils & Redressal Agencies – District, State & National. • Competition Act 2002 – Concept, Salient Features, Objectives & Advantages. • Abuse of Dominant Position, Competition Commission of India, AntiCompetition Agreements,</p>	Powerpoint Presentation	12	12	



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TEACHING PLAN 2018-2019 19-20

Month	Syllabus Unit -5 Allotted Lectures : 12 Intellectual Property Rights	Strategies Used	Planned	Taken	Remarks
February	Intellectual Property Right (IPR) – Concept, Nature, Introduction & background of IPR in India. • IPR relating to Patents – Concepts of Invention and discovery, Comparison (S2 (j)), Concept of Patents, General principles applicable to working of patented inventions, Term of Patent. Infringement of Patent Rights & Remedies. (Ss. 104-115) • IPR relating to Copyrights- Concept of Copyright (Ss. 14, 16, 54,) Concept of author and authorised acts, (S.2) Ownership of Copy right (S.17) Duration or term of Copy right. (S. 22-27), Original work and fair use, Rights of Copyright holder, Infringement of Copyrights & Remedies. (Ss. 51, 52) • IPR relating to Trademarks –Concept, Functions of Trade Mark, types, trademarks that cannot be registered, Registration of Trade Marks and rights of the proprietor of Trade Marks. Procedure for registration of Trade Marks,, Infringement of Trademarks & Remedies.	Powerpoint Presentation	12	12	
Total			60		

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Advertising
Course, Class and Semester:	Commerce / SY / IV
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	27

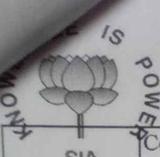
Month	No of lectures Available
November	5
December	4
January	10
February	10
TOTAL	29

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Media in Advertising				
November and December	<p>Traditional Media: Print, Broadcasting, Out-Of-Home advertising and films - advantages and limitations of all the above traditional media.</p> <p>New Age Media: Digital Media / Internet Advertising – Forms, Significance and Limitations.</p> <p>Media Research: Concept, Importance, Tool for regulation - ABC and Doordarshan Code.</p>	Chalk and Talk, Power Point Presentation.	9	09	

Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Planning Advertising Campaigns				



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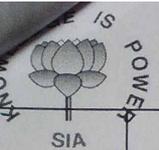


<p>January</p>	<p>Concept, Advertising Campaign Planning - Steps Determining advertising objectives - DAGMAR model. Advertising Budgets: Factors determining advertising budgets, methods of setting advertising budgets, Media Objectives - Reach, Frequency and GRPs. Media Planning: Concept, Process, Factors considered while selecting media, Media Scheduling Strategies</p>	<p>Chalk and Talk, Power Point Presentation, Videos on Retailing</p>	<p>7</p>	<p>FO</p>	
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Month	Syllabus Unit -3 Alloted Lectures : 11 Fundamentals of Creativity in Advertising	Strategies Used	Planned	Taken	Remarks
<p>January and February</p>	<p>Creativity: Concept and Importance, Creative Process, Concept of Creative Brief, Techniques of Visualization. Creative aspects: Buying Motives - Types, Selling Points- Features, Appeals – Types, Concept of Unique Selling Proposition (USP). Creativity through Endorsements: Endorsers – Types, Celebrity Endorsements – Advantages and Limitations, High Involvement and Low Involvement Products.</p>	<p>Chalk and Talk, Power Point Presentation, Video Screening</p>	<p>7</p>	<p>07</p>	

Month	Syllabus Unit -4 Alloted Lectures:12 Execution and Evaluation of Advertising	Strategies Used	Planned	Taken	Remarks
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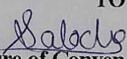




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TEACHING PLAN 2019-2020

February	Preparing print ads: Essentials of Copywriting, Copy – Elements, Types, Layout- Principles, and Illustration - Importance. Creating broadcast ads: Execution Styles, Jingles and Music – Importance, Concept of Storyboard. Evaluation: Advertising copy, Pre-testing and Post-testing of Advertisements – Methods and Objectives	Chalk and Talk, Power Point Presentation, Video Screening	6	04	
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TOTAL: 29

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TEACHING PLAN 2018-2019

19-20

Name of Teacher :	Shweta
Subject :	FOUNDATION COURSE - IV
Course, Class and Semester:	SYBCOM
Division :	A and B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month
December
January
February
March
TOTAL

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	
	RIGHTS OF CITIZENS			A	B
November/ December	<p>A. Rights of Consumers- Violations of Consumer rights, Consumer Protection Act 2016, Other important laws to protect the consumers, Consumer courts, Consumer movements.</p> <p>B.Right to Information Act,2005- Genesis and Important Provisions</p> <p>C.Protection of citizens' Public Interest/PIL: Need and procedure to file a PIL</p> <p>D. Citizens' Charter, Public Service Guarantee Acts</p>	Traditional, Case Studies	12	5	5



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TEACHING PLAN 2018-2019



Month	Syllabus Unit - 2 Allotted Lectures : 11	Strategies Used	Planned	Taken	
	APPROACHES TO ECOLOGY			A	B
December/ January	A. Understanding Approaches- Anthropocentrism, Biocentrism, Ecocentrism, Ecofeminism, Deep Ecology B.Environmental Principles-1: Sustainability Principle, Polluter Pays Principle, precautionary Principle C.Environmental Principles-2: Equity, Human Rights, Participation Principle	Traditional, Student Presentations	10	6	3

Month	Syllabus Unit -3 Allotted Lectures :11	Strategies Used	Planned	Taken	
	SCIENCE AND TECHNOLOGY-II			A	B
January	A. Significant modern technologies i. Laser Technology-uses and applications ii.Satellite technology-Uses in GPS, Navigation and mapping iii.ICT- Convergence of various technologies, Digital Revolution iv.Biotechnology-uses in agriculture,medicine,pharmaceuticals v.Nanotechnology-Definition, uses in medicine,military,consumer products B. Issues of Control,Access and Misuse of Technology		10	10	10



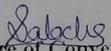


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TEACHING PLAN 2018-2019

Month	Syllabus Unit -4 Alloted Lectures : 11	Strategies Used	Planned	Taken	
	INTRODUCTION TO COMPETITIVE EXAMS			A	B
February	A. Basic Information, Criteria and Eligibility i.Examinations for Professional Courses- GRE, GMAT, CAT, SAT ii. Examinations for Government Jobs- UPSC, SSC, State Public Service Commission, Banking Insurance sectors, NET/SET B. Soft skills required for competitive exams i.Information on areas tested:Qunatitative Ability, Data Interpretation, Logical Reasoning,Creativity ii.Motivation: Concept,Theories,Types iii.Goal Setting: Types, SMART Goals, Concept pf Human Endowment iv. Time Management:Effective Strategies v.Writing Skills: Paragraph Writing, Report Writing, Filling an application		10	7	7

TOTAL:


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TEACHING PLAN 2019-2020

Name of Teacher :	Ms. Salochna Nagdev
Subject :	Financial Accounting
Course, Class and Semester:	BCom / TY / V
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
JUNE	12
JULY	20
AUGUST	16
SEPTEMBER	2
TOTAL	50

Month	Syllabus Unit 4- Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
June	For shares (variable income bearing securities), For debentures/Preference shares (fixed income bearing securities), Accounting for transactions of purchase and sale of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method (Excl. brokerage).	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Quiz	12	11	



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Month	Syllabus Unit 3 - Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Buy back of Share				
JULY	Company Law / Legal provisions (including related restrictions, power, transfer to capital redemption reserve account and prohibitions), Compliance of conditions including sources, maximum limits and debt equity ratio. Cancellation of Shares Bought back (Excluding Buy Back of minority shareholding), Problems on buy back of share	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	10	10	

Month	Syllabus Unit 2- Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Internal Reconstruction				
JULY	Need for reconstruction and company law provisions. Distinction between internal and external reconstructions. Methods including alteration of share capital, variation of shareholder rights, sub division, consolidation, surrender and reissue / cancellation, reduction of share capital with relevant legal provisions, Problems on Internal Reconstruction	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	10	01 → July 09 → August	

AUGUST	Problems on Internal Reconstruction	Problem Solving	2	02	
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TEACHING PLAN 2019-2020

Month	Syllabus Unit 1- Alloted Lectures:15 Preparation of Final Accounts of Companies	Strategies Used	Planned	Taken	Remarks
AUGUST	<p>Relevant provisions of Companies Act related to preparation of Final Account, (excluding cash flow statement), Preparation of financial statements as per Companies Act. (excluding cash flow statement), Adjustment for – 1. Closing Stock 2. Depreciation 3. Outstanding expenses and income 4. Prepaid expenses and Pre received income 5. Proposed Dividend and Unclaimed Dividend 6. Provision for Tax and Advance Tax 7. Bill of exchange (Endorsement, Honour, Dishonour) 8. Capital Expenditure included in Revenue expenditure and vice versa eg- purchase of furniture included in purchases</p>	<p>Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test</p>	10	10 13	





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TEACHING PLAN 2019-2020

Month SIA	Syllabus Unit 5- Alloted Lectures:08 Ethical Behaviour and Implications for Accountants	Strategies Used	Planned	Taken	Remarks
AUGUST	Introduction, Meaning of ethical behavior, Financial Reports – What is the link between law, corporate governance, corporate social responsibility and ethics? What does the accounting profession mean by the ethical behavior? Implications of ethical values for the principles versus rule based approaches to accounting standards	Powerpoint Presentation	4	04	
SEPTEMBER	The accounting standard setting process and ethics The IFAC Code of Ethics for Professional Accountants, Implications of unethical behavior for financial reports, Company Codes of Ethics		2	04.	
TOTAL:			50	54	

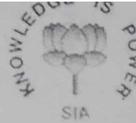
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E SIA COLLEGE OF HIGHER EDUCATION
 LECTURE PLANNING PLAN : COST ACCOUNTING 2019 - 2020

Name of Teacher :	Kavitha Nadar	Month	No of lectures Available
Subject :	Financial accounting and auditing - cost accounting paper VIII	June	6
Course,Class and Semester:	BCOM / TY / V	July	15
Division :	A	August	15
Lectures Alloted for whole Semester:	60	September	2
Actual Lectures Taken :	35	TOTAL	38

Month	Syllabus Unit - I Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Material Costing				
June	Material Costing	Discussion Method, Chalk and tak, Practical problems, Test	6	6	

Month	Syllabus Unit - IV Allotted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Classification of Cost and Cost sheet				
July	Classification of Cost and Cost sheet	Discussion Method, Chalk and tak, Practical problems, Test	8	8	

Month	Syllabus Unit - IV Allotted Lectures :20	Strategies Used	Planned	Taken	Remarks
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Month	Syllabus Unit	Strategies Used	Planned	Taken	Remarks
July	Reconciliation of Cost and Financial accounts	Discussion Method, Chalk and tak, Practical problems, Test	7	7	

Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
August	Overheads	PPT, Discussion Method, Chalk and tak, Points to remember,	8	8	
Month	Syllabus Unit -2 Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
August	Labour Costing	PPT, Discussion Method, Chalk and tak, Practical problems, Test	7	7	

Month	Syllabus Unit -1 Alloted Lectures:03	Strategies Used	Planned	Taken	Remarks
August	Introduction to Cost accounting	PPT, Discussion Method, Chalk and tak, Practical problems, Test	2	2	

TOTAL: 38 38



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TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce V
Course, Class and Semester:	Commerce / TY / V
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	10
July	10
August	10
September	6
TOTAL	36

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Module – I Introduction to Marketing				
June	Marketing, concept, feature, importance, function, evaluation, strategic v/s traditional marketing Marketing research: concept, features, process Marketing information system: concept, components	Chalk and Talk, Power Point Presentation.	3	03	
	Data mining: concept, importance Consumer behaviour: concept, factor influencing consumer behaviour Market segmentation: concept, benefit, basis of market segmentation	Chalk and Talk, Power Point Presentation.	3	03	



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SIA	Consumer relationship management:concept , techniques	Chalk and Talk, Power Point Presentation.	2	02	
	Market targeting: concept ,five pattern of target market selection.		2	02	
Month	Syllabus Unit -2 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
July	Module -2 Marketing decision 1				
	Marketing mix: concept Product: product decision areas, Product life cycle: concept, meaning, stages of PLC Branding: concept, component Brand equity: concept ,factor influencing brand equity Packaging: concept ,essential of a good package	Chalk and Talk, Power Point Presentation.	4	04	
	Service positioning: impotance and challenges	Chalk and Talk, Power Point Presentation.	2	02	
	Pricing:concept,objective,factor influencing pricing,strategies		2	02	
Month	Syllabus Unit -3Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Marketing Decision II				
	Physical distribution:conept:factor influencing physical distribution,marketing channels(traditional and contemporary channels)	Chalk and Talk, Power Point Presentation,	3	02	





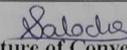
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July & August	Supply chain management:concept, components of SCM Promotion: concept,importance,elements of promotion mix	Chalk and Talk, Power Point Presentation,	2	02	
	Sales management:concept , components,emerging trends in selling	Chalk and Talk, Power Point Presentation,	2	01	
	Personal selling:concept, process of personal selling,skill sets required for effective selling	Chalk and Talk, Power Point Presentation,	2	01	
Syllabus Unit -4Alloted Lectures:11 Key Marketing Dimensions					
August & September and October	Marketing ethics: concept,unethicalpractices in marketing, general role of consumer oraganisation , competitive strategies for market leader, market challenger, follower and market nicher	Chalk and Talk, Power Point Presentation,	2	02	
	Rural marketing: concept,features of indian rural market, strategies for effective rural marketing	Chalk and Talk, Power Point Presentation,	3	01	
	Digital marketing: concept,trends in digital marketing	Chalk and Talk, Power Point Presentation,	1	01	
	Green marketing: concept , importance				

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TEACHING PLAN 2019-2020

SIA	Challenges faced by marketing managers in 21 st century	Power Point Presentation,	1	01	
	Careers in marketing: skill sets required for effective marketing ,factors contributing to success of brand in India with suitable examples, reasons for failure of brand in India with suitable examples	Power Point Presentation	2	02	
		Total	36	31	


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TEACHING PLAN 2018-2019 19-20

Name of Teacher :	Mahesh Kandalkar
Subject :	Direct Tax
Course, Class and Semester:	BCOM / TY / V
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	34

Month	No of lectures Available
June	9
July	14
August	12
September	10
TOTAL	45

Month		Strategies Used	Planned	Taken	Remarks
June	Syllabus Unit -1 Allotted Lectures :05				
	Basic concepts				
	Assessment, A. Y., P. Y	Lecture	5	02	
	Person, Assessee				
July	Residential status of Individual- Conditions, Scope of income				
	Syllabus Unit -2 Allotted Lectures :10				
	Income from Salary & Income from House Property		10	10	
	Meaning, Definition, Deductions, allowances under salary Types of House property	Chalk Board, Problem solving			
August	Deduction under house property				
	Syllabus Unit -3 Allotted Lectures :10	Chalk Board, Problem solving	10	10	
	Income from Capital gain, Income from other sources,	Chalk Board, Problem solving			





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TEACHING PLAN 2018-2019 19-20

September	Syllabus Unit -4 Allotted Lectures :10				
	Income from Business & Profession, Deductions Under Chapter VIA				
		Chalk Board, Problem solving	10	06	
	Syllabus Unit -5 Allotted Lectures :10				
	Gross Total Income				
		Problem Solving	10	06	
		TOTAL:	45	34	

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Name of Teacher :	Hema Iyengar
Subject :	Business Economics V
Course, Class and Semester:	Commerce / TY / V
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	12
July	12
August	11
September	5
TOTAL	40

Month	Syllabus Unit -1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Macro-Economic Overview of India				
June	Overview of New Economic Policy-1991, - Role of Social Infrastructure with reference to education, health and family welfare	PPT and Class Activity	3	2	
	Sustainable Development Goals and Policy measures	PPT and Class Exercise	2	1	
	Make in India, Invest in India, and Skill Development and Training Programmes	PPT and Class Exercise	3	1	
	Foreign Investment Policy Measures in India - Foreign Investment Promotion Board, FDI-MNCs and their role.	PPT	3	1	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Agriculture During the Post-Reform Period				
June	National Agricultural Policy 2000: Objectives, Features and Implications	PPT	3	2	
July	Agricultural pricing and agricultural finance	PPT	3	2	
	Agricultural Marketing Development- Agricultural Market infrastructure	PPT and Class Exercise	2	1	



Month	Syllabus Unit -3 Alloted Lectures : 10 Industry and Service Sector During the Post-Reform Period	Strategies Used	Planned	Taken	Remarks
August	Policy Measures- Competition Act 2003, Disinvestment Policy, Micro, Small and Medium Enterprises [MSME sector]-since 2007	PPT	3	2	
	Industrial Pollution in India: Meaning, Types, Effects and Control.	PPT and Class Exercise	2	1	
	Service Sector: Recent trends, role and growth in Healthcare and Tourism Industry	PPT and Class Exercise	4	3	
Month	Syllabus Unit -4 Alloted Lectures ; 10 Banking and Financial Market	Strategies Used	Planned	Taken	Remarks
August	Banking Sector- Recent trends, issues and challenges in Banking and Insurance Industry	PPT	3	1	
September	Money Market – Structure, Limitations and Reforms.	PPT and Case Study	3	2	
	Capital Market – Structure, Growth and Reforms.	PPT and Blackboard	3	1	
Total			40	23	

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TEACHING PLAN 2019-2020

Name of Teacher :	Ms. Salochna Nagdev
Subject :	Financial Accounting
Course, Class and Semester:	BCom / TY / V
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
JUNE	12
JULY	20
AUGUST	16
SEPTEMBER	2
TOTAL	50

Month	Syllabus Unit 4- Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
June	For shares (variable income bearing securities), For debentures/Preference. shares (fixed income bearing securities). Accounting for transactions of purchase and sale of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method (Excl. brokerage).	Powerpoint Presentation for basic concepts, Problem solving, Assignment, Quiz	12	10	



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Month	Syllabus Unit 3 - Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
JULY	Buy back of Share Company Law / Legal provisions (including related restrictions, power, transfer to capital redemption reserve account and prohibitions), Compliance of conditions including sources, maximum limits and debt equity ratio. Cancellation of Shares Bought back (Excluding Buy Back of minority shareholding), Problems on buy back of share	Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test	10	10	

Month	Syllabus Unit 2- Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
JULY	Internal Reconstruction Need for reconstruction and company law provisions, Distinction between internal and external reconstructions. Methods including alteration of share capital, variation of shareholder rights, sub division, consolidation, surrender and reissue / cancellation, reduction of share capital with relevant legal provisions, Problems on Internal Reconstruction	Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test	10	06 04. → August	

AUGUST	Problems on Internal Reconstruction	Problem Solving	2	02	
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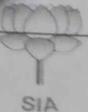
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Month	Syllabus Unit 1- Alloted Lectures:15 Preparation of Final Accounts of Companies	Strategies Used	Planned	Taken	Remarks
AUGUST	Relevant provisions of Companies Act related to preparation of Final Account, (excluding cash flow statement), Preparation of financial statements as per Companies Act. (excluding cash flow statement), Adjustment for – 1. Closing Stock 2. Depreciation 3. Outstanding expenses and income 4. Prepaid expenses and Pre received income 5. Proposed Dividend and Unclaimed Dividend 6. Provision for Tax and Advance Tax 7. Bill of exchange (Endorsement, Honour, Dishonour) 8. Capital Expenditure included in Revenue expenditure and vice versa eg- purchase of furniture included in purchases	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	10	14	

Month	Syllabus Unit 5- Alloted Lectures:08 Ethical Behaviour and Implications for Accountants	Strategies Used	Planned	Taken	Remarks



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 <p>AUGUST</p>	<p>Introduction, Meaning of ethical behavior, Financial Reports – What is the link between law, corporate governance, corporate social responsibility and ethics? What does the accounting profession mean by the ethical behavior? Implications of ethical values for the principles versus rule based approaches to accounting standards</p>	<p>Powerpoint Presentation</p>	<p>4</p>	<p>04 → Sept</p>	
<p>SEPTEMBER</p>	<p>The accounting standard setting process and ethics The IFAC Code of Ethics for Professional Accountants, Implications of unethical behavior for financial reports, Company Codes of Ethics</p>		<p>2</p>	<p>02 → Sept.</p>	
			<p>TOTAL: 50</p>	<p>52</p>	

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TEACHING PLAN : COST ACCOUNTING 2019 - 2020

Name of Teacher :	Kavitha Nadar
Subject :	Financial accounting and auditing - cost accounting paper VIII
Course, Class and Semester:	BCOM / TY / V
Division :	B
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	29

Month	No of lectures Available
June	6
July	15
August	15
September	2
TOTAL	38

Month	Syllabus Unit - I Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Material Costing				
June	Material Costing	Discussion Method, Chalk and tak, Practical problems, Test	6	6	

Month	Syllabus Unit - IV Allotted Lectures : 20	Strategies Used	Planned	Taken	Remarks
	Material costing & Cost sheet				
July	Material costing & Cost sheet	Discussion Method, Chalk and tak, Practical problems, Test	8	8	

Month	Syllabus Unit - IV Allotted Lectures :20	Strategies Used	Planned	Taken	Remarks
	Reconciliation of Cost and Financial accounts				
July	Reconciliation of Cost and Financial accounts	Discussion Method, Chalk and tak, Practical problems, Test	7	7	



Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
August	Overheads	PPT, Discussion Method, Chalk and tak, Points to remember, Test	8	8	
Month	Syllabus Unit -2Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
August	Labour Costing & introduction to csot accounting	PPT, Discussion Method, Chalk and tak, Practical problems, Test	7	7	

Month	REVISION	Strategies Used	Planned	Taken	Remarks
September	Revision	TEST	2	2	

TOTAL: 38 38

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TEACHING PLAN 2019-2020



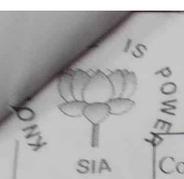
Name of Teacher :	Babita Nagdev
Subject :	Commerce V
Course, Class and Semester:	Commerce / TY / V
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	10
July	10
August	10
September	6
TOTAL	36

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Module – I Introduction to Marketing				
June	Marketing, concept, feature, importance, function, evaluation, strategic v/s traditional marketing Marketing research: concept, features, process Marketing information system: concept, components	Chalk and Talk, Power Point Presentation.	3	03	
	Data mining: concept, importance Consumer behaviour: concept, factor influencing consumer behaviour Market segmentation: concept, benefit, basis of market segmentation	Chalk and Talk, Power Point Presentation.	3	02	



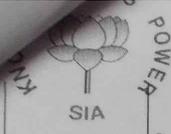
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SIA	Consumer relationship management: concept, techniques	Chalk and Talk, Power Point Presentation.	2	01	
	Market targeting: concept, five pattern of target market selection.		2	01	
Month	Syllabus Unit -2 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Module -2 Marketing decision 1				
July	Marketing mix: concept Product: product decision areas, Product life cycle: concept, meaning, stages of PLC Branding: concept, component Brand equity: concept, factor influencing brand equity Packaging: concept, essential of a good package	Chalk and Talk, Power Point Presentation.	4	04	
	Service positioning: importance and challenges	Chalk and Talk, Power Point Presentation.	2	02	
	Pricing: concept, objective, factor influencing pricing, strategies		2	02	
Month	Syllabus Unit -3 Allotted Lectures: 12	Strategies Used	Planned	Taken	Remarks
	Marketing Decision II				
	Physical distribution: concept, factor influencing physical distribution, marketing channels (traditional and contemporary channels)	Chalk and Talk, Power Point Presentation.	3	03	



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TEACHING PLAN 2019-2020



July & August

Supply chain management: concept, components of SCM
Promotion: concept, importance, elements of promotion mix

Chalk and Talk, Power Point Presentation,

2

02

Sales management: concept, components, emerging trends in selling

Chalk and Talk, Power Point Presentation,

2

02

Personal selling: concept, process of personal selling, skill sets required for effective selling

Chalk and Talk, Power Point Presentation,

2

02

Syllabus Unit -4 Alloted Lectures: 11 Key Marketing Dimensions

August & September and October

Marketing ethics: concept, unethical practices in marketing, general role of consumer organisation, competitive strategies for market leader, market challenger, follower and market nicher

Chalk and Talk, Power Point Presentation,

2

02

Rural marketing: concept, features of indian rural market, strategies for effective rural marketing

Chalk and Talk, Power Point Presentation,

3

02

Digital marketing: concept, trends in digital marketing

Chalk and Talk, Power Point Presentation,

1

01

Green marketing: concept, importance



Name of Teacher :	Hema Iyengar
Subject :	Business Economics V
Course, Class and Semester:	Commerce / TY / V
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
June	12
July	12
August	11
September	5
TOTAL	40

Month	Syllabus Unit -1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Macro-Economic Overview of India				
June	Overview of New Economic Policy-1991, - Role of Social Infrastructure with reference to education, health and family welfare	PPT and Class Activity	3	2	
	Sustainable Development Goals and Policy measures	PPT and Class Exercise	2	1	
	Make in India, Invest in India, and Skill Development and Training Programmes	PPT and Class Exercise	3	2	
	Foreign Investment Policy Measures in India – Foreign Investment Promotion Board, FDI-MNCs and their role.	PPT	3	2	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Agriculture During the Post-Reform Period				
June	National Agricultural Policy 2000: Objectives, Features and Implications	PPT	3	2	
July	Agricultural pricing and agricultural finance	PPT	3	3	
	Agricultural Marketing Development- Agricultural Market infrastructure	PPT and Class Exercise	2	2	

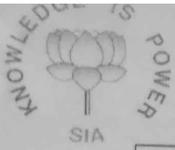


	Market information- Marketing training- Enabling environments-Recent developments	PPT and Class Activity	3	3	
Month	Syllabus Unit -3 Alloted Lectures : 10 Industry and Service Sector During the Post- Reform Period	Strategies Used	Planned	Taken	Remarks
August	Policy Measures- Competition Act 2003, Disinvestment Policy, Micro, Small and Medium Enterprises [MSME sector] since 2007	PPT	3	2	
	Industrial Pollution in India: Meaning, Types, Effects and Control.	PPT and Class Exercise	2	2	
	Service Sector: Recent trends, role and growth in Healthcare and Tourism Industry	PPT and Class Exercise	4	3	
Month	Syllabus Unit -4 Alloted Lectures : 10 Banking and Financial Market	Strategies Used	Planned	Taken	Remarks
August	Banking Sector- Recent trends, issues and challenges in Banking and Insurance Industry	PPT	3	2	
September	Money Market – Structure, Limitations and Reforms.	PPT and Case Study	3	2	
	Capital Market – Structure, Growth and Reforms.	PPT and Blackboard	3	1	
	Total		40	29	

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TEACHING PLAN 2018-2019 19-20

Name of Teacher :	Mahesh Kandalkar
Subject :	Direct Tax
Course, Class and Semester:	BCOM/ TY / V
Division :	B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	31

Month	No of lectures Available
June	9
July	14
August	12
September	10
TOTAL	45

Month		Strategies Used	Planned	Taken	Remarks
June	Syllabus Unit -1 Allotted Lectures :05				
	Basic concepts				
	Assessment, A.Y., P.Y	Lecture	5	03	
	Person, Assessee				
July	Residential status of Individual- Conditions ,Scope of income				
	Syllabus Unit -2 Allotted Lectures :10		10	10	
	Income from Salary & Income from House Property	Chalk Board, Problem solving			
	Meaning, Definition, Deductions, allowances under salary Types of House property				
August	Deduction under house property				
	Syllabus Unit -3 Allotted Lectures :10	Chalk Board, Problem solving	10	08	
	Income from Capital gain, Income from other sources,	Chalk Board, Problem solving			





Name of Teacher :	Rashmi Chindarkar
Subject :	Computer System and Application
Course,Class and Semester:	BCOM / TY / V
Division :	A & B
Lectures Alloted for whole Semester:	75
Actual Lectures Taken :	73

Month	No of lectures Available
JUNE	18
JULY	19
AUGUST	19
SEPTEMBER	19
TOTAL	75

Month	Syllabus Unit -I Allotted Lectures : 7	Strategies Used	Planned	Taken	Remarks
	Data Communication, Networking				
June	Data Communication Component,Network Basics and Infrastructure Definition, Types (LAN, MAN, WAN) Advantages. Network Structures – Server Based, Client server, Peer to Peer. Topologies – Star, Bus, Ring. Network Media, Wired and Wireless. Network Hardware: Hubs, Bridges, Switches, Routers. Network Protocols – TCP/IP, OSI Model.	discussion, focus on live examples, practice on queries	18	15	Unit I half part done. 3 lectures pending





Month	Syllabus Unit -1 Allotted Lectures :19 Internet Related Concepts	Strategies Used	Planned	Taken	Remarks
July	Definition, Types of connections, sharing internet connection.Services on net- WWW, Email-Blogs. IP addresses, Domain names, URLs. Searching Directories, Search engines, Boolean search (AND, OR, NOT),.Email – POP/SMTP accounts in Email, scanning attachments for viruses.	discussion of cuurent concept, live examples, class test, practicals	19	19	Completed
Month	Syllabus Unit -2,3 Allotted Lectures :15 Database and SQL	Strategies Used	Planned	Taken	Remarks
August	Statements (Schema Statements, Data statements, Transaction statements, names (table & column names), data types, Creating Database, inserting data, Updating data, Deleting data, expressions, built-in-functions, ALTER (Add, Remove, Change columns), RENAME, SHOW and DROP (TABLE, COLUMN, DATABASES statements), PRIMARY KEY FOREIGN KEY (One and more columns) Simple Validity checking using CONSTRAINTS. The SELECT statement (From, Where, Group By, Having, Orderby clause using logical, arithmetic and relational operators. Simple joins (INNER JOIN), Nested Queries sub queries, HAVING clause. START, COMMIT, and ROLLBACK	practice on queries, assignments, class test, practicals	19	15	completed





Month	Syllabus Unit -4 Alloted Lectures:19	Strategies Used	Planned	Taken	Remarks
	SpreadSheet				
September	Types of data, entering different types of data such as texts, numbers, dates, functions. Quick way to add data Auto complete, Autocorrect, Auto fill, Auto fit. Undo and Redo.Moving data, Selecting with keyboard. Cut-Copy, Paste. Adding and moving columns or rows. Inserting columns and rows. Find and replace values. Spell check. Formatting cells, Numbers, Date, Times, Font, Colors, Borders, Fills operation related to excel sheet,Creating formulas, Financial, mathematical functions.	discussion of cuurent concept, live examples, hands on pracicals	19	19 + 4	Completed pending 4 lectures covered

TOTAL: 75

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THE SIA COLLEGE OF HIGHER EDUCATION

TEACHING PLAN : EXPORT MARKETING 2019 - 2020

Name of Teacher :	Kavitha Nadar	Month	No of lectures Available
Subject :	Export Marketing	June	8
Course,Class and Semester:	BCOM / TY / V	July	12
Division :	A & B	August	12
Lectures Alloted for whole Semester:	45	September	3
Actual Lectures Taken :	30	TOTAL	35

Month	Syllabus Unit - I Alloted Lectures : 15 Introduction to Export Marketing	Strategies Used	Planned	Taken	Remarks
June	Concepts and Features of Export Marketing, Importance of Export Marketing for a Firm and a Nation, Distinguish between Export and Domestic Marketing, Factors Influencing Export Marketing, Risk Involved in export Marketing, Problems of India's Export Sector, Major merchandise / commodities export of India Since 2015, Service export of India since 2015 and region wise India's export trade since 2015	PPT, Discussion Method, Chalk and tak & Assignment	8	8	

Month	Syllabus Unit -II Alloted Lectures : 15 Global Framework for export marketing	Strategies Used	Planned	Taken	Remarks



July	Trade barriers and its types, Distinction between Tariff and Non Tariff Barriers, Major economic groupings, its types and implications, SAARC, NAFTA, ASEAN, EU , WTO its objectives and functions, WTO Agreements, TRIMS, TRIPS, AOA, GATS, Need for overseas market research, Market selection process, Determinants of Foreign Market Selection.	PPT, Discussion Method, Chalk and tak &Assignment	8	8	
Month	Syllabus Unit -III Alloted Lectures : 15 India's Foreign Trade Policy	Strategies Used	Planned	Taken	Remarks
July	Foreign Trade Policy 2015 - 20, Highlights and Implications Export Trade Facilitations and ease of doing business as per new FTP	PPT, Discussion Method, Chalk and tak &Assignment	4	4	

Month	Syllabus Unit -IV Alloted Lectures:15 Exports Incentives and Assistance	Strategies Used	Planned	Taken	Remarks
August	Role of DGFT, Deemed exports, Negative list of exports , Benefits to status holders, towns of excellence, benefits for EHTP, STP, SEZ, EOU, AEZ.	PPT, Discussion Method, Chalk and tak &Assignment	4	4	
Month	Syllabus Unit -1V Alloted Lectures:15 Exports Incentives and Assistance	Strategies Used	Planned	Taken	Remarks



August	Financial incentives available to Indian exporters - Marketing development assistance, Market Access Initiative, Assistance to states for infrastructure development for export, Industrial raw material assistance centre, institutional support for indian exporters, Federation of Indian Chamber of Commerce and industry, Export Promotion council, Commodity Boards, Indian Institute of Foreign Trade, Indian Institute of Packaging, Export promotion Capital Goods scheme, Duty exemption and remission scheme, Export advance authorisation scheme, Duty drawback, IGST refund to exporters. &	PPT, Discussion Method, Chalk and tak & Assignment	8	8	
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Month	Syllabus Unit - I	Strategies Used	Planned	Taken	Remarks
	Exports Incentives and Assistance				
September	REVISION & Importance questions test	PPT, Discussion Method, Chalk and tak & Assignment	3	3	
TOTAL:			35	35	



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TEACHING PLAN 2018-2019

Name of Teacher :	Ms. Salohna Nagdev
Subject :	Financial Accounting
Course, Class and Semester:	BCom / TY / VI
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November & December	8
January	16
February	16
March	16
TOTAL	56

Month	Syllabus Unit 2- Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Accounting of Transactions of Foreign Currency				
November /December	In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange rate differences	Powerpoint Presentation for basic concepts, Problem solving	8	08	

January	Problems on computation and treatment of exchange rate differences	Problem Solving, Assignment, Class Test	4		
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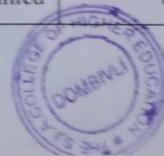


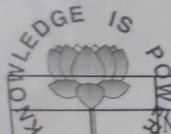
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Month	Syllabus Unit 1 - Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	AS - 14 - Amalgamation, Absorption & External Reconstruction (excluding intercompany holdings)				
January	In the nature of merger and purchase with corresponding accounting treatments of pooling of interests and purchase method respectively. Meaning and Computation of purchase consideration. Problems based on purchase method only.	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	12	10	

Month	Syllabus Unit 5 - Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Accounting for Limited Liability Partnership				
February	Statutory Provisions Conversion of partnership firm into LLP Final Accounts	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	10	08	

Month	Syllabus Unit - Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
	Underwriting of Shares & Debentures				





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February	Meaning of liquidation or winding up Preferential payments Overriding preferential payments Preparation of statement of affairs, deficit / surplus account Liquidator's final statement of account	Powerpoint Presentation for basic concepts, Problem Solving,	6	06	
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March	Liquidator,s Final statement of accounts	Problem solving, Assignment, Class Test	4	04	
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Month	Syllabus Unit - Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks
	Liquidation of Companies				
March	Introduction, Underwriting, Underwriting Commission Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to issues Types of underwriting, Abatement Clause Marked, Unmarked and Firm underwriting applications, Liability of the underwriters in respect of underwriting contract Practical problems	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	12	08	

TOTAL: 56

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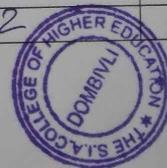
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Name of Teacher :	Hema Iyengar
Subject :	Business Economics VI
Course, Class and Semester:	Commerce / TY / VI
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	36

Month	No of lectures Available
November	9
December	8
January	9
February	8
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Introduction to International Trade				
November	Introduction	PPT and Class Activity	1	1	
	Ricardo's Theory	PPT and Class Activity	2	2	
	Heckscher-Ohlin Theory	PPT and Class Activity	1	2	
	Terms of Trade	PPT and Class Activity	1	1	
	Gains from trade	PPT	2	2	
	Offer Curves and Reciprocal Demand	PPT	2	2	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Agriculture During Post-Reform Period				
December	Introduction	PPT, Videos	2	2	
	Free Trade Vs Protection	PPT, Videos		1	
	Tariff and Non-Tariff Barriers- Meaning, Types, Effects	PPT, Videos, and Class Activity	3	3	
	International Economic Integration	PPT	2	2	
	EU and Brexit ASEAN	Cases and PPT	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Industry and Service Sector During Post-Reform Period				
	Meaning of BOP, Structure	PPT, Case Study, Videos	2	2	



Month	Syllabus Unit -4 Alloted Lectures : 10 Banking and Financial Market	Strategies Used	Planned	Taken	Remarks
January	Types of Disequilibrium	Flip Classroom	2	2	
	Causes and Measures to Correct Disequilibrium	PPT, Videos, and Class Activity	1	1	
	WTO – Recent developments in TRIPs, TRIMs, and GATS	PPT, Videos, and Class Activity	2	2	
January	Meaning and functions of foreign exchange market	PPT, Videos, and Class Activity	2	2	
February	Determination of equilibrium rate of exchange	PPT and Class Activity	2	2	
	Purchasing power parity theory	PPT and Class Activity	1	2	
	Spot and forward Rates, Arbitrage	PPT and Discussion	2	2	
	Role of Central Bank in Foreign Exchange Management	PPT and Discussion	1	1	
	Managed Flexible exchange rate system of India	PPT	1	1	
Total			34	36	

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2019-2020



Name of Teacher :	Babita Nagdev
Subject :	Commerce VI
Course,Class and Semester:	Commerce / TY / VI
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	4
December	10
January	12
February	6
Total	32

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Human Resource Management				
November and December	Human Resource Management – Concept, Functions, Importance, Traditional v/s Strategic Human Resource Management ☑ Human Resource Planning- Concept Steps in Human Resource Planning Job Analysis-Concept, Components, Job design- Concept, Techniques ☑ Recruitment- Concept, Sources of Recruitment Selection - Concept , process , Techniques of E,selection,	Power Point Presentation	10	7	

Month	Syllabus Unit -2 Allotted Lectures :11	Strategies Used	Planned	Taken	Remarks
	Human Resource Development				



THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2019-2020



December	Human Resource Development- Concept, functions Training- Concept, Process of identifying training and development needs, Methods of Training & Development (Apprenticeship, understudy, job rotation, vestibule training, case study, role playing, sensitivity training, In, basket, management games) Evaluating training effectiveness- Concept, Methods ☐ Performance Appraisal- Concept, Benefits, Limitations, Methods Potential Appraisal-Concept, Importance ☐ Career Planning- Concept, Importance Succession Planning- Concept, Need Mentoring- Concept, Importance Counseling- Concept, Techniques.	Power Point Presentation	10	09												
	<table border="1"> <tr> <td>Month</td> <td>Syllabus Unit -3 Alloted Lectures : 11</td> <td>Strategies Used</td> <td>Planned</td> <td>Taken</td> <td>Remarks</td> </tr> <tr> <td></td> <td>Human Relations</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Month	Syllabus Unit -3 Alloted Lectures : 11	Strategies Used	Planned	Taken	Remarks		Human Relations							
Month	Syllabus Unit -3 Alloted Lectures : 11	Strategies Used	Planned	Taken	Remarks											
	Human Relations															



THE S.L.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI (EAST)
TEACHING PLAN 2019-2020



January

Human Relations- Concept, Significance
Leadership –Concept, Transactional &
Transformational Leadership Motivation-
Concept, Theories of Motivation, (Maslow's
Need Hierarchy Theory, Vroom's Expectancy
Theory, McGregor's Theory X and Theory Y,
Pink's Theory of Motivation) ■ Employees
Morale- Concept, Factors affecting Morale,
Measurement of Employees Morale Emotional
Quotient and Spiritual Quotient- Concept,
Factors affecting EQ & SQ ■ Employee
Grievance- Causes, Procedure for Grievance
redressal, Employee welfare measures and
Healthy & Safety Measures.

