



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

2017- 18

	THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-2018

Term / Semester : 1 Course BCOM
 Name of the Teacher : Nagdev Babita
 Subject : CP I Class FYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Introduction of Business	Concept, features, functions, significance of business, Traditional and Modern concept of business	2	02		
	Objectives of business	Steps in setting business objectives, classification of business objectives, reconciliation of economic and social objectives	3	02		
	New Trends in Business	Impact of liberalization, privatization and globalization, strategy alternatives in the changing scenario, restructuring and turnaround strategies.	3	02		
	Business Environment	Concept and importance of business environment, inter-relationship between business and environment	2	01		



	Constituents of business Environment	Internal and External environment, Educational environment and its impact	3	03		
August	International environment	Current Trends in the world, WTO and Trading Blocs and their impact on Indian Business	3	02		
	Project planning	Concept and importance of project planning, project report, feasibility study types and importance	4	03		
	Business unit promotion	concept and stages of business unit promotion, factors determining location and role of government in promotion	2	01		
	Statutory Requirements in Promoting Business Unit	Licensing and registration procedure, Filing returns and other documents, other important provisions	2	01		
September	Entrepreneurship	Concept and importance of entrepreneurship, factors contributing to growth of entrepreneurship, entrepreneur and manager, entrepreneur and intrapreneur	3	02		
	The Entrepreneurs	Types of entrepreneurs, competencies of an entrepreneur, incentives to entrepreneurs in India	3	02		
October	Women entrepreneurs	Problems and promotion	2	02		

[Signature]
Faculty

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Convener



Principal

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

**THE SIA COLLEGE OF HIGHER EDUCATION
DOMBIVILI -East
TEACHING PLAN 2017-18**

TERM/SEMESTER : 1

NAME OF THE TEACHER : Mrs. Mithili Gaurishankar

SUBJECT: Business Mathematics and Business Statistics (Tutorial)

COURSE: Bcom

CLASS: FY Bcom- C Div

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURERS	TAKEN	REMARKS	REVIEWED BY
Jul-17	1	Shares	Introduction, Face value, market value ,Dividend, Equity shares ,preferential shares,bonus shares,simple examples.	3	2		
	3	Measures of Central tendency	Definition of Average, Types of Averages, A.M, Median, Mode for Grouped as well as ungrouped data.	3	3		
Aug-17	3	Measures of Central tendency	Quartiles, Deciles and Percentiles. Histogram and Ogives Graphs.	3	2		
Sep-17	3	Measures of Dispersion	Concept and idea of dispersion , Various measures, Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance and combined Variance	5	3		
	1	Mutual funds	Simple problems on calculation of Net Income after considering entry load, dividend, NAV and exit load. Systematic investment plan(SIP) their types	2	2		

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Oct-17	2	Permutations and Combinations	Fundamental principle of Counting, Permutation as arrangement, Simple examples Combinations as selection Relation between nCr and nPr Commercial application of permutation and combinations	2	1		
	5	Decision theory	Decision making situation, Decision maker, Course of Action, States of nature, Pay-off matrix, Decision making under risk, EMV, EOL Decision making under uncertainty Maximin, Minimax, Laplace Criteria Decision tree	3	1		
	2	Linear Programming Problems	Sketching of graph Mathematical Formulation of LPP Solution of LPP by graphical method	3	1		

Faculty: *M. H. W. G.*

Coordinator: *S. Babole*

Principal: *[Signature]*

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THE SIA COLLEGE OF HIGHER EDUCATION
 DOMBIVILI -East
 TEACHING PLAN 2017-18

TERM/SEMESTER : I
 NAME OF THE TEACHER : Mrs. Mithili Gaurishankar
 SUBJECT: Business Mathematics and Business Statistics (Tutorial)

COURSE: Bcom
 CLASS: FY Bcom- B Div

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURERS	TAKEN	REMARKS	REVIEWED BY
Jul-17	1	Shares	Introduction, Face value, market value ,Dividend, Equity shares ,preferential shares,bonus shares,simple examples.	3	3		
	3	Measures of Central tendency	Definition of Average, Types of Averages, A.M, Median, Mode for Grouped as well as ungrouped data.	3	3		
Aug-17	3	Measures of Central tendency	Quartiles, Deciles and Percentiles. Histogram and Ogives Graphs.	2	2		
	3	Measures of Dispersion	Concept and idea of dispersion , Various measures, Range, Quartile Deviation,	2	2		
Sep-17	3	Measures of Dispersion	Mean Deviation, Standard Deviation, Variance and combined Variance	2	2		
	4	Elementary Probability theory	Concept of Random experiment/ trial and possible outcomes, sample spaces and discrete sample spaces; Events their types Addition theorem , conditional probability	2	2		



			Independence of events			
			Random variables			
Oct-17	2	Linear Programming Problems	Sketching of graph	2	1	
			Mathematical Formulation of LPP			
			Solution of LPP by graphical method			
	5	Decision theory	Decision making situation, Decision maker, Course of Action, States of nature, Pay-off matrix, Decision making under risk, EMV, EOL	2	1	
			Decision making under uncertainty			
			Maximin, Minimax, Laplace Criteria			
			Decision tree			
	2	Permutations and Combinations	Fundamental principle of Counting.	2	1	
			Permutation as arrangement,			
			Simple examples			
			Combinations as selection			
			Relation between nCr and nPr			
			Commercial application of permutation and combinations			
	1	Mutual funds	Simple problems on calculation of Net Income after considering entry load, dividend, NAV and exit load.	2	1	
			Systematic investment plan(SIP)			

Faculty: *Methaliga*

Coordinator: *Salochs*



Principal:

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TEACHING PLAN 2017-2018

Term / Semester : I

Name of the Teacher : Sreekala Nair

Subject : Maths & Statistics DIV A

Course

Beam

Class

FYBCom

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
	Maths					
July	Shares	Concept of Share, Value of Shares, Equity shares, Preferential shares, bonus shares	4	4		
		Problems related to shares	4	3		
	Statistics					
	Measures of Central Tendencies	Defenition of Average, Types of Averages: AM, Median	1	1		
		Problems related to AM & Median	2	2		
		Mode, Quartiles	2	2		
		Problems related to Mode & Quartiles	1	1		
		Deciles & Percentiles-Problems	1	1		
		Using Ogive locate Median & Quartiles	1	1		
		Using Histogram locate Mode	1	1		
	Maths					
August	Mutual funds	Simple problems on calculation of Net income after considering entry load, dividend, NAV & exit load	4	4		
		Averaging of price under SIP	3	3		



Statistics					
	Measures of Dispersion	Range, Q.D, M.D, S.D, Variance	5	4	
	LPP	Mathematical formulation of LPP, Solution using graphical method	3	3	
September	Permutation & Combination	Factorial notation, Fundamental principle of counting, Permutation as arrangement, Combination as selection, simple eggs	4	5	
	Probability theory	Sample space, Events, Algebra of events	8	6	
		Addition theorem	2	3	
October	Random variable	Expectation & Variance	6	6	
	Decision theory	Formulation of payoff matrix, EMV, EOL, decision tree	6	6	

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TEACHING PLAN 2017-2018 (TUTORIAL)

Term / Semester : I		Course	Beom			
Name of the Teacher : Sreekala Nair						
Subject : Maths & Statistics		Class	FYBCom	A		
Month	Topic	Sub-Topic	No. of Lectures		Remarks	Review ed By
			Planned	Taken		
July	Measures of Central Tendencies	Problems related to AM & Median, mode	1	2		
		Quartiles, Deciles & Percentiles-Problems				
		Using Ogive locate Median & Quartiles	1	2		
		Using Histogram locate Mode				
August	Shares	Problems related to shares	1	1		
		Mutual funds	1	2		
		Simple problems on calculation of Net income after considering entry load, dividend, NAV & exit load				
		Averaging of price under SIP				
September	Measures of Dispersion	Range, Q.D, M.D, S.D, Variance	1	2		
		Mathematical formulation of LPP, Solution using graphical method				
October	LPP	Factorial notation, Fundamental principle of counting, Permutation as arrangement, Combination as selection, simple eggs	1	1		



	Probability theory	Sample space, Events, Algebra of events	1	2			
		Addition theorem					
	Random variable	Expectation & Variance					
	Decision theory	Formulation of payoff matrix, EMV, EOL	1	2			

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TEACHING PLAN 2017-2018

Term / Semester : I

Course

Bcom

Name of the Teacher :Sreekala Nair

Subject : Maths & Statistics DIV C

Class

FYBCom

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
	Maths					
July	Shares	Concept of Share, Value of Shares, Equity shares, Preferential shares, bonus shares	4	4		
		Problems related to shares	4	4		
	Statistics					
	Measures of Central Tendencies	Defenition of Average, Types of Averages: AM, Median	1	1		
		Problems related to AM & Median	2	2		
		Mode, Quartiles	2	2		
		Problems related to Mode & Quartiles	2	2		
		Deciles & Percentiles-Problems	1	1		
		Using Ogive locate Median & Quartiles	1	1		
		Using Histogram locate Mode	1	1		
	Maths					
August	Mutual funds	Simple problems on calculation of Net income after considering entry load, dividend, NAV & exit load	4	4		
		Averaging of price under SIP	3	2		
	Statistics					
	Measures of Dispersion	Range, Q.D, M.D, S.D, Variance	5	5		



	LPP	Mathematical formulation of LPP, Solution using graphical method	6	4		
September	Permutation & Combination	Factorial notation, Fundamental principle of counting, Permutation as arrangement, Combination as selection, simple examples	6	5		
	Probability theory	Sample space, Events, Algebra of events	8	5		
		Addition theorem	3	4		
October	Random variable	Expectation & Variance	5	5		
	Decision theory	Formulation of payoff matrix, EMV, EOL, decision tree	6	6		

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THE SIA COLLEGE OF HIGHER EDUCATION		P.NO.
Dombivli (E)		
TEACHING PLAN 2015-2016		
Term / Semester : I	Course	BCOM
Name of the Teacher :Manju Sasi Kumar	Class	FYBCOM ' DIV' A
Subject : Business Communication		

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Theory of communication	1. Concept of communication :Concept meaning, Definition and need, Models of communication-Linear/Interactive /Transactional model/Shanon & weaver ,7cs of communication, Principles of communication, Emergence of communication in corporated and global world, process of communication	3	3		
		2. Impact of technology Enabled communication: Types-Internet, Blogs, Email, Moodle, Social media (Facebook, Twitter & Whatsapp Advantages & Disadvantages	3	3		
		3. Communication at workplace: Channels-formal channels of communication and informal channels- Vertical, Horizontal, Diagonal, Grapevine, Methods- Verbal/Non verbal (including visual), Business Etiquettes.	2	2		
Aug		4. Business Ethics: Ethics at workplace-Importance of business ethics, Personal integrity at workplace, Business ethics and media, computer ethics, corporate social responsibility. 5. Barriers to communication - physical, environmental, language, semantic, socio psychological, , cross cultural and overcoming barriers 6. Listening: Listening skills-Importance of listening, barriers to listening, cultivating good listening skills	2	2		



	Business correspondence	1.Theory of business letter writing:need and essentials of business correspondence, parts,structure ,layouts -full Block,Principles of Effective letter writing,Principles of effective E-mail Writing.	5	4		
SEPT		2.personnel correspondence: Statement of Purpose, Letter of recommendation,Job application letter and Resume, Letter of appointment,Letter of acceptance of job offer,Letter of appreciation,Letter of resignation.	7	2		
	Language and writing skills					
	commercial terms	(only discussion)	5	1		
		paragraph writing- developing an idea, using appropriate linking devices etc. Cohesion and Coherence etc.	4	2		
Oct		Speaking skills, writing skills, remedial grammar, spft skills - EQ, conflic management, time management.	6	3		

Salokh Faculty

Salokh Convenor



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Dombivli (E)

P.NO.