Power Point Presentation	10	08	
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Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Trends in Human Resource Management				





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2019-2020

SIA

HR in changing environment: Competencies-
concept, classification Learning organizations-
Concept, Creating an innovative organization,
Innovation culture- Concept, Need, Managerial
role. ☐ Trends in Human Resource
Management,: Employee Engagement-
Concept, Types Human resource Information
System (HRIS) – Concept, Importance,
Changing patterns of employment. ☐
Challenges in Human Resource Management:
Employee Empowerment, Workforce Diversity.
Attrition, Downsizing, Employee Absenteeism,
Work life Balance, Sexual Harassment at work
place, Domestic and International HR Practices,
Millennial (Gen Y) Competency Mapping

February

Power Point Presentation, Video Screening	10	08	
TOTAL:	40	32	

Signature of Subject Teacher

Signature of Convenor




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Name of Teacher :	Mahesh Kandalkar
Subject :	In Direct Tax
Course, Class and Semester:	B.COM / TY / V
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	38

Month	No of lectures Available
December	10
January	12
February	10
March	10
TOTAL	42

Month	Syllabus Unit -1 Allotted Lectures :	Strategies Used	Planned	Taken	Remarks
	Introduction				
December 2019	Meaning of GST, Need for GST, Dual GST Model	Power point presentation	10	10	Completed
	Definitions: Business, Consideration, Goods	Problem solving			
	Electronic Commerce operator, India, Person,	Problem solving			
	Non taxable supply, Principal supply, Recipient	Problem solving			
	Reverse Charge, Services, Supplier, Taxable person	Problem solving			
	Taxable supply				
January 2020	Syllabus Unit -2 Alloted Lectures				Completed
	Levy & Collection of Tax	Power point presentation	12	10	
	Scope of Supply	Problem solving			
	Non taxable supplies	Problem solving			
	Composite & Mix supplies	Problem solving			
February 2020	Syllabus Unit- 3 Alloted Lectures	Power point presentation			Completed
	Time, Place & Value of Supply				
	Time of Supply	Problem solving	10	08	
	Place of Supply	Problem solving			
	Value of Supply	Problem solving			
	Syllabus Unit- 4 Alloted Lectures	Problem solving			
	Input tax credit & Payment of Tax	Problem solving			
	Eligibility for taking input tax credit	Problem solving			

March	Syllabus Unit -5 A lloted Lectures	Problem solving			Completed
2020		Registration under GST Law			
		Person not liable for registration	Power point presentation	10	
	Compulsory Registration	Problem solving			
Total			42	38	

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SIA COLLEGE OF HIGHER EDUCATION
TEACHING PLAN - 2018-2019 19-20

Name of Teacher :	Ms. Rasika Shinde & Kavitha Nadar
Subject :	Financial accounting and auditing - cost accounting paper X
Course, Class and Semester:	BCOM / TY / VI
Division :	A
Lectures Allotted for whole Semester: -	60
Actual Lectures Taken :	55

Month	lectures Available
Nov	10
Dec	9
January	14
Feb	20
March	4
April	60
TOTAL	



Month	Syllabus Unit - IV Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
November	Standard Costing	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	10	10	

Month	Syllabus Unit - IV Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Marginal costing				

December	Marginal costing	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	9	9	
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Month	Syllabus Unit - IV Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Modern techniques of cost accounting				
December	Modern techniques of cost accounting	Discussion Method, PPT, solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	2	—	

Month	Syllabus Unit - III Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Process Costing				
January	Process Costing	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	12	10	
Month	Syllabus Unit -I Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Cost control accounts				
January	Cost control accounts	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	2	2	

Month	Syllabus Unit -I Alloted Lectures: 15		Strategies Used	Planned	Taken	Remarks
	Cost control Accounts					
February	Cost control Accounts		Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	9	8	
Syllabus Unit -II Alloted Lectures: 15						
Month	Contract Costing		Strategies Used	Planned	Taken	Remarks
February	Contract Costing		Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	12	12	
Syllabus Unit -II Alloted Lectures: 15						
Month	Contract Costing		Strategies Used	Planned	Taken	Remarks
March	Revision & Test of MCQ of all chapters		Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	4	4	

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TOTAL
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Faculty

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2019

19-20

Name of Teacher :	Ms. Salochna Nagdev
Subject :	Financial Accounting
Course,Class and Semester:	BCom / TY / VI
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November	12
December	8
January	18
February	16
TOTAL	54

Month	Syllabus Unit 2- Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Accounting of Transactions of Foreign Currency				
November	In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange rate differences. Problems on computation and treatment of exchange rate differences	Powerpoint Presentation for basic concepts, Problem solving , Assignment, Class Test	12	10	

Month	Syllabus Unit 5 - Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Accounting for Limited Liability Partnership				
December	Statutory Provisions Conversion of partnership firm into LLP Final Accounts	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	8	8	
January	Problems on Conversion of Partnership into LLP	Problem Solving, Assignment, Class Test	4	4	





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TEACHING PLAN 2018-2019

Month	Syllabus Unit 4- Alloted Lectures:10 Underwriting of Shares & Debentures	Strategies Used	Planned	Taken	Remarks
SIA January	Introduction, Underwriting, Underwriting Commission Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to issues Types of underwriting, Abatement Clause Marked, Unmarked and Firm-underwriting applications, Liability of the underwriters in respect of underwriting contract Practical problems	Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test	10	8	
Month	Syllabus Unit 1 - Allotted Lectures :15 AS – 14 - Amalgamation, Absorption & External Reconstruction (excluding intercompany holdings)	Strategies Used	Planned	Taken	Remarks
January	In the nature of merger and purchase with corresponding accounting treatments of pooling of interests and purchase method respectively. Meaning and Computation of purchase consideration. Problems based on purchase method only.	Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test	4	4	
February	AS – 14 - Amalgamation, Absorption & External Reconstruction (excluding intercompany holdings)	Problem Solving	8	6	
	Problems based on purchase method only.				
Month	Syllabus Unit 4- Alloted Lectures:10 Liquidation of Companies	Strategies Used	Planned	Taken	Remarks





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2019

February

Clearing of liquidation or winding up Preferential payments Overriding preferential payments Preparation of statement of affairs, deficit / surplus account Liquidator's final statement of account	Powerpoint Presentation for basic concepts, Problem Solving.	4	4	
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March

Liquidator,s Final statement of accounts	Problem solving, Assignment, Class Test	4	4	
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TOTAL: 54

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI (EAST)
TEACHING PLAN 2019-2020

Name of Teacher :	Babita Nagdev
Subject :	Commerce VI
Course, Class and Semester:	Commerce / TY / VI
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
November	4
December	10
January	12
February	6
Total	32

Month	Syllabus Unit -1 Allotted Lectures : 11	Strategies Used	Planned	Taken	Remarks
	Human Resource Management				
November and December	Human Resource Management – Concept, Functions, Importance, Traditional v/s Strategic Human Resource Management Human Resource Planning- Concept Steps in Human Resource Planning Job Analysis-Concept, Components, Job design- Concept, Techniques Recruitment- Concept, Sources of Recruitment Selection - Concept , process , Techniques of E,selection,	Power Point Presentation	10	08	

Month	Syllabus Unit -2 Allotted Lectures :11	Strategies Used	Planned	Taken	Remarks
	Human Resource Development				





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TEACHING PLAN 2019-2020

December	Human Resource Development- Concept, functions Training- Concept, Process of identifying training and development needs, Methods of Training & Development (Apprenticeship, understudy, job rotation, vestibule training, case study, role playing, sensitivity training, In, basket, management games) Evaluating training effectiveness- Concept, Methods ☐ Performance Appraisal- Concept, Benefits, Limitations, Methods Potential Appraisal-Concept, Importance ☐ Career Planning- Concept, Importance Succession Planning- Concept, Need Mentoring- Concept, Importance Counseling- Concept, Techniques.	Power Point Presentation	10	09	
	<p>Syllabus Unit -3 Alloted Lectures : 11</p> <p>Human Relations</p>	Strategies Used	Planned	Taken	Remarks



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TEACHING PLAN 2019-2020



<p>January</p>	<p>Human Relations- Concept, Significance Leadership –Concept, Transactional & Transformational Leadership Motivation- Concept, Theories of Motivation,(Maslow's Need Hierarchy Theory, Vroom's Expectancy Theory, McGregor's Theory X and Theory Y, Pink's Theory of Motivation) ☐ Employees Morale- Concept, Factors affecting Morale, Measurement of Employees Morale Emotional Quotient and Spiritual Quotient- Concept, Factors affecting EQ & SQ ☐ Employee Grievance- Causes, Procedure for Grievance redressal, Employee welfare measures and Healthy & Safety Measures.</p>	<p>Power Point Presentation</p>	<p>10</p>	<p>08</p>	
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Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Trends in Human Resource Management				





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI (EAST)
TEACHING PLAN 2019-2020

HR in changing environment: Competencies-
concept, classification Learning organizations-
Concept, Creating an innovative organization,
Innovation culture- Concept, Need, Managerial
role. II Trends in Human Resource
Management:- Employee Engagement-
Concept, Types Human resource Information
System (HRIS) – Concept, Importance,
Changing patterns of employment. II
Challenges in Human Resource Management:
Employee Empowerment, Workforce Diversity,
Attrition, Downsizing, Employee Absenteeism,
Work life Balance, Sexual Harassment at work
place, Domestic and International HR Practices,
Millennial (Gen Y) Competency Mapping

February

Power Point Presentation, Video Screening	10	09	
TOTAL:	40	32	

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Name of Teacher :	Hema Iyengar
Subject :	Business Economics VI
Course, Class and Semester:	Commerce / TY / VI
Division :	B
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	36

Month	No of lectures Available
November	9
December	8
January	9
February	8
TOTAL	34

Month	Syllabus Unit -1 Allotted Lectures : 10 Introduction to International Trade	Strategies Used	Planned	Taken	Remarks
November	Introduction	PPT and Class Activity	1	1	
	Ricardo's Theory	PPT and Class Activity	2	2	
	Heckscher-Ohlin Theory	PPT and Class Activity	1	2	
	Terms of Trade	PPT and Class Activity	1	1	
	Gains from trade	PPT	2	2	
	Offer Curves and Reciprocal Demand	PPT	2	2	
Month	Syllabus Unit -2 Allotted Lectures :10 Agriculture During Post-Reform Period	Strategies Used	Planned	Taken	Remarks
December	Introduction	PPT, Videos	2	1	
	Free Trade Vs Protection	PPT, Videos		1	
	Tariff and Non-Tariff Barriers- Meaning, Types, Effects	PPT, Videos, and Class Activity	3	3	
	International Economic Integration	PPT	2	2	
	EU and Brexit ASEAN	Cases and PPT	2	2	
Month	Syllabus Unit -3 Alloted Lectures : 15 Industry and Service Sector During Post-Reform Period	Strategies Used	Planned	Taken	Remarks
	Meaning of BOP, Structure	PPT, Case Study, Videos	2	2	



January	Types of Disequilibrium	Flip Classroom	2	2	
	Causes and Measures to Correct Disequilibrium	PPT, Videos, and Class Activity	1	1	
	WTO - Recent developments in TRIPs, TRIMs, and GATS	PPT, Videos, and Class Activity	2	2	
Month	Syllabus Unit -4 Alloted Lectures : 10 Banking and Financial Market	Strategies Used	Planned	Taken	Remarks
January	Meaning and functions of foreign exchange market	PPT, Videos, and Class Activity	2	2	
February	Determination of equilibrium rate of exchange	PPT and Class Activity	2	2	
	Purchasing power parity theory	PPT and Class Activity	1	2	
	Spot and forward Rates, Arbitrage	PPT and Discussion	2	2	
	Role of Central Bank in Foreign Exchange Management	PPT and Discussion	1	1	
	Managed Flexible exchange rate system of India	PPT	1	1	
Total			34	36	

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TEACHING PLAN - ~~2018-2019~~ 2019-20

Name of Teacher :	Ms. Rasika Shinde & Kavitha Nadar
Subject :	Financial accounting and auditing - cost accounting paper X
Course, Class and Semester:	BCOM / TY / VI
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	55

Month	lectures Available
Nov	
January	10
Dec February	9
Jan March	14
Feb April	20
mi TOTAL	4
Total	60



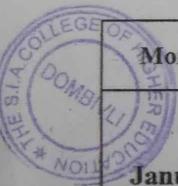
Month	Syllabus Unit - IV Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Standard Costing				
November	Standard Costing	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	10	10	

Month	Syllabus Unit - IV Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Marginal costing				

December	Marginal costing	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	9	9	
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Month	Syllabus Unit - IV Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Modern techniques of cost accounting				
December	Modern techniques of cost accounting	Discussion Method, PPT, solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	2	—	

Month	Syllabus Unit - III Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Process Costing				
January	Process Costing	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	12	12	
Month	Syllabus Unit -I Alloted Lectures:15	Strategies Used	Planned	Taken	Remarks
	Cost control accounts				
January	Cost control accounts	Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	2	2	



Month	Syllabus Unit -I Alloted Lectures: 15		Strategies Used	Planned	Taken	Remarks
	Cost control Accounts					
February	Cost control Accounts		Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	9	8	

Syllabus Unit -II Alloted Lectures: 15

Month	Contract Costing		Strategies Used	Planned	Taken	Remarks
February	Contract Costing		Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	12	12	

Syllabus Unit -II Alloted Lectures: 15

Month	Contract Costing		Strategies Used	Planned	Taken	Remarks
March	Revsion & Test of MCQ of all chapters		Discussion Method, PPT, Practical problems solved MS EXCEL, Test of MCQ in Microsoft teams and Assignment	4	4	

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TOTAL
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Faculty

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THE SIA College of Higher Education
TEACHING PLAN - 2018-2019

19-20

Name of Teacher :	Booma Halpeth & Kavitha Nadar
Subject :	Export Marketing
Course, Class and Semester:	BCOM / TY / VI
Division :	A & B
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	40

Month	No of lectures Available
Dec January	12
Jan February	10
Feb March	14
Mar April	3
TOTAL	39

Month	Syllabus Unit - IV Allotted Lectures : 12 Export Procedure and Documentation	Strategies Used	Planned	Taken	Remarks
November	Registration with different authorities, Quality control and pre - shipment inspection, Procedure for pre - shipment inspection, Pre-shipment inspection, Shipping and customs stage formalities clearance, Role of custom house agent, Commercial invoice, Certificate of origin, consular invoice, Shipping bill, Bill of lading, Export realisation proceeds, Export under bond, Export under letter of undertaking	PPT, Discussion Method, Objectives Test & Assignment	12	12	

Syllabus Unit - III Allotted Lectures : 10



Month	Export Finance	Strategies Used	Planned	Taken	Remarks
December	Procedure to obtain pre shipment finance, Procedure to obtain export finance, difference between pre shipment and post shipment finance, Role of commercial bank, Role of eXIM bank , Role of SIDBI, Role of ECGC, Coutner trade and its types, Method of payment in export marketing, PProcedure and types of letter of credit	PPT, Discussion Method, Objectives Test & Assignment	12	10	

Month	Syllabus Unit -II Alloted Lectures : 9 Export Promotion and Distribution	Strategies Used	Planned	Taken	Remarks
January	Factor influencing distribution channels, Direct export, Indirect exporting, difference between direct and indirect exporting, Indirect export channels, Components of logistics, Selection of criteria mode of transport, Need for insurance, Importance of trade fairs and exhibitions, benefits of personal selling, Essential of advertising in exprot marketing and sales promotion techniques	PPT, Discussion Method, Objectives Test & Assignment	9	7	

Month	Syllabus Unit -I Alloted Lectures:12 Product planning and pricing decisions	Strategies Used	Planned	Taken	Remarks
February	Product planning and decisions, Branding decisions, Packaging, Marking, Labelling, Factors deterring export pricing, Objectives of pricing, Export pricing strategies, INCO Terms, EXPORT Quotations, FOB, CIF and C&F.	PPT, Discussion Method, Objectives Test & Assignment	9	7	

Month	Syllabus Unit -I Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Product planning and pricing decisions				
March	Sums on FOB PRICE & Revision of MCQ of all chapters	PPT, Discussion Method, Objectives Test & Assignment	3	3	
			45		
TOTAL:			45	39	

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THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2019

19-20

Name of Teacher :	Ms. Salochna Nagdev
Subject :	Financial Accounting
Course, Class and Semester:	BCom / TY / VI
Division :	B
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
November	12
December	8
January	18
February	16
TOTAL	54

Month	Syllabus Unit 2- Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Accounting of Transactions of Foreign Currency				
November	In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange rate differences. Problems on computation and treatment of exchange rate differences	Powerpoint Presentation for basic concepts, Problem solving , Assignment, Class Test	12	10	

Month	Syllabus Unit 5 - Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Accounting for Limited Liability Partnership				
December	Statutory Provisions Conversion of partnership firm into LLP Final Accounts	Powerpoint Presentation for basic concepts, Problem Solving, Assignment, Class Test	8	06	
January	Problems on Conversion of Partnership into LLP	Problem Solving, Assignment, Class Test	4	04	
Month	Syllabus Unit 4- Alloted Lectures:10	Strategies Used	Planned	Taken	Remarks





THE S.I.A COLLEGE OF HIGHER EDUCATION, DOMBIVLI(EAST)
TEACHING PLAN 2018-2019

	Underwriting of Shares & Debentures	Strategies Used	Planned	Taken	Remarks
January	Introduction, Underwriting, Underwriting Commission Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to issues Types of underwriting, Abatement Clause Marked, Unmarked and Firm-underwriting applications, Liability of the underwriters in respect of underwriting contract Practical problems	Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test	10	08	
Month	Syllabus Unit 1 - Allotted Lectures :15 AS – 14 - Amalgamation, Absorption & External Reconstruction (excluding intercompany holdings)	Strategies Used	Planned	Taken	Remarks
January	In the nature of merger and purchase with corresponding accounting treatments of pooling of interests and purchase method respectively. Meaning and Computation of purchase consideration. Problems based on purchase method only.	Powerpoint Presentation for basic concepts, Problem Solving, Assignement, Class Test	4	02	
February	AS – 14 - Amalgamation, Absorption & External Reconstruction (excluding intercompany holdings) Problems based on purchase method only.	Problem Solving	8	06	
Month	Syllabus Unit 4- Alloted Lectures:10 Liquidation of Companies	Strategies Used	Planned	Taken	Remarks



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February

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TEACHING PLAN 2018-2019

February	Meaning of liquidation or winding up Preferential payments Overriding preferential payments Preparation of statement of affairs, deficit / surplus account Liquidator's final statement of account	Powerpoint Presentation for basic concepts, Problem Solving,	4	04	
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March	Liquidators Final statement of accounts	Problem solving, Assignment, Class Test	4	04	
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TOTAL: 54

Signature of Subject Teacher

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Principal
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EYB.SOCI-
Theory & Proc

Name of Teacher :	Rashmi Chindarkar
Subject :	Operating System
Course, Class and Semester :	IT / FY / I
Division :	
Lectures Allotted for whole Semester :	60
Actual Lectures Taken :	

Month	No of lectures Available
July	15
August	12
September	14
October	19
TOTAL	60

Month	Syllabus Unit - 1 Allotted Lectures : 12		Planned	Taken	Remarks
	Introduction, Process and Thread	Strategies Used			
July	What is an operating system? History of operating systems, computer hardware, different operating systems, operating system concepts, system calls, operating system structure. Processes, threads, interprocess communication, scheduling, IPC problems. No memory abstraction, memory abstraction., page replacement algorithms	discussion, clearance of concept, projector, question answer sessions	15	15	done as per plan



SIA Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
August	<p>File Systems, Input/Output</p> <p>Segmentation, Files, directories, file system implementation, file-system management and optimization, MS-DOS file system, UNIX V7 file system, CD ROM file system, Principles of I/O hardware, Principles of I/O software, I/O software layers, disks, clocks, user interfaces: keyboard, mouse, monitor, thin clients, power management,</p>	discussion of current concept, group discussion, writing practice	12	09	Unit - 2 incomplete
Month	<p>Syllabus Unit -3,4 Allotted Lectures :15</p> <p>Virtualization and Cloud</p> <p>Resources, introduction to deadlocks, the ostrich algorithm, deadlock detection and recovery, deadlock avoidance, deadlock prevention, issues. Virtualization and Cloud: History, requirements for virtualization, type 1 and 2 hypervisors, techniques for efficient virtualization, hypervisor microkernels, memory virtualization, I/O virtualization, Virtual appliances, virtual machines on multicore CPUs, Clouds. Multiple Processor Systems Multiprocessors, multicomputers, distributed systems.</p>	Strategies Used	Planned	Taken	Remarks
September		discussion of current, class test, assignments	14	14	Unit - 2 completed Unit - 3 completed. Unit - 4 incomplete

SIA Month	Syllabus Unit -4,5 Alloted Lectures:12		Planned	Taken	Remarks
	Case Study on LINUX and ANDROID and Case Study on Windows	Strategies Used			
October	History of Unix and Linux, Linux Overview, Processes in Linux,Memory management in Linux, I/O in Linux, Linux file system,security in Linux. AndroidHistory of windows through Windows 10, programming windows, system structure, processes and threads in windows, memory management, caching in windows, I/O in windows, Windows NT file system, Windows power management, Security in windows.	discussion of current concept,class test, group discussion	19	17	Unit-4 & 5 completed

TOTAL: 55

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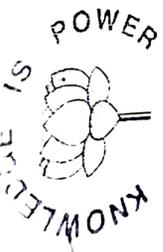
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Name of Teacher :	Rashmi Chindarkar	Month		No. of Practicals Available	Batch A	Batch B
Subject :	Operating System		January	30	15	15
Course, Class and Semester:	IT / FY / I		February	18	9	9
Division/ Batch :	A		March	24	12	12
Practicals Alloted for whole Semester:	60	TOTAL		72	36	36
Actual Lectures Taken :						

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
July	1	Installation of virtual machine software.	15	3	completed.
	2	Installation of Linux operating system (RedHat / Ubuntu) on virtual machine		5	
	3	Linux commands: Working with Directories- A		7	





Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
August	4	Linux commands: Working with Directories- B	9	3	completed
	5	Linux commands: Working with files-PART 1		3	
September	6	Linux commands: Working with files-PART 2	12	6	completed
	7	Windows (DOS) Commands - 1		3	
	8	Windows (DOS) Commands - 1		2	
	9	Working with Linux Desktop and utilities- VI Editor		1	
				33	

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TOTAL: 36

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Name of Teacher :	Tejaswini Shivsharan
Subject :	Digital Electronics
Course,Class and Semester:	IT / FY / I
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	
August	
September	
October	
TOTAL	

Month	Syllabus Unit -3 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Digital Electronics				
July	<p>Number System: Analog System, digital system, numbering system, binary number system, octal number system, hexadecimal number system, conversion from one number system to another, floating point numbers, weighted codes binary coded decimal, non-weighted codes Excess - 3 code, Gray code, Alphnumeric codes - ASCII Code, EBCDIC, ISCI Code, Hollerith Code, Morse Code, Teletypewriter (TTY), Error detection and correction, Universal Product Code, Code conversion. Binary Arithmetic: Binary addition, Binary subtraction, Negative number representation, Subtraction using 1's complement and 2's complement, Binary multiplication and division, Arithmetic in octal number system, Arithmetic in hexadecimal number system, BCD and Excess - 3 arithmetic.</p>		10	10	Completed



<p>August</p>	<p>Boolean Algebra and Logic Gates: Introduction, Logic (AND OR NOT), Boolean theorems, Boolean Laws, De Morgan's Theorem, Perfect Induction, Reduction of Logic expression using Boolean Algebra, Deriving Boolean expression from given circuit, exclusive OR and Exclusive NOR gates, Universal Logic gates, Implementation of other gates using universal gates, Input bubbled logic, Assertion level. Minterm, Maxterm and Karnaugh Maps: Introduction, minterms and sum of minterm form, maxterm and Product of maxterm form, Reduction technique using Karnaugh maps – 2/3/4/5/6 variable K-maps, Grouping of variables in K-maps, K-maps for product of sum form, minimize Boolean expression using K-map and obtain K-map from Boolean expression, Quine Mc Cluskey Method.</p>		<p>10</p>	<p>10</p>	<p>Completed</p>
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Month	Syllabus Unit -3 Alloted Lectures : 12		Strategies Used	Planned	Taken	Remarks
September	Combinational Logic Circuits: Introduction, Multi-input, multi-output Combinational circuits, Code converters design and implementations Arithmetic Circuits: Introduction, Adder, BCD Adder, Excess – 3 Adder, Binary Subtractors, BCD Subtractor, Multiplier, Comparator.			12		

Month	Syllabus Unit -4 Alloted Lectures:12		Strategies Used	Planned	Taken	Remarks
September	Multiplexer, Demultiplexer, ALU, Encoder and Decoder: Introduction, Multiplexer, Demultiplexer, Decoder, ALU, Encoders. Sequential Circuits: Flip-Flop: Introduction, Terminologies used, S-R flip-flop, D flip-fop, JK flip- flop, Race-around condition, Master – slave JK flip-flop, T flip-flop,			12		



Month	Syllabus Unit -5 Alloted Lectures:12			Planned	Taken	Remarks
	Strategies Used					
October	conversion from one type of flip-flop to another, Application of flip- flops. V Counters: Introduction, Asynchronous counter, Terms related to counters, IC 7493 (4-bit binary counter), Synchronous counter, Bushing, Type T Design, Type JK Design, Presettable counter, IC 7490, IC 7492, Synchronous counter ICs, Analysis of counter circuits. Shift Register: Introduction, parallel and shift registers, serial shifting, serial-in serial-out, serial-in parallel-out , parallel-in parallel-out, Ring counter, Johnson counter, Applications of shift registers, Pseudo-random binary sequence generator, IC7495, Seven Segment displays, analysis of shift counters.			12	12	Completed

TOTAL: 56

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Name of Teacher :	Tejaswini Shivsharan	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Digital Electronics	August		07	08
Course,Class and Semester :	IT / FY / I	September		05	04
Division/Batch :	A	October		06	06
Practicals Alloted for wh	60	TOTAL		18	18
Actual Lectures Taken :					

Month	Practical No	Intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
August	1	Study of Logic gates and their ICs and universal gates: a. Study of AND, OR, NOT, XOR, XNOR, NAND and NOR gates b. IC 7400, 7402, 7404, 7408, 7432, 7486, 74266 c. Implement AND, OR, NOT, XOR, XNOR using NAND gates. d. Implement AND, OR, NOT, XOR, XNOR using NOR gates.		15	Completed
	2	Implement the given Boolean expressions using minimum number of gates. a. Verifying De Morgan's laws. b. Implement other given expressions using minimum number of gates. c. Implement other given expressions using minimum number of ICs.	15		



3	Implement combinational circuits. a. Design and implement combinational circuit based on the problem given and minimizing using K-maps.	
4	Implement code converters. a. Design and implement Binary – to – Gray code converter. b. Design and implement Gray – to – Binary code converter. c. Design and implement Binary – to – BCD code converter d. Design and implement Binary – to – XS-3 code converter	

Month	Practical No	Batch 3 practicals are allotted (per)	Planned	Taken	Remarks
September	4	Implement Adder and Subtractor Arithmetic circuits. a. Design and implement Half adder and Full adder. b. Design and implement BCD adder. c. Design and implement XS – 3 adder. d. Design and implement binary subtractor. e. Design and implement BCD subtractor. f. Design and implement XS – 3 subtractor.	9	09	Completed
	5	Implement Arithmetic circuits. a. Design and implement a 2-bit by 2-bit multiplier. b. Design and implement a 2-bit comparator.			