TEACHING PLAN 2015-2016

Term / Semester : I

Course BCOM

Name of the Teacher : Manju Sasi Kumar

Subject : Environmental Studies

Class: FYBCOM ' DIV' A

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JULY	Environment and Ecosystem	Environment: Meaning, definition, scope and its components	2	2		
		Concept of an ecosystem : definition, Characteristics, components and types, functioning and structure	5	3		
		Food Chain and Food Web- Ecological Pyramids - Man and environment relationship	5	3		
		Importance and scope of Environmental Studies	1	1		
	Natural Resources and Sustainable Development	Meaning and definitions	2	1		
		Classification and types of resources, factors influencing resource	4	2		



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August		Resource conservation- meaning and methods- I and non-conventional resources, problems associated with and management of water, forest and energy resources- resource utilization and sustainable development	7	3		
	Populations and Emerging Issues of Development	Population explosion in the world and in India and arising concerns- Demographic Transition Theory - pattern of population growth in the world and in India and associated problems - Measures taken to control population growth in India	7	3		
		Human population and environment- Environment and Human Health – Human Development Index – The World Happiness Index	6	3		
September	Urbanisation and Environment Concept of Urbanisation	Problems of migration and urban environment changing land use, crowding and stress on urban resources, degradation of air and water, loss of soil cover impact on biodiversity,	10	4		
		Urban heat islands – Emerging Smart Cities and safe cities in India - Sustainable Cities	3	1		



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Dombivli (E)		
TEACHING PLAN 2015-2016		
Term / Semester : I	Course BCOM	
Name of the Teacher : Manju Sasi Kumar		
Subject : Environmental Studies	Class: FYBCOM ' DIV' C	

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JULY	Environment and Ecosystem	Environment: Meaning, definition, scope and its components	2	2		
		Concept of an ecosystem : definition, Characteristics, components and types, functioning and structure	5	3		
		Food Chain and Food Web- Ecological Pyramids - Man and environment relationship	5	3		
		Importance and scope of Environmental Studies	1	1		
	Natural Resources and Sustainable Development	Meaning and definitions	2	1		
		Classification and types of resources, factors influencing resource	4	2		



August		Resource conservation- meaning and methods- I and non-conventional resources, problems associated with and management of water, forest and energy resources- resource utilization and sustainable development	7	3		
	Populations and Emerging Issues of Development	Population explosion in the world and in India and arising concerns- Demographic Transition Theory - pattern of population growth in the world and in India and associated problems - Measures taken to control population growth in India	7	3		
		Human population and environment- Environment and Human Health – Human Development Index – The World Happiness Index	6	3		
	Urbanisation and Environment Concept of Urbanisation	Problems of migration and urban environment changing land use, crowding and stress on urban resources, degradation of air and water, loss of soil cover impact on biodiversity,	10	4		
September		Urban heat islands – Emerging Smart Cities and safe cities in India - Sustainable Cities	3	1		



	Reading of Thematic Maps and Map Filling	Reading of Thematic Maps(4 Lectures) Located bars, Circles, Pie charts, Isopleths, Choropleth and Flow map. Pictograms- only reading and interpretation	4	2		
October		Map Filling: (4 Lectures) Map filling of World (Environmentally significant features) using point, line and polygon segment.	4	4		

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Dr. Sabale
Faculty

Sabale
Convenor

THE SIA COLLEGE OF HIGHER EDUCATION		P.NO.
Dombivli (E)		
TEACHING PLAN 2015-2016		
Term / Semester : I	Course	BCOM
Name of the Teacher : Manju Sasi Kumar		
Subject : Environmental Studies	Class:	FYBCOM ' DIV' B

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JULY	Environment and Ecosystem	Environment: Meaning, definition, scope and its components	2	2		
		Concept of an ecosystem : definition, Characteristics, components and types, functioning and structure	5	3		
		Food Chain and Food Web- Ecological Pyramids - Man and environment relationship	5	3		
		Importance and scope of Environmental Studies	1	1		
	Natural Resources and Sustainable Development	Meaning and definitions	2	1		
		Classification and types of resources, factors influencing resource	4	2		



August		Resource conservation- meaning and methods- I and non-conventional resources, problems associated with and management of water, forest and energy resources- resource utilization and sustainable development	7	3		
	Populations and Emerging Issues of Development	Population explosion in the world and in India and arising concerns- Demographic Transition Theory - pattern of population growth in the world and in India and associated problems - Measures taken to control population growth in India	7	3		
		Human population and environment- Environment and Human Health – Human Development Index – The World Happiness Index	6	3		
September	Urbanisation and Environment Concept of Urbanisation	Problems of migration and urban environment changing land use, crowding and stress on urban resources, degradation of air and water, loss of soil cover impact on biodiversity,	10	4		
		Urban heat islands – Emerging Smart Cities and safe cities in India - Sustainable Cities	3	1		



	Reading of Thematic Maps and Map Filling	Reading of Thematic Maps(4 Lectures) Located bars, Circles, Pie charts, Isopleths, Choropleth and Flow map. Pictograms- only reading and interpretation	4	2		
October		Map Filling: (4 Lectures) Map filling of World (Environmentally significant features) using point, line and polygon segment.	4	5		

Prof. Salokhe
Faculty

Salokhe
Convener

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THE SIA COLLEGE OF HIGHER EDUCATION

Dombivli (E)

TEACHING PLAN 2015-2016

P.NO.

Term / Semester : I

Course BCOM

Name of the Teacher :KIRAN M KHUBCHANDANI

Class FYBCOM

Subject : Business Communication

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Theory of communication	1. Concept of communication :Concept meaning, Definition and need, Models of communication-Linear/Interactive /Transactional model/Shanon & weaver, 7cs of communication, Principles of communication, Emergence of communication in corporated and global world, process of communication	15	15		
		2. Impact of technology Enabled communication: Types-Internet, Blogs, Email, Moodle, Social media(Facebook, Twitter & Whatsapp Advantages & Disadvantages				
		3. Communication at workplace: Channels-formal channels of communication and informal channels-Vertical, Horizontal, Diagonal, Grapevine, Methods-Verbal/Non verbal(including visual), Business Etiquettes.				
		business ethics, Personal integrity at workplace, Business ethics and media, computer ethics, corporate social responsibility. 5. Barriers to communication - physical, environmental, language, semantic, socio psychological, , cross cultural and overcoming barriers 6. Listening: Listening skills-Importance of listening,				



	Business correspondence	1.Theory of business letter writing:need and essentials of business correspondence, parts,structure ,layouts -full Block,Principles of Effective letter writing,Principles of effective E-mail Writing.	15	13		
Aug		2.Business correspondence: Methods of written communication: a. Letters and E-mails-statement of Purpose, Job application with CV,Letter of appointment,Letter of acceptance of job offer,Letter of appreciation,Letter of resignation.				
	Language and writing skills		15	13		
	Oral Communication	Types of Oral Communication-meetings, group discussions, interviews, presentations understanding the audience				
Sept		use of paralanguage-voice, volume, tone, pitch, speed, pause, accent and stress				
	Non-Verbal Communication	Non-Verbal Communication-body language-postures, gestures, facial expression, eye contact, space and proxemics, dress and grooming and silence, sign and symbols				
		Vfvisual and power point presentation-colours, charts, graphs, and maps, images				
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Dombivli (E)
TEACHING PLAN 2015-2016

Term / Semester : I
Name of the Teacher : KIRAN M KHUBCHANDANI
Subject : FOUNDATION COURSE-I

Course BCOM

Class FYBCOM (B)

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Overview of Indian Society:	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.	5	8		
Aug	Concept of Disparity- 1:	Understand the concept of disparity as arising out of stratification and inequality; 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	7		
Sept	Concept of Disparity-2:	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.	10	8		
Sept	The Indian Constitution:	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.	10	8		
Oct	Significant Aspects of Political Processes:	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.	10	5		
TOTAL NO. OF LECTURES				36		



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TEACHING PLAN 2015-2016

Term / Semester : I
Name of the Teacher : KIRAN M KHUBCHANDANI
Subject : FOUNDATION COURSE-I

Course BCOM

Class FYBCOM (CA)

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Overview of Indian Society:	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.	5	7		
Aug	Concept of Disparity- 1:	Understand the concept of disparity as arising out of stratification and inequality; 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	8		
Sept	Concept of Disparity-2:	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.	10	8		
Sept	The Indian Constitution:	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.	10	7		
Oct	Significant Aspects of Political Processes:	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.	10	5		
	Total No. of lectures			35		



THE SIA COLLEGE OF HIGHER EDUCATION
 DOMBIVILI -East
 TEACHING PLAN 2017-18,

TERM/SEMESTER : I
 NAME OF THE TEACHER : Mrs. Mithili Gaurishankar
 SUBJECT: Business Mathematics and Business Statistics

COURSE: BCom
 CLASS: FY Bcom- B Div

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURERS	TAKEN	REMARKS	REVIEWED BY
Jul-17	1	Shares	Introduction, Face value, market value ,Dividend, Equity shares ,preferential shares,bonus shares,simple examples.	9	6		
	3	Measures of Central tendency	Definition of Average, Types of Averages, A.M, Median, Mode for Grouped as well as ungrouped data.	5	5		
Aug-17	3	Measures of Central tendency	Quartiles, Deciles and Percentiles. Histogram and Ogives Graphs.	5	5		
	3	Measures of Dispersion	Concept and idea of dispersion , Various measures, Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance and combined Variance	5	5		
	4	Elementary Probability theory	Concept of Random experiment/ trial and possible outcomes, sample spaces	1	1		



Sep-17	4	Elementary Probability theory	Discrete sample spaces; Events their types, problems	7	6	
			Addition theorem , conditional probability	7	5	
			Independence of events			
			Random variables			
	2	Linear Programming Problems	Sketching of graph	8	6	
			Mathematical Formulation of LPP			
			Solution of LPP by graphical method			
Oct-17	2	Linear Programming Problems	Solution of LPP by graphical method	1	1	
	5	Decision theory	Decision making situation, Decision maker, Course of Action, States of nature, Pay-off matrix, Decision making under risk, EMV, EOL	5	1	
			Decision making under uncertainty	5	1	
			Maximin, Minimax, Laplace Criteria			
			Decision tree	5	1	
	2	Permutations and Combinations	Fundamental principle of Counting, Permutation as arrangement, Simple examples	6	2	
			Combinations as selection			
			Relation between nCr and nPr			
			Commercial application of permutation and combinations			
	1	Mutual funds	Simple problems on calculation of Net Income after considering entry load, dividend, NAV and exit load.	3	2	
			Systematic investment plan(SIP)	3		

Faculty: M. S. Thiliga

coordinator: Salochus

principal: 



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**THE SIA COLLEGE OF HIGHER EDUCATION
DOMBIVILI -East
TEACHING PLAN 2017-18**

TERM/SEMESTER : I
 NAME OF THE TEACHER : Mrs. Mithili Gaurishankar
 SUBJECT: Business Mathematics and Business Statistics (Tutorial)

COURSE: Bcom
 CLASS: FY Bcom- B Div

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURERS	TAKEN	REMARKS	REVIEWED BY
Jul-17	1	Shares	Introduction, Face value, market value ,Dividend, Equity shares ,preferential shares,bonus shares,simple examples.	3	3		
	3	Measures of Central tendency	Definition of Average, Types of Averages, A.M, Median, Mode for Grouped as well as ungrouped data.	3	3		
Aug-17	3	Measures of Central tendency	Quartiles, Deciles and Percentiles. Histogram and Ogives Graphs.	2	2		
	3	Measures of Dispersion	Concept and idea of dispersion , Various measures, Range, Quartile Deviation,	2	2		
Sep-17	3	Measures of Dispersion	Mean Deviation, Standard Deviation, Variance and combined Variance	2	2		
	4	Elementary Probability theory	Concept of Random experiment/ trial and possible outcomes, sample spaces and discrete sample spaces; Events their types Addition theorem , conditional probability Independence of events Random variables	2	2		



Oct-17	2	Linear Programming Problems	Sketching of graph	2	1	
			Mathematical Formulation of LPP			
			Solution of LPP by graphical method			
	5	Decision theory	Decision making situation, Decision maker, Course of Action, States of nature, Pay-off matrix, Decision making under risk, EMV, EOL	2	1	
			Decision making under uncertainty			
			Maximin, Minimax, Laplace Criteria			
			Decision tree			
	2	Permutations and Combinations	Fundamental principle of Counting, Permutation as arrangement, Simple examples	2	1	
			Combinations as selection			
			Relation between nCr and nPr			
			Commercial application of permutation and combinations			
	1	Mutual funds	Simple problems on calculation of Net Income after considering entry load, dividend, NAV and exit load.	2	1	
			Systematic investment plan(SIP)			

Faculty: MethliGi

Coordinator: Saloch

Principal:

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Dombivli (E) 17-18
TEACHING PLAN ~~2015-2016~~

Course BCOM

Class FYBCOM CA&C

Term / Semester : 1

Name of the Teacher : KIRAN M KHUBCHANDANI

Subject : FOUNDATION COURSE-1

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Overview of Indian Society:	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.	5	7		
Aug	Concept of Disparity- 1:	Understand the concept of disparity as arising out of stratification and inequality; 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	8		
Sept	Concept of Disparity-2:	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.	10	8		
Sept	The Indian Constitution:	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.	10	7		
Oct	Significant Aspects of Political Processes:	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.	10	5		
Total No. of Lectures				35		



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TEACHING PLAN 2017-2018

Term / Semester : I Course BCOM
 Name of the Teacher : Nagdev Babita
 Subject : CP I Class FYBCOM (A), B & C

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
	Introduction of Business	Concept, features, functions, significance of business, Traditional and Modern concept of business	2	02		
	Objectives of business	Steps in setting business objectives, classification of business objectives, reconciliation of economic and social objectives	3	02		
	New Trends in Business	Impact of liberalization, privatization and globalization, strategy alternatives in the changing scenario, restructuring and turnaround strategies.	3	02		
July	Business Environment	Concept and importance of business environment, inter-relationship between business and environment	2	01		



August	Constituents of business Environment	Internal and External environment, Educational environment and its impact	3	03		
	International environment	Current Trends in the world, WTO and Trading Blocs and their impact on Indian Business	3	02		
September	Project planning	Concept and importance of project planning, project report, feasibility study types and importance	4	03		
	Business unit promotion	concept and stages of business unit promotion, factors determining location and role of government in promotion	2	01		
	Statutory Requirements in Promoting Business Unit	Licensing and registration procedure, Filing returns and other documents, other important provisions	2	01		
	Entrepreneurship	Concept and importance of entrepreneurship, factors contributing to growth of entrepreneurship, entrepreneur and manager, entrepreneur and intrapreneur	3	02		
	The Entrepreneurs	Types of entrepreneurs, competencies of an entrepreneur, incentives to entrepreneurs in India	3	02		
October	Women entrepreneurs	Problems and promotion	2	02		

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Faculty

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Convener



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TEACHING PLAN 2015-2016

Term / Semester : I Course BCOM
 Name of the Teacher : Manju Sasi Kumar Class FYBCOM ' DIV' A & C
 Subject : Business Communication

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
July	Theory of communication	1. Concept of communication : Concept meaning, Definition and need, Models of communication-Linear/Interactive /Transactional model/Shanon & weaver ,7cs of communication, Principles of communication, Emergence of communication in corporated and global world, process of communication	3	3		
		2. Impact of technology Enabled communication: Types- Internet, Blogs, Email, Moodle, Social media (Facebook, Twitter & Whatsapp Advantages & Disadvantages	3	3		
		3. Communication at workplace: Channels-formal channels of communication and informal channels- Vertical, Horizontal, Diagonal, Grapevine, Methods- Verbal/Non verbal (including visual), Business Etiquettes.	2	2		
Aug		4. Business Ethics: Ethics at workplace-Importance of business ethics, Personal integrity at workplace, Business ethics and media, computer ethics, corporate social responsibility. 5. Barriers to communication - physical, environmental, language, semantic, socio psychological, , cross cultural and overcoming barriers 6. Listening: Listening skills-Importance of listening, barriers to listening, cultivating good listening skills	2	2		



	Business correspondence	1. Theory of business letter writing: need and essentials of business correspondence, parts, structure, layouts - full Block, Principles of Effective letter writing, Principles of effective E-mail Writing.	5	4		
SEPT		2. personnel correspondence: Statement of Purpose, Letter of recommendation, Job application letter and Resume, Letter of appointment, Letter of acceptance of job offer, Letter of appreciation, Letter of resignation.	7	2		
	Language and writing skills					
	commercial terms	(only discussion)	5	1		
		paragraph writing- developing an idea, using appropriate linking devices etc. Cohesion and Coherence etc.	4	2		
Oct		Speaking skills, writing skills, remedial grammar, spft skills - EQ, confic management, time management.	6	3		

Dr. Salokhe
Faculty

Salokhe
Convener



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	THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : III Course BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP III Class SYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Introduction To Managemnet	Meaning, Definition, Principles of management, Functions of mangement, Factors responsible for new horizons of management, managemnet skills and competency in 21st century.	8	06		
		Managemnet Information system	1	01		
		Managemnet by exception	1	01		
July	Module II					
	Planning	Meaning, definition, steps in planning, Components of planning	2	02		
	MBO	Meaning, steps, advantages	2	01		
	Decision Making	Meaning, Definition, steps in decision making, techniques of decision making, essentials of decision making	4	03		



July	Organization	Meaning and Definition of Organization, types of Organization- Formal and Informal, Line Organization, Line nad staff Organization.	4	03		
Agust		Virtual Organization- Features, Challenges of Virtual teams	2	02		
	Span of control	Meaning, features, Factors determing span of control	2	01		
	Delegation	Meaning, Barriers to delegation, Principles of Effective Delegation	2	01		
	Departmentation	Meaning, Bases of Departmentation	2	02		
Agust	CSR	Meaning, Scope, Advantages	2	02		
	Knowledge Management	Meaning, Features	1	01		
September	Managemnet of change	Meaning, Process, Barriers to Change	2	01		
	Corporate Governance	Meaning, Need, Corporate Governance Test	3	02		
	Stress Managemnet at Work	Meaning, Effects of Stress, Measures of Managing Stress	3	02		

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Subject Teachers



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TEACHING PLAN 2017-18

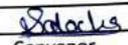
Term / Semester : III Course B.Com
 Name of the Teacher : Salochna Nagdev
 Subject : Accountancy and Financial Management Class SYBCOM (S)

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Piecemeal Distribution of Cash	Excess Capital Method only, Treatment of past profits or past losses in the Balance Sheet, Treatment of secured, preferential liabilities, problems on distribution of cash.	12	10		
July	Amalgamation of partnership firms	Realisation method only, Calculation of purchase consideration, Journal/ ledger accounts of old firms, Adjustment of Goodwill in the new firm, Problems on Amalgamation	16	15		
August	Partnership Final Accounts	Problems on final accounts when a partner is admitted during the year or when partner retires during the year.	17	16		



September	conversion/Sale of Partnership Firm into company		12	10		
			57	51		

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TEACHING PLAN 2017-18

Term / Semester : III Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Business Law Class SYBCOM (A)

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Indian Contract Act, 1872	Meaning and Essentials	1	1		
		Kinds and classification of Contract	1	1		
		Offer and Acceptance	2	2		
		Free Consent, consideration,	3	3		
		Capacity of contract	1	1		
July	Indian contract Act, 1872	Void, Quasi, contingent, Wager, Minor contracts	1	1		
		Performance, Discharge and Termination of Contract	2	2		
		Breach and Remedies for the Contract	2	2		
	Speacial Contracts	Indemnity and Guarantee- Meaning, Features, Distinguish, Surety, Discharge of surety	5	5		
		Bailment: Meaning, types, Features, Position, Lien, Finder of Goods Pledge.	3	3		



August	Special Contracts	Agency: Meaning, Features, Types, Position, Ratification, modes of creation and Termination, liabilities	4	4		
	Sale of Goods Act	Introduction, Meaning, Features, Terms, Classification of Goods, Sale and Agreement to sell, Unpaid Seller, Condition and Warranty	4	4		
	Negotiable Instrument Act	Features, Promissory Notes, Bill of Exchange, Cheque, Distinguish, Crossing	4	4		
Sept.	Negotiable Instrument Act	Dishonor, Position of Banker, Holder and Holder in due course, Privileges, Payment in and out of due course, types of Instruments, Penalties for Dishonour, Endorsement	08	06		
			41	39		

Convenor: Salade

Subject Teacher: Salade

Principal: [Signature]



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Teaching plan 2017-2018

Term / Semester		Course		Reviewed By		
3		BCOM				
Name of the Teacher : Meenakshi P Kulawade		Class		SYBCOM		
Subject : Business Law						
Month	Topic	SubTopic	No. of Lectures Planned	Taken	Remarks	Reviewed By
june	Indian contract Act-1872	1)definition of contract agreement,comparision between Agreement and contract classification of contract Essentials of Valid Contract, Offer and Acceptance different types of offer distinguish between offer and invitation to offer free consent(13-18,39,53,55,56)	12	08		
july	Indian contract Act-1872	legal rules of offer and acceptance consideration & legal rules Capacity to Contract (S. 10-12) Consideration (S. 2 & 25) Unlawful Consideration (S 23) Contingent Contract (S. 31), Quasi Contract (S.68-72) Concept of EContract legal issues of e-contract Modes of Discharge of Contract Remedies on breach of Contract.(73-75)	12	10		



Teaching plan 2017-2018

Term / Semester						
	B			Course	BCOM	
Name of the Teacher :	Meenakshi P Kulawade					
Subject :	Business Law			Class	SYBCOM	
Month	Topic	SubTopic	No. of Lectures Planned	Taken	Remarks	Reviewed By
		Law of Indemnity & Guarantee (Ss. 124-125, Ss. 126-129, 132-147)				
		Law of Bailment (S. 148, 152-154, 162, 172, 178, 178A, 179)				
August	Indian contract Act-1872	Law of Pledge	12	14		
		Rights of Pawnor & Pawnee. (Ss.173, 174, 177)				
		Law of Agency (Ss. 182-185, 201-209)				
	Sales of good act 1930	Contract of Sale (S.2)				
		Essentials elements of contract of sale				
		Distinction between Sale and Agreement to sell				
		Types of Goods in detail				
		Conditions & Warranties (Ss. 11-25 & 62, 63)				
		Implied Conditions & Warranties				
		Concept of Doctrine of Caveat Emptor –Exceptions.				
september	Sales of good act 1930	Property – Concept , Rules of transfer of property (Ss. 18-26)	12	12		
		Unpaid Seller (Ss. 45-54, 55 & 56)				



Teaching plan 2017-2018

Name of the Teacher : <u>Meenakshi P Kulawade</u>				Course		BCOM	
Subject : <u>Business Law</u>				Class		SYBCOM	
Month	Topic	SubTopic	No. of Lectures		Remarks	Reviewed By	
			Planned	Taken			
		Remedies for Breach of contract of Sale (Ss. 55-61), Auction sale – Concept, Legal Provisions. (S. 64)					
	Negotiable instrument Act	Negotiable Instruments – Concept (S13)					
	Amended Act 2015	Negotiable Instruments (Ss. 11, 12, 17-20, 42, 43, 104,134,135)					
		Promissory Note and Bill of Exchange (Ss. 4,5, 108-116)					
		Dishonour of Cheque – Concept & Penalties (Ss. 138, 139,142)					
		different types of cheques					
		Negotiable instruments Holder, Holder in due course					
		Payment in due course, Noting & Protest (99-104A)					
		different kinds of endorsement					
		Rights & Privileges of Holder in due course					

Faculty meenakshi. p. kulawade

Revision Co-ordinator Satish


 Principal
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 BANGALORE



Teaching plan 2017-2018

Term / Semester		Course		Reviewed By		
B		BCOM				
Name of the Teacher : Meenakshi P Kulawade		Class		SYBCOM		
Subject : Business Law						
Month	Topic	SubTopic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
june	Indian contract Act-1872	1)definition of contract	12	08		
		agreement,comparison between				
		Agreement and contract				
		classification of contract				
		Essentials of Valid Contract,				
		Offer and Acceptance				
july	Indian contract Act-1872	different types of offer	12	10		
		distinguish between offer and invitation to offer				
		free consent(13-18,39,53,55,56)				
		legal rules of offer and acceptance				
		consideration & legal rules				
		Capacity to Contract (S. 10-12)				
		Consideration (S. 2 & 25)				
		Unlawful Consideration (S 23)				
		Contingent Contract (S. 31), Quasi Contract (S.68-72)				
		Concept of EContract				
legal issues of e-contract						
Modes of Discharge of Contract						
Remedies on breach of Contract.(73-75)						