<p style="text-align: center;">October</p>	<p style="text-align: center;">6</p>	<p>Implement Encode and Decoder and Multiplexer and Demultiplexers. a. Design and implement 8:3 encoder. b. Design and implement 3:8 decoder. c. Design and implement 4:1 multiplexer. Study of IC 74153, 74157 d. Design and implement 1:4 demultiplexer. Study of IC 74139 e. Implement the given expression using IC 74151 8:1 multiplexer. f. Implement the given expression using IC 74138 3:8 decoder.</p>	<p>12</p>			
	<p style="text-align: center;">7</p>	<p>Study of flip-flops and counters. a. Study of IC 7473. b. Study of IC 7474. c. Study of IC 7476. d. Conversion of Flip-flops. e. Design of 3-bit synchronous counter using 7473 and required gates. f. Design of 3-bit ripple counter using IC 7473.</p>		<p>12</p>	<p><i>Completed</i></p>	
	<p style="text-align: center;">8</p>	<p>Study of counter ICs and designing Mod-N counters. a. Study of IC 7490, 7492, 7493 and designing mod-n counters using these. b. Designing mod-n counters using IC 7473 and 7400 (NAND gates)</p>				
	<p style="text-align: center;">9</p>	<p>Design of shift registers and shift register counters. a. Design serial – in serial – out, serial – in parallel – out, parallel – in serial – out, parallel – in parallel – out and bidirectional shift registers using IC 7474. b. Study of ID 7495. c. Implementation of digits using seven segment displays.</p>				



TOTAL: 878 = 36

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Name of Teacher :	Pranjalee Kurundkar
Subject :	Discrete Mathematics
Course, Class and Semester:	IT / FY / I
Division :	A and B
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	22
Aug	12
Sept	10
Oct	16
TOTAL	60

Month	Unit	Strategies Used	Planned	Taken	Remarks
Unit (1 to 5) :Allotted Lectures : 12					
Introduction: The Language of Sets					
July	I	Set Theory: Definitions and the Element Method of Proof, Properties of Sets, Disproofs. Algebraic Proofs, Boolean Algebras, Russell's Paradox and the Halting Problem	7	7	Completed
July	IV	Relations: Relations on Sets, Reflexivity, Symmetry, and Transitivity, Equivalence Relations, Partial Order Relations	5	5	Completed
July	III	Functions: Functions Defined on General Sets, One-to-One and Onto, Inverse Functions, Composition of Functions, Cardinality with	5	5	Completed
July and Aug	I & II	The Logic of Compound Statements: Logical Form and Logical Equivalence, Conditional Statements, Valid and Invalid Arguments	5+4	5+4	Completed
		II Quantified Statements: Predicates and Quantified Statements, Statements with Multiple Quantifiers, Arguments with Quantified Statements			
Aug	II	Elementary Number Theory and Methods of Proof: Introduction to Direct Proofs, Rational Numbers, Divisibility, Division into Cases and the Quotient-Remainder Theorem, Floor and Ceiling, Indirect Argument: Contradiction and Contraposition, Two Classical Theorems, Applications in algorithms	8	7	Completed



Sept	III	Sequences, Mathematical Induction, and Recursion: Sequences, Mathematical Induction. Strong Mathematical Induction and the Well-Ordering Principle for the Integers, Correctness of algorithms, defining sequences recursively, solving recurrence relations by iteration, Second order linear homogenous recurrence relations with constant coefficients, general recursive definitions and structural induction. Graphs and Trees: Definitions and Basic Properties, Trails, Paths, and Circuits, Matrix Representations of Graphs. Isomorphism's of Graphs, Trees, Rooted Trees, Isomorphism's of Graphs, Spanning trees and shortest paths.	Lecture Method, TPS	7	7	completed
Sept+oct	IV	Counting and Probability: Introduction, Possibility Trees and the Multiplication Rule, Possibility Trees and the Multiplication Rule, Counting Elements of Disjoint Sets: The Addition Rule, The Pigeonhole Principle, Counting Subsets of a Set: Combinations, r-Combinations with Repetition Allowed, Probability Axioms and Expected Value, Conditional Probability, Bayes' Formula, and Independent Events.	Lecture Method, TPS	3+4	2+4	completed
Oct	V		Lecture Method, TPS	12	12	completed

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Practical plan - 2019-20

Name of Teacher :	Pranjalee Kurundkar	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Discrete Mathematics	August	20	10	10
Course, Class and Semester:	IT / FY / I	September	20	10	10
Division/Batch :	A	October	20	10	10
Practicals Alloted for whole Se	90	TOTAL	60	30	30
Month	Practical No	Discrete Mathematics (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
July	1	Set Theory a. Inclusion Exclusion principle. b. Power Sets c. Mathematical Induction	9	8	Completed
July	2	Functions and Algorithms a. Recursively defined functions b. Cardinality c. Polynomial evaluation d. Greatest Common Divisor	9	7	Completed
August	3	Counting a. Sum rule principle b. Product rule principle c. Factorial d. Binomial coefficients e. Permutations f. Permutations with repetitions g. Combinations h. Combinations with repetitions i. Ordered partitions j. Unordered partitions	9	9	Completed
August	4	Probability Theory a. Sample space and events b. Finite probability spaces c. Equi probable spaces d. Addition Principle e. Conditional Probability f. Multiplication theorem for conditional probability g. Independent events h. Repeated trials with two outcomes	9	5	Completed
September	5	Graph Theory a. Paths and connectivity b. Minimum spanning tree c. Isomorphism	9	3	Completed
September	6	Directed Graphs a. Adjacency matrix b. Path matrix	9	6	Completed



September	7	Properties of integers a. Division algorithm b. Primes c. Euclidean algorithm d. Fundamental theorem of arithmetic e. Congruence relation f. Linear congruence equation	9	9	Completed
October	8	Algebraic Systems a. Properties of operations b. Roots of polynomials	9	9	Completed
October	9	Boolean Algebra a. Basic definitions in Boolean Algebra b. Boolean algebra as lattices	9	3	Completed
October	10	Recurrence relations a. Linear homogeneous recurrence relations with constant coefficients b. Solving linear homogeneous recurrence relations with constant coefficients c. Solving general homogeneous linear recurrence relations	9	8	Completed

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Name of Teacher :	Shilpa Nimbre
Subject :	Imperative Programming
Course,Class and Semester:	B.Sc.IT / FY / I
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	21
August	21
Septemeber	14
October	4
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 12 Introduction,Fundamentals,Operators and Expressions	Strategies Used	Planned	Taken	Remarks
July	<p>Introduction: Types of Programming languages, History, features and application. Simple program logic, program development cycle, pseudocode statements and flowchart symbols, sentinel value to end a program, programming and user environments, evolution of programming models., desirable program characteristics.</p> <p>Fundamentals: Structure of a program, Compilation and Execution of a Program, Character Set, identifiers and keywords, data types, constants, variables and arrays, declarations, expressions, statements, Variable definition, symbolic constants.</p> <p>Operators and Expressions: Arithmetic operators, unary operators, relational and logical operators, assignment operators, assignment operators, the conditional operator, library functions.</p>	discussion, focus on live examples, projector, Question and answer, MCQ	21	18	completed

Month	Syllabus Unit -2,3 Allotted Lectures :18 Data Input and output,Conditional Statements and Loops,functions	Strategies Used	Planned	Taken	Remarks
August	<p>Data Input and output:Single character input and output, entering input data, scanf function, printf function, gets and puts functions, interactive programming.</p> <p>Conditional Statements and Loops:Decision Making Within A Program, Conditions, Relational Operators, Logical Connectives, If Statement, If-Else Statement, Loops: While Loop, Do While, For Loop, Nested Loops, Infinite Loops, Switch Statement</p> <p>Functions:Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c functions, prototype of a function: fo l lal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.</p>	discussion, examples, projector, Question and answer, MCQ	21	18	completed



Month	Syllabus Unit -3,4 Allotted Lectures : 18	Strategies Used	Planned	Taken	Remarks
September	<p>Program structure,Preprocessor,Arrays</p> <p>Program structure:Storage classes, automatic variables, external variables, static variables,multifile programs, more library functions.</p> <p>Preprocessor: Features, #define and #include, Directives and Macros</p> <p>Arrays: Definition, processing, passing arrays to functions, multidimensional arrays, arrays and strings</p>	discussion, examples, projector, Question and answer, MCQ	14	10	completed

Month	Syllabus Unit -4,5 Allotted Lectures: 18	Strategies Used	Planned	Taken	Remarks
October	<p>Arrays,Pointers,Structures and Unions</p> <p>Pointers: Fundamentals, declarations, Pointers Address Operators, Pointer Type Declaration, Pointer Assignment, Pointer Initialization, Pointer Arithmetic, Functions and Pointers, Arrays And Pointers, Pointer Arrays, passing functions to other functions</p> <p>Structures and Unions: Structure Variables, Initialization, Structure Assignment, Nested Structure, Structures and Functions, Structures and Arrays: Arrays of Structures, Structures Containing Arrays, Unions, Structures and pointers.</p>	discussion of current concept, live examples, commercial videos, class test, group discussion	8	05	completed
TOTAL:			64		

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Name of Teacher :	Shilpa Nimbre	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Imperative Programming	July	24	12	12
Course, Class and Semes	IT / FY / I	August	24	9	15
Division/ Batch :	A	September	24	12	12
Practicals Alloted for whole Semester:					
Actual Lectures Taken :		TOTAL	72	33	39

Month	Practical No	Imperative programming	Planned	Taken	Remarks
July	1	Basic Programs:	12	10	<i>completed</i>
	2	Programs on variables:			
	3	Conditional statements and loops(basic)			

Month	Practical No	Planned	Taken	Remarks
August	4	12	10	completed
	5			
Conditional statements and loops/advance Programs on patterns:				

September	6	12	10	completed
	7			
	8			
Functions: Recursive functions Arrays				

October	9	6	4	completed
	10			
Pointers Structures and Unions				

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TEACHING PLAN 2019-2020

Name of Teacher :	Sreekala Nair
Subject :	Applied Mathematics
Course, Class and Semester :	IT / SY / III
Division :	
Lectures Alloted for whole Semester :	60
Actual Lectures Taken :	

Month	No of lectures Available
June	15
July	17
August	19
September	18
TOTAL	69

Month	Strategies Used	Planned	Taken	Remarks
June	<p>Matrices: Inverse, Rank, Cayley-Hamilton theorem, Linear Transformation Reduction of matrix, Eigen values and Eigen vectors, Similarity of matrices</p> <p>Complex Numbers: Complex number, Equality of complex numbers, Polar form of complex numbers, Polar form of $x+iy$ for different signs of x, y. Exponential form of complex numbers, Mathematical operation with complex numbers and their representation on Argand's Diagram, Circular functions of complex angles. Definition of hyperbolic function. Relations between circular and hyperbolic functions, Inverse hyperbolic functions, Differentiation and Integration, Graphs of the hyperbolic functions, Logarithms of complex quality, $j(=i)$ as an operator (Electrical circuits)</p>	15	12	Completed

Real life Examples, Think - Pair and Share method



Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
July	<p>Equation of the first order and of the first degree: Separation of variables, Equations homogeneous in x and y, Non-homogeneous linear equations, Exact differential Equation, Integrating Factor, Linear Equation and equation reducible to this form, Method of substitution.</p> <p>Differential equation of the first order of a degree higher than the first: Introduction, Solvable for p (or the method of factors), Solve for y, Solve for x, Clairaut's form of the equation, Methods of Substitution, Method of Substitution.</p> <p>Linear Differential Equations with Constant Coefficients: Equation $f(D)y = 0$, Different cases depending on the nature of the root of the equation $f(D) = 0$, Linear differential equation $f(D)y = X$, The complimentary Function, The inverse operator $1/f(D)$ X; and the symbolic expansion for the particular integral $1/f(D) X$; the general methods, Particular integral : Short methods, Particular integral : Other methods, Differential equations reducible to the linear differential equations with constant coefficients.</p>	<p>Think pair and share method, Problem solving</p>	15	19	Completed



Month	Syllabus Unit -3 Allotted Lectures :12 The Laplace Transform and Inverse	Strategies Used	Planned	Taken	Remarks
August	Introduction, Definition of the Laplace Transform, Table of Elementary Laplace Transforms, Theorems on Important Properties of Laplace Transformation, First Shifting Theorem, Second Shifting Theorem, The Convolution Theorem, Laplace Transform of an Integral, Laplace Transform of Derivatives. Inverse Laplace Transform: Shifting Theorem, Partial fraction Methods, Use of Convolution Theorem, Solution of Ordinary Linear Differential Equations with Constant Coefficients, Solution of Simultaneous Ordinary Differential Equations, Laplace Transformation of Special Function, Periodic Functions, Heaviside Unit Step Function, Dirac-delta Function(Unit Impulse Function).	Fig, chalks Board,	19	21	Completed
Month	Syllabus Unit -4 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
September	Multiple Integral Double integral, Change of the order of the integration, Double integral in polar coordinates, Triple integrals. Applications of integration: Areas, Volumes of solids. Syllabus Unit -5 Allotted Lectures :12 Beta and Gamma Function Definitions, properties, Duplication formula Syllabus Unit -5 Allotted Lectures :12 Differentiation under Integral Sign Error Function		18	18	Completed
Month	Syllabus Unit -5 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
October	Differentiation under Integral Sign Error Function				Completed 6 Sept
TOTAL:			48		



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Name of Teacher :	Archana Kshirsagar
Subject :	COMPUTER H/W
Course,Class and Semester:	IT / SY / III
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	64

Month	No of lectures Available
June	12
July	12
August	12
September	7
October	10
TOTAL	53

Month	Syllabus Unit -1 Allotted Lectures :12 Introduction, Physical Layer	Strategies Used	Planned	Taken	Remarks
June	<p>Introduction: Data communications, networks, network types, Internet history, standards and administration.</p> <p>Network Models: Protocol layering, TCP/IP protocol suite, The OSI model.</p> <p>Introduction to Physical layer: Data and signals, periodic analog signals, digital signals, transmission impairment, data rate limits, performance.</p> <p>Digital and Analog transmission: Digital-to-digital conversion, analog-to-digital conversion, transmission modes, digital-to-analog conversion, analog-to-analog conversion</p>	Discussion, BlackBoard, Real Time Cases	12	14	Completed



Month	Syllabus Unit -1 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
	Bandwidth Utilization: Multiplexing and Spectrum Spreading					
July	Multiplexing, Spread Spectrum Transmission media: Guided Media, Unguided Media Switching: Introduction, circuit switched networks, packet switching, structure of a switch. Introduction to the Data Link Layer: Link layer addressing, Data Link Layer Design Issues, Error detection and correction, block coding, cyclic codes, checksum, forward error correction, error		Discussion, BlackBoard, PPT	12	14	Completed with time supplement

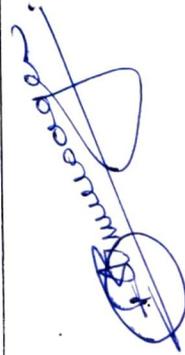
Month	Syllabus Unit -3 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
	Data link Controls and protocol					
August	DLC services, data link layer protocols, HDLC, Point-to-point protocol. Media Access Control: Random access, controlled access, channelization: Wired LANs – Ethernet Protocol, standard ethernet; fast ethernet, gigabit ethernet, 10 gigabit ethernet. Wireless LANs: Introduction, IEEE 802.11 project, Bluetooth, WiMAX, Cellular telephony, Satellite networks. Connecting devices and Virtual LANs		Discussion, BlackBoard, PPT	12	12	Completed



Month	Syllabus Unit -4 Allotted Lectures :12 Introduction to network layer		Strategies Used	Planned	Taken	Remarks
	Introduction to the Network Layer: Network layer services, packet switching, network layer performance, IPv4 addressing, forwarding of IP packets. Internet Protocol, ICMPv4, Mobile IP	Unicast Routing: Introduction, routing algorithms, unicast routing protocols.				
September	Next generation IP: IPv6 addressing, IPv6 protocol, ICMPv6 protocol, transition from IPv4 to IPv6.		Discussion, BlackBoard, PPT	12	12	Completed with 100% return
Month	Syllabus Unit -5 Allotted Lectures :12 Introduction to Transport layer		Strategies Used	Planned	Taken	Remarks
	Introduction to the Transport Layer: Introduction, Transport layer protocols (Simple protocol, Stop-and-wait protocol, Go-Back-n protocol, Selective repeat protocol, Bidirectional protocols), Transport 12 8 layer services, User datagram protocol, Transmission control protocol,	Standard ClientServer Protocols: World wide-web and HTTP, FTP, Electronic mail, Telnet, Secured Shell, Domain name system.				
October			Discussion, BlackBoard, PPT, Case Studies	12	12	Completed

TOTAL: 60

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Name of Teacher :	Archana Kshirsagar	Month	No. of Practicals Available	Batch
Subject :	Computer Networks	June	9	Batch 1/2
Course, Class and Semes	IT / TY / III	July	12	Batch 1/2
Division/ Batch :	A	August	12	Batch 1/2
Practicals Alloted for who	60	September	Nil	Nil
Actual Lectures Taken :	33	October	Nil	Nil
		TOTAL	33	

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remark
June	1	IPv4 Addressing and Subnetting	6	6	Completed
	2	Use of ping and tracer / traceroute, ipconfig / ifconfig, route and arp utilities.	3	3	



Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned		Taken	Remark
July	3	Configure IP static routing	3		3	Completed
	4	Configure IP routing using RIP	3		3	
	5	Configuring Simple OSPF.	3		3	
	6	Configuring DHCP server and client	3		3	

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned		Taken	Remark
August	8	Configuring DNS Server and client.	3		3	Completed
	9	Configuring OSPF with multiple areas.	6		6	
	10	Use of Wireshark to scan and check the packet information	3		3	

TOTAL: 33

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Name of Teacher :	Lalita Singh	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Mobile Programming	July	15	09	06
Course, Class and Semester :	IT / SY / III	August	15	06	09
Division/ Batch :	A	September	18	09	09
Practicals Alloted for whole	60	October	24	12	12
Actual Lectures Taken :		TOTAL	72	36	36

Month	Practical No	Mobile programming	Planned	Taken	Remarks
July	1	Setting up CORDOVA, PhoneGAP Project and environment. •Creating and building simple "Hello World" App using Cordova • Adding and Using Buttons • Adding and Using Event Listeners	9	09	Completed
	2	• Creating and Using Functions • Using Events • Handling and Using Back Button			



Month	Practical No	Planned	Taken	Remarks
August	3	9	09	Completed
	4			Completed

September	5	9	09	Completed
	6			Completed

October	7	9	09	Completed
	8			Completed

TOTAL: 36


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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI (E)

TEACHING PLAN 2019-20

SEMESTER: III	SUBJECT: DBMS	COURSE:	Information Technology
NAME OF TEACHER: Sandhya Pandey		CLASS:	S.Y. Bsc.I.T.

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
June	Unit I	Introduction to Databases and Transactions What is database system, purpose of database system, view of data, relational databases, database architecture, transaction management Data Models The importance of data models, Basic building blocks, Business rules, The evolution of data models, Degrees of data abstraction. Database Design, ER Diagram and Unified Modeling Language Database design and ER Model: overview, ER Model, Constraints, ER Diagrams, ERD Issues, weak entity sets, Codd's rules, Relational Schemas, Introduction to UML	E-Book, LMS and Lecture/Discussion	12	12	Completed	Saini



MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
June/July	Unit II	Relational database model: Logical view of data, keys, integrity rules, Relational Database design: features of good relational database design, atomic domain and Normalization (1NF, 2NF, 3NF, BCNF). Relational Algebra and Calculus Relational algebra: introduction, Selection and projection, set operations, renaming, Joins, Division, syntax, semantics. Operators, grouping and ungrouping, relational comparison. Calculus: Tuple relational calculus, Domain relational Calculus, calculus vs algebra, computational capabilities	E-Book, LMS and Lecture/Discussion	12	10	Completed	[Signature]
July	Unit III	Constraints, Views and SQL Constraints, types of constrains, Integrity constraints, Views: Introduction to views, data independence, security, updates on views, comparison between tables and views SQL: data definition, aggregate function, Null Values, nested sub queries, Joined relations. Triggers.	E-Book, LMS and Lecture/Discussion	12	10	Completed	
August	Unit IV	Transaction management and Concurrency Control Transaction management: ACID properties, serializability and concurrency control, Lock based concurrency control (2PL, Deadlocks), Time stamping methods, optimistic methods, database recovery management.	E-Book, LMS and Lecture/Discussion	12	10	Completed	



MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
September	Unit V	PL-SQL: Beginning with PL / SQL, identifiers and Keywords, Operators, Expressions, Sequences, Control Structures, Cursors and Transaction, Collections and composite data types, Procedures and Functions, Exceptions Handling, Packages, With Clause and Hierarchical Retrieval, Triggers.	E-Book, LMS and Lecture/Discussion	12	08	Completed	Sour
				60	56		

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Month	No of lectures Available
June	12
July	12
August	12
September	12
TOTAL	48

Name of Teacher :	S. Sai Sree
Subject :	Python Programming
Course, Class and Semester:	IT / SY / III
Division :	A
Lectures Alloted for whole Semester:	48
Actual Lectures Taken :	

Month	Syllabus Unit -1 Allotted Lectures : 12 Python Programming	Strategies Used	Planned	Taken	Remarks
June	Introduction to python programming- variables and expressions, Conditional Statements, looping, control statements	Moodle, Lectring and demonstration method, Group discussion	12	11	Completed
Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
July	Functions & Strings :- String is a sequence, traversal for a for loop, string slices, fruitful functions and void functions	Moodle, Lectring and demonstration method, Group discussion, class tests	12	12	Completed



Name of Teacher :	S. Sai Sree
Subject :	Python Programming
Course, Class and Semester:	IT / SY / III
Division :	A
Lectures Allotted for whole Semester:	48
Actual Lectures Taken :	

Month	No of lectures Available
June	12
July	12
August	12
September	12
TOTAL	48

Month	Syllabus Unit -1 Allotted Lectures : 12 Python Programming	Strategies Used	Planned	Taken	Remarks
June	Introduction to python programming- variables and expressions, Conditional Statements, looping, control statements	Moodle, Lectring and demonstration method, Group discussion	12	11	Completed
Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
July	Functions & Strings :- Siring is a sequence, traversal for a for loop, string slices, fruitful functions and void functions	Moodle, Lectring and demonstration method, Group discussion, class tests	12	12	Completed



Month	Syllabus Unit -3 Alloted Lectures : 12	Strategies Used	Planned	Taken	Remarks
August	List, Tuples, Dictionaries and files :- text files, the file object attributes, creating a dictionary, updating dictionary, deleting elements from dictionary, iteration, built in tuple functions	Moodle, Lectring and demonstration method, Group discussion, class test	7	7	Completed
Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
September	Exceptions, regular expressions, class and objects, modules, concept of regular expressions, various types of regular expressions, importing module, creating and exploring modules, math module, random module, time module. creating the GUI forms and adding widgets: - wogdets - buttons, canvas checkbutton, entry Layout management, lookd and feel customization - enhancing look and feel of GUI using different appearances of widgets Storing data in our mysql database via our GUI: Connecting to sql, using insert delete update command and storing and retrieving data from mysql	Moodle, Lectring and demonstration method, Group discussion, class test	16	15	Completed
September - Oct		Moodle, Lectring and demonstration method, Group discussion, class test	12	12	Completed

TOTAL: 48

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Name of Teacher :	S. Sai Sree	Month	Practicals Available	Batch A	Batch B
Subject :	Python Programmin	January	1	3	3
Course, Class and Seme	IT / SY / III	February	4	12	12
Division/ Batch. :	A	March	5	15	15
Practicals Alloted for wh	30	TOTAL	10	30	30

Actual Lectures Taken :	Python Programming Batch 2 practicals are allotted) (per	Planned	Taken	Remarks	
Month	Python Programming Batch 2 practicals are allotted) (per				
July	Practical No				
	1	Enter the number from the user and depending on whether the number is even or odd, print out an appropriate message to the user. Write a function to check the input value is Armstrong and also write the function for Palindrome. Write a recursive function to print the factorial for a given number.	9	8	Completed
Month	Practical No				
	2	Write a function that takes a character (i.e. a string of length 1) and returns True if it is a vowel, False otherwise. Define a function that computes the length of a given list or string.			
August	Practical No				
	4	A pangram is a sentence that contains all the letters of the English alphabet at least once; for example: The quick brown fox jumps over the lazy dog. Your task here is to write a function to check a sentence to see if it is a pangram or not.	9	9	Completed
	5	Write a Python program to sum all the items in a dictionary.			
	6	Write a Python program to read an entire text file.			



Month	Practical No	Planned	Taken	Remarks
September	7			Create a class called Numbers, which has a single class attribute called MULTIPLIER, and a constructor which takes the parameters x and y (these should all be numbers).
	8	9	8	Open a new file in IDLE ("New Window" in the "File" menu) and save it as geometry.py in the directory where you keep the files you create for this course. Then copy the functions you wrote for calculating volumes and areas in the "Control Flow and Functions" exercise into this file and save it.
	9			Try to change the widget type and configuration options to experiment with other widget types like Message, Button, Entry, Checkbutton, Radiobutton, Scale etc.
Month	Practical No	Planned	Taken	Remarks
October	10	3	3	Design a database application to that allows the user to add, delete and modify the records.

TOTAL:

30

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Name of Teacher :	Archana Kshirsagar	Month	No. of Practicals Available	Batch
Subject :	Next Generation Technology	June	9	Batch 1/2
Course, Class and Semes	IT / TY / V	July	12	Batch 1/2
Division/Batch :		August	12	Batch 1/2
Practicals Alloted for who	60	September	Nil	Nil
Actual Lectures Taken :		October	Nil	Nil
TOTAL			33	

Month	Practical No	Practical Name	Planned	Taken	Remark
June	1	MongoDB Basics	3	3	Completed
	2	Simple Queries with MongoDB	3	3	
	3	Implementing Aggregation	3	3	



SIAMonth	Practical No	Practical Name	Planned	Taken	Remark
July	4	Implementing Aggregation	3	3	Completed
	5	Replication, Backup and Restore	3	3	
	6	Java and MongoDB	3	3	
	7	PHP and MongoDB	3	3	

Month	Practical No	Practical Name	Planned	Taken	Remark
August	8	Programs on Basic jQuery	3	3	Completed
	9	jQuery Advanced	3	3	
	10	JSON	3	3	
	11	Create a JSON file and import it to MongoDB	3	3	

TOTAL: 33

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Name of Teacher :	Archana Kshirsagar
Subject :	Next Generation Technology
Course, Class and Semester:	IT / TY / V
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
June	20
July	20
August	22
September	15
TOTAL	77

Month	Syllabus Unit -1 Allotted Lectures :12 Big data, NoSQL, MONGODB	Strategies Used	Planned	Taken	Remarks
June	<p>Big Data: Getting Started, Big Data, Facts About Big Data, Big Data Sources, Three Vs of Big Data, Volume, Variety, Velocity, Usage of Big Data, Visibility, Discover and Analyze Information, Segmentation and Customizations, Aiding Decision Making, Innovation, Big Data Challenges, Policies and Procedures, Access to Data, Technology and Techniques, Legacy Systems and Big Data, Structure of Big Data, Data Storage, Data Processing, Big Data Technologies</p> <p>NoSQL: SQL, NoSQL, Definition, A Brief History of NoSQL, ACID vs. BASE, CAP Theorem (Brewer's Theorem), The BASE, NoSQL Advantages and Disadvantages, Advantages of NoSQL, Disadvantages of NoSQL, SQL vs. NoSQL Databases, Categories of NoSQL Databases</p> <p>Introducing MongoDB: History, MongoDB Design Philosophy, Speed, Scalability, and Agility, Non-Relational Approach, JSON-Based Document Store, Performance vs Features; Running the Database Anywhere, SQL Comparison</p>	<p>Discussion, BlackBoard, Real Time Examples</p>	12	13	<p>Completed</p> <p>13 months</p> <p>10 feedback</p>



Month	Syllabus Unit -1 Allotted Lectures :12 MongoDB shell, Architecture	Strategies Used	Planned	Taken	Remarks
July	<p>The MongoDB Data Model: The Data Model, JSON and BSON, The Identifier (_id), Capped Collection, Polymorphic Schemas, Object Oriented Programming, Schema Evolution</p> <p>Using MongoDB Shell: Basic Querying, Create and Insert, Explicitly Creating Collections, Inserting Documents Using Loop, Inserting by Explicitly Specifying _id, Update, Delete, Read, Using Indexes, Stepping Beyond the Basics, Using Conditional Operators, Regular Expressions, MapReduce, aggregate(), Designing an Application's Data Model, Relational Data Modeling and Normalization, MongoDB Document Data Model Approach</p> <p>MongoDB Architecture: Core 12</p> <p>Processes, mongod, mongo, mongos, MongoDB Tools, Standalone Deployment, Replication, Master/Slave Replication, Replica Set, Implementing Advanced Clustering with Replica Sets, Sharding, Sharding Components, Data Distribution Process, Data Balancing Process, Operations, Implementing Sharding, Controlling Collection Distribution (Tag-Based Sharding), Points to Remember When Importing Data in a Sharded Environment, Monitoring for Sharding, Monitoring the Config Servers, Production Cluster Architecture, Scenario 1., Scenario 2., Scenario 3., Scenario 4</p>	Discussion, BlackBoard, PPT	15	14	completed



Month	Syllabus Unit -3 Allotted Lectures :12 MongoDB Storage Engine, Limitations and Best practices	Strategies Used	Planned	Taken	Remarks
August	<p>MongoDB Storage Engine: Data Storage Engine, Data File (Relevant for MMAPv1), Namespace (ns File), Data File (Relevant for WiredTiger), Reads and Writes, How Data Is Written Using Journaling, GridFS – The MongoDB File System, The Rationale of GridFS, GridFS under the Hood, Using GridFS, Indexing, Types of Indexes, Behaviors and Limitations</p> <p>MongoDB Use Cases: Use Case 1 -Performance Monitoring, Schema Design, Operations, Sharding, Managing the Data, Use Case 2 – Social Networking, Schema Design, Operations, Sharding</p> <p>MongoDB Limitations: MongoDB Space Is Too Large (Applicable for MMAPv1), Memory Issues (Applicable for Storage Engine MMAPv1), 32-bit vs. 64-bit, BSON Documents, Namespaces Limits, Indexes Limit, Capped Collections Limit - Maximum Number of Documents in a Capped Collection, Sharding Limitations, Shard Early to Avoid Any Issues, Shard Key Can't Be Updated, Shard Collection Limit, Select the Correct Shard Key, Security Limitations, No Authentication by Default, Traffic to and from MongoDB Isn't Encrypted, Write and Read Limitations, Case-Sensitive Queries, Type-Sensitive Fields, No JOIN, Transactions, MongoDB Not Applicable Range</p> <p>MongoDB Best Practices: Deployment, Hardware Suggestions from the MongoDB Site, Few Points to be Noted, Coding, Application Response Time Optimization, Data Safety, Administration, Replication Lag, Sharding, Monitoring</p>	Discussion, BlackBoard, PPT	13	13	completed



Month	Syllabus Unit -4 Allotted Lectures :12 In-Memory Database, Jquery	Planned	Taken	Remarks
	The End of Disk? SSD and In-Memory Databases: The End of Disk?, Solid State Disk, The Economics of Disk, SSD-Enabled Databases, In-Memory Databases, TimesTen, Redis, SAP HANA, VoltDB, Oracle 12c "in-Memory Database, Berkeley Analytics Data Stack and Spark, Spark Architecture	9	9	Completed

Month	Syllabus Unit -4 Allotted Lectures :12 In-Memory Database, Jquery	Planned	Taken	Remarks
September	JQuery: Introduction, Traversing the DOM, DOM Manipulation with jQuery, Events, Ajax with jQuery, jQuery Plug-ins, jQuery Image Slider	4	4	Completed
	Syllabus Unit -5 Allotted Lectures :12 JSON: Introduction, JSON Grammar, JSON Values, JSON Tokens, Syntax, JSON vs XML, Data Types, Objects, Arrays, Creating JSON, 12 JSON Object, Parsing JSON, Persisting JSON, Data Interchange, JSON PHP, JSON HTML, JSONP	12	12	Completed

TOTAL: 65

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TY B.Sc. Theory & Pr

Name of Teacher :	Lalita Singh
Subject :	Software Project Management
Course, Class and Semester:	IT / TY / 5
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	60

Month	No of lectures Available
June	14
July	20
August	15
September	11
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Introduction to software project management				
JUNE	<p>Introduction to Software Project Management: Introduction, Why is Software Project Management Important? What is a Project? Software Projects versus Other Types of Project, Contract Management and Technical Project Management, Activities Covered by Software Project Management, Plans, Methods and Methodologies, Some Ways of Categorizing Software Projects, Project Charter, Stakeholders, Setting Objectives, The Business Case, Project Success and Failure, What is Management? Management Control, Project Management Life Cycle, Traditional versus Modern Project Management Practices, Project Evaluation and Programme Management: Introduction, Business Case, Project Portfolio Management, Evaluation of Individual Projects. Cost-benefit, Evaluation Techniques. Risk Evaluation, Programme Management, Managing the Allocation of Resources within Programmes, Strategic Programme Management, Creating a Programme, Aids to Programme Management, Some Reservations about Programme Management, Benefits Management. An Overview of Project Planning: Introduction to Step Wise Project Planning, Step 0: Select Project, Step 1: Identify Project Scope and Objectives, Step 2: Identify Project Infrastructure, Step 3: Analyse Project Characteristics.</p>	<p>discussion of current concept, group discussion, writing practice</p>	12	14	Completed

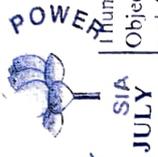


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Step 4: Identify Project Products and Activities, Step 5: Estimate Effort for Each Activity, Step 6: Identify Activity Risks, Step 7: Allocate Resources, Step 8: Review/Publicize Plan, Steps 9 and 10: Execute Plan/Lower Levels of Planning.

Month	Syllabus Unit -2 & 3 Allotted Lectures :24	Selection of an Appropriate Project Approach:	Activity	Strategies Used	Planned	Taken	Remarks
		<p>Selection of an Appropriate Project Approach: Introduction, Build or Buy? Choosing Methodologies and Technologies, Software Processes and Process Models, Choice of Process Models, Structure versus Speed of Delivery. The Waterfall Model, The Spiral Model, Software Prototyping, Other Ways of Categorizing Prototypes, Incremental Delivery, Atern/Dynamic Systems Development Method, Rapid Application Development, Agile Methods, Extreme Programming (XP), Scrum, Lean Software Development, Managing Iterative Processes, Selecting the Most Appropriate Process Model. Software Effort Estimation: Introduction, Where are the Estimates Done? Problems with Over- and Under-Estimates, The Basis for Software Estimating, Software Effort Estimation Techniques, Bottomup Estimating, The Top-down Approach and Parametric Models, Expert Judgement, Estimating by Analogy, Albrecht Function Point 12 6 Analysis, Function Points Mark II, COSMIC Full Function Points, COCOMO II: A Parametric Productivity Model, Cost Estimation, Staffing Pattern, Effect of Schedule Compression, Capers Jones Estimating Rules of</p>					Completed





Objectives of Activity Planning. When to Plan, Project Schedules, Projects and Activities, Sequencing and Scheduling Activities, Network Planning Models, Formulating a Network Model, Adding the Time Dimension, The Forward Pass, Backward Pass, Identifying the Critical Path, Activity Float, Shortening the Project Duration, Identifying Critical Activities, Activity-on-Arrow Networks. **Risk Management:** Introduction, Risk, Categories of Risk, Risk Management Approaches, A Framework for Dealing with Risk, Risk Identification, Risk Assessment, Risk Planning, Risk Management, Evaluating Risks to the Schedule, Boehm's Top 10 Risks and Counter Measures, Applying the PERT Technique, Monte Carlo Simulation, Critical Chain Concepts, Resource Allocation: Introduction, Nature of Resources, Identifying Resource Requirements, Scheduling Resources, Creating Critical Paths, Counting the Cost, Being Specific, Publishing the Resource Schedule, Cost Schedules, Scheduling Sequence

discussion of current concept, group discussion, writing practice

Completed

20

24

Syllabus Unit -4, Allotted Lectures :12

Monitoring and Control:

Monitoring and Control: Introduction, Creating the Framework, Collecting the Data, Review, Visualizing Progress, Cost Monitoring, Earned Value Analysis, Prioritizing Monitoring, Getting the Project Back to Target, Change Control, Software Configuration Management (SCM), Managing Contracts: Introduction, Types of Contract; Stages in Contract Placement, Typical Terms of a Contract, Contract Management, Acceptance, Managing People in Software Environments: Introduction, Understanding Behaviour, Organizational Behaviour: A Background, Selecting the Right Person for the Job, Instruction in the Best Methods, Motivation, The Oldham-Hackman Job Characteristics Model, Stress, Stress Management, Health and Safety, Some Ethical and Professional Concerns.