Teaching plan 2017-2018

Term / Semester				Course		
Name of the Teacher :		Meenakshi P Kulawade			BCOM	
Subject :		Business Law		Class	SYBCOM	
Month	Topic	SubTopic	No. of Lectures Planned	Taken	Remarks	Reviewed By
		Law of Indemnity & Guarantee (Ss. 124-125, Ss. 126-129, 132-147)				
		Law of Bailment (S. 148, 152-154, 162, 172, 178, 178A, 179)				
August	Indian contract Act-1872	Law of Pledge	12	14		
		Rights of Pawnor & Pawnee.(Ss.173, 174, 177)				
		Law of Agency (Ss. 182-185, 201-209)				
	Sales of good act 1930	Contract of Sale (S.2)				
		Essentials elements of contract of sale				
		Distinction between Sale and Agreement to sell				
		Types of Goods in detail				
		Conditions & Warranties (Ss. 11-25 & 62, 63)				
		Implied Conditions & Warranties				
		Concept of Doctrine of Caveat Emptor –Exceptions.				
September	Sales of good act 1930	Property – Concept , Rules of transfer of property (Ss. 18-26)	12	12		
		Unpaid Seller (Ss. 45-54, 55 & 56)				



Teaching plan 2017-2018

Year/Semester	3			Course	BCOM
Name of the Teacher :	Meenakshi P Kulawade				
Subject :	Business Law			Class	SYBCOM
Month	Topic	SubTopic	No. of Lectures	Remarks	Reviewed By
			Planned	Taken	
		Remedies for Breach of contract of Sale (Ss. 55-61), Auction sale – Concept, Legal Provisions. (S. 64)			
	Negotiable instrument Act	Negotiable Instruments – Concept (S13)			
	Amended Act 2015	Negotiable Instruments (Ss. 11, 12, 17-20, 42, 43, 104,134,135)			
		Promissory Note and Bill of Exchange (Ss. 4,5, 108-116)			
		Dishonour of Cheque – Concept & Penalties (Ss. 138, 139,142)			
		different types of cheques			
		Negotiable instruments Holder, Holder in due course			
		Payment in due course, Noting & Protest (99-104A)			
		different kinds of endorsement			
		Rights & Privileges of Holder in due course			



Faculty Meenakshi P. Kulawade

Revision
Co-ordinator Saloch

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**THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)
TEACHING PLAN 2017-2018**

Term / Semester : III

Course BCOM

Name of the Teacher : Prof. Hasitkumar. Nagariya.

Class SYBCOM Div A

Subject: Management Accounting

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Introduction to Management Accounting	Meaning, Nature, Scope and Functions of Management Accounting, Role of Management Accounting in Decision Making, Management Accounting and Financial Accounting	10	10		
July	Analysis and Interpretation of Accounts	a) Vertical Forms of Balancesheet and Profit and Loss Account suitable for analysis	5	5		
		b) Trend Analysis				
		c) Comparative Statement	3	3		
		d) Common Size Statement	2	2		
August	Ratio Analysis and Interpretation based on	a) Balancesheet Ratio- Liquid Ratio, Current Ratio, Stock Working Capital Ratio, Proprietary Ratio, Debt Equity Ratio, Capital Gearing Ratio	5	5		
	Vertical Financial Statement	b) Revenue Statement Ratio- Gross Profit Ratio, Expenses Ratio, Operating Ratio, Net Profit Ratio, Net Operating Profit Ratio, Stock Turnover Ratio	5	5		
		c) Combined Ratio- Return on Capital Employed, Return on Proprietor's Fund, Return on Equity Capital, Dividend Pay Out Ratio, Debt Service Ratio, Debtors Turnover, Creditors Turnover	3	3		
September	Working Capital-Concept	Concept, Nature of Working Capital, Planning of Working Capital	1	1		
		Estimation/Projection of Working Capital Requirements in case of Trading and Manufacturing Organization	2	2		
September	Capital Budgeting	Operating Cycle	2	2		
		Introduction	1	1		
		The classification of Capital Budgeting Projects	2	2		
		Capital Budgeting Process	2	2		
October		Capital Budgeting Techniques- Payback Period, Accounting Rate of Return, Net Present Value, The Profitability Index, Discounted Payback	2	4		
			45	47		

Faculty [Signature]

Co-ordinator [Signature]

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THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)
TEACHING PLAN 2017-2018

Term / Semester : III

Course BCOM

Name of the Teacher : Prof. Hasitkumar. Nagariya.

Subject: Management Accounting

Class SYBCOM Div B

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Introduction to Management Accounting	Meaning, Nature, Scope and Functions of Management Accounting, Role of Management Accounting in Decision Making, Management Accounting and Financial Accounting	12	12		
July	Analysis and Interpretation of Accounts	a) Vertical Forms of Balancesheet and Profit and Loss Account suitable for analysis	3	3		
		b) Trend Analysis				
		c) Comparative Statement	3	2		
Aug.		d) Common Size Statement	2	2		
August	Ratio Analysis and Interpretation based on	a) Balancesheet Ratio-Liquid Ratio, Current Ratio, Stock Working Capital Ratio, Proprietary Ratio, Debt Equity Ratio, Capital Gearing Ratio	5	4		
	Vertical Financial Statement	b) Revenue Statement Ratio-Gross Profit Ratio, Expenses Ratio, Operating Ratio, Net Profit Ratio, Net Operating Profit Ratio, Stock Turnover Ratio	5	4		
		c) Combined Ratio-Return on Capital Employed, Return on Proprietor's Fund, Return on Equity Capital, Dividend Pay Out Ratio, Debt Service Ratio, Debtors Turnover, Creditors Turnover	5	4		
September	Working Capital-Concept	Concept, Nature of Working Capital, Planning of Working Capital	5	3		
		Estimation/Projection of Working Capital Requirements in case of Trading and Manufacturing Organization	3	2		
September	Capital Budgeting	Operating Cycle	2	1		
		Introduction	2	1		
		The classification of Capital Budgeting Projects	3	1		
		Capital Budgeting Process	3	2		
Oct.		Capital Budgeting Techniques-Payback Period, Accounting Rate of Return, Net Present Value, The Profitability Index, Discounted Payback	7	3		
			45	44		

Faculty Wishu

Co-ordinator Salcho

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THE SIA COLLEGE OF HIGHER EDUCATION		P.NO.
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TEACHING PLAN 2015-2016		
Term / Semester : I		Course BCOM
Name of the Teacher : Manju Sasi Kumar		
Subject : Fondation Course III	Class: SYBCOM ' DIV' A	

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Human rights violation and redressal	Schedule Caste- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
		Schedule Tribe- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
		Women- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
July	Dealing with environmental concerns	Children- Constitutional and legal rights, Forms of violations, redressal mechanism.	2	2		
		People with disabilities, minorities and elderly population- Constitutional and legal rights, Forms of violations, redressal mechanism.	4	3		
		Concept of disaster and general effects of disaster on human life.- physical, psychological, economic and social effects.	3	3		



August		Locally relevant case studies of environmental disasters	2	1		
		Dealing with disasters - factors to be considered in prevention, mitigation and disaster preparedness.	3	2		
		Human Rights issues in addressing disaster- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation	3	2		
September	Science and Technology - I	Development of Science- ancient culture, classical era, middle ages, renaissance , age of reason and enlightenment.	3	2		
		nature of science - principles and characteristics: science a sempirical, practical, theoretical, validated knowledge.	2	2		
		science and superstition- role of science in exploding myth, blind belief and prejudice: science and scientific temper - scientific temper as a fundamental duty of the Indian citizen.	3	2		
		Science in everyday life- technology, its meaning and role in development: inerrelation and distinction between science and technology.		3	4	
	Soft Skill for Effective Interpersonal Communication	Part A : Effective listening - importance and features.		1	1	



October		Verbal and non verbal communication; public speaking and presentation skills	1	1		
		Barriers to effective communication; importance of self awareness and body language	2	3		
		Part B: Formal and informal communication - purpose and types	2	2		
		Writing formal application, SOP, Resume.	2	2		
		Part C : Leadership skills and self improvement - characteristics of effective leadership.	2	1		
		Styles of leadership and team building	1	1		

S. Salachis
Faculty

S. Salachis
Convener

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TEACHING PLAN 2015-2016

Term / Semester : I

Course **BCOM**

Name of the Teacher : Manju Sasi Kumar

Subject : **Fondation Course III**

Class: **SYBCOM ' DIV' B**

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Human rights violation and redressal	Schedule Caste- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
		Schedule Tribe- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
		Women- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
July		Children- Constitutional and legal rights, Forms of violations, redressal mechanism.	2			
		People with disabilities, minorities and elderly population- Constitutional and legal rights, Forms of violations, redressal mechanism.	4			
	Dealing with environmental concerns	Concept of disaster and general effects of disaster on human life.- physical, psychological, economic and social effects.	3			



August		Locally relevant case studies of environmental disasters	2			
		Dealing with disasters - factors to be considered in prevention, mitigation and disaster preparedness.	3			
		Human Rights issues in addressing disaster- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation	3			
September	Science and Technology - I	Development of Science- ancient culture, classical era, middle ages, renaissance , age of reason and enlightenment.	3			
		nature of science - principles and characteristics: science a sempirical, practical, theoretical, validated knowledge.	2			
		science and superstition- role of science in exploding myth, blind belief and prejudice: science and scientific temper - scientific temper as a fundamental duty of the Indian citizen.	3			
October		Science in everyday life- technology, its meaning and role in development: inerrelation and distinction between science and technology.	3			
	Soft Skill for Effective Interpersonal Communication	Part A : Effective listening - importance and features.	1			



		Verbal and non verbal communication; public speaking and presentation skills	1			
		Barriers to effective communication; importance of self awareness and body language	2			
		Part B: Formal and informal communication - purpose and types	2			
		Writing formal application, SOP, Resume.	2			
		Part C : Leadership skills and self improvement - characteristics of effective leadership.	2			
		Styles of leadership and team building	1			

for Salade
Faculty

Salade
Convenor

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DOMBIVLI (E)
Principal



TEACHING PLAN 2017-18

Term / Semester : III

Name of the Teacher :

Salochna Nagdev

Course

B.Com

Subject : Accountancy and Financial Management

Class

SYBCOM

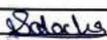
A&B

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Piecemeal Distribution of Cash	Excess Capital Method only. Treatment of past profits or past losses in the Balance Sheet, Treatment of secured, preferential liabilities, problems on distribution of cash.	12	10		
July	Amalgamation of partnership firms	Realisation method only. Calculation of purchase consideration, Journal/ ledger accounts of old firms, Adjustment of Goodwill in the new firm. Problems on Amalgamation	16	15		
August	Partnership Final Accounts	Problems on final accounts when a partner is admitted during the year or when partner retires during the year.	17	16		



September	conversion/Sale of Partnership Firm into company		12 57	10 51		
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TEACHING PLAN 2017-18

Term / Semester : III Course BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP III Class SYBCOM CAD&B

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Introduction To Managemnet	Meaning, Definition, Principles of management, Functions of mangement, Factors responsible for new horizons of management, managemnet skills and competency in 21st century.	8	06		
		Managemnet Information system	1	01		
		Managemnet by exception	1	01		
July	Module II					
		Planning	2	02		
		MBO	2	01		
		Decision Making	4	03		



July	Organization	Meaning and Definition of Organization, types of Organization- Formal and Informal, Line Organization, Line nad staff Organization.	4	03		
Agust		Virtual Organization- Features, Challenges of Virtual teams	2	02		
	Span of control	Meaning, features, Factors determing span of control	2	01		
	Delegation	Meaning, Barriers to delegation, Principles of Effective Delegation	2	01		
	Departmentation	Meaning, Bases of Departmentation	2	02		
Agust	CSR	Meaning, Scope, Advantages	2	02		
	Knowledge Management	Meaning, Features	1	01		
September	Managemnet of change	Meaning, Process, Barriers to Change	2	01		
	Corporate Governance	Meaning, Need, Corporate Governance Test	3	02		
	Stress Managemnet at Work	Meaning, Effects of Stress, Measures of Managing Stress	3	02		

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Subject Teachers



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June	Market Information system	MIS- Meaning, features, essentials of good MIS	1	01		
July		Marketing Research- meaning, features, process	2	02		
	Consumer Behaviour	Meaning, factors affecting consumer behaviour	2	01		
		Buying Decision Process	1	01		
	Market segmentation	Meaning, importance, Bases of market segmentation	2	02		
		Niche Marketing	1	01		
	Product Positioning	Meaning, Importance, Positioning Strategies	2	01		
July	Marketing Mix	Meaning, Elements, Importance	2	02		
Agust	Product Decision	Product decision areas	1	01		
		Product line, Product Life cycle	1	01		
		Branding- Meaning, component, Factors	2	02		
		Brand Equity, brand extension, Brand Loyalty	2	02		
	Price Decision	Meaning, significance, factors affecting pricing	2	01		
		Pricing objectives and methods	1	01		
September	Marketing Mix II					
	Place/ Physical Distribution	Meaning, Factors affecting channel selection, types of distribution channels	2	01		



		Recent Trends in Distribution	2			
		Components of distribution	2			
	Promotion Decision	Meaning, Objectives of promotion	1			
		Elements of Promotion- Advertising, Publicity, sales Promotion, direct Marketing, Public Relation	4			
		Integrated Marketing communication- Meaning, Features, Components	1			


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August	Amalgamation of Companies	Problems on Amalgamation, Absorption and External Reconstruction	5	05		
	Final Accounts of Companies	Relevant provisions of Companies Act related to Final Account	7	06		
September	Final Accounts of Companies	Problems on company Final Accounts	5	04		
	Introduction to IFRS	Purpose and objectives of Financial statements- Its framework- Its Assumptions, recognition and measurement. Convergence and first time adoption of IFRS	4	04		
			53	47		

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Subject Teachers

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DOMBIVLI (E)

THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)
TEACHING PLAN 2017-2018

P.NO.

Term / Semester : V

Name of the Teacher : Hasitkumar. Nagariya.

Subject: Management Accounting

Course BCOM

Class TYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
June	Introduction to Management Accounting	Meaning, Nature	2	2		
		Scope and Functions of Management Accounting				
		Role of Management Accounting in Decision Making	2	2		
		Management and Financial Accounting				
July	Analysis and Interpretation of Accounts	a) Vertical Forms of Balance Sheet and Profit and Loss Account suitable for analysis	3	4		
		b) Trend Analysis	2	2		
		c) Comparative Statement	2	2		
		d) Common Size Statement	2	2		
August	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	5	3		
		b) Revenue Statement Ratios-Gross Profit Ratio, Expenses Ratio, Operating Ratio, Net Profit Ratio, Net operating Profit Ratio, Stock Turnover Ratio	5	3		
		c) Combined Ratio-Return on Capital Employed (including Long Term Borrowings), Return on Proprietor's Fund, Return on Equity Capital, Dividend Pay out Ratio, Debt Service Ratio, Debtors Turnover, Creditors Turnover	9	5		
		d) Preparation of Cash Flow Statement	6	7		
September	Working Capital	Concept, Estimation/Projection of Capital Requirements in case of Trading and Manufacturing Organization	4	5		
		Concept, Estimation/Projection of Capital Requirements in case of Trading and Manufacturing Organization	3	1		
			45	37		

Faculty M. N. Nagariya

Co-ordinator S. Salcho



Principal [Signature]

of Higher Education
Dombivli (E)

THE SIA COLLEGE OF HIGHER EDUCATION
 DOMBIVILI - E
 TEACHING PLAN 2017-18

SEMESTER : V

COURSE : B.COM

NAME OF THE TEACHER : Mrs. Ranjana Mhalgi

CLASS : TY B.COM

SUBJECT: COST ACCOUNTING

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
2017							
JUNE	1	INTRODUCTION TO COST ACCOUNTING	objectives & scope cost centres & cost units cost classification cost elements & behaviour	4	04		
JUNE	5	CLASSIFICATION OF COST & COST SHEET	Cost classification, cost sheet, total costs, unit cost Practical problems	8	04		
JULY	5	contd	Practical problems on cost sheet	6	06		
JULY	6	RECONCILIATION OF COST & FINANCIAL ACCOUNTS	Meaning, Reconciliation st Practical problems on reconciliation.	10	05		
AUG	6	contd	Practical problems on reconciliation.	4	04		
AUG	2	MATERIAL COST	Procurement procedures, docs of stock & verification, inventory control.	3	03		
AUG			Practical problems on EOQ, Raw materials turnover ratio, preparaton of stock ledger.	5			
SEPT			Practical problems on EOQ, Raw	4	07		



THE SIA COLLEGE OF HIGHER EDUCATION
 DOMBIVILI - E
 TEACHING PLAN 2017-18

COURSE : B.COM
 CLASS : TY B.COM

SEMESTER : V
 NAME OF THE TEACHER : Mrs. Ranjana Mhalgi
 SUBJECT: COST ACCOUNTING

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	TAKEN		
2017							
			materials turnover ratio, preparation of stock ledger.				
SEPT	3	LABOUR COST	Attendance, payroll procedures, labour turnover, remuneration systems & incentive schemes. Practical problems on labour cost statement & remuneration & incentive systems	12	05		
OCT	3	cont	Practical problems on labour cost	4	04		
OCT	4	OVERHEAD COSTS	Basic concepts, Functional analysis departmental apportionment, Practical problems on OH rates Computation	8	06		
			Total Lectures	68	48		

Ranjana Mhalgi

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Ranjana Mhalgi

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THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)

P.NO.

TEACHING PLAN 2017-2018

Term / Semester : VI th	Course	BCom		
Name of the Teacher : Hema Iyengar				
Subject : Business Economics VI	Class	TYBCom		

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Theories of International Trade	a) Comparative Cost Theory	3	3	PPT	
		b) Heckscher-Ohlin Theory	2	2	PPT	
JAN	Theories of International Trade	c) Terms of Trade: Meaning and Types	2	2	PPT	
		d) Gains from Trade (with offer curves)	2	2	PPT	
	Balance of Payment and WTO	a) Concept and Structure of BOP	2	1	PPT and Video	
		b) Causes of Disequilibrium	2	2	Blackboard	
		c) Measures to correct disequilibrium in BOP	2	2	PPT	
		d) India's BOP position since 1991	2	2	PPT	
BOP and WTO	e) WTO agreements with reference to TRIPs, TRIMS, and GATS	2	2	Activity		
Foreign Exchange Market	a) Concept of Foreign Exchange Market: Functions and Dealers	2		PPT		
	b) Exchange Rate Systems	2		PPT/Case study		
	c) Spot and Forward Exchange Rate	3		PPT		
	d) Hedging, Arbitrage, and Speculation	3		PPT		



Exchange Rate Management	a) Exchange Rate Determination	3	PPT
	b) Purchasing Power Parity Theory	2	PPT
	c) Role of Central Banks in Foreign Exchange Market	3	PPT/Activity
	d) RBI's intervention in the Foreign Exchange Rate Management since 1991 (Stages)	3	PPT
APR	Revision and case study		
	Total Lectures	40	

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The SIA College of Higher Education, Dombivli east TEACHING PLAN 2017-2018

Course BCOM

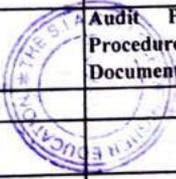
Class TYBCOM

Semester VI

Teacher :Hasitkumar.Nagariya

Subject : Auditing

Month	Topic	Sub-Topic	No. of Lectures		Methodolgy	Reviewed by
			Planned	Taken		
December	Auditing Concepts	Basics-Financial Statements	1	1	PPT	
		Users of Financial Information, Definition Of Auditing	2	1	} PPT	
		Objectives of Auditing-Primary and Secondary				
		Expression of Opinion, Detection of Frauds and Errors				
		Errors and Frauds-Definition, Reasons and Circumstances	1	1	} Role Play	
Types of Errors-Commission, Omission, Principle and Compensating	1	1				
January	Audit Planning and Procedures and Documentation	Types of Frauds, Risk of Fraud and Error in Audit, Inherent Limitations of Audit	1	1	Role Play	
		Auditors Duties and Responsibilities in Respect of Fraud	1	1	PPT	
		Principles of Audit-Documentation, Planning, Audit Evidence	1	1	PPT	
		Accounting System and Control, Audit Conclusions and Reporting	1	1	Case study	
		Auditing Concepts- Materiality, Going Concern, True and Fair, Independence	1	1	PPT	
		Audit Planning-Meaning, Objectives, Factors to be considered, Sources of obtaining information	2	1	} PPT	
		Discussion with Client, Overall Audit Plan	2	1		
		Audit Programme-Meaning, Factors, Advantages, Disadvantages	2	1	} PPT & Articles from	
Overcoming Disadvantages, Methods of Work	2	1				
		Instructions before commencing work, Overall Audit Approach	2	1	} NEWS PAPER	



		Audit Working Papers-Meaning,Importance,Factors determining Form and Contents	2	1	2	
		Main Function/Importance,Features,Contents of Permanent Audit File	2	1	}	Group
		Temporary Audit File,Ownership,Custody,Access of other parties to Audit Working Papers	2	1		Discussion
		Auditors Lien on Working Papers,Auditors Lien on Client's Books	2	1		
February	Auditing Techniues	Test Check-Test Checking vs Routine Checking,Test Check Meaning,Features,Factors to be considered	2	1	}	PPT
		When test checks can be used,Advantages,Disadvantages,Precautions	1	1		
		Audit Sampling-Audit Sampling,Meaning,Purpose,Factors in determining Sample size	2	1	}	Role Play
		Sampling Risk,Tolerable Error and Expected Error,Methods of selecting sample items	1	1		
		Evaluation of Sample Results,Auditors Liability in conducting audit based on sample	1	1		
		Internal Control-Meaning and Purpose,Review of Internal Control,Advntages	1	1	}	PPT
		Auditors Duties,review of internal control,Inherent Limitations of Internal Control	1	1		
		Internal control samples for sales and debtors, Purchase and Creditors,Wages and Salaries	1	1	}	Group Discussion
March	Vouching	Audit of Income-Revenue from sales and services , Rental Income,Interest and Dividends Income, Royalties Income	2	1		}
		Audit of Expenditure-Purchases,Salaries and Wages,Rent,Insurance Premium,Telephone Expense,Advertisement	2	1		
	Auditing Techniques:	Audit of Assets-Plant and Machinery,Accounts Receivable,Investments,Inventory	1	3	}	PPT
	Verificaton	Audit of Liabilities-Outstanding Expenses,	1	1		



	Accounts Payable, Secured Loans, Unsecured	1	1	
	Loans	45	35	
	Total			

Faculty Ward

Co-ordinator Selaks Principal

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The S.T.M. College of Higher Education
LUDOMBIVLI (E)



THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI - E
TEACHING PLAN 2017-18

SEMESTER : VI
NAME OF THE TEACHER : Mrs. Ranjana Mhalgi
SUBJECT : COST ACCOUNTING

B.COM
CLASS : TY B.COM

MONTH	UNIT/ MODULE	TOPICS	SUB-TOPIC	OF LECTURES		REMARKS	REVIEWED BY
				PLANNED	Taken		
DEC, 2017	UNIT 6	EMERGING CONCEPTS OF COST ACCOUNTING	Target costing, lifecycle costing, ABC costing, Benchmarking	6	04		
JAN, 2018	UNIT 2	CONTRACT ACCOUNTS	Meaning, Features, Terms, Accounting procedures, Proforma a/c, Practical Problems	8	10		
JAN, 2018	UNIT 3	PROCESS COSTING	Meaning, Concept, Treatment of Process Losses, determination of Process costs, treatment of Joint Products and By Products, Practical Problems.	8	05		
FEB, 2018	UNIT 3	CONTD	Practical Problems.	4	04		
FEB, 2018	UNIT 4	INTRODUCTION TO MARGINAL COSTING	Meaning, Marginal Costing Concepts, Applications, Advantages, Limitations, Breakeven analysis. Practical problems.	4 8	02 05		
MAR, 2018	UNIT 5	INTRODUCTION TO STANDARD COSTING	Meaning, steps, types, concepts and Types of Variances, Materials and Labour Variances, Practical problems	2	02		



MAR, 2018	UNIT 5	CONTD	Practical problems	4	04		
MAR, 2018	UNIT 1	COST CONTROL ACCOUNTS	Costing books, advantages, disadvantages	10	06		
			Ledgers, Practical Problems.				
			TOTAL	54	42		

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DOMBIVLI (E)
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THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)

P.NO.