Strategies Used

discussion of current, class test, assignments

Completed

15

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Month	Syllabus Unit -5, Alloted Lectures:12				Remarks
	Working in Teams:	Strategies Used	Planned	Taken	
September	<p>Working in Teams: Introduction. Becoming a Team, Decision Making, Organization and Team Structures, Coordination Dependencies. Dispersed and Virtual Teams. Communication Genres, Communication Plans. Leadership. Software Quality : Introduction. The Place of Software Quality in Project Planning. Importance of Software Quality, Defining Software Quality, Software Quality Models. ISO 9126. Product and Process Metrics, Product versus Process Quality Management, Quality Management Systems, Process Capability Models, Techniques to Help Enhance Software Quality, Testing, Software Reliability, Quality Plans. Project Closeout: Introduction, Reasons for Project Closure, Project Closure Process, Performing a Financial Closure. Project Closeout Report.</p>	<p>discussion of current concept, class test, group discussion</p>	12	11	Completed

TOTAL: 60

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Name of Teacher :	Lalita Singh	Month		No. of Practicals Available		Batch A		Batch B	
Subject :	Software Project Management	July		30		15		15	
Course, Class and Semes	IT / TY / V	August		18		9		9	
Division/ Batch :	A	September		24		12		12	
Practicals Allotted for who	60	TOTAL		72		36		36	
Actual Lectures Taken :									

Month	Practical No	Project Dissertation	Planned	Taken	Remarks
July		Title Page Original Copy of the Approved Proforma of the Project Proposal Certificate of Authenticated work, Role and Responsibility Form, Acknowledgements, Table of Contents, Table of Figures, Chapter 1: Introduction Background Objectives Purpose	15	15	Completed



SIAMonth	Practical No	Project Dissertation	Planned	Taken	Remarks
August		Scope Applicability Organisation of Report Chapter 2: Survey of Technologies Existing System Proposed System Chapter 3: Requirements and Analysis Problem Definition Requirements Specification: Planning and Scheduling:	9	9	Completed
September		Hardware Requirement: Software Requirements: Conceptual Models: Chapter 4: System Design Basic Modules: Data Dictionary E-R Diagrams DFD Diagrams Sequence Diagram Usecase Diagram Activity Diagram	12	12	Completed

TOTAL: 36


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**THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E)
TEACHING PLAN 2019-2020**

Name of Teacher :	Sandhya Thakkar	Month	No of	Batch B
Subject :	Business Intelligence	June	5	
Course, Class and S	IT / TY / VI	July	25	
Division :		August	20	
Lectures Alloted for	60	September	15	
Actual Lectures Taken :		TOTAL	65	

SEMESTER:	V	SUBJECT: Enterprise Java	COURSE:	IT
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN
				REVIEWED BY
June	Unit - I :	What is java enterprise edition? Java EE Technologies, Java EE evolution, Glassfish server Java EE Architecture, Server and Containers: Types of System Architecture, Java EE Server, Java EE Containers. Introduction to Java Servlets: The Need for Dynamic Content, Java Servlet Technology, Why Servlets? What can Servlets do? Servlet API and Lifecycle: Java Servlet API, The Servlet Skeleton,	10	Completed
June	Unit II :	Request Dispatcher: RequestDispatcher Interface, Methods of RequestDispatcher, RequestDispatcher Application. COOKIES: Kinds of Cookies, Where Cookies are Used? Creating Cookies Using Servlet, Dynamically Changing The Colors of A Page SESSION: What are Sessions? Lifecycle of HttpSession, Session Tracking With Servlet API, A Servlet Session Example Working With Files: Uploading Files, Creating an Upload File Application, Downloading Files,	10	Completed

July	Unit - II :	<p>ServerPages? DisadvantagesOfJSP, JSP\Servlets, LifeCycleofaJSPPage, HowdoesJSPfunction? HowdoesJSPexecute? AboutJava ServerPages Getting Started With Java ServerPages: Comments, JSPDocument,</p>	10	Completed
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TEACHING PLAN 2019-2020

SEMESTER:	V	SUBJECT:Enterprise Java	COURSE:	IT
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT
MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES PLANNED	REVIEWED BY
July	Unit - III :	<p>Passingparametersfromactions, Loadingajavabean. Implicit Objects, ScopeAnd ElExpressions: ImplicitObjects, CharacterQuotingConventions, UnifiedExpressionLanguage[UnifiedEl], ExpressionLanguage. Java Server Pages Standard Tag Libraries: WhatisuraminusingJSPScriptletTags?</p>	10	Completed

August	Unit IV :	<p>Introduction To EnterpriseJavaBeans: EnterpriseBeanArchitecture, BenefitsofEnterpriseBean, TypesofEnterpriseBean, AccessingEnterpriseBeans, EnterpriseBeanApplication, PackagingEnterpriseBeans Working With Session Beans: WhentouseSessionBeans? TypesofSessionBeans, RemoteandLocalInterfaces, AccessingInterfaces, LifecycleofEnterpriseBeans, PackagingEnterpriseBeans, Example of SatefulSessionBean, Example ofStatelessSessionBean, Example of SingletonSessionBeans.</p>	10	Completed
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August	Unit - IV :	Lifecycle of a Message Driven Bean, Use of Message Driven Beans, The Message Driven Beans Example. Interceptors: Request And Interceptor, Defining An Interceptor, Around Invoke Method, Applying Interceptor, Adding An	10	Completed
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TEACHING PLAN 2019-2020

SEMESTER:	NAME OF TEACHER:	SUBJECT: Enterprise Java	COURSE:		REVIEWED BY
			CLASS:	IT TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	
September	Unit - V :	<p>Persistence, Object/Relational Mapping And JPA:</p> <p>What is Persistence? Persistence in Java, Current Persistence Standards in Java, Why another Persistence Standards? Object/Relational Mapping, Introduction to Java Persistence API: The Java Persistence API, JPA, ORM Database and the Application</p>	10		Completed
September	Unit V :	<p>Introduction to Hibernate: What is Hibernate? Why Hibernate? Hibernate, Database and The Application, Components of Hibernate, Architecture of Hibernate, How Hibernate Works? Writing Hibernate Application: Application Requirement Specifications, Software Requirements, The Application Development Approach, Creating Database and Tables in MySQL, Creating a Web Application, Adding The Required Library Files, Creating a Java Bean Class, Creating Hibernate Configuration File, Adding a Mapping Class.</p>	10		Completed

Subject Teacher *Sandhya Thakkar*

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Name of Teacher :	Tejaswini Shivsharan
Subject :	Internet of Things
Course, Class and Semester:	IT / TY / V
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
June	
July	
August	
September	
TOTAL	

Month	Syllabus Unit -1 Allotted Lectures : 12		Planned	Taken	Remarks
	Strategies Used	Internet of Things			
June	<p>The Internet of Things: An Overview : The Flavour of the Internet of Things, The "Internet" of "Things", The Technology of the Internet of Things, Enchanted Objects, Who is Making the Internet of Things? Design Principles for Connected Devices: Calm and Ambient Technology, Magic as Metaphor, Privacy, Keeping Secrets, Whose Data Is It Anyway? Web Thinking for Connected Devices, Small Pieces, Loosely Joined, First-Class Citizens On The Internet, Graceful Degradation, Affordances. Internet Principles: Internet Communications: An Overview, IP, TCP, The IP Protocol Suite (TCP/IP), UDP, IP Addresses, DNS, Static IP Address Assignment, Dynamic IP Address Assignment, IPv6, MAC Addresses, TCP and UDP Ports, An Example: HTTP Ports, Other Common Ports, Application Layer Protocols, HTTP, HTTPS: Encrypted HTTP, Other Application Layer Protocols.</p>	Moodle, Lectring and demonstration method, Group discussion	12	9.2	Completed





Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
July	<p>Prototyping the Physical Design: Preparation, Sketch, Iterate, and Explore. Nondigital Methods, Laser Cutting. Choosing a Laser Cutter. Software, Hinges and Joints, 3D Printing, Types of 3D Printing, Software, CNC Milling, Repurposing/Recycling. Chapter 7: Prototyping Online Components: Getting Started with an API, Mashing Up APIs, Scraping, Legalities, Writing a New API, Clockodillo, Security, Implementing the API, Using Curl to Test, Going Further, Real-Time Reactions, Polling, Comet, Other Protocols, MQ Telemetry Transport, Extensible Messaging and Presence Protocol, Constrained Application Protocol.</p>	<p>Moodle, Lectring and demonstration method. Group discussion, class tests</p>	12	10	completed

Month	Syllabus Unit -3 Alloted Lectures : 12	Strategies Used	Planned	Taken	Remarks
August	<p>Techniques for Writing Embedded Code: Memory Management, Types of Memory, Making the Most of Your RAM, Performance and Battery Life, Libraries, Debugging, Business Models: A Short History of Business Models, Space and Time, From Craft to Mass Production, The Long Tail of the Internet, Learning from History, The Business Model Canvas, Who Is the Business Model For? Models, Make Thing, Sell Thing, Subscriptions, Customisation, Be a Key Resource, Provide Infrastructure: Sensor Networks, Take a Percentage, Funding an Internet of Things Startup, Hobby Projects and Open Source, Venture Capital, Government Funding, Crowdfunding, Lean Startups.</p>	<p>Moodle, Lectring and demonstration method, Group discussion, class test</p>	12	10	completed



Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
September	<p>Designing Printed Circuit Boards, Software Choices, The Design Process, Manufacturing Printed Circuit Boards, Etching Boards, Milling Boards. Assembly, Testing, Mass-Producing the Case and Other Fixtures, Certification, Costs, Scaling Up Software, Deployment, Correctness and Maintainability, Security, Performance, User Community. Ethics: Characterizing the Internet of Things, Privacy, Control, Disrupting Control, Crowdsourcing, Environment, Physical Thing, Electronics, Internet Service, Solutions, The Internet of Things as Part of the Solution, Cautious Optimism, The Open Internet of Things Definition.</p>	Moodle, Lectring and demonstration method, Group discussion, class test	12	OS	Completed

Month	Syllabus Unit -5 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
September	<p>Moving to Manufacture: What Are You Producing? Designing Kits, Designing Printed circuit boards, Software Choices, The Design Process, Manufacturing Printed Circuit Boards, Etching Boards, Milling Boards. Assembly, Testing, Mass-Producing the Case and Other Fixtures, Certification, Costs, Scaling Up Software, Deployment, Correctness and Maintainability, Security, Performance, User Community. Ethics: Characterizing the Internet of Things, Privacy, Control, Disrupting Control, Crowdsourcing, Environment, Physical Thing, Electronics, Internet Service, Solutions, The Internet of Things as Part of the Solution, Cautious Optimism, The Open Internet of Things Definition.</p>	Moodle, Lectring and demonstration method, Group discussion, class test	12	OS	Completed

TOTAL: 6042

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Name of Teacher :	Tejaswini Shivsharan	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Internet of Things	July		06	06
Course, Class and Semester :	IT / TY / V	August		09	09
Division/Batch :	A	September		08	08
Practicals Allotted for whole semester :	60	TOTAL		25	25
Actual Lectures Taken :					

Month	Practical No	(per Batch 3 practicals are allotted)	Planned	Taken	Remarks
August	1	Starting Raspbian OS, Familiarising with Raspberry Pi Components and interface, Connecting to ethernet, Monitor, USB.	15	02	Completed
	2	Displaying different LED patterns with Raspberry Pi.		02	Completed
	3	Raspberry Pi Based Oscilloscope		02	Completed



4	Setting up Wireless Access Point using Raspberry Pi	02	Completed
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Month	Practical No	MPA(per Batch 3 practicals are allotted)	Planned	Taken	Remarks
September	4	Fingerprint Sensor interfacing with Raspberry Pi	9	09	Completed
	5	GPS Module Interfacing			
October	6	IoT based Web Controlled Home	12	08	Completed
	7	Visitor Monitoring with Raspberry Pi and			
	8	Displaying Time over 4-Digit 7-Segment			
	9	Controlling Raspberry Pi with WhatsApp.			

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TOTAL: 36 25

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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E)

TEACHING PLAN 2019-20

SEMESTER: V		SUBJECT: Advance Web Programming		COURSE: Information Technology			
NAME OF TEACHER: Sandhya Pandey				T.Y. Bsc I.T.			
MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES PLANNED	NO. OF LECTURES TAKEN	REMARKS	REVIEWED BY
June	Unit I	<p>Introducing .NET: The .NET Framework, C#, VB, and the .NET Languages, The Common Language Runtime, The .NET Class Library. The C# Language: C# Language Basics, Variables and Data Types, Variable Operations, Object-Based Manipulation, Conditional Logic, Loops, Methods. Types, Objects, and Namespaces: The Basics About Classes, Building a Basic Class, Value Types and Reference Types, Understanding Namespaces and Assemblies, Advanced Class Programming.</p>	E-Book, LMS and Lecture/Discussion	12	10	Completed	Sain



MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES PLANNED	NO. OF LECTURES TAKEN	REMARKS	REVIEWED BY
July	Unit II	<p>Web Form Fundamentals: Writing Code, Using the Code-Behind Class, Adding Event Handlers, Understanding the Anatomy of an ASP.NET Application, Introducing Server Controls, Using the Page Class, Using Application Events, Configuring an ASP.NET Application. Form Controls: Stepping Up to Web Controls, Web Control Classes, List Controls, Table Controls, Web Control Events and AutoPostBack, Validation, Understanding Validation, Using the Validation Controls, Rich Controls, The Calendar, The AdRotator, Pages with Multiple Views, User Controls and Graphics, User Controls, Dynamic Graphics, The Chart Control, Website Navigation: Site Maps, URL Mapping and Routing, The SiteMapPath Control, The TreeView Control, The Menu Control.</p>	E-Book, LMS and Lecture/Discussion	12	10	Completed	sgns
July	Unit III	<p>Error Handling, Logging, and Tracing: Avoiding Common Errors, Understanding Exception Handling, Handling Exceptions, Throwing Your Own Exceptions, Using Page Tracing State Management: Understanding the Problem of State, Using View State, Transferring Information Between Pages, Using Cookies, Managing Session State, Configuring Session State, Using Application State, Comparing State Management Options Styles, Themes, and Master Pages: Styles, Themes, Master Page Basics, Advanced Master Pages</p>	E-Book, LMS and Lecture/Discussion	12	10	Completed	



MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
July/August	Unit IV	ADO.NET Fundamentals: Understanding Databases, Configuring Your Database, Understanding SQL Basics, Understanding the Data Provider Model, Using Direct Data Access, Using Disconnected Data Access. Data Binding: Introducing Data Binding, Using Single-Value Data Binding, Using Repeated-Value Data Binding, Working with Data Source Controls. The Data Controls: The GridView, Formatting the GridView, selecting a GridView Row, Editing with the GridView, Sorting and Paging the GridView, Using GridView Templates, The DetailsView and FormView	E-Book, LMS and Lecture/Discussion	12	10	Completed	<i>Sant</i>
August/September	Unit V	XML: XML Explained, The XML Classes, XML Validation, XML Display and Transforms. Security Fundamentals: Understanding Security Requirements, Authentication and Authorization, Forms Authentication, Windows Authentication. ASP.NET AJAX: Understanding Ajax, Using Partial Refreshes, Using Progress Notification, Implementing Timed Refreshes, Working with the ASP.NET AJAX Control Toolkit.	E-Book, LMS and Lecture/Discussion	12	10	Completed	

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Name of Teacher :		S. Sai Sree		Month		Practicals Available		Batch A		Batch B	
Subject :		Artificial Intelligence		July		2		9		9	
Course, Class and Semester :		T / TY / V		August		3		9		9	
Division / Batch :		A		September		3		9		9	
Practicals Allotted for which :		30		October		2		6		6	
Actual Lectures Taken :		30		Total		10		30		30	

Month	Practical No	Artificial Intelligence (per Batch 2 practicals are allotted)	Planned	Taken	Remarks
July	1	Write a program to implement depth first search algorithm. Write a program to implement breadth first search algorithm.	9	9	Completed
	2	Write a program to simulate 4-Queen / N-Queen problem. Write a program to solve tower of Hanoi problem.			
August	3	Write a program to implement alpha beta search. Write a program for Hill climbing problem.			
	4	Write a program to implement A* algorithm. Write a program to implement AO* algorithm.	9	9	Completed
	5	Write a program to solve water jug problem. Design the simulation of tic - toe game using min-max algorithm.			
September	6	Write a program to solve Missionaries and Cannibals problem. Design an application to simulate number puzzle problem.			
	7	Write a program to shuffle Deck of cards. Solve traveling salesman problem using artificial intelligence technique	9	9	Completed
	8	Solve the block of World problem. Solve constraint satisfaction problem			



Month	Practical No	Planned	Taken	Remarks
October	9			Derive the expressions based on Associative law Derive the expressions based on Distributive law
October	10	6	6	Write a program to derive the predicate. (for e.g.: Sachin is batsman , batsman is cricketer) - > Sachin is Cricketer Write a program which contains three predicates: male, female, parent. Make rules for following family relations: father, mother, grandfather, grandmother, brother, sister, uncle, aunt, nephew and niece, cousin. Question: i. Draw Family Tree. ii. Define: Clauses, Facts, Predicates and Rules with conjunction and disjunction
		30	30	Completed

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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E)

TEACHING PLAN 2019-20

SEMESTER:	V	SUBJECT: Advance Web Programming(Practical)	COURSE:	Information Technology
NAME OF TEACHER:	Sandhya Pandey		CLASS:	T.Y. Bsc I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
July	Practical 1	Working with basic C# and ASP .NET a. Create an application that obtains four int values from the user and displays the product. b. Create an application to demonstrate string operations. c. Create an application that receives the (Student Id, Student Name, Course Name, Date of Birth) information from a set of students. The application should also display the information of all the students once the data entered. d. Create an application to demonstrate following operations i. Generate Fibonacci series. ii. Test for prime numbers. iii. Test for vowels. iv. Use of foreach loop with arrays v. Reverse a number and find sum of digits of a number.	6	6	Completed	Sanj



MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
AUGUST/September	Practical 2	Working with Object Oriented C# and ASP .NET: Create simple application to perform following operations i. Finding factorial Value ii. Money Conversion iii. Quadratic Equation iv. Temperature Conversion b. Create simple application to demonstrate use of following concepts i. Function Overloading ii. Inheritance (all types) iii. Constructor overloading iv. Interfaces c. Create simple application to demonstrate use of following concepts i. Using Delegates and events ii. Exception handling	3	3	Completed	gaur



MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
September	Practical 3,4	<p>3. Working with Web Forms and Controls:</p> <p>a. Create a simple web page with various sever controls to demonstrate setting and use of their properties. (Example : AutoPostBack)</p> <p>b. Demonstrate the use of Calendar control to perform following operations.</p> <p>a) Display messages in a calendar control</p> <p>b) Display vacation in a calendar control</p> <p>c) Selected day in a calendar control using style</p> <p>d) Difference between two calendar dates</p> <p>c. Demonstrate the use of Treeview control perform following operations.</p> <p>a) Treeview control and datalist</p> <p>b) Treeview operations</p> <p>4. Working with Form Controls a. Create a Registration form to demonstrate use of various Validation controls. b. Create Web Form to demonstrate use of Adrotator Control. c. Create Web Form to demonstrate use User Controls.</p>	6	6	Completed	gaur



MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
September	Practical 5,6,7	<p>5. Working with Navigation, Beautification and Master page.</p> <p>a. Create Web Form to demonstrate use of Website Navigation controls and Site Map.</p> <p>b. Create a web application to demonstrate use of Master Page with applying Styles and Themes for page beautification.</p> <p>c. Create a web application to demonstrate various states of ASP.NET Pages.</p> <p>6. Working with Database</p> <p>a. Create a web application bind data in a multiline textbox by querying in another textbox. b. Create a web application to display records by using database.</p> <p>c. Demonstrate the use of Datalist link control.</p> <p>7. Working with Database</p> <p>a. Create a web application to display Databinding using dropdownlist control.</p> <p>b. Create a web application for to display the phone no of an author using database.</p> <p>c. Create a web application for inserting and deleting record from a database. (Using Execute-Non Query).</p>	9	6	Completed	sgur



MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
September	Practical 8,9	<p>8. Working with data controls</p> <p>a. Create a web application to demonstrate various uses and properties of SqlDataSource.</p> <p>b. Create a web application to demonstrate data binding using DetailsView and FormView Control.</p> <p>c. Create a web application to display Using Disconnected Data Access and Databinding using GridView.</p> <p>9. Working with GridView control</p> <p>a. Create a web application to demonstrate use of GridView control template and GridView hyperlink.</p> <p>b. Create a web application to demonstrate use of GridView button column and GridView events.</p> <p>c. Create a web application to demonstrate GridView paging and Creating own table format using GridView.</p>	6	6	completed	Saini
September	Practical 10	<p>10. Working with AJAX and XML</p> <p>a. Create a web application to demonstrate reading and writing operation with XML.</p> <p>b. Create a web application to demonstrate Form Security and Windows Security with proper Authentication and Authorization properties.</p> <p>c. Create a web application to demonstrate use of various Ajax controls.</p> <p>11. Programs to create and use DLL</p>	6	6	completed	Saini

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Month	lectures Available
June	15
July	15
August	15
September	15
TOTAL	60

Name of Teacher :	S. Sai Sree
Subject :	Artificial Intelligence
Course, Class and Semester:	IT / TY / V
Division :	A
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	60

Month	Syllabus Unit -1 Allotted Lectures : 12 Python Programming	Strategies Used	Planned	Taken	Remarks
June	Introduction: What is Artificial Intelligence? Foundations of AI, history, the state of art AI today. Intelligent Agents: agents and environment, good behavior, nature of environment, the structure of agent	Chalk and black board Group Discussion	12	12	Completed
Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
July	Solving Problems by Searching: Problem solving agents, examples problems, searching for solutions, uninformed search, informed search strategies, heuristic functions. Beyond Classical Search: local search algorithms, searching with non-deterministic action, searching with partial observations, online search agents and unknown environments.	PPT	12	12	Completed



Name of Teacher :	S. Sai Sree	lectures Available
Subject :	Artificial Intelligence	Month
Course, Class and Semester:	IT / TY / V	June
Division :	A	July
Lectures Alloted for whole Semester:	60	August
Actual Lectures Taken :	60	September
		TOTAL
		60

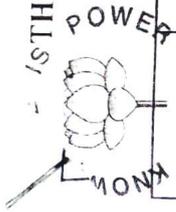
Month	Syllabus Unit -1 Allotted Lectures : 12 Python Programming	Strategies Used	Planned	Taken	Remarks
June	Introduction: What is Artificial Intelligence? Foundations of AI, history, the state of art AI today. Intelligent Agents: agents and environment, good behavior, nature of environment, the structure of agents	Chalk and black board Group Discussion	12	12	Completed
Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
July	Solving Problems by Searching: Problem solving agents, examples problems, searching for solutions, uninformed search, informed search strategies, heuristic functions. Beyond Classical Search: local search algorithms, searching with non-deterministic action, searching with partial observations, online search agents and unknown environments.	PPT	12	12	Completed





Month	Syllabus Unit -3 Alloted Lectures : 12	Strategies Used	Planned	Taken	Remarks
August	Adversarial Search: Games, optimal decisions in games, alpha-beta pruning, stochastic games, partially observable games, state-of-the-art game programs. Logical Agents: Knowledge base agents, The Wumpus world. logic, propositional logic, propositional theorem proving, effective propositional model checking, agents based on propositional logic.	PPT	12	12	Completed
Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
September	First Order Logic: Syntax and semantics, using First Order Logic, Knowledge engineering in First Order Logic. Inference in First Order Logic: propositional vs. First Order, unification and lifting, forward and backward chaining, resolution.	PPT	12	12	Completed





Month	Syllabus Unit -5 Allotted Lectures:12	Strategies Used	Planned	Taken	Remarks
October	<p>Planning: Definition of Classical Planning, Algorithms for planning as state space search, planning graphs, other classical planning approaches, analysis of planning approaches, Time, Schedules and resources, hierarchical planning, Planning and Acting in Nondeterministic Domains, multiagent planning.</p> <p>Knowledge Representation: Categories and Objects, events, mental events and objects, reasoning systems for categories, reasoning with default information, Internet shopping world</p>	PPT	12	12	Completed
TOTAL:			60	60	

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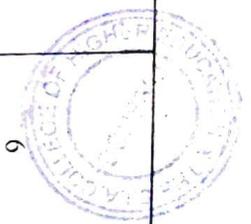
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Name of Teacher :	S. Sai Sree	Month		Practicals Available	Batch A	Batch B
Subject :	Artificial Intelligence	Month	July	2	9	9
Course, Class and Semester / TY / V	A	Month	August	3	9	9
Division/ Batch :	30	Month	September	3	9	9
Practicals Alloted for whole	30	Month	October	2	6	6
Actual Lectures Taken :		Total		10	30	30

Month	Practical No	Artificial Intelligence (per Batch 2 practicals are allotted)	Planned	Taken	Remarks
July	1	Write a program to implement depth first search algorithm. Write a program to implement breadth first search algorithm.	9	9	Completed
	2	Write a program to simulate 4-Queen / N-Queen problem. Write a program to solve tower of Hanoi problem.			
August	3	Write a program to implement alpha beta search. Write a program for Hill climbing problem.			
	4	Write a program to implement A* algorithm. Write a program to implement AO* algorithm.			
	5	Write a program to solve water jug problem. Design the simulation of tic - tac - toe game using min-max algorithm.	9	9	Completed
September	6	Write a program to solve Missionaries and Cannibals problem. Design an application to simulate number puzzle problem.			
	7	Write a program to shuffle Deck of cards. Solve traveling salesman problem using artificial intelligence technique	9	9	Completed
	8	Solve the block of World problem. Solve constraint satisfaction problem			



Month	Practical No	Planned	Taken	Remarks
October	9			Derive the expressions based on Associative law Derive the expressions based on Distributive law
October	10	6	6	Write a program to derive the predicate. (for e.g.: Sachin is batsman , batsman is cricketer) -> Sachin is Cricketer Write a program which contains three predicates: male, female, parent. Make rules for following family relations: father, mother, grandfather, grandmother, brother, sister, uncle, aunt, nephew and niece, cousin. Question: i. Draw Family Tree. ii. Define: Clauses, Facts, Predicates and Rules with conjunction and disjunction
		30	30	Completed

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Name of Teacher :	Shilpa Nimbre
Subject :	Linux System Administration
Course,Class and Semester:	IT / TY / V
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
July	14
August	13
September	13
October	12
November	11
TOTAL	63

Month	Syllabus Unit -1 Allotted Lectures :12		Planned	Taken	Remarks
	Introduction to Red Hat Enterprise Linux,Command Line,System Administration Tasks,Managing Software	Strategies Used			
July	<p>Introduction to Red Hat Enterprise Linux: Linux, Open Source and Red Hat, Origins of Linux, Distributions, Duties of Linux System Administrator.</p> <p>Command Line: Working with the Bash Shell, Getting the Best of Bash, Useful Bash Key Sequences, Working with Bash History, Performing Basic File System Management Tasks, Working with Directories, Piping and Redirection, Finding Files</p> <p>System Administration Tasks: Performing Job Management Tasks.</p> <p>System and Process Monitoring and Management, Managing Processes with ps, Sending Signals to Processes with the Kill Command, Using top to Show Current System Activity, Managing Process Niceness, Scheduling Jobs, Mounting Devices, Working with Links, Creating Backups, Managing Printers, Setting Up System Logging, Setting Up Rsyslog, Common Log Files, Setting Up Logrotate</p> <p>Managing Software: Understanding RPM, Understanding Meta Package Handlers, Creating Your Own Repositories, Managing Repositories, Installing Software with Yum, Querying Software, Extracting Files from RPM Packages</p>	<p>LMS, Online lecture ,class discussion, demo, online quiz,video</p>	22		



Month	Syllabus Unit -2 Allotted Lectures :12				
	Configuring and Managing Storage,Connecting to the Network,Working with Users, Groups, and Permissions	Strategies Used	Planned	Taken	Remarks
August	<p>Configuring and Managing Storage: Understanding Partitions and Logical Volumes, Creating Partitions, Creating File Systems, File Systems Overview, Creating File Systems, Changing File System Properties, Checking the File System Integrity; Mounting File Systems Automatically Through fsrab, Working with Logical Volumes, Creating Logical Volumes, Resizing Logical Volumes, Working with Snapshots, Replacing Failing Storage Devices, Creating Swap Space, Working with Encrypted Volumes</p> <p>Connecting to the Network: Understanding NetworkManager, Working with Services and Runlevels, Configuring the Network with NetworkManager, Working with system-config-network, NetworkManager Configuration Files, Network Service Scripts, Networking from the Command Line, Troubleshooting Networking.</p> <p>Setting Up IPv6, Configuring SSH, Enabling the SSH Server; Using the SSH Client, Using PuTTY on Windows Machines, Configuring Key-Based SSH Authentication, Using Graphical Applications with SSH, Using SSH Port Forwarding, Configuring VNC Server Access</p> <p>Working with Users, Groups, and Permissions: Managing Users and Groups, Commands for User Management, Managing Passwords, Modifying and Deleting User Accounts, Configuration Files, Creating Groups, Using Graphical Tools for User, and Group Management, Using External Authentication Sources, the Authentication Process, sssd, nsswitch, Pluggable Authentication Modules, Managing Permissions, the Role of Ownership, Basic Permissions: Read, Write, and Execute, Advanced Permissions, Working with Access Control Lists, Setting Default Permissions with umask, Working with Attributes</p>	LMS,Online lecture ,class discussion, demo, online quiz,video	15		



Month	Syllabus Unit -3 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
September	<p>Securing Server with iptables: Understanding Firewalls, Setting Up a Firewall with system-config-firewall, Allowing Services, Trusted Interfaces, Masquerading, Configuration Files, Setting Up a Firewall with iptables, Tables, Chains, and Rules, Composition of Rule, Configuration Example, Advanced iptables Configuration, Configuring Logging, The Limit Module, Configuring NAT</p> <p>Setting Up Cryptographic Services: Introducing SSL, Proof of Authenticity: the Certificate Authority, Managing Certificates with openssl, Creating a Signing Request, Working with GNU Privacy Guard, Creating GPG Keys, Key Transfer, Managing GPG Keys, Encrypting Files with GPG, GPG Signing, Signing RPM Files</p> <p>Configuring Server for File Sharing: What is NFS? Advantages and Disadvantages of NFS, Configuring NFS4, Setting Up NFSv4, Mounting an NFS Share, Making NFS Mounts Persistent, Configuring Autounmount, Configuring Samba, Setting Up a Samba File Server, Samba Advanced Authentication Options, Accessing Samba Shares, Offering FTP Services.</p>	LMS, Online lecture ,class discussion, demo, online quiz,video	9		
Month	Syllabus Unit -4 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
October	<p>Configuring DNS and DHCP: Introduction to DNS, The DNS Hierarchy, DNS Server Types, The DNS Lookup Process, DNS Zone Types, Setting Up a DNS Server, Setting Up a Cache-Only Name Server, Setting Up a Primary Name Server, Setting Up a Secondary Name Server, Understanding DHCP, Setting Up a DHCP Server</p> <p>Setting Up a Mail Server: Using the Message Transfer Agent, the Mail Delivery Agent, the Mail User Agent, Setting Up Postfix as an SMTP Server, Working with Mutt, Basic Configuration, Internet Configuration, Configuring Dovecot for POP and IMAP</p> <p>Configuring Apache on Red Hat Enterprise Linux: Configuring the Apache Web Server, Creating a Basic Website, Understanding the Apache Configuration Files, Apache Log Files, Working with Virtual Hosts, Securing the Web Server with TLS Certificates, Configuring Authentication, Setting Up Authentication with .htpasswd, Configuring LDAP Authentication, Setting Up MySQL</p>	LMS Online Lecture	6		



Month	Syllabus Unit -5 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
November	<p>Introducing Bash Shell Scripting, High-Availability Clustering, Setting Up an Installation Server</p> <p>Introducing Bash Shell Scripting: Introduction, Elements of a Good Shell Script, Executing the Script, Working with Variables and Input, Understanding Variables, Variables, Subshells, and Sourcing, Working with Script Arguments, Asking for Input, Using Command Substitution, Substitution Operators, Changing Variable Content with Pattern Matching, Performing Calculations, Using Control Structures, Using if...then...else, Using case, Using until, Using for, Configuring booting with GRUB.</p> <p>High-Availability Clustering: High-Availability Clustering, The Workings of High Availability, High-Availability Requirements, Red Hat High-Availability Add-on Software, Components, Configuring Cluster-Based Services, Setting Up Bonding, Setting Up Shared Storage, Installing the Red Hat High Availability Add-On, Building the Initial State of the Cluster, Configuring Additional Cluster Properties, Configuring a Quorum Disk, Setting Up Fencing, Creating Resources and Services, Troubleshooting a Nonoperational Cluster, Configuring GFS2 File Systems</p> <p>Setting Up an Installation Server: Configuring a Network Server as an Installation Server, Setting Up a TFTP and DHCP Server for PXE Boot, Installing the TFTP Server, Configuring DHCP for PXE Boot, Creating the TFTP PXE Server Content, Creating a Kickstart File, Using a Kickstart File to Perform an Automated, Installation, Modifying the Kickstart File with, system-config-kickstart, Making Manual Modifications to the Kickstart File</p>	LMS Online Lecture	8	7	Completed

TOTAL:

60

60

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Name of Teacher :	Shilpa Nimbre	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Linux System Administration	July	12		
Course, Class and Semes	IT / TY / V	August	12		
Division/Batch :		September	12		
Practicals Alloted for who	36	TOTAL	36		
Actual Lectures Taken :					

Month	Practical No	Batch 3 practicals are allotted) (per	Planned	Taken	Remarks
July	1	Installation of RHEL 6.X	12		Completed
	2	Graphical User Interface and Command Line Interface and Processes			
	3	Storage Devices and Links, Backup and Repository			
	4	Working with RPMsm Storage and Networking			



Month	Practical No	(per Batch 3 practicals are allotted)	Planned	Taken	Remarks
August	5	Working with Users, Groups, and Permissions	12	12	Completed
	6	Firewall and Cryptographic services			
	7	Configuring Server for File Sharing			
	8	DNS, DHCP and Mail Server			

September	6	Web Server	12	12	Completed
	7	Shell Scripts and High-Availability Clustering			
	8	Setting Up an Installation Server			

TOTAL:

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Signature of Convener *S. Nigam*

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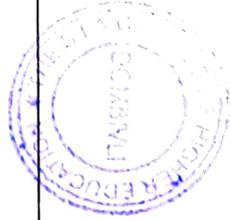


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Do-Bivli (E)

Name of Teacher :	Tejaswini Shivsharan
Subject :	Embedded System
Course, Class and Semester:	IT / SY / IV
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
December	5
January	25
February	20
March	15
TOTAL	65

Month	Syllabus Unit -3 Allotted Lectures : 12		Strategies Used	Planned	Taken	Remarks
	Business intelligence					
December	The 8051 Microcontrollers: Microcontrollers and Embedded processors, Overview of 8051 family. 8051 Microcontroller hardware, Input/output pins, Ports, and Circuits, External Memory.			5	5	Completed.





January	<p>8051 Programming in C: Data Types and time delay in 8051 C, I/O Programming, Logic operations, Data conversion Programs. Introduction: Embedded Systems and general purpose computersystems, history, classifications, applications and purpose of embedded systems Core of embedded systems: microprocessors and microcontrollers, RISC and CISC controllers, Big endian and Little endian processors, Application specific ICs, Programmable logic devices, COTS, sensors and actuators, communication interface, embedded firmware, other system components.</p>	Blank board	10	10	Completed
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Month	Syllabus Unit -2 Allotted Lectures :12 Mathematical models for decision making:	Strategies Used	Planned	Taken	Remarks
January	<p>Characteristics and quality attributes of embedded systems: Characteristics, operational and non-operational quality attributes Embedded Systems – Application and Domain Specific: Application specific – washing machine, domain specific - automotive. Embedded Hardware: Memory map, i/o map, interrupt map, processor family, external peripherals, memory – RAM, ROM, types of RAM and ROM, memory testing, CRC, Flash memory. Peripherals: Control and Status Registers, Device Driver, Timer Driver - Watchdog Timers.</p>	Blank board	12	10	Completed



Month	Syllabus Unit -3 Alloted Lectures : 12		Planned	Taken	Remarks
	Strategies Used				
February	Designing Embedded System with 8051 Microcontroller: Factors to be considered in selecting a controller, why 8051 Microcontroller, Designing with 8051. Programming embedded systems: structure of embedded program, infinite loop, compiling, linking and debugging.	Black board	12	10	Completed

Month	Syllabus Unit -4 Alloted Lectures:12		Planned	Taken	Remarks
	Strategies Used				
March	Real Time Operating System (RTOS): Operating system basics, types of operating systems, Real-Time Characteristics, Selection Process of an RTOS.	Black board.	12	10	Completed



Month	Syllabus Unit -5 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
March	Design and Development: Embedded system development Environment – IDE, types of file generated on cross compilation, disassembler/ de-compiler, simulator, emulator and debugging, embedded product development life-cycle, trends in embedded industry	Black board	12	10	Completed

TOTAL: 63

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DO.BIVLI (E)

Name of Teacher :	Tejaswini Shivsharan	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Embedded System	January			
Course, Class and Semester :	IT / SY / IV	February			
Division/Batch :	A	March			
Practicals Alloted for whole semester :	60	TOTAL			
Actual Lectures Taken :					

Month	Practical No	intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	1	Design and develop a reprogrammable embedded computer using 8051 microcontrollers and to show the following aspects. a. Programming b. Execution c. Debugging		10	} completed.
	2	Configure timer control registers of 8051 and develop a program to generate given time delay. B To demonstrate use of general purpose port i.e. Input/ output port of two controllers for data transfer between them.		10	
	3	Port I/O: Use one of the four ports of 8051 for O/P interfaced to eight LED's. Simulate binary counter (8 bit) on LED's B To interface 8 LEDs at Input-output port and create different patterns.	15	10	

	C	To demonstrate timer working in timer mode and blink LED without using any loop delay routine. Serial I/O: Configure 8051 serial port for asynchronous serial communication with serial port of PC exchange text messages to PC and display on PC screen. Signify end of message by carriage return.		
			4	

Month	Practical No	Intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
February	4	To demonstrate interfacing of seven-segment LED display and generate counting from 0 to 99 with fixed time delay.	9	9	Completed
	5	Interface 8051 with D/A converter and generate square wave of given frequency on oscilloscope. Interface 8051 with D/A converter and generate triangular wave of given frequency on oscilloscope			

March	6	Using D/A converter generate sine wave on oscilloscope with the help of lookup table stored in data area of 8051.	12		Completed
	7	Interface stepper motor with 8051 and write a program to move the motor through a given angle in clock wise or counter clock wise direction.			
	8	Generate traffic signal.			