TEACHING PLAN 2017-18

Term / Semester : VI Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Financial Accounting Class TYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
December, 2017	Ascertainment and Treatment of Profit Prior to Incorporation	Principles of Ascertainment and Preparation of separate, combined and columnar profit and loss a/c including different basis of allocation of expenses/income	6	06	Powerpoint Presentation and Problem solving	Salochna
		Problems on computation of Profit Prior to incorporation	6	05	Problem solving	
January, 2018	Accounting for Transaction of Foreign Currency Transactions vide AS 11	In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange differences	10	09	Powerpoint Presentation and Problem solving	Salochna



	Buy Back of Equity Shares	Company Law Provisions, Compliance of conditions including sources, maximum limits and debt equity ratio, Problems on Buy Back of Shares	10	09	Powerpoint Presentation and Problem solving
February, 2018	Final Accounts of Co-operative Housing Society	Provisions of Maharashtra State Co-operative Societies Act and Rules, Accounting provisions including appropriations to various fund, Format of final accounts - Form N	4	03	Powerpoint Presentation and Problem solving
	Final Accounts of Co-operative Housing Society	Provisions of Maharashtra State Co-operative Societies Act and Rules, Accounting provisions including appropriations to various fund, Format of final accounts - Form N	6	05	Powerpoint Presentation and Problem solving
	Valuation of Goodwill	Maintainable Profit Method, Super Profit Method and Capitalisation Method	5	04	Problem Solving
	Valuation of Shares	Intrinsic Value Method and Yield Method	5	04	Problem Solving
March, 2018			52	45	



Convenor: Salodis

Subject Teacher: Salodis

Principal: [Signature]
 College of Higher Education
 DOMBIVLI (E)

TEACHING PLAN 2017-18

SEMESTER:	VI	SUBJECT: Computer Systems & Applications	COURSE:	B.Com
NAME OF TEACHER:	Mrs. Nandini Kadam		CLASS:	T.Y.B.Com

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
December / January	Unit I - E-COMMERCE	E-COMMERCE, BUSINESS MODELS	4	4	Methodology presentations by students	
		E-COMMERCE SECURITY	7	7		
		PAYMENT SYSTEMS	7	7		
January / February	Unit II - ADVANCED EXCEL	MULTIPLE SPREADSHEETS	5	6	practical demo	
		FUNCTIONS	4	4		
February	Unit III - ADVANCED EXCEL	FUNCTIONS	2	2	practical demo	
		DATA ANALYSIS	7	8		
March	Unit IV - VISUAL BASIC	INTRO TO VB	1	2	practical demo	
		INTRO TO CONTROLS	1	2		
		VARIABLES, CONSTANTS AND CALCULATIONS	2	2		
		DECISION MAKING	3	4		
		SUB PROCEDURES	2	2		



Nandini Kadam
FACULTY

Nandini Kadam
CO-ORDINATOR

Nandini Kadam
PRINCIPAL
The S. College of Higher Education
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PRINCIPAL

	THE BIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : VI Course : BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP VI Class : TYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
November	Human Resource Management	Meaning, Features, Significance, Scope	2	02		
	Strategic Human Resource Management	Meaning, Comparison between Tradition and Strategic HRM	2	02		
	Human Resource Information System	Meaning, Importance	2	01		
	Human Resource Planning	Meaning, Steps	2	02		
December	Job Analysis	Meaning, Benefits, components	2	01		
	Job Design	Meaning, Factors influencing Job design, Techniques	2	01		
	Recruitment	Meaning, sources of Recruitment	1	01		
	Selection	Meaning, Steps in selection process for managerial personnel	1	01		
		Interview and Employment Test, Meaning and Types.	1	01		



January	Human Resource Development	Meaning, Scope/Functions	1	01		
	Training and Management Development Programme			01		
		Traning- Meaning, Method, Importance	1			
		Management Development Programme_				
		Meaning, Techniques of MDP	1	01		
	Performance Appraisal	Meaning, Benefits, Limitations, Methods	2	01		
	Career Planning and Development	Meaning, Importance, Role of Employer and employee in CPD	2	02		
		Career option in HRM	1	01		
		Succession Planning	1	01		
February	Human Relations	Meaning, significance	1	01		
	Leadership	Meaning, Theories of Leadership	4	02		
	Motivation	Meaning, Factors influencing Motivation	1	01		
		Theories of Motivation	2	01		
		Meaning, Factors influencing Employee				
	Empolyee Morale	Morale	1	01		
	Grievance Handling	Meaning, Grievance Handling Procedure	2	02		
February	Human Resource Accounting	Meaning, Importance HRA	1	01		
March	Emotion Quotient, spiritual Quotient	Meaning, Factors affecting EQ and SQ	1	01		
	Mentoring and counselling	Meaning, Techniques of counselling	1	01		
		Challenges before HR Manager in Changing Business Environmnet	2	02		

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Principal: [Signature]

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

The SIA College of Higher Education, Dombivli east TEACHING PLAN 2017-2018

Term / Semester : IV

Course BCOM

Name of the Teacher : Hasitkumar.Nagariya

Subject : Auditing

Class SYBCOM - A

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed by
			Planned	Taken		
December	Auditing Concepts	Basics-Financial Statements	1	1	PPT	
		Users of Financial Information, Definition Of Auditing	2	1	PPT	
		Objectives of Auditing-Primary and Secondary				
		Expression of Opinion, Detection of Frauds and Errors				
		Errors and Frauds-Definition, Reasons and Circumstances	1	1	Role play	
Types of Errors-Commission, Omission, Principle and Compensating	1	1				
January	Audit Planning and Procedures and Documentation	Types of Frauds, Risk of Fraud and Error in Audit, Inherent Limitations of Audit	1	1	Role play	
		Auditors Duties and Responsibilities in Respect of Fraud	1	1	PPT	
		Principles of Audit-Documentation, Planning, Audit Evidence	1	1	PPT	
		Accounting System and Control, Audit Conclusions and Reporting	1	1	case study	
		Auditing Concepts- Materiality, Going Concern, True and Fair, Independence	1	1	PPT	
		Audit Planning-Meaning, Objectives, Factors to be considered, Sources of obtaining information	2	1	PPT	
		Discussion with Client, Overall Audit Plan	2	1		
		Audit Programme-Meaning, Factors, Advantages, Disadvantages	2	1	PPT & Articles -from	
		Overcoming Disadvantages, Methods of Work	2	1		
		Instructions before commencing work, Overall Audit Approach	2	1	News paper	

		Audit Working Papers-Meaning,Importance,Factors determining Form and Contents	2	1	}	
		Main Function/Importance,Features,Contents of Permanent Audit File	2	1	}	Group Discussion
		Temporary Audit File,Ownership,Custody,Access of other parties to Audit Working Papers	2	1		
		Auditors Lien on Working Papers,Auditors Lien on Client's Books	2	1		
February	Auditing Techniuges	Test Check-Test Checking vs Routine Checking,Test Check Meaning,Features,Factors to be considered	2	1	}	PPT
		When test checks can be used,Advantages,Disadvantages,Precautions	1	1		
		Audit Sampling-Audit Sampling,Meaning,Purpose,Factors in determining Sample size	2	1	}	Role play
		Sampling Risk,Tolerable Error and Expected Error,Methods of selecting sample items	1	1		
		Evaluation of Sample Results,Auditors Liability in conducting audit based on sample	1	1	}	PPT
		Internal Control-Meaning and Purpose,Review of Internal Control,Advanges	1	1		
		Auditors Duties,review of internal control,Inherent Limitations of Internal Control	1	1	}	Group Discussion
		Internal control samples for sales and debtors, Purchase and Creditors,Wages and Salaries	1	1		
March	Vouching	Audit of Income-Revenue from sales and services , Rental Income,Interest and Dividends Income, Royalties Income	2	1	}	PPT & Role play
		Audit of Expenditure-Purchases,Salaries and Wages,Rent,Insurance Premium,Telephone Expense,Advertisement	2	1		
	Auditing Techniques:	Audit of Assets-Plant and Machinery,Accounts Receivable,Investments,Inventory	1	1	}	PPT
	Verificaton	Audit of Liabilities-Outstanding Expenses,	1	1		



	Accounts Payable, Secured Loans, Unsecured			
	Loans	1	1	
	Total	45	37	

Faculty Wizla

Co-ordinator Salochu Principal **The S.I.A. College of Higher Education
DOMBIVLI (E)**



The SIA College of Higher Education, Dombivli east TEACHING PLAN 2017-2018

Term / Semester : IV
 Name of the Teacher : Hasitkumar.Nagariya
 Subject : Auditing

Course BCOM
 Class SYBCOM-B

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed by
			Planned	Taken		
December	Auditing Concepts	Basics-Financial Statements	1	1	PPT	
		Users of Financial Information, Definition Of Auditing	2	1	PPT	
		Objectives of Auditing-Primary and Secondary				
		Expression of Opinion, Detection of Frauds and Errors	1	1	Role play	
Errors and Frauds-Definition, Reasons and Circumstances						
January	Audit Planning and Procedures and Documentation	Types of Errors-Commission, Omission, Principle and Compensating	1	1		
		Types of Frauds, Risk of Fraud and Error in Audit, Inherent Limitations of Audit	1	1	Role play	
		Auditors Duties and Responsibilities in Respect of Fraud	1	1	PPT	
		Principles of Audit-Documentation, Planning, Audit Evidence	1	1	PPT	
		Accounting System and Control, Audit Conclusions and Reporting	1	1	Case study	
		Auditing Concepts- Materiality, Going Concern, True and Fair, Independence	1	1	PPT	
		Audit Planning-Meaning, Objectives, Factors to be considered, Sources of obtaining information	2	1	PPT	
		Discussion with Client, Overall Audit Plan	2	1		
		Programme-Audit Meaning, Factors, Advantages, Disadvantages	2	1	PPT &	
		Overcoming Disadvantages, Methods of Work	2	1	Articles from	
Instructions before commencing work, Overall Audit Approach	2	1	news paper			

	Accounts Payable, Secured Loans, Unsecured		
	Loans	1	1
	Total	45	30 ✓

Faculty

Co-ordinator Salokh Principal The S.I.A. College of Higher Education

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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E)

TEACHING PLAN 2017-18

SEMESTER:	IV	SUBJECT: Computer Programming	COURSE:	B.Com
NAME OF TEACHER:	Mrs. Nandini Kadam		CLASS:	S.Y.B.Com

MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
					Methodology	
Decmeber	Unit I - Computer Com	Internet, internet connections, OSI mode	5	4	Presentations by Students	
January		Protocols, intranet, extranet, etc	4	4		
January/February	Unit II - Priniciples of D	Database, relational database, database capabilities	9	9	chalk & talk and Practically	
February/March	Unit III - Case Study of DBMS using Access	MS office workspace basics, creating database, opening, closing, saving finding, sorting, filtering records, pivot charts adding tables, fields, lookup fields etc	9	9	showing all working in classroom	
March	Unit IV - MS Access Querries	creating, working, saving and running querries, creating forms, printing reports	9	7	Practically showing in classroom	



Nandini Kadam
FACULTY

Sabir
CO-ORDINATOR

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THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)

TEACHING PLAN 2017-2018

Term / Semester : IV

Name of the Teacher : Manju Sasi Kumar

Subject : Fondation Course IV

Course : BCOM

Class : SYBCOM DIV 'B'

Month	Topic	Sub-Topic	No. of Lectures		Teaching methodology	Assessment
			Planned	Taken		
December	Significant Rights of Citizens	Rights of Consumers - right to safety, right to be informed, right to choose, right to be heard, right to seek redressal, right to consumer education.	2	3	PPP & case study	
		Violation of consumer rights and important provisions of the Consumer Protection Act, 1986.	1	2	PPT	
January		Other important laws to protect consumers, like Indian Contract Act, 1872, Sale of Goods Act; 1930, The Essential Commodities Act; 1955, The Prevention of Food Adulteration Act; 1955, The Standards of Weights and Measures Act; 1976.	2	2		
		consumer courts and consumer movement	1	1	PPT	
		Right to information - Genesis and relation with transparency and accountability; important provisions of the Right to Information Act, 2005; some success stories.	2	2	PPP & case study	