9	Implement Temperature controller Implement Elevator controller	
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April	10	To demonstrate the procedure for flash programming for reprogrammable embedded system board using FlashMagic B To demonstrate the procedure and connections for multiple controllers programming of same type of controller with same source code in one go, using flash magic.	10 Completed.
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TOTAL: 36


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Name of Teacher :	Tejaswini Shivsharan
Subject :	Microprocessor Architecture
Course, Class and Semester:	IT / FY / II
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

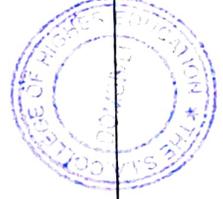
Month	No of lectures Available
December	5
January	25
February	20
March	15
TOTAL	65

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
December	Microprocessor Architecture				
January	Microprocessor, microcomputers, and Assembly Language: Microprocessor, Microprocessor Instruction Set and Computer Languages. From Large Computers to Single-Chip Microcontrollers. Applications. Microprocessor Architecture and Microcomputer System: Microprocessor Architecture and its operation's. Memory, I/O Devices, Microcomputer System, Logic Devices and Interfacing. Microprocessor-Based System Application. 8085 Microprocessor Architecture and Memory Interface: Introduction. 8085 Microprocessor unit, 8085-Based Microcomputer. Memory Interfacing. Interfacing the 8155 Memory Segment. Illustrative Example: Designing Memory for the MCTS Project. Testing and Troubleshooting Memory Interfacing Circuit. 8085-Based Single-Board microcomputer.	Moodle, Lectring and demonstration method. Group discussion	12	15	comp lated



Month	Syllabus Unit -2 Allotted Lectures :12			
	Strategies Used	Planned	Taken	Remarks
January	<p>Interfacing of I/O Devices Basic Interfacing concepts, Interfacing Output Displays, Interfacing Input Devices, Memory Mapped I/O, Testing and Troubleshooting I/O Interfacing Circuits. Introduction to 8085 Assembly Language Programming: The 8085 Programming Model, Instruction Classification, Instruction, Data and Storage, Writing assembling and Execution of a simple program, Overview of 8085 Instruction Set,</p>	12	—	—

Month	Syllabus Unit -3 Alloted Lectures : 12			
	Strategies Used	Planned	Taken	Remarks
February	<p>Writing and Assembling Program.Introduction to 8085 Instructions:Data Transfer Operations, Arithmetic Operations, Logic Operation,Branch Operation, Writing Assembly Languages Programs, Debugginga Program.Programming Techniques With Additional Instructions: Programming Techniques: Looping, Counting and Indexing, Additional Data Transfer and 16-Bit Arithmetic Instructions. Arithmetic Instruction Related to Memory. Logic Operations: Rotate,Logics Operations: Compare, Dynamic Debugging. Counters and Time Delays:Counters and Time Delays, Illustrative Program: Hexadecimal Counter,Illustrative Program: zero-to-nine (Modulo Ten) Counter, Generating Pulse Waveforms, Debugging Counter and Time-Delay Programs. Stacks and Sub-Routines:Stack, Subroutine. Restart, Conditional Call, Return Instructions,Advanced Subroutine concepts.</p>	12	15	Completed



Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
March	Code Conversion, BCD Arithmetic, and 16-Bit Data Operations: BCD-to-Binary Conversion, Binary-to-BCD Conversion, BCD-to-Seven-Segment-LED Code Conversion, Binary-to-ASCII and ASCII-to-Binary Code Conversion, BCD Addition, BCD Subtraction, Introduction To Advanced Instructions and Applications, Multiplication, Subtraction With Carry, Software Development System and Assemblers: Microprocessors-Based Software Development system, Operating System and Programming Tools, Assemblers and Cross-Assemblers, Writing Program Using Cross Assemblers. Interrupts: The 8085 Interrupt, 8085 Vectored Interrupts, Restart as S/W Instructions, Additional I/O Concepts and processes.	Moodle, Lectring and demonstration method, Group discussion, class test	12	12	Completed

Month	Syllabus Unit -5 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
March	The Pentium and Pentium Pro microprocessors: Introduction, Special Pentium registers, Memory management, Pentium instructions, Pentium Pro microprocessor, Special Pentium Pro features. Core 2 and later Microprocessors: Introduction, Pentium II software changes, Pentium IV and Core 2, i3, i5 and i7. SUN SPARC Microprocessor: Architecture, Register file, data types and instruction format	Moodle, Lectring and demonstration method, Group discussion, class test	12	12	Completed

TOTAL: 60 SS

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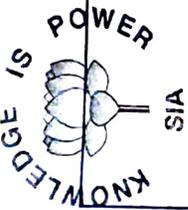
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Name of Teacher :	Tejaswini Shivsharan	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Microprocessor Architecture	January			
Course, Class and Semes	IT / FY / II	February			
Division/ Batch :	A	March			
Practicals Allotted for whole Semester:		TOTAL			
Actual Lectures Taken :					

Month	Practical No	Microprocessor Architecture (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	1	Perform the following Operations related to memory locations. a. Store the data byte 32H into memory location 4000H. b. Exchange the contents of memory locations 2000H and 4000H	15	10	Completed





January

2

3

<p>the memory location 2000H and place the result in memory location 4002H. b. Subtract two 8-bit numbers. c. Add the 16-bit number in memory locations 4000H and 4001H to the 16-bit number in memory locations 4002H and 4003H. The most significant eight bits of the two numbers to be added are in memory locations 4001H and 4003H. Store the result in memory locations 4004H and 4005H with the most significant byte in memory location 4005H. d. Add the contents of memory locations 40001H and 4001H and place the result in the memory locations 4002H and 4003H. e. Subtract the 16-bit number in memory locations 4002H and 4003H from the 16-bit number in memory locations 4000H and 4001H. The most significant eight bits of the two numbers are in memory locations 4001H and 4003H. Store the result in memory locations 4004H and 4005H with the most significant byte in memory location 4005H. f. Find the 1's complement of the number stored at memory location 4400H and store the complemented number at memory location 4300H.</p>	<p>Completed</p>	<p>OS</p>	<p>Completed</p>
<p>Pack the two unpacked BCD numbers stored in memory locations 4200H and 4201H and store result in memory location 4300H. Assume the least significant digit is stored at 4200H.</p>	<p>OS</p>	<p>Completed</p>	<p>Completed</p>





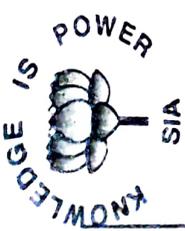
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4	Two digit BCD number is stored in memory location 4200H. Unpack the BCD number and store the two digits in memory locations 4300H and 4301H such that memory location 4300H will have lower BCD digit.	
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Month	Practical No	Microprocessor Architecture (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
February	4	Write a program to shift an eight bit data four bits right. Assume that data is in register C. Program to shift a 16-bit data 1 bit left. Assume data is in the HL register pair			
	5	c. Write a set of instructions to alter the contents of flag register in 8085. d. Write a program to count number of 1's in the contents of D register and store the count in the B register.	9	09	Completed

	Calculate the sum of series of numbers. The length of the series is in memory location 4200H and the series begins from memory location 4201H. a. Consider the sum to be 8 bit number. So, ignore carries. Store the sum at memory location 4300H. b. Consider the sum to be 16 bit number. Store the sum at memory locations 4300H and 4301H	
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Multiply two 8-bit numbers stored in memory locations 2200H and 2201H by repetitive addition and store the result in memory locations 2300H and 2301H.

c. Divide 16 bit number stored in memory locations 2200H and 2201H by the 8 bit number stored at memory location 2202H. Store the quotient in memory locations 2300H and 2301H and remainder in memory locations 2302H and 2303H.

d. Find the number of negative elements (most significant bit 1) in a block of data. The length of the block is in memory location 2200H and the block itself begins in memory location 2201H. Store the number of negative elements in memory location 2300H

e. Find the largest number in a block of data. The length of the block is in memory location 2200H and the block itself starts from memory location 2201H. Store the maximum number in memory location 2300H. Assume that the numbers in the block are all 8 bit unsigned binary numbers.

6. Calculations with respect to memory locations.

07

Completed



March

12

9

Completed

- memory location 2200H in the ascending order.
- Calculate the sum of series of even numbers from the list of numbers. The length of the list is in memory location 2200H and the series itself begins from memory location 2201H. Assume the sum to be 8 bit number so you can ignore carries and store the sum at memory location 25Sample problem:
 - Calculate the sum of series of odd numbers from the list of numbers. The length of the list is in memory location 2200H and the series itself begins from memory location 2201H. Assume the sum to be 16-bit. Store the sum at memory locations 2300H and 2301H.
 - Find the square of the given numbers from memory location 6100H and store the result from memory location 7000H
 - Search the given byte in the list of 50 numbers stored in the consecutive memory locations and store the address of memory location in the memory locations 2200H and 2201H. Assume byte is in the C register and starting address of the list is 2000H.
 - Two decimal numbers six digits each, are stored in

8



a. Write an assembly language program to separate even numbers from the given list of 50 numbers and store them in the another list starting from 2300H. Assume starting address of 50 number list is 2200H

b. Write assembly language program with proper comments for the following:
A block of data consisting of 256 bytes is stored in memory starting at 3000H.
This block is to be shifted (relocated) in memory from 3050H onwards. Do not shift the block or part of the block anywhere else in the memory.

c. Add even parity to a string of 7-bit ASCII characters. The length of the string is in memory location 2040H and the string itself begins in memory location 2041H.
Place even parity in the most significant bit of each character.

d. A list of 50 numbers is stored in memory, starting at 6000H. Find number of negative, zero and positive numbers from this list and

9

09

Completed



<p>April</p>	<p>10</p>	<p>Write an 8085 assembly language program to insert a string of four characters from the tenth location in the given array of 50 characters b. Write an 8085 assembly language program to delete a string of 4 characters from the tenth location in the given array of 50 characters. c. Multiply the 8-bit unsigned number in memory location 2200H by the 8-bit unsigned number in memory location 2201H. Store the 8 least significant bits of the result in memory location 2300H and the 8 most significant bits in memory location 2301H. d. Divide the 16-bit unsigned number in memory locations 2200H and 2201H (most significant bits in 2201H) by the 8-bit unsigned number in memory location 2300H store the quotient in memory location 2400H and remainder in 2401H e. DAA instruction is not present. Write a sub routine which will perform the same task as DAA.</p>	<p>09</p>	<p>09/04/20</p>
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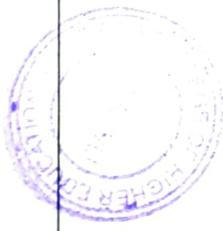


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Name of Teacher :	S. Sai Sreec	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Security In Computing	January	1	3	3
Course, Class and Semester:	IT / TY / VI	February	4	12	12
Division/Batch :	A	March	5	15	15
Practicals Allotted for whole Semester	60	TOTAL	10	30	30
Actual Lectures Taken :					
Month	Practical No	Security In Computing (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	2	Configure AAA Authentication a Configure a local user account on Router and configure authenticcate on the console and vty lines using local AAA b Verify local AAA authentication from the Router console and the PC-A client	9	9	9
	3	Configuring Extended ACLs a Configure, Apply and Verify an Extended Numbered ACL			
Month	Practical No	Security In Computing (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
February & March	4	Configure IP ACLs to Mitigate Attacks and IPV6 ACLs			
	5	Configuring a Zone-Based Policy Firewall			
	6	Configure IOS Intrusion Prevention System (IPS) Using the CLI a Enable IOS IPS. b Modify an IPS signature.	8	7	7



Month	Practical No	Security In Computing (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
March	7	Layer 2 Security Assign the Central switch as the root bridge. b Secure spanning-tree parameters to prevent STP manipulation attacks. c Enable port security to prevent CAM table overflow attacks.	8	8	Saint
	8	Layer 2 VLAN Security			
	9	Configure and Verify a Site-to-Site IPsec VPN Using CLI			
March	10	Security In Computing (per Batch 3 practicals are allotted) Configuring ASA Basic Settings and Firewall Using CLI a Configure basic ASA settings and interface security levels using CLI b Configure routing, address translation, and inspection policy using CLI c Configure DHCP, AAA, and SSH d Configure a DMZ, Static NAT, and ACLs	6	6	Saint
	1	Configure Routers:- OSPF, MD5 authentication, NTP, To log messages to the syslog server, to support SSH connections			

TOTAL: 31 30



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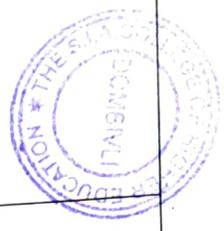
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Name of Teacher :	S. Sai Sree
Subject :	Security In Computing
Course, Class and Semester:	IT / TY / V
Division :	A
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
December	5
January	20
February	20
March	15
TOTAL	60

Month	Syllabus Unit - 1 Allotted Lectures : 12		Strategies Used	Planned	Taken	Remarks
	Information Security Overview					
December	The Importance of Information Protection, The Evolution of Information Security, Justifying Security Investment, Security Methodology		Group Discussion, PPT Slides	5	5	
January	How to Build a Security Program, The Impossible Job, The Weakest Link, Strategy and Tactics, Business Processes vs. Technical Controls. Risk Analysis: Threat Definition, Types of Attacks, Risk Analysis. Secure Design Principles: The CIA Triad and Other Models, Defense Models, Zones of Trust, Best Practices for Network Defense		Group Discussion, PPT Slides	8	7	



Month	Syllabus Unit -2 Allotted Lectures :12 Authentication and Authorization Encryption: A Brief History of Encryption, Symmetric-Key Cryptography, Public Key Cryptography, Public Key Infrastructure, Storage Security: Storage Security Evolution, Modern Storage Security, Risk Remediation, Best Practices, Database Security: General Database Security Concepts, Understanding Database Security Layers, Understanding DatabaseLevel Security, Using Application Security.	Strategies Used	Planned	Taken	Remarks
January		Presentation by the students	12	11	Completed Done
Month	Syllabus Unit -3 Alloted Lectures : 12 Secure Network Design	Strategies Used	Planned	Taken	Remarks
January	Introduction to Secure Network Design., Performance, Availability, Security		3	3	
Month	Syllabus Unit -3 Alloted Lectures:12 Network Device Security	Strategies Used	Planned	Taken	Remarks
February	Switch and Router Basics, Network Hardening, Firewalls: Overview, The Evolution of Firewalls, Core Firewall Wireless Network Security: Radio Frequency Security Basics, Datalink Layer Wireless Security Features, Flaws, and Threats, Wireless Vulnerabilities and Mitigations, Wireless Network Hardening Practices and Recommendations, Wireless Intrusion Detection and Prevention, Wireless Network Positioning and Secure Gateways		8	8	Completed



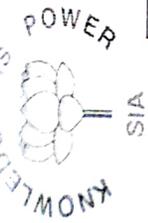
Month	Syllabus Unit -4 Alloted Lectures:12 Intrusion Detection and Prevention Systems IDS Concepts, IDS Types and Detection Models, IDS Features, IDS Deployment Considerations, Security Information and Event Management (SIEM), Voice over IP (VoIP) and PBX Security: Background, VoIP Components, VoIP Vulnerabilities and Countermeasures, PBX, TEM: Telecom Expense Management, Operating System Security Models: Operating System Models, Classic Security Models, Reference Monitor, Trustworthy Computing, International Standards for Operating System Security	Strategies Used	Planned	Taken	Remarks
March			12	12	Completed
Month	Syllabus Unit -5 Alloted Lectures:12 Virtual Machines and Cloud Computing Virtual Machines, Cloud Computing, Secure Application Design: Secure Development Lifecycle, Application Security Practices, Web Application Security, Client Application Security, Remote Administration Security, Physical Security: Classification of Assets, Physical Vulnerability Assessment, Choosing Site Location for Security, Securing Assets: Locks and Entry Controls, Physical Intrusion Detection.	Strategies Used	Planned	Taken	Remarks
March			12	12	Completed
TOTAL:			60	56	

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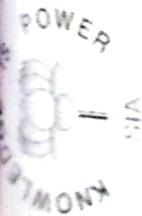


Name of Teacher :	Sandhya Pandey
Subject :	OOP
Course, Class and Semester:	IT / FY / II
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	Available
December	9
January	20
February	20
March	11
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 12		Planned	Taken	Remarks
	Strategies Used				
December	Oriented Methodology: Introduction, Advantages and Disadvantages of Procedure Oriented Languages. what is Object Oriented? What is Object Oriented Development? Object Oriented Themes, Benefits and Application of OOPS. Principles of OOPS: OOPS Paradigm, Basic Concepts of OOPS: Objects, Classes, Data Abstraction and Data Encapsulation. Inheritance, Polymorphism, Dynamic Binding, Message Passing	LMS and Lecture/Discussion Pattern	9		

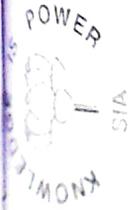




Month	Syllabus Unit -2 Alloted Lectures:12		Strategies Used	Planned	Taken	Remarks
January	Classes and Objects: Simple classes (Class specification, class members accessing), Defining member functions, passing object as an argument, Returning object from functions, friend classes, Pointer to object, Array of pointer to object. Constructors and Destructors: Introduction, Default Constructor,		L.MS and Lecture/Discussion Pattern	9		
January	Default Constructor, Parameterized Constructor and examples, Destructors			1		

Month	Syllabus Unit -3 Alloted Lectures : 12		Strategies Used	Planned	Taken	Remarks
January	Polymorphism: Concept of function overloading, overloaded operators, overloading unary and binary operators, overloading comparison operator, overloading arithmetic assignment operator, Data Conversion between objects and basic types, Virtual Functions: Introduction and need, Pure Virtual Functions, Static Functions, this Pointer, abstract classes, virtual destructors.		L.MS and Lecture/Discussion Pattern	10		





Month	Syllabus Unit -4 Allotted Lectures:12		Strategies Used	Planned	Taken	Remarks
February	Program development using Inheritance: Introduction, understanding inheritance, Advantages provided by inheritance, choosing the access specifier, Derived class declaration, derived class constructors, class hierarchies, multiple inheritance, multilevel inheritance, containership, hybrid inheritance.		LMS and Lecture/Discussion Pattern	12		
February	Exception Handling: Introduction, Exception Handling Mechanism, Concept of throw & catch with example		LMS and Lecture/Discussion Pattern	8		

Month	Syllabus Unit -5 Allotted Lectures:12		Strategies Used	Planned	Taken	Remarks
March	Templates: Introduction, Function Template and examples. Class Template and examples. Working with Files: Introduction, File Operations. Various File Modes, File Pointer and their Manipulation		LMS and Lecture/Discussion Pattern	10		

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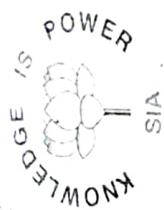
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Name of Teacher :	Sandhya Pandey				
Subject :	OOP				
Course, Class and Semester:	IT / FY / II				
Division/Batch :	A/B/C				
Practicals Allotted for whole Semester:	36				
Actual Lectures Taken :					
	Month	Practicals Available	Batch A	Batch B	Batch C
	January	15	15	15	15
	February	9	9	9	9
	March	12	12	12	12
	TOTAL	36	36	36	36

Month	Practical No	OOP (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	1	Classes and methods	12		
	2	Using friend functions.			

Month	Practical No	OOP (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
February	3	Constructors and method overloading.	9		
	4	Operator Overloading			
	5	Inheritance			

Month	Practical No	OOP (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
March	6	Virtual functions and abstract classes	12		
	7	String handling			
	8	Exception handling			
	9	File handling			

April	10		3		
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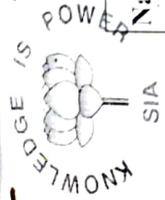
TOTAL: 36

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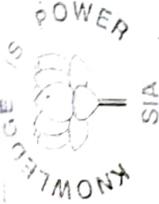


Month	No. of lectures Available
December	10
January	20
February	20
March	10
TOTAL	60

Name of Teacher :	Sandhya Pandey
Subject :	Principles of Geographic Information System
Course, Class and Semester:	IT / TY / VI
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	Syllabus Unit -1 Allotted Lectures : 12.	Strategies Used	Planned	Taken	Remarks
December	A Gentle introduction to GIS The nature of GIS; Some fundamental observations. Defining GIS, GISystems, GIScience and GIApplications. Spatial data and Geoinformation. The real world and representations of it: Models and modelling. Maps, Databases. Spatial databases and spatial analysis	LMS and Lecture/Discussion Pattern	8		
January	Geographic information and Spatial Database Models and Representations of the real world Geographic Phenomena: Defining geographic phenomena, types of geographic phenomena, Geographic fields, Geographic objects, Boundaries Computer Representations of Geographic Information. Popular recollections	LMS and Lecture/Discussion Pattern	10		





Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
January	<p>Data Management and Processing Systems Hardware and Software Trends Geographic Information Systems: GIS Software, GIS Architecture and functionality, Spatial Data Infrastructure (SDI) Stages of Spatial Data handling: Spatial data handling and preparation, Spatial Data Storage and maintenance, Spatial Query and Analysis, Spatial Data Presentation, Database management Systems: Reasons for using a DBMS, Alternatives for data management, The relational data model, Querying the relational database, GIS and Spatial Databases: Linking GIS and DBMS, Spatial database functionality.</p>	LMS and Lecture/Discussion Pattern	10		





Month	Syllabus Unit -3 Alloted Lectures : 12	Strategies Used	Planned	Taken	Remarks
February	Spatial Referencing and Positioning Spatial Referencing: Reference surfaces for mapping, Coordinate Systems, Map Projections, Coordinate Transformations Satellite-based Positioning: Absolute positioning, Errors in absolute positioning, Relative positioning, Network positioning, code versus phase measurements, Positioning technology Data Entry and Preparation Spatial Data Input: Direct spatial data capture, Indirect spatial data capture, Obtaining spatial data elsewhere Data Quality: Accuracy and Positioning, Positional accuracy, Attribute accuracy, temporal accuracy, Lineage, Completeness, Logical consistency Data Preparation: Data checks and repairs, Combining data from multiple sources Point Data Transformation: Interpolating discrete data, Interpolating continuous data	LMS and Lecture/Discussion Pattern	10		



Month	Syllabus Unit -4 Allotted Lectures:12		Planned	Taken	Remarks
	Strategies Used				
February	<p>Spatial Data Analysis Classification of analytical GIS Capabilities Retrieval, classification and measurement: Measurement, Spatial selection queries, Classification Overlay functions: Vector overlay operators, Raster overlay operators Neighbourhood functions: Proximity computations, Computation of diffusion, Flow computation, Raster based surface analysis Analysis: Network analysis, interpolation, terrain modeling GIS and Application models: GPS, Open GIS Standards, GIS Applications and Advances Error Propagation in spatial data processing: How Errors propagate. Quantifying error propagation</p>	LMS and Lecture/Discussion Pattern	10		





Month	Syllabus Unit -5 Alloted Lectures:12		Planned	Taken	Remarks
	Strategies Used				
March	Data Visualization GIS and Maps, The Visualization Process Visualization Strategies: Present or explore? The cartographic toolbox: What kind of data do I have? How can I map my data? How to map? How to map qualitative data, How to map quantitative data, How to map the terrain elevation, How to map time series Map Cosmetics, Map Dissemination	LMS and Lecture/Discussion Pattern	10		

TOTAL: 58

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Name of Teacher :	Sandhya Pandey	Month	No. of Practicals Available	Batch A
Subject :	Principles of Geographic Information System	January	15	15
Course, Class and Semester:	IT / TY / VI	February	9	9
Division/Batch :	A	March	12	12
Practicals Allotted for whole Semester:	36	TOTAL	36	36
Actual Lectures Taken :				

Month	Practical No	Principles of Geographic Information System (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	0	Familiarizing Quantum GIS: Installation of QGIS, datasets for both Vector and Raster data, Maps	12		
	1	Creating and Managing Vector Data: Adding vector layers, setting properties, formatting, calculating line lengths and statistics			
February	2	Exploring and Managing Raster data: Adding raster layers, raster styling and analysis, raster mosaicking and clipping	9		
	3	Making a Map, Working with Attributes, Importing Spreadsheets or CSV files Using Plugins, Searching and Downloading OpenStreetMap Data			
	4	Working with attributes, terrain Data			



Month		Principles of Geographic Information System (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
March	5	Working with Projections and WMS Data	12		
	6	Georeferencing Topo Sheets and Scanned Maps Georeferencing Aerial Imagery Digitizing Map Data			
	7	Managing Data Tables and Spatial data Sets: Table joins, spatial joins, points in polygon analysis, performing spatial queries			
	8	Advanced GIS Operations 1: Nearest Neighbor Analysis, Sampling Raster Data using Points or Polygons, Interpolating Point Data			
	9	Advance GIS Operations 2: Batch Processing using Processing Framework Automating Complex Workflows using Processing Modeler Automating Map Creation with Print Composer Atlas			
April	10	Validating Map data	3		

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TOTAL:

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Name of Teacher :	Archana Kshirsagar	Month	No. of Practicals Available	Batch
Subject :	Enterprise Networking	January	6	6
Course, Class and Semes	IT / TY / VI	February	12	12
Division/ Batch :		March	12	12
Practicals Alloted for who	60	TOTAL	30	30
Actual Lectures Taken :				

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remark
December	1	Configuring OSPF – I Single-Area OSPF Link Costs and Interface Priorities Multi-Area OSPF with Stub Areas and Authentication	6	6	Completed





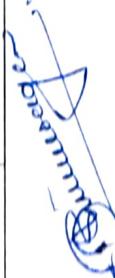
SIA Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remark
January	2	Configuring OSPF – II	12	12	Completed
		OSPF Virtual Links and Area Summarization			
		OSPF over Frame Relay			
	3	Redistribution and Administrative Distances			
		Redistribution Between RIP and OSPF			
		Manipulating Administrative Distances			
5	IPv6				
	Configuring OSPF for IPv6				
	Configuring 6to4 Tunnels				
6	VLANs and EtherChannel				
	Static VLANs, VLAN Trunking, and VTP Domains and Modes				
		Configuring EtherChannel			



Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remark
February	7	Spanning Tree Protocol	12	12	completed
		Spanning Tree Protocol (STP) Default Behavior			
		Modifying Default Spanning Tree Behavior			
	8	VLAN and Spanning Tree			
		Per-VLAN Spanning Tree Behavior			
		Multiple Spanning Tree			
	9	Internal VLAN Routing			
		Inter-VLAN Routing with an External Router			
		Inter-VLAN Routing with an Internal Router Processor			

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remark
March	10	Configure NAT Services	3	03	completed

TOTAL:


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Name of Teacher :		Archana Kshirsagar
Subject :	Enterprise Networking	
Course, Class and Semester :	IT / TY / VI	
Division :		
Lectures Alloted for whole Semester :	60	
Actual Lectures Taken :		

Month	No of lectures Available
December	8
January	22
February	20
March	10
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures :12		Planned	Taken	Remarks
	General Network Design	and Network Design Module			
December	<p>General Network Design: Network Design Methodology, Architectures for the Enterprise, Borderless Networks Architecture, Collaboration and Video Architecture, Data Center and Virtualization Architecture, Design Lifecycle: Plan, Build, Manage Plan Phase Build Phase Manage Phase Prepare, Plan, Design, Implement, Operate, and Optimize Phases Prepare Phase Plan Phase Design Phase Implement</p>		8	9	Completed





Month	Syllabus Unit -1 Allotted Lectures :12			Planned	Taken	Remarks
	General Network Design and Network Design Module	Strategies Used				
January	<p>the Hierarchical Model, Hierarchical Network Design, Core Layer, Distribution Layer, Access Layer, Hierarchical Model Examples, Hub-and-Spoke, Design Collapsed Core, Design Enterprise Architecture Model, Enterprise Campus Module, Enterprise Edge Area, E-Commerce Module, Internet Connectivity Module, VPN/Remote Access, Enterprise WAN, Service Provider Edge Module, Remote Modules, Enterprise Branch Module, Enterprise Data Center Module, Enterprise Teleworker Module, High Availability Network Services, Workstation-to-Router Redundancy and LAN, High Availability Protocols, ARP Explicit Configuration, RDP, R.P, HSRP, VRRP, GLBP, Server Redundancy, Route Redundancy, Load Balancing, Increasing Availability, Link Media Redundancy</p>	<p>Discussion on existing technology and concepts, board method, projector, quiz in class</p>	8	8	Completed	



	Syllabus Unit 2 Allotted Lectures:12	Strategies Used	Planned	Taken	Remarks
January	<p>Enterprise LAN Design and Data Centre Design</p> <p>Enterprise LAN Design. Comparison of Campus Media LAN Hardware, Best Practices for Hierarchical Layers, Access Layer Best Practices, Distribution Layer Best Practices, Core Layer Best Practices, STP Design Considerations, VLAN and Trunk Considerations, Enterprise Campus LANs, Server Farm Module, Server Connectivity Options, Enterprise Data Center Infrastructure, Campus LAN QoS Considerations, Multicast Traffic Considerations, CGMP, IGMP Snooping</p> <p>Data Center Design, Enterprise DC Architecture, Data Center Foundation Components, Data Center Topology Components, Data Center Network Programmability, Virtualization Overview, Challenges, Defining Virtualization and Benefits, Virtualization Risks, Types of Virtualization, Virtualization Technologies, Services Edge, Data Center Interconnect, DCI Use Cases, DCI Transport Options, DCI L2 Considerations, Load Balancing in the DC, Application Load Balancing, Network Load Balancing</p>	<p>Discussion on existing technology and concepts, board method, projector, Real Time Cisco Examples</p>	13	18	Completed



Month	Syllabus Unit -3 Allotted Lectures :12 Wireless LAN Design, WAN Technologies and the Enterprise Edge	Strategies Used	Planned	Taken	Remarks
February	<p>Wireless LAN Design Wireless LAN Technologies, WLAN Standards, Standards, Service Set Identifier, WLAN Security, Controlling WLAN Access to Servers, WLAN Authentication, Authentication Options, Radio Groups, RF Guest Services, Wireless Mesh for Outdoor Wireless, Mesh Design Groups, Design Considerations, Local MAC, REAP, Hybrid REAP</p> <p>WAN Technologies and the Enterprise Edge: WAN and Enterprise Edge Overview, Frame Relay, Time-Division Multiplexing, Metro Ethernet, SONET/SDH, Multiprotocol Label Switching (MPLS), Dark Fiber, Dense Wavelength-Division Multiplexing, Traffic Shaping and Policing, Classification, Congestion Management, Traffic Shaping and Policing, Link Efficiency.</p> <p>WAN Design</p> <p>Traditional WAN Technologies, Enterprise VPN vs. Service Provider VPN Enterprise Managed VPN, Service Provider-Managed Offerings</p> <p>Virtual Private Wire Services VPWS L2, VPN Considerations, Virtual Private LAN Services VPLS L2 VPN, Considerations, MPLS Layer 3 Design Overview, MPLS L3, VPN Considerations, VPN Benefits WAN Backup.</p>	<p>Discussion on existing technology and concepts, board method, projector, Cisco Example case study</p>	12	12	Completed

Month	Syllabus Unit -4 Allotted Lectures :12 Intrinet Protocols and Case Study	Strategies Used	Planned	Taken	Remarks
February	<p>Internet Protocol Version 4 Design, IPv4 Header ToS IPv4 Fragmentation IPv4 Addressing, Performing Route Summarization, Plan for a Hierarchical IP Address Network, Private and Public IP Address and NAT Guidelines, Steps for Creating an IPv4 Address Plan, Internet Protocol Version 5 Design, IPv6 Header, IPv6 Address Representation, IPv6-Comparable IPv6 Addresses IPv6 Prefix Representation IPv6 Address Scope Types and Address Allocations, ICMPv6, DHCPv6, DHCPv6 Lite IPv6 Security IPv6 Routing Protocols RIPv6 OSPFv3, BGP4 Multiprotocol Extensions (MP-BGP) for IPv6, IPv6 Addressing Design, Planning for Addressing with IPv6, Route Summarization with IPv6 IPv6 Private Addressing, Dual-Stack Model Hybrid Model Service Block Model</p>	<p>Discussion on existing technology and concepts, board method, projector, Assignment on IPv4, Discussion and quiz on BGP, OSPF</p>	8	8	Completed



Month	Syllabus Unit - 4 Allotted Lectures :12 Intrnet Protocols and Case Study	Strategies Used	Planned	Taken	Remarks
	IPv6 Deployment Model Comparison IPv6 Comparison with IPv4, OSPF, BGP, Route Manipulation NSSAs Virtual Links OSPFv2 Router Authentication, BGP Neighbors eBGP, iBGP, ICMIP, IGMPv1 IGMPv2 IGMPv3 CGMP IGMP Snooping	Discussion on existing technology and concepts, board method, projector, discussion on various routing protocols	4	5	Completed
	Syllabus Unit - 5 Allotted Lectures :12 Managing Security, Network Management Protocols	Strategies Used	Planned	Taken	Remarks
	Managing Security Network Security Overview Security Legislation Security Threats Reconnaissance and Port Scanning Vulnerability Scanners Unauthorized Access Security Risks Targets Loss of Availability Integrity Violations and Confidentiality Breaches, Network Access Control Secure Services Encryption Fundamentals Encryption Keys VPN Protocols, Types of Firewalls Next-Gen Firewalls NAT Placement, Firewall Guidelines Firewall ACLs, Security Platform Solutions Security Management Network, Integrating Security into Network Devices IOS Security, Network Management Protocols, Simple Network Management Protocol SNMP Components, MIB SNMP Message Versions SNMPv1 SNMPv2 SNMPv3, Other Network Management Technologies RMON, RMON2 NetFlow Compared to RMON and SNMP, CDP LLDP Syslog	Discussion on existing technology and concepts, board method, projector, discussion on firewalls, security principals, SNMP, syslog	10	13	Completed

TOTAL: 63

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Month	lectures
December	9
January	22
February	20
March	9
TOTAL	60

Name of Teacher :	Lalita Singh
Subject :	Software Quality Assurance
Course, Class and Semester:	IT / TY / VI
Division :	A
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	47

Month	Syllabus Unit - 1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
December/ January	<p>Unit - I : Introduction to Quality:</p> <p>Historical Perspective of Quality, What is Quality? (Is it a fact or perception?), Definitions of Quality, Core Components of Quality, Quality View, Financial Aspect of Quality, Customers, Suppliers and Processes, Total Quality Management (TQM), Quality Principles of Total Quality Management, Quality Management Through Statistical Process Control, Quality Management Through Cultural Changes, Continual (Continuous) Improvement Cycle, Quality in Different Areas, Benchmarking and Metrics, Problem Solving Techniques, Problem Solving Software Tools. Software Quality: Introduction, Constraints of Software Product Quality Assessment, Customer is a King, Quality and Productivity Relationship, Requirements of a Product, Organisation Culture, Characteristics of Software, Software Development Process, Types of Products, Schemes of Criticality Definitions, Problematic Areas of Software Development Life Cycle, Software Quality Management, Why Software Has Defects? Processes Related to Software Quality, Quality Management System Structure, Pillars of Quality Management System, Important Aspects of Quality Management.</p>	<p>discussion of current concept, group discussion, writing practice</p> 	12	12	Completed

Month	Syllabus Unit -2 Allotted Lectures :12 Unit – II : Fundamentals of testing:	Strategies Used	Planned	Taken	Remarks
December/ January	<p>Introduction, Necessity of testing, What is testing? Fundamental test process, The psychology of testing, Historical Perspective of Testing, Definitions of Testing, Approaches to Testing, Testing During Development Life Cycle, Requirement Traceability Matrix, Essentials of Software Testing, Workbench, Important Features of Testing Process, Misconceptions About Testing, Principles of Software Testing, Salient Features of Good Testing, Test Policy, Test Strategy or Test Approach, Test Planning, Testing Process and Number of Defects Found in Testing, Test Team Efficiency, Mutation Testing, Challenges in Testing, Test Team Approach, Process Problems Faced by Testing, Cost Aspect of Testing, Establishing Testing Policy, Methods, Structured Approach to Testing, Categories of Defect, Defect, Error, or Mistake in Software, Developing Test Strategy, Developing Testing Methodologies (Test Plan), Testing Process, Attitude Towards Testing (Common People Issues), Test Methodologies/Approaches, People Challenges in Software Testing, Raising Management Awareness for Testing, Skills Required by Tester, Testing throughout the software life cycle, Software development models, Test levels, Test types, the targets of testing, Maintenance testing</p>	<p>discussion of current concept, group discussion, writing practice</p>	12	10	Completed

Month	Syllabus Unit -3 Allotted Lectures :12 Unit – III : Unit Testing: Boundary Value Testing:	Strategies Used	Planned	Taken	Remarks



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Normal Boundary Value Testing, Robust Boundary Value Testing, Worst-Case Boundary Value Testing, Special Value Testing, Examples, Random Testing, Guidelines for Boundary Value Testing, Equivalence Class Testing: Equivalence Classes, Traditional Equivalence Class Testing, Improved Equivalence Class Testing, Edge Testing, Guidelines and Observations. Decision Table-Based Testing: Decision Tables, Decision Table Techniques, Cause-and-Effect Graphing, Guidelines and Observations, Path Testing: Program Graphs, DD-Paths, Test Coverage Metrics, Basis Path Testing, Guidelines and Observations, Data Flow Testing: Define/Use Testing, Slice-Based Testing, Program Slicing Tools.

January

discussion of cuurent concept, group discussion, writing practice

12

09

Completed

Syllabus Unit -4 Alloted Lectures : 12

Unit -IV:Software Verification and Validation:

Introduction, Verification, Verification Workbench, Methods of Verification, Types of reviews on the basis od Stage Phase, Entities involved in verification, Reviews in testing lifecycle, Coverage in Verification, Concerns of Verification, Validation, Validation Workbench, Levels of Validation, Coverage in Validation, Acceptance Testing, Management of Verification and Validation, Software development verification and validation activities. V-test Model:Introduction, V-model for software, Testing during Proposal stage, Testing during requirement stage, Testing during test planning phase, Testing during design phase, Testing during coding, VV Model, Critical Roles and Responsibilities

Month

Febuary

Strategies Used

discussion of cuurent ,class test, assignments

Planned

12

Taken

07

Remarks

Completed

Month

Syllabus Unit -5 Alloted Lectures : 12

Syllabus Head

Planned

Taken

Done



Unit V - Levels of Testing:

Introduction, Proposal Testing, Requirement Testing, Design Testing, Code Review, Unit Testing, Module Testing, Integration Testing, Big-Bang Testing, Sandwich Testing, Critical Path First, Sub System Testing, System Testing, Testing Stages. Special Tests: Introduction, GUI testing, Compatibility Testing, Security Testing, Performance Testing, Volume Testing, Stress Testing, Recovery Testing, Installation Testing, Requirement Testing, Regression Testing, Error Handling Testing, Manual Support Testing, Intersystem Testing, Control Testing, Smoke Testing, Adhoc Testing, Parallel Testing, Execution Testing, Operations Testing, Compliance Testing, Usability Testing, Decision Table Testing, Documentation Testing, Training testing, Rapid Testing, Control flow graph, Generating tests on the basis of Combinatorial Designs, State Graph, Risk Associated with New Technologies, Process maturity level of Technology, Testing Adequacy of Control in New technology usage, Object Oriented Application Testing, Testing of Internal Controls, COTS Testing, Client Server Testing, Web Application Testing, Mobile Application Testing, eBusiness eCommerce Testing, Agile Development Testing, Data Warehousing Testing.

Feburary/
March

SIA	TEACHING PLAN	L. NO.	L. NO.	REMARKS
			12	discussion of cuurent concept, group discussion, writing practice
			09	Completed


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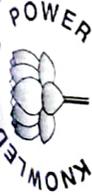
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Name of Teacher :	Lalita Singh	Month	No. of Practical	Batch A	Batch B
Subject :	Project Implementation	December	12	6	6
Course, Class and Semester:	IT / TY / VI	January	18	9	9
Division/ Batch :	A	February	24	12	12
Practicals Alloted for whole Seme	60	March	6	06	06
Actual Lectures Taken :	33	TOTAL	60	30	30

Month	Practical No	Practical	Planned	Taken	Remarks
December	1	CHAPTER 5: IMPLEMENTATION AND TESTING 5.1 Implementation Approaches 5.2 Coding Details and Code Efficiency 5.2.1 Code Efficiency	6	09	Completed

Month	Practical No	Topics	Planned	Taken	Remarks
January	2	5.3 Testing Approach 5.3.1 Unit Testing 5.3.2 Integrated Testing 5.3.3 Beta Testing 5.4 Modifications and Improvements 5.5 Test Cases	9	09	Completed



February	3	CHAPTER 6: RESULTS AND DISCUSSION 6.1 Test Reports 6.2 User Documentation CHAPTER 7: CONCLUSIONS 7.1 Conclusion 7.1.1 Significance of the System Limitations of the System 7.3 Future Scope of the Project	12	12	Completed
March	4	REFERENCES	3	3	Completed

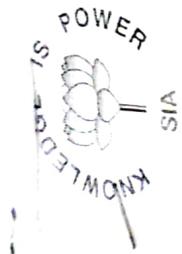
TOTAL: 3033


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Name of Teacher :	Rashmi Chindarkar	
Subject :	Software Engineering	
Course, Class and Semester:	IT / SY / IV	
Division :		
Lectures Alloted for whole Semester:	60	
Actual Lectures Taken :		

Month	Taken	Planned	Strategies Used	Remarks
December				
January				
February				
March				
TOTAL		7		

Month	Taken	Planned	Strategies Used	Remarks
November		7	voting technique, discussion, focus on live examples, projector	



Month	Syllabus Unit -2 Allotted Lectures :15 Socio-technical system,Requirements Engineering Processes	Strategies Used	Planned	Taken	Remarks
December	<p>Software Processes: Process and Project, Component Software Processes. Software Development Process Models. , Plan-driven and agile development, Extreme programming, Agile project management, Scaling agile methods. 12 II Socio-technical system:Essential characteristics of socio technical systems, Emergent System Properties, Systems Engineering, Components of Critical system: Types of critical system, A simple safety critical system.</p>	<p>discussion of current concept, live examples, commercial videos, group discussion</p>	15		
Month	<p>Syllabus Unit -3,4 Allotted Lectures :15 Architectural Design,Quality Management,Verification and Validation</p> <p>Requirements Engineering Processes: Feasibility study, Requirements elicitation and analysis, Requirements Validations, Requirements Management. System Models: Models and its types, Context Models, Behavioural Models, Data Models, Object Models, Structured Methods. III Architectural Design: Architectural Design Decisions. System Organisation, Modular Decomposition Styles, Control Styles. Reference Architectures. User Interface Design: Need of UI design, Design issues. The UI design Process, User analysis, User Interface Prototyping, Interface Evaluation. Project Management</p>	<p>discussion of current concept, live examples, commercial videos, debate</p>	19		



Month	Syllabus Unit -4,5 Alloted Lectures:12 Software Cost Estimation, Service Oriented Software Engineering:	Strategies Used	Planned	Taken	Remarks
February	<p>Quality Management: Process and Product Quality, Quality assurance and Standards, Quality Planning, Quality Control, Software Measurement and Metrics.</p> <p>12 IV Verification and Validation: Planning Verification and Validation, Software Inspections, Automated Static Analysis, Verification and Formal Methods.</p> <p>Software Testing: System Testing, Component Testing, Test Case Design, Test Automation.</p> <p>Software Measurement: Size-Oriented Metrics, Function-Oriented Metrics, Extended Function Point Metrics</p> <p>Software Cost Estimation: Software Productivity, Estimation Techniques, Algorithmic Cost Modelling, Project Duration and Staffing</p> <p>12 V Process Improvement: Process and product quality, Process Classification, Process Measurement, Process Analysis and Modeling, Process Change, The CMMI Process Improvement Framework.</p> <p>Distributed systems issues, Client-server computing, Architectural patterns for distributed systems, Software as a service</p>	<p>discussion of current concept, live examples, commercial videos, class test, group discussion</p>	19		

TOTAL: 60



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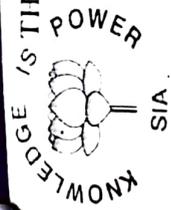
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The S.I.H.E. (S)

Name of Teacher :	Rashmi Chindarkar	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Software Engineering	January	30	15	15
Course, Class and Semes	IT / SY / IV	February	18	9	9
Division/ Batch :	A	March	24	12	12
Practicals Alloted for who	60	TOTAL	72	36	36
Actual Lectures Taken :					

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
December	1	Study and implementation of class diagrams.	15		
	2	Study and implementation of class diagrams.			
	3	Study and implementation of Entity Relationship Diagrams.			





Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	4	Study and implementation of Sequence Diagrams.	9		
	5	Study and implementation of State Transition Diagrams.			
February	6	Study and implementation of Data Flow Diagrams.	12		
	7	Study and implementation of Collaboration Diagrams.			
	8	Study and implementation of Activity Diagrams.			
	9	Study and implementation of Component Diagrams			
	10	Study and implementation of Deployment Diagrams			

TOTAL: 36

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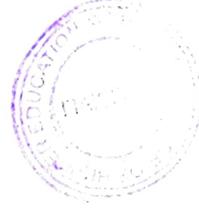


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Name of Teacher :	Sandhya Thakkar
Subject :	Business Intelligence
Course, Class and Semester:	IT / TY / VI
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
December	5
January	25
February	20
March	15
TOTAL	65

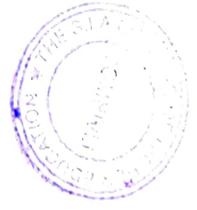
Month	Syllabus Unit -1 Allotted Lectures : 12		Planned	Taken	Remarks
	Business intelligence	Strategies Used			
December	Business intelligence: Effective and timely decisions, Data, information and knowledge, The role of mathematical models, Business intelligence architectures, Ethics and business intelligence	Power Point Presentation	5	5	Completed



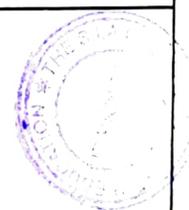


SIA	Decision support systems:	Power Point Presentation, Case Studies and Video lectures	10	8	(Completed)
January	Definition of system, Representation of the decision making process. Evolution of information systems, Definition of decision support system, Development of a decision support system				

Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
January	Mathematical models for decision making: Mathematical models for decision making: Structure of mathematical models, Development of a model, Classes of models Data mining: Definition of data mining, Representation of input data , Data mining process, Analysis methodologies Data preparation : Data validation, Data transformation, Data reduction	Presentation Slides	12	10	Completed



Month	Syllabus Unit -3 Alloted Lectures : 12		Planned	Taken	Remarks
	Strategies Used	Strategies Used			
February	<p>Classification : Classification problems, Evaluation of classification models, Bayesian methods, Logistic regression, Neural networks, Support vector machines</p> <p>Clustering: Clustering methods, Partition methods, Hierarchical methods, Evaluation of clustering models</p>	<p>Power Point Presentation, Case Studies and Video lectures</p>	12	10	Completed

Month	Syllabus Unit -4 Alloted Lectures:12		Planned	Taken	Remarks
	Strategies Used	Strategies Used			
March	<p>Business intelligence applications: Marketing models : Relational marketing, Sales force management, Logistic and production models : Supply chain optimization, Optimization models for logistics planning, Revenue management systems.Data envelopment analysis : Efficiency measures, Efficient frontier, The CCR model, Identification of good operating practices</p>	<p>Power Point Presentation, Case Studies and Video lectures</p> 	12	10	Completed

Month	Syllabus Unit -5 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
March	<p>Knowledge Management: Introduction to Knowledge Management, Organizational Learning and Transformation, Knowledge Management Activities, Approaches to Knowledge Management, Information Technology (IT) In Knowledge Management, Knowledge Management Systems Implementation, Roles of People in Knowledge Management Artificial Intelligence and Expert Systems: Concepts and Definitions of Ar tificial Intelligence, Artificial Intelligence Versus Natural Intelligence, Basic Concepts of Expert Systems, Applications of Expert Systems, Structure of Expert Systems, Knowledge Engineering, Development of Expert Systems</p>		12		Completed

TOTAL: 63 53

Principals



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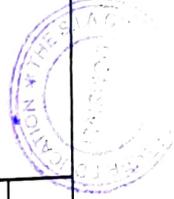
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Name of Teacher :	Sandhya Thakkar	Month		No. of Practicals Available		Batch A		Batch B	
Subject :	Business Intelligence	January		30		15		15	
Course, Class and Semes	IT / TY / VI	February		18		9		9	
Division/Batch :	A	March		24		12		12	
Practicals Alloted for who	60	TOTAL		72		36		36	
Actual Lectures Taken :									

Month	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
January	1	Import the legacy data from different sources such as (Excel , SqlServer, Oracle etc.) and load in the target system. (You can download sample database such as Adventureworks, Northwind, foodmart etc.)	15	2	Completed
	2	Perform the Extraction Transformation and Loading (ETL) process to construct the database in the Sqlserver.		1	
	3	a. Create the Data staging area for the selected database. b. Create the cube with suitable dimension and fact tables based on ROLAP, MOLAP and HOLAP model.		2	
	4	a. Create the ETL map and setup the schedule for execution		1	





SIAMonth	Practical No	Business intelligence (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
February	4	b. Execute the MDX queries to extract the data from the datawarehouse. a. Import the datawarehouse data in Microsoft Excel and create the Pivot table and Pivot Chart.	9	2	<i>[Signature]</i>
	5	b. Import the cube in Microsoft Excel and create the Pivot table and Pivot Chart to perform data analysis.		2	

March	6	Apply the what - if Analysis for data visualization. Design and generate necessary reports based on the data warehouse data.	12	2	<i>[Signature]</i>
	7	Perform the data classification using classification algorithm.		2	
	8	Perform the data clustering using clustering algorithm		2	
	9	Perform the Linear regression on the given data warehouse data		2	

April	10	Perform the logistic regression on the given data warehouse data		2	
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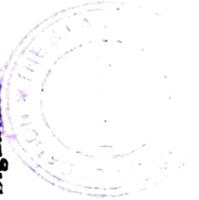
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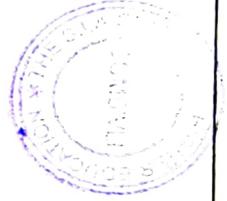
Name of Teacher :	Rashmi Chindarkar
Subject :	IT Service Management
Course,Class and Semester:	IT / TY / VI
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	54

Month	No of lectures Available
December	7
January	15
February	19
March	19
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	IT Service Management				
December	Introduction, What is service management? What are services? Business Process, Principles of Service management: Specialisation and Coordination, The agency principle, Encapsulation, Principles of systems, The service Life Cycle, Functions and processes across the life cycle. Service Strategy Principles: Value creation, Service Assets, Service	voting technique, discussion, focus on live examples, projector	7	06	UNIT - I Completed



Month	Syllabus Unit -2 Allotted Lectures :15		Strategies Used	Planned	Taken	Remarks
	Strategy, Challenges, Critical Success factors and					
January	Value creation, Service Assets, Service Provider Service Structures, Service Strategy Principles. Service Strategy: Define the market, Develop the offerings, Develop Strategic Assets, Prepare for execution. Challenges, Critical Success factors and risks: Complexity, Coordination and Control, Preserving value, Effectiveness in measurement, Risks		discussion of current concept, live examples, commercial videos, group discussion	15	15	UNIT - II completed Hyabimdelce
Month	Syllabus Unit -3,4 Allotted Lectures :15		Strategies Used	Planned	Taken	Remarks
	Service Design					
February	Fundamentals, Service Design Principles: Goals, Balanced Design, Identifying Service requirements and identifying and documenting business requirements and drivers, Design activities, Design aspects, Subsequent design activities, Design constraints, Service oriented architecture, Business Service Management, Service Design Models, Service Design Processes: Service Catalogue Management, Service Level Management, Capacity Management, Availability Management, IT Service Continuity Management, Information Security Management, Supplier Management		discussion of current concept, live examples, commercial videos, debate	19	17	UNIT - 3 started Hyabimdelce



Month	Syllabus Unit -4,5 Alloted Lectures:12 Service Transition, Service Transition Processes	Strategies Used	Planned	Taken	Remarks
March	<p>Service Transition: Fundamentals, Service Transition Principles: Principles Supporting Service Transition, Policies for Service Transition Service Transition Processes: Transition planning and support, Change Management, Service Asses Configuration Management, Service and Deployment Management, Service Validation and Testing, Evaluation, Knowledge Management. Challenges, Critical Success factors and risks:Challenges, Critical Success factors, Risks, Service Transition under difficult Conditions. 12 IV Service Operation: Fundamentals, Service Operation Principles: Functions, groups, teams, departments and divisions, achieving balance in service operations, Providing service, Operation staff involvement in service design and service transition, Operational Health, Communication, Documentation Service Operation Processes:Event Management, Incident Management, Request fulfilment, Problem Management, Access Management, Operational activities of processes covered in other lifecycle phases. Challenges, Critical Success factors and risks:Challenges, Critical Success factors, Risks</p>	<p>discussion of current concept, live examples, commercial videos, class test, group discussion</p>	19	16	<p>UNIT-IV Completed</p> <p>UNIT-V Completed</p>



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TOTAL: 60

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TEACHING PLAN 2019-2020

Month	No of lectures Available
November	12
December	10
January	20
February	18
TOTAL	60

Name of Teacher :	Sreekala Nair
Subject :	COMPUTER ORIENTED STATISTICAL IT / SY / IV
Course, Class and Semester:	
Division :	60
Lectures Allotted for whole Semester:	57
Actual Lectures Taken :	

Month	Syllabus Unit - 1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
November	The Mean, Median, Mode and Other Measures of Central Tendency, Types of Central Tendency, Relation between AM, GM & HM, Quartiles, Deciles, Percentiles The Standard Deviation and Other Measures of Dispersion, Types of Dispersion, Charlie's check, Sheppard's correction, Absolute and Relative dispersion, Standardized variable	Real life Examples, Think - Pair and Share method	12	09	NOV-06 Dec-03 Completed

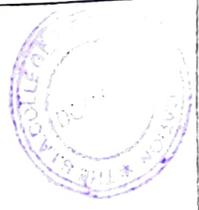


Month	Syllabus Unit -2 Allotted Lectures :12	Planned	Taken	Remarks
December & January	Moments,Skewness and Kurtosis	10	07	Completed
	Computation of Moments,,Charlie's check,Sheppard's correction,Computation of Skewness and Kurtosis			
	Elementary Probability Theory			
	Conditional Probability,Probability distribution,Mathematical Expectation,Relation between Population,Sample Mean and Variance,Combinations,Euler or Venn diagrams and Probability			
	Elementary Sampling Theory			
Random samples and Random numbers,Sampling with and without Replacement.				

Month	Syllabus Unit -3 Allotted Lectures :12	Planned	Taken	Remarks
January	Statistical Estimation Theory	12	12	Completed
	Estimation of Parameters, Unbiased Estimates, Efficient Estimates, Point Estimates and Interval Estimates, Their Reliability, Confidence Interval Estimates of Population Parameters, Probable Error, Statistical Decision Theory			



	Chalk & Board	Planned	Taken	Remarks
<p>Statistical Decisions, Statistical Hypotheses, Tests of Hypotheses and Significance, or Decision Rules, Type I and Type II Errors, Level of Significance, Tests Involving Normal Distributions, Two Tailed and One Tailed Tests, Special Tests, Operating Characteristic Curves; the Power of a Test, p-Values for Hypotheses Tests, Control Charts, Tests Involving Sample Differences, Tests Involving Binomial Distributions</p>	<p>Strategies Used</p>	<p>18</p>	<p>Jan = 08 Feb = 10 Completed</p>	
<p>Month</p>	<p>Syllabus Unit -4 Allotted Lectures :12</p>	<p>18</p>	<p>Real life examples, Problem solving</p>	
<p>February</p>	<p>Small Sampling Theory Small Samples, Student's t Distribution, Confidence Intervals, Tests of Hypotheses and Significance, The Chi Square Distribution, Confidence Intervals for Sigma, Degrees of Freedom, The F Distribution</p> <p>The Chi Square Test Observed and Theoretical Frequencies, Definition of chi-square, Significance Tests, The Chi-Square Test for Goodness of Fit, Contingency Tables, Yates' Correction for Continuity, Simple Formulas for Computing chi-square, Coefficient of Contingency, Correlation of Attributes, Additive Property of chi-square</p>	<p>18</p>	<p>Completed</p>	



Name of Teacher :	Shilpa Nimbre
Subject :	Cyber Law
Course, Class and Semester:	B.S.C.I.T. / TY / VI
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	

Month	No of lectures Available
December	5
January	21
February	17
March	9
TOTAL	52

Month	Syllabus Unit - 1 Allotted Lectures : 7	Strategies Used	Planned	Taken	Remarks
December	<p>Power of Arrest Without Warrant Under the IT Act, 2000: A Critique, Crimes of this Millennium, Section 80 of the IT Act, 2000 – A Weapon or a Farce? Forgetting the Line Between Cognizable and Non-Cognizable Offences, Necessity of Arrest without Warrant from Any Place, Public or Otherwise, Check and Balances Against Arbitrary Arrests. Arrest for “About to Commit” an Offence Under the IT Act: A Tribute to Draco, Arrest, But NO Punishment!</p>	discussion, focus on live examples, projector	5	6	completed

Month	Syllabus Unit -1.2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
January	<p>Cyber Crime and Criminal Justice: Penalties, Adjudication and Appeals Under the IT Act,2000: Concept of "Cyber Crime " and the IT Act , 2000, Hacking, Teenage Web Vandals, Cyber Fraud and Cyber Cheating, Virus on the Internet, defamation, Harassment and Email Abuse, Cyber pornography, Other IT Act Offences, Monetary Penalties, Adjudication and Appeals Under IT Act , 2000, Network Service Providers, Jurisdiction and Cyber Crime, Nature of Cyber Criminality, Strategies to Tackle Cyber Crime and Trends, Criminal Justice in India and Implications on Cyber Crime.</p>		7	7	completed
	<p>Contracts in the Infotech World: Contracts in the Infotech World, Click-Wrap and Shrink-Wrap Contract: Status under the Indian Contract Act, 1872, Contract Formation Under the Indian Contract Act, 1872, Contract Formation on the Internet, Terms and Conditions of Contracts.</p>	<p>discussion of current concept, live examples, commercial videos, group discussion</p>	7	7	completed
	<p>Jurisdiction in the Cyber World: Questioning the Jurisdiction and Validity of the Present Law of Jurisdiction, Civil Law of Jurisdiction in India, Cause of Action, Jurisdiction and the Information Technology Act,2000, Foreign Judgements in India, Place of Cause of Action in Contractual and IPR Disputes, Exclusion Clauses in Contracts, Abuse of Exclusion Clauses, Objection of Lack of Jurisdiction, Misuse of the Law of Jurisdiction, Legal Principles on Jurisdiction in the United State of America, Jurisdiction Disputes w.r.t. the Internet in the United State of America.</p>		6	5	completed

Month	Syllabus Unit -3,4 Allotted Lectures :19		Strategies Used	Planned	Taken	Remarks
February	<p>Battling Cyber Squatters and Copyright Protection in the Cyber World: Concept of Domain Name and Reply to Cyber Squatters, Meta-Tagging, Legislative and Other Innovative Moves Against Cyber Squatting, The Battle Between Freedom and Control on the Internet, Works in Which Copyright Subsists and meaning of Copyright, Copyright Ownership and Assignment, License of Copyright, Copyright Terms and Respect for Foreign Works, Copyright Infringement, Remedies and Offences, Copyright Protection of Content on the Internet; Copyright Notice, Disclaimer and Acknowledgement, Downloading for Viewing Content on the Internet, Hyper-Linking and Framing, Liability of ISPs for Copyright Violation in the Cyber World: Legal Developments in the US, Napster and its Cousins: A Revolution on the Internet but a Crisis for Copyright Owners, Computer Software Piracy.</p>		discussion of current concept, live examples, commercial videos, class test, practicals	11	10	completed

Month	Syllabus Unit -3,4 Allotted Lectures:19		Strategies Used	Planned	Taken	Remarks
February	<p>E-Commerce Taxation: Real Problems in the Virtual World: A Tug of War on the Concept of „Permanent Establishment“, Finding the PE in Cross Border E-Commerce, The United Nations Model Tax Treaty, The Law of Double taxation Avoidance Agreements and Taxable Jurisdiction Over Non-Residents, Under the Income Tax Act, 1961, Tax Agents of Non-Residents under the Income Tax Act, 1961 and the Relevance to E-Commerce, Source versus Residence and Classification between Business Income and Royalty, The Impact of the Internet on Customer Duties, Taxation Policies in India: At a Glance.</p>		discussion of current concept, live examples, commercial videos, class test, hands on practicals	7	9	completed

Month	Syllabus Unit -4, SA allotted Lectures:19	Strategies Used	Planned	Taken	Remarks
March	Digital Signature, Certifying Authorities and E-Governance: Digital Signatures, Digital Signature Certificate, Certifying Authorities and Liability in the Event of Digital Signature Compromise, E-Governance in India: A Warning to Babudom!	discussion of current concept, live examples, commercial videos, class test, hands on practicals	4	4	completed
	The Indian Evidence Act of 1872 v. Information Technology Act, 2000: Status of Electronic Records as Evidence, Proof and Management of Electronic Records; Relevancy, Admissibility and Probative Value of E-Evidence, Proving Digital Signatures, Proof of Electronic Agreements, Proving Electronic Messages, Other Amendments in the Indian Evidence Act by the IT Act, Amendments to the Bankers Books Evidence Act, 1891 and Reserve Bank of India		7	6	completed
	Protection of Cyber Consumers in India: Are Cyber Consumers Covered Under the Consumer Protection Act? Goods and Services, Consumer Complaint, Defect in Goods and Deficiency in Services, Restrictive and Unfair Trade Practices, Instances of Unfair Trade Practices, Reliefs Under CPA, Beware Consumers, Consumer Foras, Jurisdiction and Implications on cyber Consumers in India, Applicability of CPA to Manufacturers, Distributors, Retailers and Service Providers Based in Foreign Lands Whose Goods are Sold or Services Provided to a Consumer in India. Amendments in Indian IT Act 2000		8	7	completed
TOTAL:			62	56	

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Name of Teacher :	Shilpa Nimbre	Month	No. of Practicals Available	Batch A	Batch B
Subject :	Advanced Mobile Programming	December	6	3	3
Course, Class and Semes	IT / SY / IV	January	30	15	15
Division/ Batch :	A	February	15	9	6
Practicals Alloted for who	60	March	12	6	6
Actual Lectures Taken :		TOTAL	63	33	30

Month	Practical No	Advanced Mobile Programming (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
December	1	Introduction to Android, Introduction to Android Studio IDE, Application Fundamentals	3	3	completed
January	2	Android Resources: (Color, Theme, String, Drawable, Dimension, Image)	15	12	completed
	3	Programming Activities and fragments			
	4	Programs related to different Layouts			

Month	Practical No	Advanced Mobile Programming (per Batch 3 practicals are allotted)	Planned	Taken	Remarks
February	5	Programming UI elements	9	9	completed
	6	AppBar, Fragments, UI Components			
		Programming menus, dialog, dialog fragments			
March	7	Programs on Intents, Events, Listeners and Adapters The Android Intent Class, Using Events and Event Listeners	9	3	completed
	8	Programs on Services, notification and broadcast receivers			
	9	Database Programming with SQLite			
	10	Programming Media API and Telephone API			
	11	Programming Security and permissions			

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TOTAL:

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**THE S.I.A. COLLEGE OF HIGHER EDUCATION, DOMBIVILI - E
TEACHING PLAN 2020-21**

Name of Teacher :		Ranjana Mhalgi	
Subject :		Management Accounting	
Course, Class and Semester:		Banking & Insurance, SY BI, Sem -III	
Division :			
Lectures Allotted for whole Semester:			
Actual Lectures Taken :		60	
		Strategies Used	
		NO OF LECTURES	REMARKS
		PLANNED	TAKEN
2020-21	Syllabus Unit -1 Allotted Lectures : 15		
MONTH	Introduction to Management Accounting	14	10
	Meaning, scope, obj, diff, functions, Role, tools.		completed
	Syllabus Unit -2 Allotted Lectures : 15		
JULY	ANALYSIS OF FINANCIAL STATEMENT		4
	Introduction , Uses, Users, Format of		
	Vertical B/S and Income statement and Problems		
	Unit 2 CONTD		10
	Ratio Analysis--- Introduction, Types,adv		
	, limitations, Problems on Ratio analysis		
	Syllabus Unit -3 Allotted Lectures : 15	14	
	WORKING CAPITAL MANAGEMENT		2
	Concept, nature, requirements, estimation,		
	operating cycle- meanlrg and Sums.		
Problems on working capital estimation			
August	Unit 3 CONTD		10
	Problems on working capital estimation		
	Syllabus Unit -4 Allotted Lectures : 15		
	Problem solving		



SEPT		PROFITTS & DIVIDEND POLICY			
	Meaning, types, factors, forms dividend policy & Bonus shares. legal and tax aspects.	explanation and solving practical problems, on excel sheet, Assignment problems	16	5	completed
	Problems on dividend policy & Bonus shares				
	Unit 4 CONTD				
OCT	Problems on dividend policy & Bonus shares		8	10	completed
NOV & DEC	Revision lectures			9	completed
TOTAL			52	60	

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THE S.I.A. COLLEGE OF HIGHER EDUCATION, DOMBIVILI - E
TEACHING PLAN 2020-21

Name of Teacher :		Ranjana Mhalgi			
Subject :		Mutual Fund Management			
Course, Class and Semester:		Banking & Insurance, SY BI, Sem - III			
Division :					
Lectures Allotted for whole Semester:					
Actual Lectures Taken :		45			
Syllabus Unit -1 Allotted Lectures : 15		Strategies Used			
Month 2020	INTRODUCTION TO MF	Explanation using PPT Presentation	Planned	Taken	Remarks
	Meaning, features, advantages, disadvantages, ethics, entities	Video lectures	12	10	Completed
	legal framework, role of SEBI, RBI, AMFI.				
	Guidelines on advertising, taxation, investor protection, MF regulation, grievances.				
	MF regulation, grievances.				
AUGUST	Syllabus Unit -II Allotted Lectures : 20	Explanation using PPT Presentation	12	7	
	CLASSIFICATION OF MF	Video lectures			
	Introduction, classification, features,				
	NAV - meaning, Sums on NAV				
SEPT	Syllabus Unit -III Allotted Lectures : 15	Explanation using PPT Presentation	12	10	
	FUND SELECTION CRITERIA	Video lectures			
	Fund rating & ranking by CRISIL, ICRA, CARE				
	Sums on Yield to Maturity & BOND valuation				
OCT	Syllabus Unit -IV Allotted Lectures : 10	Explanation using PPT Presentation	12	10	
	FINANCIAL PLANNING	Video lectures			
	Basics, lifecycle, wealth cycle, investors guide,				



	Financial advisor, developing model portfolio				
NOV &	UNIT IV CONTD				
DEC	REVISION LECTURES				
	TOTAL LECTURES			56	45

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THE S.I.A. COLLEGE OF HIGHER EDUCATION, DOMBIVILI - E
TEACHING PLAN 2019-20 - 2\1

Name of Teacher :		Ranjana Mhalgi			
Subject :		FINANCIAL REPORTING & ANALYSIS			
Course, Class and Semester:		Banking & Insurance, IV BI, Sem - IV			
Division :					
Lectures Alloted for whole Semester:					
Actual Lectures Taken :		62			
Month 2020	Syllabus Unit -1 Allotted Lectures : 16	Strategies Used	Planned	Taken	Remarks
JULY	BANK FINAL ACCOUNTS	explanation and solving practical problems, on excel sheet	16	14	Completed
	Preparation & presentation of P&L A/C & B/S of bank in accordance with Banking Regulation Act, 1949	Assignment problems			
AUGUST	Syllabus Unit -II Allotted Lectures : 12				
	INSURANCE FINAL ACCOUNTS	explanation and solving practical problems, on excel sheet			
	Preparation & presentation of Corporate Final A/C.	Assignment problems	12	12	
	Schedules of P&L A/C & B/S.				
	Practical problems				
SEPT	Syllabus Unit -IV Allotted Lectures : 12				
	FINANCIAL analysis & Interpretation	explanation and solving practical problems, on excel sheet			
	Cash Flow Statement	Assignment problems	12	13	
	Practical problems				



THE S.I.A. COLLEGE OF HIGHER EDUCATION, DOMBIVILI -E
TEACHING PLAN 2020-21

Name of Teacher :		Ranjana Mhalgi		
Subject :		Cost Accounting		
Course, Class and Semester:		B&I / SY / IV		
Division :				
Lectures Alloted for whole Semester:				
Actual Lectures Taken :		43		
20-21	Syllabus Unit -1 Allotted Lectures : 10	Planned	Taken	Remarks
Month				
January	Unit 1 :INTRODUCTION TO COST ACCOUNTANT Meaning & concept of cost, costing, cost accounting objectives & scope, advantages, limitations	16	8	completed
	cost centres & cost units, Difference between cost & financial accounts, cost elements & behavoiur,			
	Syllabus Unit -2 Allotted Lectures : 15		8	completed
	Unit : 2 CLASSIFICATION OF COST , COST SHEET			
	Cost classification, cost sheet, total costs, unit cost	14	6	completed
February	Unit 2 CONTD			
	Practical problems			
	RECONCILIATION:			
	Meaning, reasons, proforma of Reconciliation statement			
	Practical problems		8	completed
	Syllabus Unit -3 Allotted Lectures : 20			
	INTRODUCTION TO MARGINAL COSTING			
	Meaning, Marginal Costing Concepts,	15	2	completed
March	Unit 3 CONTD			
	Applications, Advantages, Limitations, Break even Analysis			



THE S.I.A. COLLEGE OF HIGHER EDUCATION, DOMBIVILI -E
TEACHING PLAN 2020-21

Name of Teacher :	Ranjana Mhalgi	
Subject :	Central Banking	
Course, Class and Semester:	B&I / TY / VI	
Division :		
Lectures Alloted for whole Semester:		
Actual Lectures Taken :	37	

20-21 Month		Strategies Used	Planned	Taken	Remarks
January	Syllabus Unit -1 Allotted Lectures : 12				
	An Overview of Central Banking	Explanation using PPT			
	Concept of Central Banking, Institutional Growth of Central Banking, The Changing Face of Central Banking. Role of Central Banks: Determination of Goals, Inflation Targeting, Exchange Rate Targeting, Money Supply Targeting, Money Growth Targeting, Viable Alternatives to Central Bank, Central Banking in India. Contemporary Issues, Autonomy and Independence, Credibility, Accountability and Transparency of a Central Bank.	Explanation using PPT Presentation Group discussion on Role & functions of Central Bank	8	7	com pleted
	Syllabus Unit -II Allotted Lectures : 12				
	RBI as the Central Bank of India				
	Policy Framework for RBI: Organizational Framework, Operational Framework – Role as a Central Banker, Promotional Role of RBI, Regulatory Role of RBI. RBI and Monetary Policy Macroeconomic Policies: Meaning & Objectives. Monetary Policy- Meaning & Objectives	Explanation using PPT Presentation , Videos. MCQs assignments	8	7	com pleted
	Syllabus Unit -2 contd				
	Monetary Policy in India - Goals, Targets and Instruments A Brief Overview of Fiscal Policy, Striking Balance between Inflation and Growth through Monetary and Fiscal Policies	Explanation using PPT Presentation Quiz on RBI & Monetary Policy Open book assignments	4	4	
	Syllabus Unit -iii Allotted Lectures : 12				
	Supervisor Role of RBI				



February	Regulation and Supervision: Need for Regulation and Supervision, Banking Regulation Act, 1949, Banking Regulation and Supervision, Functions of the Department of Supervisory, Regulations Review Authority, Unified Regulator v/s Multiple Regulators. RBI – On-site Inspection and Off-site Monitoring and Surveillance: The Core Principles for Effective Supervision – On-site Examination – Off-site Surveillance – On-site Inspection and Off-site Monitoring in India – Off-site Monitoring in Different Countries – Computerized Off-site Monitoring and Surveillance (OSMOS). RBI and Financial System, Introduction, Functions, Characteristics of Financial System, Role of RBI in Regulating Financial System and Financial Sector Reforms.	Explanation using PPT Presentation and videos. Group discussions, Home assignments	12	10	com pleted
March	Syllabus Unit -IV Allotted Lectures : 12 Central Bank in other Countries Federal Reserve System – Bank of England – The European Central Banking, Bank of Japan, Peoples Bank of China Interconnectivity of Central Banks with Other International Financial Institutions, ADB, IMF, World Bank, and BIS, (Objectives, Role and Functions) Syllabus Unit -V Allotted Lectures : 12 Central Banking in Cyber World: E -Banking, E- money, IT induced Changes and Monetary Policy, E- payments, Risks in the New IT Era, Impact of IT, Globalization and Central Banks.	Explanation using PPT Presentation and vedios. Home assignments	6	6	com pleted
		Explanation using PPT Presentation Home assignments TOTAL:	4	3	com pleted
			42	37	