		Protection of Citizens / Public Interest - PIL, need and procedure to file a PIL, some landmark cases.	2	2	PPP & case study	
	Ecology Approaches, ethics & Issues	: Understanding approaches to ecology - Anthropocentrism, Biocentrism & Ecocentrism, Ecofeminism & Deep Ecology	3	3	PPT & Video	
		Environmental Ethics - Libertarian ethics, Ecological Extension & Conservation; concept of intrinsic & extrinsic value of human & non-human life; eco spiritual.	3	3	PPT	
		Some significant principles & issues - polluter pay principle and global and local issues of fair share of carbon space.	3		PPT	
	Technology & Development	The interconnectedness between growth of technology & development of societies	2		PPT	
		Some significant modern technologies, their basic features & applications:			PPT	
		Laser Technology - light amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use	1		PPT	



February

		Satellite Technology - various uses in satellite navigation systems, GPS, and in precise climate & weather analysis.	1		PPT	
		Information & Communication technology - electronic systems such as telecommunication, radio, television, video & internet aided by computer based information systems, convergence of various technologies like satellite, computer & digital in the information revolution of today's society.	2		PPT	
		Biotechnology & Genetic engineering - applied biology & uses in medicine, pharmaceuticals and agriculture, genetically modified plant, animal & human life Nanotechnology - definition: the study, control & application of phenomena & material at length scales below 100 nm, uses in medicine, military intelligence and consumer products.	2		PPT	
		Issue of control, Access and Misuse of Technology	2			
	Introduction to Competitive Exams	Basic information on competitive Exams - the pattern, eligibility criteria & local centres	1		PPT	



	Exams conducted for entry into professional courses - Graduate Record Examination (GRE), Graduate management Admission Test (GMAT), Commission Admission Test (CAT) & Scholastic Aptitude Test (SAT)	3	PPT	
March	Exam conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking & Insurance Sectors, and the National and State Eligibility Test (NET /SET) for entry into teaching profession	4	PPT	

T. Hays
Faculty



Satish
Convener

PRINCIPAL
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DOMBIVLI (E)
Principal

THE SIA COLLEGE OF HIGHER EDUCATION

Dombivli (E)

TEACHING PLAN 2017-2018

P.NO.

Course BCOM

Class: SYBCOM DIV 'A'

Month	Topic	Sub-Topic	No. of Lectures		Teaching methodology	Reviewed By
			Planned	Taken		
December	Significant Rights of Citizens	Rights of Consumers - right to safety, right to be informed, right to choose, right to be heard, right to seek redressal, right to consumer education.	2	2	PPP & case study	
		Violation of consumer rights and important provisions of the Consumer Protection Act, 1986.	1	1	PPT	
January		Other important laws to protect consumers, like Indian Contract Act, 1872, Sale of Goods Act; 1930, The Essential Commodities Act; 1955, The Prevention of Food Adulteration Act; 1955, The Standards of Weights and Measures Act; 1976.	2	2	PPT	
		consumer courts and consumer movement	1	1	PPT	
		Right to information- Genesis and relation with transparency and accountability; important provisions of the Right to Information Act, 2005; some success stories.	2	2	PPP & case study	



		Protection of Citizens / Public Interest - PIL, need and procedure to file a PIL, some landmark cases.	2	2/1	PPP & case study	
	Issues &	Understanding approaches to ecology - Anthropocentrism, Biocentrism & Ecocentrism, Ecofeminism & Deep Ecology	3	2	PPT & Video	
		Environmental Ethics - Libertarian ethics, Ecological Extension & Conservation; concept of intrinsic & extrinsic value of human & non-human life; eco spiritual.	3	2	PPT	
February		Some significant principles & issues - polluter pay principle and global and local issues of fair share of carbon space.	3		PPT	
	Technology & Development	the interconnectedness between growth of technology & development of societies	2		PPT	
		some significant modern technologies, their basic features & applications:			PPT	
February		Laser Technology - light amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use	1		PPT	



		Satellite Technology - various uses in satellite navigation systems, GPS, and in precise climate & weather analysis.	1		PPT	
		Information & Communication technology - electronic systems such as telecommunication, radio, television, video & internet aided by computer based information systems, convergence of various technologies like satellite, computer & digital in the information revolution of today's society.	2		PPT	
		Biotechnology & Genetic engineering - applied biology & uses in medicine, pharmaceuticals and agriculture, genetically modified plant, animal & human life Nanotechnology - definition: the study, control & application of phenomena & material at length scales below 100 nm, uses in medicine, military intelligence and consumer products.	2		PPT	
		Issue of control, Access and Misuse of Technology	2		PPT	
	Introduction to Competitive Exams	Basic information on competitive Exams - the pattern, eligibility criteria & local centres	1		PPT	



		Exams conducted for entry into professional courses - Graduate Record Examination (GRE), Graduate management Admission Test (GMAT), Commission Admission Test (CAT) & Scholastic Aptitude Test (SAT)	3	PPT	
March		Exam conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking & Insurance Sectors, and the National and State Eligibility Test (NET /SET) for entry into teaching profession	4	PPT	

T.Hay
Faculty

Saboo
Convener

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DOMBIVLI (E)
Principal



THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)

P.NO.

TEACHING PLAN 2017-18

Semester : IV Course B.Com
Name of the Teacher : Ms. Salochna Nagdev Class S.Y.B.Com (B)
Subject : Business Law

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By	
			Planned	Taken			
December, 2017	The Companies Act, 2013 Part I	Definition and Features of a Company	1	1	Power Point Presentation	Salochna	
		Role of Promoters, duties and liabilities	2	2			
		Lifting of Corporate Veil	1	1			
January, 2018		Classification of Companies, Private company and Public Company	2	2	Power Point Presentation and Sample Review of MOA, AOA and Prospectus		
		Memorandum of Association	2	2			
		Articles of Association	1	1			
		Prospectus	2	2			
	The Companies Act, 2013 Part II		Member of a Company, Modes of acquiring membership, Rights and liabilities of Members	3	3	Power Point Presentation	Salochna
			Director- Qualification and disqualification, classification, Legal Position of Directors	3	3		
			Meetings and its Types	3	05		



		Definition, Essentials, Partnership Deed, Types and Test of Partnership	4	03	
		Dissolution of a Firm and dissolution of a Partnership	2	2	
		Limited Liability Partnership Act, 2008: Definition, Body corporate, Nature of LLP	3	2	
		Limited Liability Partnership Act, 2008: Extent and limitation of liability of LLP, winding up and dissolution	3	3	Power Point Presentation
		Consumer Protection Act, 1986 and Competition Act, 2002			
February, 2018		Introduction, Definition: Consumer, Defect, Deficiency and Unfair trade practices, manufacture, Councils.	3	3	Power Point Presentation
		Consumer Protection Redressal Agencies	3	3	
		Consumer Protection Act, 1986 and Competition Act, 2002: Objects of the Act, Competition Commission, Dominant position, Anti-Competition agreement	4	3	Power Point Presentation and Case Study



	Intellectual Property Rights	Intellectual Property Right (IPR),	2	2	
		Intellectual Property Rights: Meaning of Patents, Copyrights: What works are protected, rights, who owns the rights and duration. Trade Marks- Meaning, Duration, Design	6	04	Power Point Presentation
March, 2018			50	47	

Convenor: Sabots Subject Teacher: Sabots

Principal: Principal
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DOMBIVLI (E)



THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : IV Course : B.Com
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Business Law Class : S.Y.B.Com (A)

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
December, 2017	The Companies Act, 2013 Part I	Definition and Features of a Company	1	1	Power Point Presentation	Salochna
		Role of Promoters, duties and liabilities	2	2		
		Lifting of Corporate Veil	1	1		
January		Classification of Companies, Private company and Public Company	2	2	Power Point Presentation and Sample Review of MOA, AOA and Prospectus	Salochna
		Memorandum of Association	2	2		
		Articles of Association	1	1		
		Prospectus	2	2		
	The Companies Act, 2013 Part II	Member of a Company, Modes of acquiring membership, Rights and liabilities of Members	3	3		Salochna
		Director- Qualification and disqualification, classification, Legal Position of Directors	3	3		



January, 2018	Meetings and its Types	3	5	Power Point Presentation
Indian Partnership Act, 1932 and Limited Liability Partnership Act, 2008	Definition, Essentials, Partnership Deed, Types and Test of Partnership	4	03	Power Point Presentation
	Dissolution of a Firm and dissolution of a Partnership	2	02	
	Limited Liability Partnership Act, 2008: Definition, Body corporate, Nature of LLP	3	03	
	Limited Liability Partnership Act, 2008: Extent and limitation of liability of LLP, winding up and dissolution	3	03	
	Consumer Protection Act, 1986 and Competition Act, 2002	Introduction, Definition: Consumer, Defect, Deficiency and Unfair trade practices, manufacture, Councils.	3	
February, 2018	Consumer Protection Redressal Agencies	3	02	Power Point Presentation
Consumer Protection Act, 1986 and Competition Act, 2002	Competition Act, 2002: Objects of the Act, Competition Commission, Dominant position, Anti-Competition agreement	4	03	Power Point Presentation and Case Study



March, 2018	Intellectual Property Rights	Intellectual Property Right (IPR),	2	02	Power Point Presentation
		Intellectual Property Rights: Meaning of Patents, Copyrights: What works are protected, rights, who owns the rights and duration. Trade Marks- Meaning, Duration, Design	6	05	
			50	48	

Convenor: Saloch Subject Teacher: Saloch

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



	THE BIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : IV Course BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP IV Class SYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
October	Production Planning and Control	Meanig and Definition, objectives of PPC, Steps in PPC, types of Production system	4	03		
	Productivity	Meanig, factors influencing productivity	2	02		
November	Inventory control	Meaning and Definition, objectives of Inventory Control, Techniques of Inventory control, Types of Inventory Control system	4	03		
	Quality Management	Meaning and Definition, Techniques of Quality Control-quality circle and its process	4	04		
December	Contemporary trends in Quality Management	TQM: Meanig, Features	2	02		
		Six Sigma: Meanig, Features, Steps	2	01		
		ISO: Meanig, Procedure	2	01		

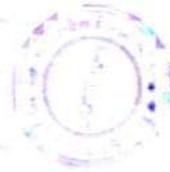


		Kaizen, Meaning, Process	2	02		
		Service Quality Management, Meaning, Importance	2	01		
	Indian Financial Market	Meaning and structure	2	01		
	SEBI	Introduction-Functions	2	02		
	Stock Exchange	Definition, Functions of stock Exchange, Dematerialization and its process	4	03		
February	Credit Rating Agencies	Meaning, functions, advantages, CRISIL and its Role	1	01		
	Contemporary Practices in Financial Market	Lease Financing: Meaning, Advantages, Types of lease	4	02		
	Mutual Fund	Meaning, factors responsible for its growth, types of mutual funds	4	03		
	Derivative Market	Meaning, participants in derivate market, types of derivatives	2	01		
	Venture Capital	Meaning, features	1	01		
March	Micro Finance	Meaning, Role/ Importance	1	01		

Convenor: Salokh

Subject Teacher: Salokh

Principal: Salokh



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DOMBIVLI (E)

THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : IV Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Accountancy and Financial Management IV Class SYBCOM (A)

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
December, 2017	Ascertainment and Treatment of Profit Prior to Incorporation	Principles of Ascertainment and Preparation of separate, combined and columnar profit and loss a/c including different basis of allocation of expenses/income	6	08	Powerpoint Presentation and Problem solving	Salochna
	Ascertainment and Treatment of Profit Prior to Incorporation	Problems on Ascertainment of Profit Prior to Incorporation	6	06	Problem solving	Salochna
		Introduction to Basic Terms : Types of Companies, nature and formation of companies, shares, debentures, type of assets and liabilities	3	03	Powerpoint Presentation	



January, 2018	Introduction to Company Accounts	Issue of Shares : Different modes of 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	5	07	Powerpoint Presentation	Salokh
February, 2018	Introduction to Company Accounts	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	5	04	Powerpoint Presentation	
	Redemption of Preference Shares	Company Law/ Legal Provisions for redemption of preference shares in Companies Act	2	02	Powerpoint Presentation	
		Sources of redemption including divisible profits and proceeds of fresh issue of shares	2	02		
		Premium on redemption from security premium and profits of company	1	01		
		Capital Redemption Reserve Account- Creation and Use	1	01		
		Problems on Redemption of Preference Shares	6	04		Problem solving