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THE S.I.A. COLLEGE OF HIGHER EDUCATION, DOMBIVILI -E
TEACHING PLAN 2020-21

Name of Teacher :	Ranjana Mhalgi
Subject :	Security Analysis & Portfolio Management
Course, Class and Semester:	B&I / TY / VI
Division :	
Lectures Alloted for whole Semester:	
Actual Lectures Taken :	41

2020-21 Month	Syllabus Unit -I Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
January	UNIT 1 :Portfolio Management – An Introduction & Pro	Explanation using PPT Presentation	14	12	Completed
	Investment, Meaning, Characteristics, Objectives, Investment V/s Speculation, Investment V/s Gambling and Types of Investors. Portfolio Management – Meaning, Evolution, Phases, Role of Portfolio Managers, Advantages of Portfolio Management. Portfolio Analysis – Portfolio Selection	prepare list of Marketable & Non Marketable securities.			
	Syllabus Unit -II Allotted Lectures : 12				
	UNIT 2 :Portfolio Management – Valuation	Explanation using PPT and Chalk & board for solving practical problems, Assignment Problems from previous years QP Case study on Portfolio Management.			
	Portfolio Revision – Meaning, Need, Constraints and Strategies. Portfolio Evaluation – Meaning, Need, Measuring Returns (Sharpe, Treynor and Jensen Ratios) and Decomposition of Performance.	Explanation using PPT and Chalk & board for solving practical problems, Assignment Problems from previous years QP. Activity : Quiz on objectives, Home assignments			
	Bond Valuation – Meaning, Measuring Bond Returns, Yield to Maturity, Yield to Call and Bond Pricing. Bond Pricing Theorems, Bond Risks and Bond Duration.				
	Syllabus Unit -III Allotted Lectures : 12				
	UNIT 3 : Fundamental Analysis				
	Economy Analysis – Meaning, Concept of Analysis, Industry Life Cycle, Industry Characteristics	Explanation using PPT Presentation			



Company Analysis – Financial Statements, Analysis of Financial Statements, and Assessment of Risk (Leverages), Problems on Ratio Analysis		Lecture method and Chalk & board for solving practical problems, Formulas writing competition,			
February	Syllabus Unit -IV Allotted Lectures : 12				
	Unit 4 : Technical Analysis Analysis, Price Chart, Line Chart, Bar Chart, Japanese Candlestick Chart, Trends and Trend Reversals, Chart Patterns, Support and Resistance, Reversal Patterns, Continuation Patterns and Elliot Wave Theory Mathematical Indicators – Calculation of Moving Averages (Simple and Exponential Moving Average), Oscillators and Relative Strength Index Market Indicators . Fundamental Analysis V/s Technical	Explanation using PPT Presentation , Chalk & board for solving practical problems, Activity : building technical analysis for companies listed on BSE/NSE & presentation of the same.	16	15	Completed
March	Syllabus Unit -V Allotted Lectures : 12				
	Unit 5 :Efficient Market Theory & CAPM The Efficient Market Hypothesis Forms of Market Efficiency Competitive Market Hypothesis CAPM – Fundamental Notions of Portfolio Theory, Assumption of CAPM, Efficient Frontier with Riskless Lending and Borrowing, Capital Market Line, Security Market Line and Pricing of Securities with CAPM.	Explanation using PPT Presentation , Chalk & board for solving practical problems, Objectives solving competition in groups, Assignment problems of previous exams	16	14	Completed
April	Stock Return, Expected Return on Stock, APT V/s CAPM.	Problem solving	8	5	
	TOTAL:		54	46	

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**Teaching Plan
Academic Year 2019-20**

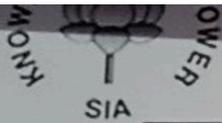
Name of Teacher :	Rasika Shinde
Subject :	Auditing
Course, Class and Semester:	BAF/FY/II
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	58

Month	No of lectures Available
November	12
December	16
January	16
February	16
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 16	Strategies Used	Planned	Taken	Remarks
	Introduction to Auditing				
November	Basics, Errors & Frauds, Principles of Auditing, Types, Accounting Concepts	<ul style="list-style-type: none"> • Lecture • Chalk and blackboard • PPT • Assignment 	12	12	

Month	Syllabus Unit -2 Allotted Lectures :18	Strategies Used	Planned	Taken	Remarks
	Audit Planning, Procedure & Documentation				
December	Audit Plan, Audit Programme, Audit Working papers, Audit Notebook	<ul style="list-style-type: none"> • Lecture • PPT • Cases • Chalk & Board • Assignment 	16	16	





Academic Year 2019-20

Month	Syllabus Unit -3 Alloted Lectures : 14	Strategies Used	Planned	Taken	Remarks
	Auditing Techniques				
January	Test Check, Audit Sampling, Internal Control, Internal Check	<ul style="list-style-type: none"> Lecture PPT Cases Chalk & Board Assignment 	16	14	

Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Internal Audit				
February	Meaning, Basic Principles of Internal Audit, Objectives, Evaluation, Usefulness, Internal vs External Audit, Internal Check vs Internal Audit	<ul style="list-style-type: none"> Lecture PPT Assignment Q & A Case studies 	16	16	
TOTAL:			60	58	

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Teaching Plan
Academic Year 2019-20

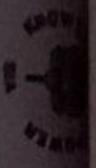
Name of Teacher :	Manju S.
Subject :	Business Law
Course, Class and Semester:	BAF / FY / II
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	42

Month	No of lectures Available
JANUARY	6
FEBRUARY	14
MARCH	16
APRIL	6
TOTAL	42

Month	Syllabus Unit -1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Law of Contract 1872				
JAN	Nature of Contract, Classification of Contracts, Offer and Acceptance, Capacity of Parties to Contract, Free Consents, Consideration, Legality of Object, Agreement Declared Void, Performance of Contract, Discharge of Contract, Remedies for Breach of Contract Special Contracts: Indemnity, Guarantee, Bailment and Pledge, Agency	Discussion Method, PPT, Animated video on important case laws, Points to remember given, Test	18	16	

Month	Syllabus Unit -2 Allotted Lectures :15	Strategies Used	Planned	Taken	Remarks
	Sale of Goods Act 1930				
FEB	Formation of Contract of Sale, Goods and their Classifications, Price, Conditions and Warranties, Transfer of Properties in Goods, Performance of Contract of Sales, Unpaid Seller and his Rights, Sale by Auction, Hire Purchase Agreement	Discussion Method, PPT, Animated video on important case laws, Points to remember given, Quiz session.	12	12	





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Month	Syllabus Unit -> Allotted Lectures : 15 Negotiable Instrument Act 1881	Strategies Used Discussion Method, PPT, Points to remember given, MCQs Practice	Planned	Taken	Remarks
MARCH	Definition of Negotiable Instruments, Features of Negotiable Instruments, Promissory Note, Bill of Exchange and Cheque, Holder and Holder in due Course, Crossing of a Cheques, Types of Crossing, Dishonour and Discharge of Negotiable Instruments		12	10	
APRIL	Syllabus Unit -> Allotted Lectures: 15 Consumer Protection Act 1986 Salient Features, Definition of Consumers, Deficiency in Service, Defects in Goods	Strategies Used Discussion Method, PPT, Points to remember given, MCQs Practice	6	4	
Total			48	42	

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Teaching Plan
Academic Year 2019-2021

Subject :	FC (Introduction to Management)
Course, Class and Semester:	BAE/ SY/ SEM IV
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	38

January	15
February	14
March	10
April	7
TOTAL	46

Month	Syllabus Unit-1 Allotted Lectures : 5	Strategies Used	Planned	Taken	Remarks
	Introduction to Basic Management Concepts				
January	Introduction to Management, Definition of Management, Nature of Management, Objectives of Management, Administration vs Management, Levels of Management, Principles of Management	<ul style="list-style-type: none"> Lecture Powerpoint Presentations Q & A 	10	12	
	Syllabus Unit-2 Allotted Lectures :10	Strategies Used	Planned		Remarks
	Planning	<ul style="list-style-type: none"> Lecture Powerpoint Presentation Verbal Q & A Examples and Discussion Microsoft Form 10 Point Quiz 	7		

		Syllabus Unit -3 Allocated Lectures :10	Strategics Used	Planned	Taken	Remarks
February	Organising	Definition, nature and significance, Process of organisation, Principles of organisation, Formal and Informal organisation - features, advantages and disadvantages, Centralisation and decentralisation - factors, merits and demerits, Departmentation and Delegation.	<ul style="list-style-type: none"> Lecture Powerpoint Presentations Verbal Q & A Assignment 	8	10	
		Syllabus Unit -4 Allocated Lectures :10	Strategics Used	Planned	Taken	Remarks
		Staffing	<ul style="list-style-type: none"> Lecture Powerpoint Presentations Verbal Q & A 	8	9	
March						
		Syllabus Unit -4 Allocated Lectures :10	Strategics Used	Planned		Remarks
		Dressing and Controlling Meaning and Importance of dressing, Principles of Dressing, Leadership traits and Styles, Motivation - Importance and Factors		2	2	



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	Syllabus Unit -4 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Directing and Controlling				
April	Co-ordination – Meaning, features and Importance, Meaning and steps in controlling, Essentials of a good control system		7	5	
			TOTAL: 42	35	

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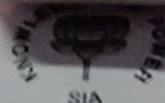
Teaching Plan
Academic Year 2019-20

Subject :	Business Environment
Course, Class and Semester:	BAF/ FY/ SEM II
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	24

August	
January	6
February	12
March	14
April	4
TOTAL	36

Month	Syllabus Unit -1 Allotted Lectures : 8	Strategies Used	Planned	Taken	Remarks
	Business and its Environment				
January	1. Business Objectives, Dynamics of Business and its Environment, Types of Business Environment. 2. Environmental Analysis: Importance, Factors, PESTEL Analysis, SWOT Analysis	<ul style="list-style-type: none"> • Lecture • Powerpoint Presentations • Q & A 	6	4	

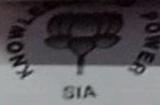




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Month	Syllabus Unit -2 Allotted Lectures :16	Strategies Used	Planned	Taken	Remarks
	Business and Society				
February	I. Business Ethics: Nature and Scope of Ethics, Ethical Dilemmas, Corporate Culture and Ethical Climate, 2. Development of Business Entrepreneurship: Entrepreneurship and Economic Development, Micro, Small and Medium Enterprises Development (MSMED) Act, 2006, Entrepreneurship as a Career Option, 3. Consumerism and Consumer Protection: Consumerism in India, Consumer Protection Act 1986	<ul style="list-style-type: none">• Lecture• Powerpoint Presentations• Verbal Q & AVideo Activity	8	10	
Syllabus Unit -3 Allotted Lectures :12					
Contemporary Issues					
March	I. Corporate Social Responsibility and Corporate Governance: Social Responsibility of Business, Ecology and Business, Carbon Credit, 2. Social Audit: Evolution of Social Audit, Benefits of Social Audit, Social Audit v/s Commercial Audit	<ul style="list-style-type: none">• Lecture• Powerpoint Presentation.• Verbal Q & A• Examples and DiscussionMicrosoft Form 10 Point Quiz	7	5	





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	Syllabus Unit -4 Allotted Lectures :14	Strategies Used	Planned	Taken	Remarks
	International Environment				
April	1. Strategies for going Global: MNCs and TNCs, WTO. 2. Foreign Trade in India- Balance of Trade, FDI Investment Flows and its Implication for Indian Industries	<ul style="list-style-type: none">LecturePowerpoint Presentation.Verbal Q & AExamples and DiscussionMicrosoft Form 10 Point Quiz	7	5	
	TOTAL		28	24	

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Teaching Plan
Academic Year 2019-20

Subject :	Business Communication II
Course, Class and Semester:	BAE/ FY/ SEM II
Division :	A
Lectures Alloted for whole Semester:	45
Actual Lectures Taken :	35

January	8
February	12
March	14
April	4
TOTAL	38

Month	Syllabus Unit-1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Presentation Skills				
January	Presentation, Skills for giving an effective presentation, Principles of making a good presentation, Do's And Don'ts of presentation, Methods of delivery, Nervousness, Different aids/ Tools for presentation.	<ul style="list-style-type: none"> * Lecture * Powerpoint Presentations * Q & A * Activity Short Video - Learning from the Masters 	4	5	

Month	Presentation Skills	Strategies Used	Planned	Taken	Remarks
February	Group PPT Presentation by students.	PPT Presentation by students. Feedback to students.	4	4	



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Syllabus Unit -2 Allotted Lectures :15		Strategies Used	Planned	Taken	Remarks
Group Communication					
Interview - Meaning, How the interviewers prepare, Types of interviewers, Interview selection process. Job interview process, How a candidate should prepare for an interview, , Types of interview questions, Alternative interview formats.		<ul style="list-style-type: none"> • Lecture • Powerpoint Presentations • Verbal Q & A Pop up Quiz Video 	4	3	

Group Communication		Strategies Used	Planned	Taken	Remarks
<p>Types of Interview, Drawbacks of interviewing, Group Discussions, Skills of GD, Ways to develop GD, Essentials of GD, Meeting - Introduction , Concept , Objectives & Essentials of Meeting.</p> <p>Meeting - Advantages & Disadvantages of meeting, Planning the meeting, Conducting the meeting - Role of Chairperson and participants.</p> <p>Managing group dynamics in a meeting , Secretary - Meaning, Types of secretary.</p>		<ul style="list-style-type: none"> • Lecture • Powerpoint Presentations • Verbal Q & A Video Activity 	7	5	



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Month	Group Communication	Strategies Used	Planned	Taken	Remarks
March	Functions of Company secretary, Notice of Meeting, Agenda, Resolution & Motion, Minutes, Explanation, Examples and Proforma. Conference- meaning, Advantages/Disadvantages, Types of conferences, Organising a conference, Do's and Don'ts, Contemporary Methods of organising conferences. Public Relations - Meaning, Definition, Aims, Need for Public Relation, The 'Publics' of PR, Functions of public relations department, Measures of External PR, Measures of Internal PR.	<ul style="list-style-type: none"> Lecture Powerpoint Presentation Verbal Q & A Examples and Discussion Microsoft Form 10 Point Quiz 	11	8	
	Syllabus Unit-3 Allotted Lectures: 15 Business Correspondence Trade Letters- Letter of Inquiry, Letters of complaints, Claims, adjustments, Promotion letters.	<ul style="list-style-type: none"> Lecture Powerpoint Presentations Verbal Q & A Assignment 	3	4	

Month	Business Correspondence	Strategies Used	Planned	Taken	Remarks
April	Extension letters, RTI, etc. Revision of all units.	<ul style="list-style-type: none"> Lecture Powerpoint Presentations Verbal Q & A 	4	6	
TOTAL			42	38	

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Teaching Plan
Academic Year 2019-20

Subject :	Business Communication I
Course,Class and Semester:	BAF/ FY/ SEM I
Division :	A
Lectures Alloted for whole Semester:	42
Actual Lectures Taken :	24

October	8
November	10
December	12
January	1
Total	31

Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Theory of communication				
October	Introduction about the subject, Concept and meaning of communication, Definition, Characteristics of communication. Principles of effective communication, 7 Cs of communication. Process of communication - The 5 elements, Feedback.	• Lecture • PPT Activity • Verbal Q & A	8	3	Completed



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SIA Month	Syllabus Unit -1 Allotted Lectures : 10	Strategies Used	Planned	Taken	Remarks
	Theory of communication				
November	Importance of Communication in Business. Emergence of communication as a key concept in global and corporate world, Impact of technological advancement on communication, Channels of communication - Formal communication & Informal communication, Consensus & consultation, Objectives of communication, Methods of communication - Verbal & Non verbal methods. Gestures, Silence, Colour, Postures, Spatial Language, Signs. How to make oral communication effective. Modes of communication - Types .	• Lecture • PPT Activity • Verbal Q & A	10	8	Completed

Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Obstacles to communication in Business World				
December	Types of barriers, How to overcome org barriers. Types of listening, Barriers to listening, effective listening strategies. Characteristics, Importance & Advantages of Business Ethics, Ethics of workplace, Issues in computer ethics, Business ethics and media, Ethical challenges, Importance, Advantages & disadvantages of CSR. Ethical Issues & Delimnas - Business Practices - Surrogate advertising, piracy, child labour, e - waste , etc.	•• Lecture • PPT • Short Video • Activity • Microsoft Form Quiz Verbal Q & A	8	6	Completed





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Month	Syllabus Unit -3 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
	Business Correspondence				
December	Business letter writing, Parts of letter, Types of Layout of letter, Email, Personal correspondence, Job application letter, resume, other letters. Revision	<ul style="list-style-type: none"> •• Lecture • PPT • Activity • Assignment • Q & A 	4	6	Completed
Month	UNIT	Strategies Used	Planned	Taken	Remarks
January	Revision of all Units	Oral	1	1	Completed
TOTAL:			31	24	

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Teaching Plan
Academic Year 2019-20

Name of Teacher :	Dhanabalu Naikar
Subject :	Financial Accounting II
Course, Class and Semester:	BAF/FY/II
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	58

Month	No of lectures Available
November	12
December	16
January	16
February	16
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 16	Strategies Used	Planned	Taken	Remarks
	Accounting for Incomplete Records				
November	Introduction Problems On Preparation of Final Accounts of Sole Trading Concern	<ul style="list-style-type: none"> • Lecture • Chalk and blackboard • PPT • Assignment 	12	12	

Month	Syllabus Unit -2 Allotted Lectures :18	Strategies Used	Planned	Taken	Remarks
	Consignment Accounts				
December	Accounting for Consignment Transactions Valuation of Stock Invoicing of Goods at Higher Price	<ul style="list-style-type: none"> • Lecture • PPT • Cases • Chalk & Board • Assignment 	16	16	



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Teaching Plan
Academic Year 2019-20

Name of Teacher :	Dhanabalu Naikar	Month	No of lectures Available
Subject :	Financial Accounting II	November	12
Course, Class and Semester:	BAF/FY/II	December	16
Division :	A	January	16
Lectures Allotted for whole Semester:	60	February	16
Actual Lectures Taken :	58	TOTAL	60

Month	Syllabus Unit -I Allotted Lectures : 16	Strategies Used	Planned	Taken	Remarks
	Accounting for Incomplete Records				
November	Introduction Problems On Preparation of Final Accounts of Sole Trading Concern	<ul style="list-style-type: none"> - Lecture - Chalk and blackboard - PPT - Assignment 	12	12	

Month	Syllabus Unit -2 Allotted Lectures :16	Strategies Used	Planned	Taken	Remarks
	Consignment Accounts				
December	Accounting for Consignment Transactions Valuation of Stock Invoicing of Goods at Higher Price	<ul style="list-style-type: none"> - Lecture - PPT - Cases - Chalk & Board - Assignment 	16	16	



Month	Syllabus Unit -3 Alloted Lectures : 14	Strategies Used	Planned	Taken	Remarks
	Branch Accounts				
January	Meaning & Classification of Branches Accounting for Dependent Branch Debitors Method Stock & Debtors Method	<ul style="list-style-type: none"> • Lecture • PPT • Cases • Chalk & Board • Assignment 	16	14	

Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Fire Insurance Claims				
February	Computation of Loss of Stock by Fire Ascertainment of Claim	<ul style="list-style-type: none"> • Lecture • PPT • Assignment • Q & A 	16	16	
TOTAL:			60	58	

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The S.I.A. College of Higher Education

Teaching Plan

Academic Year 2019-20

Course, Class and Semester: <i>Costing BBA/II</i>	BAF/FY/I
Division :	A
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	58

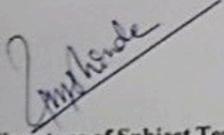
July	18
August	14
September	12
TOTAL	60

Month	Syllabus Unit -1 Allotted Lectures : 16	Strategies Used	Planned	Taken	Remarks
	Introduction to Cost Accounting				
June	Introduction, Objectives, Impotance, Difference Between Cost & Financial Accounting, Classification of Cost, Definitions	<ul style="list-style-type: none"> Lecture Chalk and blackboard PPT 	16	16	

Month	Syllabus Unit -2 Allotted Lectures : 18	Strategies Used	Planned	Taken	Remarks
	Material Cost				
July	Material Cost Procedure, Documentation, Stock Ledger, Stock Levels, EOQ	<ul style="list-style-type: none"> Lecture PPT Cases Chalk & Board Assignment 	18	16	

Month	Syllabus Unit -3 Alloted Lectures : 14	Strategies Used	Planned	Taken	Remarks
	Labour Cost				
August	Concept, Composition, Labour Cost Records, Overtime Idletime & Incentives Schemes	<ul style="list-style-type: none"> Lecture PPT Cases 	14	14	

Month	Syllabus Unit -4 Alloted Lectures:12	Strategies Used	Planned	Taken	Remarks
	Overheads				
September	Concept, Classification of Overheads, Apportionment & Absorption of Overheads	<ul style="list-style-type: none"> Lecture PPT Assignment 	12	12	
TOTAL:			60	58	


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The S.I.A. College of Higher Education

Teaching Plan
Academic Year 2019-20

Subject :	Business Economics - I
Course, Class and Semester:	BAF, FY, Sem - I
Division :	A
Lectures Alloted for whole Semester:	30
Actual Lectures Taken :	26

OCTOBER	6
NOVEMBER	10
DECEMBER	14
TOTAL	30

Month	Unit 1 and Unit 2	Strategies Used	Planned	Taken	Remarks
	Business Economics Introduction				
OCTOBER	Introduction to Business Economics, Demand and supply	Writing on Screen, Drawing diagrams on screen, Solving	6	6	
Month	Unit 3	Strategies Used	Planned	Taken	Remarks
NOVEMBER	Production, Cost and Revenue Theories of production, Cost concepts, shortrun costs and long run cost, Revenue	Writing on Screen, Drawing diagrams on screen, Solving problems	10	8	
Month	Unit 4	Strategies Used	Planned	Taken	Remarks
	Market and pricing Techniques				



DECEMBER	Concept of Markets, Various pricing techniques used	Writing on Screen, Drawing diagrams on screen, Solving problems	14	12	
		TOTAL:	30	26	

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TEACHING PLAN (B.V. I (EAST))
2020-21

Name of Teacher :	MANJU SASIKUMAR
Subject :	BUSINESS COMMUNICATION I
Course, Class and Semester:	BAF / FY / I
Division :	A
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	

Month	No of lectures Available
JULY	
AUGUST	
SEPTEMBER	
OCTOBER	
TOTAL	

Month	Syllabus Unit -I Allotted Lectures : 07	Strategies Used	Planned	Taken	Remarks
	THEORY OF COMMUNICATION				
July	Concept of Communication: Meaning, Definition, Process, Need, Feedback Emergence of Communication as a key concept in the Corporate and Global world Impact of technological advancements on Communication	PPT			
	Channels and Objectives of Communication: Channels- Formal and Informal- Vertical, Horizontal, Diagonal, Grapevine	PPT, THINK, PAIR AND SHARE			
	Objectives of Communication Information, Advice, Order and Instruction, Persuasion, Motivation, Education, Warning, and Boosting the Morale of Employees (A brief introduction to these objectives to be given)	PPT, DISCUSSION			
	Methods and Modes of Communication				



EDUCATION, BIVLI(EAST)
TEACHING PLAN 2018-2019

SIA	Methods: Verbal and Nonverbal, Characteristics of Verbal Communication Characteristics of Non-verbal Communication, Business Etiquette Modes: Telephone and SMS Communication 3 (General introduction to Telegram to be given) Facsimile Communication [Fax] Computers and E- communication Video and Satellite Conferencing	PPT, DISCUSSION	14	13	
Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Obstacles to Communication in Business World				
	Problems in Communication /Barriers to Communication				
	Physical/ Semantic/Language / Socio-Cultural / Psychological / Barriers, Ways to Overcome these Barriers	PPT, DISCUSSION			
	Listening				
	Importance of Listening Skills, Cultivating good Listening Skills - 4	PPT			
	Introduction to Business Ethics				



TEACHING PLAN 2018-2019

Month	Syllabus Unit -3 Alloted Lectures : 10	Strategies Used	Planned	Taken	Remarks
August	<p>Concept and Interpretation, Importance of Business Ethics, Personal Integrity at the workplace, Business Ethics and media, Computer Ethics, Corporate Social Responsibility Teachers can adopt a case study approach and address issues such as the following so as to orient and sensitize the student community to actual business practices: Surrogate Advertising, Patents and Intellectual Property Rights, Dumping of Medical/E-waste, Human Rights Violations and Discrimination on the basis of gender, race, caste, religion, appearance and sexual orientation at the workplace Piracy, Insurance, Child Labour 3</p>	PPT, DISCUSSION	14	15	
September	<p>Business Correspondence Theory of Business Letter Writing Parts, Structure, Layouts—Full Block, Modified Block, Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing</p>	CHALK AND BOARD, DISCUSSION			
	<p>Personnel Correspondence Statement of Purpose, Job Application Letter and Resume, Letter of Acceptance of Job Offer, Letter of Resignation [Letter of Appointment, Promotion and Termination, Letter of Recommendation (to be taught but not to be tested in the examination)]</p>	CHALK AND BOARD, DISCUSSION	14	11	
	<p>Syllabus Unit -4 Alloted Lectures:10 Language and Writing Skills</p>				
	<p>Commercial Terms used in Business Communication: Paragraph Writing</p>				



HIGHER EDUCATION, DOMBIVLI (EAST)
TEACHING PLAN 2018-2019

Month	Activities	DISCUSSION			
	Developing an idea, using appropriate linking devices, etc Cohesion and Coherence, self-editing, etc [Interpretation of technical data, Composition on a given situation, a short informal report etc.] Activities	DISCUSSION			
October	Listening Comprehension <input type="checkbox"/> Remedial Teaching <input type="checkbox"/> Speaking Skills: Presenting a News Item, Dialogue and Speeches <input type="checkbox"/> Paragraph Writing: Preparation of the first draft, Revision and Self - Editing, Rules of spelling. <input type="checkbox"/> Reading Comprehension: Analysis of texts from the fields of Commerce and Management	DISCUSSION	5	4	
		TOTAL	45		

Prof. Jyoti Wode

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Name of Teacher :	PARVATHY C S
Subject :	BUSINESS COMMUNICATION
Course, Class and Semester:	FYBAF - I
Division :	
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	32

Month	No of lectures Available
July	13
August	10
September	5
October	4
TOTAL	32

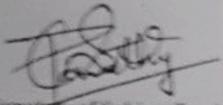
Month	Syllabus Unit -1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Theory of Communication				
July	Concept of communication, Channels and Objectives of Communication, Methods and Modes of Communication	Lecture, Powerpoint presentations, Notes	15	13	

Month	Syllabus Unit -2 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Obstacles to Communication in Business World				
August	Problems in Communication/ Barriers to Communication, Listening Skills, Introduction to Business Ethics	Lecture, Powerpoint Presentations	15	10	



Month	Syllabus Unit -3 Allotted Lectures -15 BUSINESS CORRESPONDENCE	Strategies Used	Planned	Taken	Remarks
September	Theory of Business Letter Writing, Personnel Correspondence	Lecture, Powerpoint presentation, Notes	6	5	

Month	Syllabus Unit -4 Allotted Lectures : 15 LANGUAGE AND WRITING SKILLS	Strategies Used	Planned	Taken	Remarks
October	Commercial Terms Used in Business Communication, Paragraph Writing	Lecture, Powerpoint presentation, Notes	5	4	
TOTAL:					


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Name of Teacher :	Parvathy C S
Subject :	Foundation Course
Course, Class and Semester:	FYBAF I
Division :	
Lectures Allotted for whole Semester:	45
Actual Lectures Taken :	32

Month	No of lectures Available
July	5
August	9
September	8
October	10
TOTAL	32

Month	Syllabus Unit -1 Allotted Lectures : 5	Strategies Used	Planned	Taken	Remarks
	Overview of Indian Society				
July	Multi-cultural Diversity of Indian Society, Demographic Composition / Population Distribution, Linguistic Diversity, Regional Variations, Diversity as Difference	<ul style="list-style-type: none"> • Lecture • Chalk and blackboard • PPT 	5	5	

Month	Syllabus Unit -2 Allotted Lectures :10	Strategies Used	Planned	Taken	Remarks
	Concept of Disparity -I				
August	Stratification and Inequality, Gender Disparities, Disparities and Disability	<ul style="list-style-type: none"> • Lecture • PPT • Cases • Chalk and board 	10	9	



Month	Syllabus Unit-2 Alloted Lectures : 10 Concepts/Disparities -2	Strategies Used	Planned	Taken	Remarks
September	Inequality and the caste-system, Inter-group Conflicts	<ul style="list-style-type: none"> • Lecture • PPT • Q & A 	10	8	

Month	Syllabus Unit-4 Alloted Lectures : 10 The Indian Constitution	Strategies Used	Planned	Taken	Remarks
October	Preamble of the Constitution, Structure of the Constitution, Fundamental Duties, Tolerance, Peace and Communal Harmony, Basic features of the Constitution	<ul style="list-style-type: none"> • Lecture • PPT • Assignment • Q & A 	6	5	
	Syllabus Unit-4 Alloted Lectures: 10 Significant aspects of Political Processes	Strategies Used	Planned	Taken	Remarks
	Political Party in India, Local Self-government in Urban Areas	<ul style="list-style-type: none"> • Lecture • PPT • Assignment • Q & A • Case studies 	6	5	
TOTAL:			39		


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Name of Teacher :	Franjalee Kurundkar
Subject :	Business Mathematics
Course, Class and Semester:	BAF / FY / II
Division :	A and B
Lectures Allotted for whole Semester:	60
Actual Lectures Taken :	60

Month	No of lectures Available
Jan	9
FEB	21
March	16
April	12
TOTAL	58

Month	Unit	Unit (I to V):Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
Jan FEB	I	Ratio, Proportion and Percentage Ratio- Definition, Continued ratio, Inverse Ratio. Proportion - Continued proportion, Direct proportion, Inverse proportion, Variation - Inverse variation, Joint variation Percentage- Meaning and computation of percentage	PPT AND PROBLEM SOLVING Tutorial, Quiz	15	13	
FEB	II	Profit and Loss Terms and formulae, Trade discount, Cash discount, problems involving cost price, selling price, trade discount, cash discount Introduction to Commission and brokerage - problems on commission and brokerage	PPT AND PROBLEM SOLVING Tutorial, Quiz	15	17	
MARCH APRIL	III	Interest and Annuity Simple interest, compound interest, Equated monthly instalments, reducing balance and flat rate of Stated annual rate and effective annual rate	PPT AND PROBLEM SOLVING Tutorial, Quiz Video	15	14	
FEB MARCH	IV	Shares and Mutual Fund Shares- Concept, face value, market value, dividend, Equity shares, preference shares, bonus shares, Mutual Fund- Simple problems on calculation of net income after entry load, exit load, dividend, change in net asset value	PPT AND PROBLEM SOLVING Tutorial, Quiz	15	16	
				60		

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Report of Teacher:	Request Received	Month	No. of Reports Available
For Subject: <u>Science</u> (Specify Year and Semester): <u>10th</u> (Specify Month): <u>May</u> (Specify Period): <u>1st</u> Actual Reports Taken: <u>10</u>	Requested Method: <u>May</u> <u>1st</u> <u>10</u>	<u>10/11</u>	

Sl. No.	Unit	Content (eg. 5) - Abundant Sources: 15	Source Used	Period	Value	Remarks
1	Measuring, Reporting and Estimating Meas: Exponential, Exponential rates, Percent Mass Proportions: Exponential proportions (from proportions, linear proportions, Variation: Measuring variation, Area variation Percentages: Measuring and computation of percentages Profit and Loss	LECTURE METHOD				
2	Percent and Similarity Simple interest, compound interest Exponential similarity relationships: Predicting behavior and the rate of spread interest rate and effective annual rate	LECTURE METHOD				
3	Mean and Standard Deviation Mean: Concept, Line of symmetry, center value, Standard Deviation, Variance, Probability theory, Normal theory Standard Deviation: Simple conditions for calculation of the mean, center point and line of symmetry, change in center value	LECTURE METHOD				

Subject Teacher

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 Date: *[Date]*

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Teaching Plan - (19-20)

Name of Teacher :	Tejaswini Shivsharan
Subject :	Image Processing
Course, Class and Semester:	M.Sc. IT / FY / II
Division :	
Lectures Allotted for whole Semester:	
Actual Lectures Taken :	

Month
December
January
February
March
TOTAL

Month	Syllabus	Strategies Used	Planned	Taken
	January	<p>Introduction: Digital Image Processing, Origins of Digital Image Processing, Applications and Examples of Digital Image Processing, Fundamental Steps in Digital Image Processing, Components of an Image Processing System, Digital Image Fundamentals: Elements of Visual Perception, Light and the Electromagnetic Spectrum, Image Sensing and Acquisition, Image Sampling and Quantization, Basic Relationships Between Pixels, Basic Mathematical Tools Used in Digital Image Processing, Intensity Transformations and Spatial Filtering: Basics, Basic Intensity Transformation Functions, Basic Intensity Transformation Functions, Histogram Processing, Fundamentals of Spatial Filtering, Smoothing (Lowpass) Spatial Filters, Sharpening (Highpass) Spatial Filters, Highpass, Bandreject, and Bandpass Filters from Lowpass Filters, Combining Spatial Enhancement Methods, Using Fuzzy Techniques for Intensity Transformations and Spatial Filtering</p>	<p>Presentation, discussions, smart teaching tools</p>	10



<p>January</p>	<p>Preliminary Concepts, Sampling and the Fourier Transform of Sampled Functions, The Discrete Fourier Transform of One Variable, Extensions to Functions of Two Variables, Properties of the 2-D DFT and IDFT, Basics of Filtering in the Frequency Domain, Image Smoothing Using Lowpass Frequency Domain Filters, Image Sharpening Using Highpass Filters, Selective Filtering, Fast Fourier Transform Image Restoration and Reconstruction: A Model of the Image Degradation/Restoration Process, Noise Models, Restoration in the Presence of Noise Only ---- Spatial Filtering, Periodic Noise Reduction Using Frequency Domain Filtering, Linear, Position-Invariant Degradations, Estimating the Degradation Function, Inverse Filtering, Minimum Mean Square Error (Wiener) Filtering, Constrained Least Squares Filtering, Geometric Mean Filter, Image Reconstruction from Projections</p>	<p>Presentation, discussions, smart teaching tools</p>	<p>10</p>	<p>06 (completed)</p>
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<p>Wavelet and Other Image Transforms: Preliminaries, Matrix-based Transforms, Correlation, Basis Functions in the Time-Frequency Plane, Basis Images, Fourier-Related Transforms, Walsh-Hadamard Transforms, Slant Transform, Haar Transform, Wavelet Transforms</p> <p>Color Image Processing: Color Fundamentals, Color Models, Pseudocolor</p> <p>Image Processing, Full-Color Image Processing, Color Transformations,</p> <p>Color Image Smoothing and Sharpening, Using Color in Image Segmentation,</p> <p>Noise in Color Images, Color Image Compression.</p> <p>Image Compression and Watermarking: Fundamentals, Huffman Coding,</p> <p>Golomb Coding, Arithmetic Coding, LZW Coding, Run-length Coding,</p> <p>Symbol-based Coding, 8 Bit-plane Coding, Block Transform Coding,</p> <p>Predictive Coding, Wavelet Coding, Digital Image Watermarking</p>	<p>Presentation, discussions, smart teaching tools</p>	<p>10</p>	<p>07 Completed</p>
<p>Morphological Image Processing: Preliminaries, Erosion and Dilation, Opening and Closing, The Hit-or-Miss Transform, Morphological Algorithms, Morphological Reconstruction, Morphological Operations on Binary Images, Grayscale Morphology Image Segmentation I: Edge Detection, Thresholding, and Region Detection: Fundamentals, Thresholding, Segmentation by Region Growing and by Region Splitting and Merging, Region Segmentation Using Clustering and Superpixels, Region Segmentation Using Graph Cuts, Segmentation Using Morphological Watersheds, Use of Motion in Segmentation</p>	<p>Presentation, discussions, smart teaching tools</p>	<p>10</p>	<p>06 Completed</p>

January

Feb



Feb

Image Segmentation II: Active contours, Snakes and Level Sets, Background, Image Segmentation Using Snakes, Segmentation Using Level Sets, Feature Extraction, Background, Boundary Preprocessing, Boundary Feature Descriptors, Region Feature Descriptors, Principal components as Feature Descriptors, Whole Image Features, Scale Invariant Feature Transform (SIFT)

Presentation, discussions, smart teaching tools


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Name of Teacher :	Shilpa Nimbre	Month	No. of Practicals Available
Subject :	Research in Computing	December	12
Course, Class and Semes	M.SC.I.T. / Part 1 / I	January	8
Division/Batch :			
Practicals Alloted for whole Semester:			20
Actual Lectures Taken :		TOTAL	

Month	Practical No	Research in Computing	Planned	Taken	Remarks
December	1.a	Write a program for obtaining on descriptive statistics of data.	1	1	} completed
	1.b	Import data from different data sources (from Excel, csv, mysql, sql server, oracle to R/Python/Excel)	1	1	
	2.a	Design a survey form for a given case study, collect the primary data and analyse it	2	1	
	2.b	Perform suitable analysis of given secondary data.	1	1	
	3.a	Perform testing of hypothesis using one sample t-test.	1	1	
	3.b	Perform testing of hypothesis using two sample t-test.	1	1	

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Month	Practical No	Research in Computing	Planned	Taken	Remarks
December	4 a	Perform testing of hypothesis using chi-squared goodness-of-fit test	2	2	completed
	4 b	Perform testing of hypothesis using chi-squared Test of Independence	1	1	
	5	Perform testing of hypothesis using Z-test.	1	1	
	6.a	Perform testing of hypothesis using one-way ANOVA.	1	1	
January	6.b	Perform testing of hypothesis using two-way ANOVA.	1	1	
	6.c	Perform testing of hypothesis using multivariate ANOVA (MANOVA).	1	1	
	7.a	Perform the Random sampling for the given data and analyse it.	1	1	
	7.b	Perform the Stratified sampling for the given data and analyse it.	1	1	
	8	Compute different types of correlation.	1	1	
	9.a	Perform linear regression for prediction.	1	1	
	9.b	Perform polynomial regression for prediction.	1	1	
	10.a	Perform multiple linear regression.	1	1	
10.b	Perform Logistic regression.	2	2		
TOTAL:			22	20	

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Name of Teacher :	Shilpa Nimbre
Subject :	Research in Computing
Course, Class and Semester :	M.Sc.I.T. / Part I / I
Division :	
Lectures Alloted for whole Semester :	60
Actual Lectures Taken :	

Month	No of lectures Available
August	1
September	17
October	18
November	16
December	16
TOTAL	52

Month	Syllabus Unit -1,2 Allotted Lectures : 24	Strategies Used	Planned	Taken	Remarks
August	Introduction: Role of Business Research, Information Systems and Knowledge Management, Theory Building, Organization ethics and Issues	discussion, focus on live examples, projector	10	8	completed
September	Beginning Stages of Research Process: Problem definition, Qualitative research tools, Secondary data research	discussion of cuurent concept, live examples, group discussion	10	9	completed

Month	Syllabus Unit -3 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
September	Research Methods and Data Collection: Survey research, communicating with respondents, Observation methods, Experimental research	discussion of current concept, live examples, class test, practicals	12	14	completed
	Research Methods and Data Collection: Survey research, communicating with respondents, Observation methods, Experimental research		12	10	completed
October	Measurement Concepts, Sampling and Field work: Levels of Scale measurement, attitude measurement, questionnaire design, sampling designs and procedures, determination of sample size		10	08	completed
November	Data Analysis and Presentation: Editing and Coding, Basic Data Analysis, Univariate Statistical Analysis and Bivariate Statistical analysis and differences between two variables. Multivariate Statistical Analysis.	discussion of current concept, live examples, class test, hands on practicals	12	10	completed

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TOTAL: 66

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Name of Teacher :	Archana Kshirsagar
Subject :	DATA SCIENCE
Course, Class and Semester:	M.SC.IT / PART I / I
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	63

Month	Syllabus Unit -1 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
	Data Science Technology Stack, Layered Framework, Business Layer, Utility Layer				
August	Data Science Technology Stack: Rapid Information Factory, Ecosystem, Data Science Storage Tools, Data Lake, Data Vault, Data Warehouse Bus Matrix, Data Science Processing Tools ,Spark, Mesos, Akka , Cassandra, Kafka, Elastic Search, R ,Scala, Python, MQTT, The future. Layered Framework: Definition of Data Science Framework, Cross-Industry Standard Process for Data Mining (CRISP-DM),	Concept Discovery, Discussion, PPT Presentaton	5	5	Completed Saini

Month	Syllabus Unit -1 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
	Data Science Technology Stack, Layered Framework, Business Layer, Utility Layer					
September	Homogeneous Ontology for Recursive Uniform Schema, The Top Layers of a Layered Framework, Layered Framework for High-Level, Data Science and Engineering, Business Business Layer, Engineering a Practical Business Layer, Layer Business Layer, Engineering a Practical Business, Basic Utility Design, Engineering a Practical Utility Layer		Concept Discovery, Discussion, PPT Presentaton	10	10	completed by taking one topic in next lecture slot
	Syllabus Unit -2 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
	Three Management Layers, Retrieve Superstep		Concept Discovery, Discussion, PPT Presentaton	4	5	completed

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Month	Syllabus Unit -2 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
	Three Management Layers, Retrieve Superstep					
October	Retrieve Superstep : Data Lakes, Data Swamps, Training the Trainer Model, Understanding the Business Dynamics of the Data Lake, Actionable Business Knowledge from Data Lakes, Engineering a Practical Retrieve Superstep, Connecting to Other Data Sources,		Concept Discovery, Discussion, PPT Presentaton	8	8 8	completed
	Syllabus Unit -3 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
	Assess Superstep		Concept Discovery, Discussion, PPT Presentaton	8	8	completed

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Syllabus Unit - 4 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
November	Process Superstep - Data Vault, Time Person Object Location Event Data Vault, Data Science Process, Data Science Transform Superstep - Transform Superstep, Building a Data Warehouse, Transforming with Data Science, Hypothesis Testing, Overfitting and Underfitting, Precision-Recall, Cross Validation Test	Concept Discovery, Discussion, PPT Presentaton	12	13	completed
Syllabus Unit - 5 Allotted Lectures :12		Strategies Used	Planned	Taken	Remarks
December	Transform Superstep, Organize and Report Supersteps Transform Superstep: Univariate Analysis, Bivariate Analysis, Multivariate Analysis, Linear Regression, Logistic Regression, Clustering Techniques, ANOVA, Principal Component Analysis (PCA), Decision Trees, Support Vector Machines, Networks, Clusters, and Grids, Data Mining, Pattern Recognition, Machine Learning, Bagging Data, Random Forests, Computer Vision (CV), Natural Language Processing (NLP), Neural Networks, TensorFlow, Organize and Report Supersteps : Organize Superstep, Report Superstep, Graphics, Pictures, Showing the Difference	Concept Discovery, Discussion, PPT Presentaton	12	13	complete d.

TOTAL: 59

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Name of Teacher :	Archana Kshirsagar
Subject :	DATA SCIENCE
Course, Class and Semester:	M.SC.IT / PART I / I
Division :	
Lectures Alloted for whole Semester:	40
Actual Lectures Taken :	29

Month	Practical	Strategies Used	Planned	Taken	Remarks
September	Practical 1 Creating data models using cassandra	Hands on Practical	4	2	Completed
	Practical 2 Converting from different format to HORUS	Hands on Practical	4	3	✓
October	Practical 3 Auditing through logging	Hands on Practical	4	3	Remarks
	Practical 4 Retriving data	Hands on Practical	4	3	Completed
	Practical 5 Assessing Data	Hands on Practical	4	2	Remarks

29/10

Month	Practical	Strategies Used	Planned	Taken	Remarks
November	Practical 6				
	processing Data	Hands on Practical	4	3	
	Practical 7				
	Transforming Data	Hands on Practical	4	4	
December	Practical 8				
	organizing data	Hands on Practical	4	3	
	Practical 9				
	Transform Superstep, Organize and Report Supersteps	Hands on Practical	4	03	
December	Practical 10				
	Data Visualization with POWER BI	Hands on Practical	4	03	

Completed 20/11

TOTAL:

40	29
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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI (E)

TEACHING PLAN 2019-20

SEMESTER: III		SUBJECT: Virtualization		COURSE: Information Technology		CLASS: MSc I.T.			
NAME OF TEACHER: Sandhya Pandey									
MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY		
				PLANNED	TAKEN				
July	Unit I	Overview of Virtualization	E-Book Lecture/Discussion	12	10	Completed	Sain		
August	Unit II	Server Consolidation	E-Book Lecture/Discussion	12	10				
September	Unit III	Network Virtualization	E-Book Lecture/Discussion	12	10	Completed			
October	Unit IV	Virtualizing Storage	E-Book Lecture/Discussion	12	08				
October	Unit V	Blades and Virtualization	E-Book Lecture/Discussion	12	08				
				60	48				

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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI (H)

TEACHING PLAN 2019-20

SEMESTER NAME OF TEACHER	TO	SUBJECT	COURSE CLASS	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
MONTH	TOPIC	SUB TOPIC					
August	Practical 1						
September	Practical 2	Implement VM Ware ESX for server virtualization		4	4		
September	Practical 3	Implement vMotion for server virtualization		4	4		
September	Practical 4	Implement vCenter for server virtualization		4	4		
October	Practical 5	Manage VM Ware ESX with vCenter server		4	4		
October	Practical 6	Manage vMotion Server Zen Center		4	4		
October	Practical 7	Understanding Blade Server with Cisco UCS evr4 Simulator		4	4		
October	Practical 8	Implement Vlan Concept with 17/13 switches/nexus virtual switching		4	4		
October	Practical 9	Simulating SAN with nvsphere/netapps		4	-		

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Month	Syllabus Unit -3 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
October	Unsupervised Learning Network, Special Networks, Third Generation Neural Network, Simulated annealing, Boltzman machine, Gaussian Machine, Cauchy Machine, Probabilistic neural net, cascade correlation network, cognition network, neo-cognition network, cellular neural network, optical neural network	Blackboard, Real time application, discussion	16	14	Completed
Month	Syllabus Unit -4 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
November	Introduction to Fuzzy Logic, Classical Sets and Fuzzy sets: Classical sets, Fuzzy sets. Classical Relations and Fuzzy Relations: Cartesian Product of relation, classical relation, fuzzy relations, tolerance and equivalence relations, non-iterative fuzzy sets. Membership Function: features of the membership functions, fuzzification, methods of membership value assignments. Defuzzification: Lambda-cuts for fuzzy sets, Lambda-cuts for fuzzy relations, Defuzzification methods.	Classroom dscussion, PPT.	10	08	Completed

Gain



Month	Syllabus Unit -S Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
December	Fuzzy Rule base and Approximate reasoning: Fuzzy proportion, formation of rules, decomposition of rules, aggregation of fuzzy rules, fuzzy reasoning, fuzzy inference systems, Fuzzy logic control systems, control system design, architecture and operation of FLC system. FLC system models and applications of FLC Genetic Algorithm: Biological Background, Traditional optimization and search techniques, genetic algorithm and search space, genetic algorithm vs. traditional algorithms, basic terminologies, simple genetic algorithm, general genetic algorithm, operators in genetic algorithm, stopping condition for genetic algorithm flow, constraints in genetic algorithm	Assignment, classroom discussion, blackboard	12	11	Completed <i>Sain</i>
TOTAL:			54	46	

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Name of Teacher :
 Subject :
 Course, Class and Semester:
 Division :
 Lectures Allotted for whole Semester:
 Actual Lectures Taken :

Rekmi Chindarkar
 II Infrastructural Management
 MISCE II / PARE 2 / SEM IV

60
 46

Strategies Used
 Classrooms discussion, real time
 Examples

Planned

Taken

Remarks

Month

Syllabus Unit - 1 Allotted Lectures : 12
 II Service Management

December

Introduction, What is service management? What are services? Business Process, Principles of Service management, Specialisation and Coordination, The agency principle, Incapsulation, Principles of systems, The service Life Cycle, Functions and processes across the life cycle, Service Strategy Principles: Value creation, Service Assets, Service

7

05

Completed

30/12

Syllabus Unit - 2 Allotted Lectures : 15

Month

Service Strategy Principles, Service Strategy, Challenges, Critical Success factors and risks

Value creation, Service Assets, Service Provider Service Structures, Service Strategy Principles.

January

Service Strategy: Define the market, Develop the offerings, Develop Strategic Assets, Prepare for execution. Complexity, Coordination and Control, Preserving value,

Strategies Used

Planned

Taken

Remarks

Classrooms discussion, real time
 Examples

15

13

Completed



Syllabus Unit -3.4 Allotted Lectures :15
Service Design
February
 Balanced Design, Identifying Service requirements, identifying and documenting business requirements and drivers, Design activities, Design aspects, Subsequent design activities, Design constraints, Service oriented architecture, Business Service Management, Service Design Models, Service Design Processes: Service Catalogue Management, Service Level Management, Capacity Management, Availability Management, IT Service Continuity Management, Information

Strategies Used	Planned	Taken	Remarks
Classrooms discussion, real time Examples	19	17	completed

Syllabus Unit -4.5 Allotted Lectures:12
Service Transition, Service Transition Processes
March
 Transition Principles: Principles Supporting Service Transition, Policies for Service Transition Service Transition Processes: Transition planning and support, Change Management, Service Asses Configuration Management, Service and Deployment Management, Service Validation and Testing, Evaluation, Knowledge Management. Challenges, Critical Success factors and risks: Challenges, Critical Success factors, Risks, Service Transition under difficult Conditions. 12 IV Service Operation: Fundamentals, Service Operation Principles: Functions, groups, teams, departments and divisions, achieving balance in service operations, Providing service, Operation staff involvement in service design and service transition, Operational Health, Communication, Documentation Service Operation Processes: Event Management, Incident Management, Request fulfilment, Problem Management, Access Management, Operational activities of processes

Strategies Used	Planned	Taken	Remarks
Classrooms discussion, real time Examples	19	13	completed

TOTAL: 60

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Sais



Name of Teacher :	Archana Vilas Kshirsagar
Subject :	Modern Networking
Course, Class and Semester:	M.Sc.I.T / PART I / I
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	54

Month	Syllabus Unit -1 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
October	Modern Networking Elements of Modern Networking, Things on the Internet of Things, Types of Network and Internet Traffic, Requirements: QoS and QoE, Defined Networking, Network Functions Virtualization Modern Networking Elements	Blackboard, Simulation	12	10	completed
	Syllabus Unit -2 Allotted Lectures : 15	Strategies Used	Planned	Taken	Remarks
	Software-Defined Networks, SDN- and NFV- Related Standards, SDN Data Plane and OpenFlow SDN Data Plane	Classroom discussion, simulation	4	3	completed





Month	Syllabus Unit -2 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
November	SDN Control Plane Architecture Control Plane Functions, Cooperation and Coordination Among Controllers, Border Gateway Protocol Routing and QoS Between Domains, Using BGP for QoS, User Interface, Network Services Abstraction Layer Abstractions in SDN	Classroom discussion, simulation	11	11	Completed
	Syllabus Unit -3 Alloted Lectures : 15 Virtualization, Network Functions Virtualization: Concepts and Architecture, Background and Motivation for NFV, Virtual Machines The Virtual Machine Monitor, Architectural Approaches Container Virtualization, NFV Concepts Simple Example of the Use of NFV, NFV Principles High-Level NFV Framework, NFV Benefits and Requirements NFV Benefits, NFV Requirements	Blackboard, Simulation	4	3	Completed
Month	Syllabus Unit -3 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
December	VLAN Standard, Nested VLANs, OpenFlow VLAN Support, Virtual Private Networks, IPsec VPNs, MPLS VPNs, Network Virtualization, Simplified Example, Network Virtualization Architecture, Benefits of Network Virtualization, OpenDaylight's Virtual Tenant Network.	Classroom discussion, simulation, ppt	10	9	Completed

Sain

Month	Syllabus Unit -4 Alloted Lectures : 15	Strategies Used	Planned	Taken	Remarks
January	Defining and Supporting User Needs, Quality of Service, Background, QoS Architectural Framework, Data Plane, Control Plane, Management Plane, Integrated Services Architecture, ISA Approach ISA Components, ISA Services, Queuing Discipline, Differentiated Services, Services, DiffServ Field, DiffServ Configuration and Operation	Assignment, classroom discussion, blackboard	11	10	Completed
	Syllabus Unit -5 Alloted Lectures : 15				
	Modern Network Architecture: Clouds and Fog, Cloud Computing, Basic Concepts, Cloud Services, Software as a Service, Platform as a Service, Infrastructure as a Service, Other Cloud Services, XaaS, Cloud Deployment Models, Public Cloud Private Cloud Community Cloud, Hybrid Cloud, Cloud Architecture	Assignment, classroom discussion, blackboard	8	9	Completed
TOTAL:			60	54	

25/1

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Name of Teacher :	Lalita Singh
Subject :	Cloud Computing
Course, Class and Semester:	IT / M.Sc / I
Division :	
Lectures Alloted for whole Semester:	60
Actual Lectures Taken :	50

Month	Syllabus Unit -1 Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Introduction to Cloud Computing:				
August	Introduction to Cloud Computing: Introduction, Historical developments, Building Cloud Computing Environments, Principles of Parallel and Distributed Computing: Eras of Computing, Parallel v/s distributed computing, Elements of Parallel Computing, Elements of distributed computing, Technologies for distributed computing. Virtualization: Introduction, Characteristics of virtualized environments, Taxonomy of virtualization techniques, Virtualization and cloud computing, Pros and cons of virtualization, Technology examples. Logical Network Perimeter, Virtual Server, Cloud Storage Device, Cloud usage monitor, Resource replication, Ready-made environment	discussion on current concept.pdf,	12	11	Completed

Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
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Cloud Computing Architecture

September

Cloud Computing Architecture: Introduction, Fundamental concepts and models, Roles and boundaries, Cloud Characteristics, Cloud Delivery models, Cloud Deployment models, Economics of the cloud, Open challenges, Fundamental Cloud Security Basics, Threat agents, Cloud security threats, additional considerations, Industrial Platforms and New Developments: Amazon Web Services, Google App Engine, Microsoft Azure.

discussion of current concept, live examples, commercial videos, group discussion

12

11

Completed

Month

Syllabus Unit -3 Allotted Lectures :12

Specialized Cloud Mechanisms

October

Specialized Cloud Mechanisms: Automated Scaling listener, Load Balancer, SLA monitor, Pay-per-use monitor, Audit monitor, fail over system, Hypervisor, Resource Centre, Multidevice broker, State Management Database, Cloud Management Mechanisms: Remote administration system, Resource Management System, SLA Management System, Billing Management System, Cloud Security

discussion of current concept, live examples, commercial videos, class test, practicals

12

10

Completed

Strategies Used

Planned

Taken

Remarks

25/10

SIA	Mechanisms: Encryption, Hashing, Digital Signature, Public Key Infrastructure (PKI), Identity and Access Management (IAM), Single Sign-On (SSO), Cloud-Based Security Groups, Hardened Virtual Server Images				Completed
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Month	Syllabus Unit -4 Alloted Lectures:12 Fundamental Cloud Architectures	Strategies Used	Planned	Taken	Remarks
November	Fundamental Cloud Architectures: Workload Distribution Architecture, Resource Pooling Architecture, Dynamic Scalability Architecture, Elastic Resource Capacity Architecture, Service Load Balancing Architecture, Cloud Bursting Architecture, Elastic Disk Provisioning Architecture, Redundant Storage Architecture. Advanced Cloud Architectures: Hypervisor Clustering Architecture, Load Balanced Virtual Server Instances Architecture, Non-Disruptive Service Relocation Architecture, Zero Downtime Architecture, Cloud Balancing Architecture, Resource Reservation Architecture, Dynamic Failure Detection and Recovery Architecture, Bare-Metal Provisioning Architecture, Rapid Provisioning Architecture, Storage Workload Management Architecture	discussion of current concept, live examples, commercial videos, class test, hands on practicals	12	10	Completed

Month	Syllabus Unit -5 Alloted Lectures:12	Strategies Used	Planned	Taken	D
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Signature

I hereby certify that the above mentioned student has
 completed the course of study for the degree of
 Bachelor of Science in Business Administration
 with Honors and is hereby conferred the degree of
 Bachelor of Science in Business Administration
 with Honors.

Declaration of student
 I hereby declare that I am
 a student of the above
 mentioned college and
 am entitled to graduate

TEST NO. 2

60

Signature of Subject Teacher



Signature of Registrar



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Date: 10/10/2020
 The S. J. College of Arts
 Mysore



Name of Teacher :	Lalita Singh	Month	No. of Practicals Available
Subject :	Cloud Computing	August	6
Course, Class and Semes	IT / M.Sc / 1	September	12
Division/Batch :	A	October	6
Practicals Alloted for who	60	November	12
Actual Lectures Taken :		TOTAL	36

Month	Practical No	Cloud Computing (Practicals)	Planned	Taken	Remarks
December	1	1A. Write a program for implementing Client Server communication model using TCP. Practical 1B: A client server TCP based chatting application.	3	3	Completed

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TEACHING PLAN 2019-2020

January	2	<p>Server communication model using UDP</p> <p>Practical 2A: A client server based program using UDP to find if the number entered is even or odd.</p> <p>Practical 2B: A client server based program using UDP to find the factorial of the entered number.</p> <p>Practical 2C: A program to implement simple calculator operations like addition, subtraction, multiplication and division.</p> <p>Practical 2D: A program that finds the square, square root, cube and cube root of the entered number.</p>
	3	A multicast Socket example.
	4	<p>Write a program to show the object communication using RMI</p> <p>Practical 4B: A RMI based application program that converts digits to words, e.g. 123 will be converted to one two three.</p>

15	12	Completed
		Completed

8/12

Month	Practical No	Cloud Computing	Planned	Taken	Remarks

SIA		H		
February	5	Show the implementation of web services Practical 5A: Implementing "Big" Web Service Practical 5B: Implementing Web Service that connects to MySQL database	9	Completed
	6	Implement Xen virtualization and manage with Xen Center		Completed
	7	Implement virtualization using VMWare ESXi Server and managing with vCenter		Completed
	8	Implement Windows Hyper V virtualization		Completed
	9	Develop application for Microsoft Azure.		
	10	Develop application for Google App Engine		
TOTAL:			36	

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TEACHING PLAN 2019-20

SEMESTER		SUBJECT		COURSE		Information Technology		REVIEWED BY	
II		Big Data Analytics		MSc I.T.					
NAME OF TEACHER		S. Sai Sree		CLASS					
MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		STRATEGIES USED			
				PLANNED	TAKEN				
February	Unit I	Introduction to Big Data, Characteristics of Data, and Big Data Evolution of Big Data, Definition of Big Data, Challenges with big data, Why Big data? Big Data Analytics, Introduction to big data analytics, Classification of Analytics, Challenges of Big Data, Importance of Big Data, Big Data Technologies, Data Science, Responsibilities	E-Book Lecture Discussion	12	10	E-Book, Video, Lecture Discussion	Completed		
March	Unit II	Analytical Theory and Methods: Clustering and Associated Algorithms, Association Rules, Apriori Algorithm, Candidate Rules, Applications of Association Rules, Validation and Testing, Diagnostics, Regression, Linear Regression, Logistic Regression, Additional Regression Models.	E-Book Lecture Discussion	12	11	E-Book, Video, Lecture Discussion	Sai		

MONTH	TOPIC	SUB TOPIC	Strategies Used	NO. OF LECTURES		STRATEGIES USED	REVIEWED BY
				PLANNED	TAKEN		
March	Unit III	Analytical Theory and Methods Classification, Decision Trees, Naive Bayes, Diagnostics of Classifiers, Additional Classification Methods, Time Series Analysis, Box Jenkins methodology, ARIMA Model, Additional methods. Text Analysis, Steps, Text Analysis Example, Collecting Raw Text, Representing Text, Term Frequency-Inverse Document Frequency (TFIDF), Categorizing Documents by Topics, Determining Sentiments	E Book Lecture Discussion	12	11	E-Book, Video, Lecture Discussion	Completed Dhan
April	Unit IV	Data Product, Building Data Products at Scale with Hadoop, Data Science Pipeline and Hadoop Ecosystem, Operating System for Big Data, Concepts, Hadoop Architecture, Working with Distributed file system, Working with Distributed Computation, Framework for Python and Hadoop Streaming, Hadoop Streaming, MapReduce with Python, Advanced MapReduce. In-Memory Computing with Spark, Spark Basics, Interactive Spark with PySpark, Writing Spark Applications,	E-Book Lecture Discussion	12	10	E-Book, Video, Lecture Discussion	

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO OF LECTURES		STRATEGIES USED	REVIEWED BY
				PLANNED	TAKEN		
May	Unit V	Distributed Analysis and Patterns, Computing with Keys, Design Patterns, Last-Mile Analytics, Data Mining and Warehousing, Structured Data Queries with Hive, HBase, Data Ingestion, Importing Relational data with Sqoop, Injesting stream data with flume. Analytics with higher level APIs, Pig, Spark's higher level APIs.	E-Book Lecture Discussion	12	11	E-Book, Video, Lecture Discussion	<i>Completed</i> <i>2012</i>

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TEACHING PLAN 2019-20

SEMESTER:	II	SUBJECT: Microservice Architecture	COURSE:	Information Technology
NAME OF TEACHER:		Sandhya Pandey	CLASS:	MSc I.T.

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
February	Unit I	Microservices: Understanding Microservices, Adopting Microservices, The Microservices Way. Microservices Value Proposition: Deriving Business Value, defining a Goal-Oriented, Layered Approach, Applying the Goal-Oriented, Layered Approach. Designing Microservice Systems: The Systems Approach to Microservices, A Microservices Design Process, Establishing a Foundation: Goals and Principles, Platforms, Culture.	E-Book ,Lecture/Discussion	12	09		Sandhya

MONTH	TOPIC	SUB TOPIC	Strategies Used	NO OF LECTURES		REMARKS	REVIEWED BY	
				PLANNED	TAKEN			
March	Unit II	Service Design: Microservice Boundaries, API design for Microservices, Data and Microservices, Distributed Transactions and Sagas, Asynchronous Message-Passing and Microservices, dealing with Dependencies, System Design and Operations: Independent Deployability, More Servers, Docker and Microservices, Role of Service Discovery, Need for an API Gateway, Monitoring and Alerting- Adopting Microservices in Practice: Solution Architecture Guidance, Organizational Guidance, Culture Guidance, Tools and Process Guidance, Services Guidance	E-Book Lecture/Discussion		12	10		Jain

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO.OF LECTURES		REMARKS	REVIEWED BY	
				PLANNED	TAKEN			
March	Unit III	<p>Microservices with ASP.NET Core: Introduction, Installing .NET Core, Building a Console App, Building ASP.NET Core App. Delivering Continuously: Introduction to Docker, Continuous integration with Wercker, Continuous Integration with Circle CI, Deploying to Dicker Hub. Building Microservice with ASP.NET Core: Microservice, Team Service, API First Development, Test First Controller, Creating a CI pipeline, Integration Testing, Running the team service Docker Image. Backing Services: 1224 Microservices Ecosystems, Building the location Service, Enhancing Team Service.</p>	E-Book Lecture/Discussion		12	06		Sam

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
April	Unit IV	Data Service: Choosing a Data Store. Building a Postgres Repository, Databases are Backing Services, Integration Testing Real Repositories, Exercise the Data Service. Event Sourcing and CQRS: Event Sourcing, CQRS pattern, Event Sourcing and CQRS, Running the samples. Building an ASP.NET Core Web Application: ASP.NET Core Basics, Building Cloud-Native Web Applications. Service Discovery: Cloud Native Factors, Netflix Eureka, Discovering and Advertising ASP.NET Core Services. DNS and Platform Supported Discovery.	E-Book Lecture/Discussion	12	07		Sam

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
May	Unit V	Configuring Microservice Ecosystems Using Environment Variables with Docker, Using Spring Cloud Config Server, Configuring Microservices with etcd, Securing Applications and Microservices: Security in the Cloud, Securing ASP.NET Core Web Apps, Securing ASP.NET Core Microservices. Building Real-Time Apps and Services: Real-Time Applications Defined, Websockets in the Cloud, Using a Cloud Messaging Provider, Building the Proximity Monitor. Putting It All Together: Identifying and Fixing Anti-Patterns, Continuing the Debate over Composite Microservices, The Future	E-Book Lecture/Discussion	12	07		<i>Sandhya</i>

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TEACHING PLAN 2019-20

SEMESTER:	III	SUBJECT: Virtualization	COURSE:	Information Technology
NAME OF TEACHER:		Sandhya Pandey	CLASS:	MSc I.T.

MONTH	TOPIC	SUB-TOPIC	Strategies Used	NO. OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
July	Unit I	Overview of Virtualization	E-Book Lecture/Discussion	12		Completed	
August	Unit II	Server Consolidation	E-Book Lecture/Discussion	12			
September	Unit III	Network Virtualization	E-Book Lecture/Discussion	12			
October	Unit IV	Virtualizing Storage	E-Book Lecture/Discussion	12			
October	Unit V	Blades and Virtualization	E-Book Lecture/Discussion	12			

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TEACHING PLAN 2019-20

SEMESTER		NAME OF TEACHER		SUBJECT		COURSE CLASS		REMARKS		REVIEWED BY
III		Sandhya Pandey		Virtualization(Practical)		Information Technology MSc I.T				
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY				
			PLANNED	TAKEN						
August	Practical 1	Implement VMWare ESXi for server virtualization	4	4	Completed S.P.					
September	Practical 2	Implement XEN for server virtualization	4	4						
September	Practical 3	Implement HyperV for server virtualization	4	4						
September	Practical 4	Manage VMWareESXi with vCenter server	4	4						
October	Practical 5	Manage XEN Server Xen Center	4	4						
October	Practical 6	Understanding Blade Server with cisco UCS eva Simulator	4	4						
October	Practical 7	Implement Vlan Concept with L2/L3 switches/nexus virtual switching	4	4						
October	Practical 8	Simulating SAN with navisphere/netapps	4	4						

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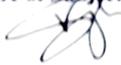
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Name of Teacher :	Lalita Singh
Subject :	Cloud Management
Course, Class and Semes	IT / M.Sc / IV
Division / Batch :	A
Practicals Alloted for who	60
Actual Lectures Taken :	

Month	Practical No	Cloud Computing	Planned	Taken	Remarks
December	1	Managing Hyper-V environment with SCVMM 2012	3	03	Completed
January	2	Provisioning Self-Service using App-Controller	15	06	Completed
	3	Managing Private Cloud with App Controller			Completed
	4	Using Data Protection for Backup and Recovery			Completed

Month	Practical No	Cloud Computing	Planned	Taken	Remarks
February	5	Using Operations Manager for real-time monitoring	9	03	Completed
	6	Using Advisor for Proactive Monitoring			
	7	Using Service Manager to Standardize			
	8	Using Orchestrator for automation		03	Completed

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TOTAL:

36

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Course, Class and Semester	Lata Singh Cloud Management II / MSc / IV
Division :	
Lectures Alloted for whole Semester	
Actual Lectures Taken :	60

Month	Syllabus Unit - I Allotted Lectures : 12	Strategies Used	Planned	Taken	Remarks
	Virtualized Data Centers Architecture:				
December	Virtualized Data Centers Architecture: Cloud infrastructure public private hybrid. Service provider interfaces SaaS, PaaS, IaaS. VDC Environments, concept, planning and design, business Continuity and disaster principles. Managing VDC and Cloud Environment and infrastructure.	discussion on current concept, pdf.	12	12	Completed Sam

Month	Syllabus Unit -2 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
January	Storage Network Design Storage Network Design: Architecture of storage, analysis and planning Storage network design considerations, NAS and FC, SAN, hybrid storage networking technologies (iSCSI, FCIP, FCoE), design for storage virtualization in cloud computing, host systems design considerations IP-SAN Introduction, (iSCSI, (iSCSI host connectivity, (iSCSI discovery, (iSCSI names, (iSCSI session, (iSCSI PXE, ordering and numbering, (iSCSI security and error handling, FCIP, FCIP-Topology, FCIP Performance and security, iFCP-iFCP Topology, iFCP addressing and routing, iFCP gateway architecture, FCoE Architecture	discussion of current concept, live examples, commercial videos, group discussion	12	09	Completed
Month	Syllabus Unit -3 Allotted Lectures :12	Strategies Used	Planned	Taken	Remarks
February	Cloud Management: Cloud Management System center 2012 and cloud OS, Provisioning Infrastructure, Provisioning Infrastructure with virtual machine designing, planning and implementations, Managing Hyper-V Environment with VMW 2012, Provisioning self service with Appcontroller, Appcontroller essentials, Managing private, public, hybrid Clouds, Appcontrollercloudlets	discussion of current concept, live examples, commercial videos, class test, practicals	12	09	Completed
Month	Syllabus Unit -4 Allotted Lectures:12	Strategies Used	Planned	Taken	Remarks
February	Managing and Maintaing the Configurations Manager 2012 Managing and Maintaing the Configurations Manager 2012, Designing, planning, implementations, Administration, Distributing Applications, updates, Deploying Operating Systems, Asset Management and reporting Backup and recovery with Data Protection Manager, Design, planning, Implementations and Administration.	discussion of current concept, live examples, commercial videos, class test, hands on practicals	12	09	Completed

Month	Syllabus Unit -SAlloted Lectures:12 Implementing Monitoring	Strategies Used	Planned	Taken	Remarks
March	Implementing Monitoring: Real time monitoring with operations manager, proactive monitoring with advisor, operation design, planning, implementation, administration, monitoring, altering, operations and security reporting, Building Private Clouds: Standardized with server manager, Service Manager 2012: Design, planning, implementing, incident tracking, automation with orchestrator, system orchestrator 2012: Design, planning, implementing. Windows Azure Pack	discussion of current concept, live examples, commercial videos, class test, hands on practicals	12	12	Completed. Jain
TOTAL:			60		

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	Unit - III :	Macintosh and Linux Boot Processes and File Systems, Computer Forensics Analysis, Recovering Graphics Files			Lecture method with Guided Media	Completed
	Unit - IV :	Virtual Machines, Network Forensics, and Live Acquisitions, E-mail Investigations, Cell Phone and Mobile Device Forensics			Lecture method with Guided Media	Completed
	Unit - V :	Report Writing for High Tech Investigations, Expert Testimony in High Tech Investigations, Ethics and High Tech Investigations			Lecture method with Guided Media	Completed
TOTAL.						

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TEACHING PLAN 2019-2020**

SEMESTER	IV	SUBJECT	Computer Forensics	COURSE	II	NO OF LECTURES	Methodology	REVIEWED BY
NAME OF TEACHER	Sandhya Thakkar	CLASS		Mar Sem		PLANNED		
MONTH		TOPIC		Part I		TAKEN		
		SUB-TOPIC						
	Unit - I :	Computer Forensics and Investigation Processes, Understanding Computing Investigations, The Investigator's Office and Laboratory, Data Acquisitions.					Lecture method with Guided Media	Completed
	Unit II :	Processing Crime and Incident Scenes, Working with Windows and DOS Systems, Current Computer Forensics Tools					Lecture method with Guided Media	Completed
	Unit - III :	Macintosh and Linux Boot Processes and File Systems, Computer Forensics Analysis, Recovering Graphics Files.					Lecture method with Guided Media	Completed
	Unit -IV :	Virtual Machines, Network Forensics, and Live Acquisitions, E- mail Investigations, Cell Phone and Mobile Device Forensics					Lecture method with Guided Media	Completed
	Unit -V :	Report Writing for High-Tech Investigations, Expert Testimony in High-Tech Investigations, Ethics and High-Tech Investigations					Lecture method with Guided Media	Completed
TOTAL								

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