March, 2018		Redemption of debentures by payment from sources including out of capital and out of profits	3	02	
		Debenture Redemption Reserve	2	01	
		Redemption of debentures by conversion into new class of shares or debentures with options, including at par, premium and discount	4	03	
	Redemption of Debentures	Problems on Redemption of Debentures	6	04	Powerpoint Presentation and Problem solving
			52	48	

Convenor: Satish

Subject Teacher: Satish

Principal: PRINCIPAL
The S.I.A. College of Higher Ed
DOMBIVLI (E)



	THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : IV Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Accountancy and Financial Management IV Class SYBCOM (B)

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
December, 2017	Ascertainment and Treatment of Profit Prior to Incorporation	Principles of Ascertainment and Preparation of separate, combined and columnar profit and loss a/c including different basis of allocation of expenses/income	6	04	Powerpoint Presentation and Problem solving	Salochna
	Ascertainment and Treatment of Profit Prior to Incorporation	Problems on Ascertainment of Profit Prior to Incorporation	6	06	Problem solving	Salochna
		Introduction to Basic Terms : Types of Companies, nature and formation of companies, shares, debentures, type of assets and liabilities	3	03	Powerpoint Presentation	





January, 2018	Introduction to Company Accounts	Issue of Shares : Different modes of 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	5	06	Powerpoint Presentation
	Introduction to Company Accounts	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	5	04	Powerpoint Presentation
February, 2018	Redemption of Preference Shares	Company Law/ Legal Provisions for redemption of preference shares in Companies Act	2	02	
		Sources of redemption including divisible profits and proceeds of fresh issue of shares	2	02	
		Premium on redemption from security premium and profits of company	1	01	
		Capital Redemption Reserve Account- Creation and Use	1	01	Powerpoint Presentation
		Problems on Redemption of Preference Shares	6	04	Problem solving

March, 2018		Redemption of debentures by payment from sources including out of capital and out of profits	3	02	Powerpoint Presentation and Problem solving
		Debenture Redemption Reserve	2	01	
		Redemption of debentures by conversion into new class of shares or debentures with options, including at par, premium and discount	4	03	
		Problems on Redemption of Debentures	6	04	
			52	46	

Convenor: Salodis

Subject Teacher: Salodis

Principal: PRINCIPAL
The S.T.A. College of Higher Education
DOMBIVLI (E)



	COLLEGE OF HIGHER EDUCATION Dombivli (E)			P.NO.
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TEACHING PLAN 2017-18

Term / Semester: IV Course: BCOM
 Name of the Teacher: Babita Nagdev
 Subject: CP IV Class: SYBCOM (A) 8 B

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
October	Production Planning and Control	Meanig and Definition, objectives of PPC, Steps in PPC, types of Production system	4	03		
	Productivity	Meanig, factors influencing productivity	2	02		
November	Inventory control	Meaning and Definition, objectives of Inventory Control, Techniques of Inventory control, Types of Inventory Control system	4	03		
	Quality Management	Meaning and Definition, Techniques of Quality Control-quality circle and its process	4	04		
December	Contemporary trends in Quality Management	TQM: Meanig, Features	2	02		
		Six Sigma: Meanig, Features, Steps	2	01		
		ISO: Meanig, Procedure	2	01		



		Meaning, Process	2	02		
January		Key Quality Managemnet:	2	01		
		Meaning, Importance	2	01		
	Indian Financial M-	Meaning and structure	2	02		
	SEBI	Introduction-Functions	2	02		
	Stock Exchange	Definition, Functions of stock Exchange, Dematerialization and its process	4	03		
February	Credit Rating Agencies	Meaning, functions, advantages, CRISIL and its Role	1	01		
	Contemporary Practices in Financial Market	Lease Financing: Meaning, Advantages, Types of lease	4	02		
	Mutual Fund	Meanig, factors responsible for its growth, types of mutual funds	4	03		
	Derivative Market	Meaning, participants in derivate market, types of derivatives	2	01		
	Venture Capital	Meanig, features	1	01		
March	Micro Finance	Meaning, Role/ Importance	1	01		

Convenor: Saloch

Subject Teacher: [Signature]

Principal: [Signature]



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	THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : IV Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Accountancy and Financial Management IV Class SYBCOM (A) & B

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
December, 2017	Ascertainment and Treatment of Profit Prior to Incorporation	Principles of Ascertainment and Preparation of separate, combined and columnar profit and loss a/c including different basis of allocation of expenses/income	6	08	Powerpoint Presentation and Problem solving	Salochna
	Ascertainment and Treatment of Profit Prior to Incorporation	Problems on Ascertainment of Profit Prior to Incorporation	6	06	Problem solving	Salochna
		Introduction to Basic Terms : Types of Companies, nature and formation of companies, shares, debentures, type of assets and liabilities	3	03	Powerpoint Presentation	



January, 2018	Introduction to Company Accounts	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	5	07	Powerpoint Presentation	Salokh
February, 2018	Introduction to Company Accounts	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	5	04	Powerpoint Presentation	
		Company Law/ Legal Provisions for redemption of preference shares in Companies Act	2	02		
	Sources of redemption including divisible profits and proceeds of fresh issue of shares	2	02			
	Premium on redemption from security premium and profits of company	1	01			
	Capital Redemption Reserve Account- Creation and Use	1	01			
	Redemption of Preference Shares	Problems on Redemption of Preference Shares	6	04	Powerpoint Presentation Problem solving	



January, 2018	Introduction to Company Accounts	Issue of Shares : Different modes of 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	5	07	Powerpoint Presentation	Salah
	Introduction to Company Accounts	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 recivable in instalments or at a time issue of debentures for consideration other than cash	5	04	Powerpoint Presentation	
		Company Law/ Legal Provisions for redemption of preference shares in Companies Act	2	02		
		Sources of redemption including divisible profits and proceeds of fresh issue of shares	2	02		
		Premium on redemption from security premium and profits of company	1	01		
		Capital Redemption Reserve Account- Creation and Use	1	01	Powerpoint Presentation	
February, 2018	Redemption of Preference Shares	Problems on Redemption of Preference Shares	6	04	Problem solving	



January, 2018	Introduction to Company Accounts	Issue of Shares : Different modes of 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	5	07	Powerpoint Presentation	Salochis
February, 2018	Introduction to Company Accounts	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	5	04	Powerpoint Presentation	
	Redemption of Preference Shares	Company Law/ Legal Provisions for redemption of preference shares in Companies Act	2	02	Powerpoint Presentation	
		Sources of redemption including divisible profits and proceeds of fresh issue of shares	2	02		
		Premium on redemption from security premium and profits of company	1	01		
		Capital Redemption Reserve Account- Creation and Use	1	01		
Problems on Redemption of Preference Shares	6	04	Problem solving			



March, 2018	Redemption of Debentures	Redemption of debentures by payment from sources including out of capital and out of profits	3	02	Powerpoint Presentation and Problem solving
		Debenture Redemption Reserve	2	01	
		Redemption of debentures by conversion into new class of shares or debentures with options, including at par, premium and discount	4	03	
		Problems on Redemption of Debentures	6	04	
			52	42	

Convenor: Sabals

Subject Teacher: Sabals

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



	THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-2018

Term / Semester : II nd		Course	BCOM		
Name of the Teacher: Manju Sasikumar					
Subject : BUSINESS COMMUNICATION		Class	FYBCOM 'A'		

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
UNIT-1						
DEC	GROUP COMMUNICATION	INTERVIEWS:-How the interviewer prepares,types of interviewers,interview process,how a candidate should prepare for an interview,types of interview questions,frequently asked interview questions,Alternative interview formats.types of interview & Drawbacks of interviewing	3	2.5	PPT	
		Group discussion :-Reasons for holding group discussion,ways to develop gd skills,Essential of gd,Some Dos and Donts of Gd	1	73	PPT	
JAN	GROUP COMMUNICATION	Meetings:- Need and importance of meetings, conduct of meeting and Group Dynamics,Role of chairperson ,Role of participants,Drafting of Notice,Agenda and Resolutions,Types of Secretaries- Company secretary,Private secretary,functions of secretaries.	4	37	PPT	



FEB	GROUP COMMUNICATION	COMMITTEES AND CONFERENCES: Importance & Types of Committees, Meaning and Importance of Conference, Organizing a conference, Modern Methods: Skype & Webinar.	4	6	PPT
MAR	GROUP COMMUNICATION	PUBLIC RELATIONS: Meaning, Functions of PR dept, External and Internal Measures of PR, Crisis Management, Press release.	3	4	PPT
UNIT 2					
JAN	BUSINESS CORRESPONDENCE	TRADE LETTERS: Letters of Inquiry, Letters of Complaints, Claims and Adjustments, Sales letters, Promotional leaflets and fliers, Consumer Grievance Redressed letters, Letters under RTI Act.	5	4	Blackboard
UNIT 3					
FEB	LANGUAGE AND WRITING SKILLS	1. REPORTS AND BUSINESS PROPOSALS. Parts, Types, Feasibility Reports, Investigative Reports, Drafting of Business Proposals.	5	4	Blackboard
		2. Summarisation:- Identification of main and supporting/sub points, Presenting these in a cohesive manner.	5	3	Blackboard
MAR	LANGUAGE AND WRITING SKILLS	3. Tutorial Activities: Group Discussion, Book Reviews, Mock Interviews.	5	5	Blackboard



T. H. Kulkarni
Faculty

S. S. Kulkarni
Convener

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Principal

**THE SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)**

P.NO.

TEACHING PLAN 2017-2018

Term / Semester : IInd

Course **BCOM**

Name of the Teacher : Kiran Khubchandani

Class **FYBCOM 'B'**

Subject : **BUSINESS COMMUNICATION**

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		

UNIT-1

DEC	GROUP COMMUNICATION	INTERVIEWS:-How the interviewer prepares,types of interviewers,interview process,how a candidate should prepare for an interview,types of interview questions,frequently asked interview questions,Alternative interview formats.types of interview & Drawbacks of interviewing	3	8	PPT	
		Group discussion :-Reasons for holding group discussion,ways to develop gd skills,Essential of gd,Some Dos and Donts of Gd	1	2	PPT	
JAN	GROUP COMMUNICATION	Meetings:- Need and importance of meetings, conduct of meeting and Group Dynamics,Role of chairperson ,Role of participants,Drafting of Notice,Agenda and Resolutions,Types of Secretaries- Company secretary,Private secretary,functions of secretaries.	4	9	PPT	

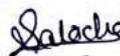


FEB	GROUP COMMUNICATION	COMMITTEES AND CONFERENCES: Importance & Types of Committees, Meaning and Importance of Conference, Organizing a conference, Modern Methods: Skype & Webinar.	4	11	PPT
MAR	GROUP COMMUNICATION	PUBLIC RELATIONS: Meaning, Functions of PR dept, External and Internal Measures of PR, Crisis Management, Press release.	3	12	PPT
UNIT 2					
JAN	BUSINESS CORRESPONDENCE	TRADE LETTERS: Letters of Inquiry, Letters of Complaints, Claims and Adjustments, Sales letters, Promotional leaflets and fliers, Consumer Grievance Redressed letters, Letters under RTI Act.	15	10	PPT
UNIT 3					
JAN	LANGUAGE AND WRITING SKILLS	1. REPORTS AND BUSINESS PROPOSALS. Parts, Types, Feasibility Reports, Investigative Reports, Drafting of Business Proposals.	5	4	PPT
FEB		2. Summarisation:- Identification of main and supporting/sub points, Presenting these in a cohesive manner.	5	4	PPT
MAR		3. Tutorial Activities: Group Discussion, Book Reviews, Mock Interviews.	5		PPT




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 Faculty


 Convenor

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TEACHING PLAN 2017-2018

Term / Semester : IInd	Course BCOM	
Name of the Teacher : Kiran Khubchandani	Class FYBCOM (B)	
Subject : Foundation course-II		

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Globalisation and Indian Society	Understanding the concepts of liberalization, privatization and globalization;	2	2	PPT	
JAN	Globalisation and Indian Society	Growth of information technology and communication and its impact manifested in every day life	1	1	PPT	
		Impact of globalization on industry, changes in employment and increasing migration	2	2	PPT	
		Changes in agrarian sector due to globalization, rise in corporate farming and increase in farmers suicides.	2	2	PPT	
	Human Rights	Concept of human rights; origin and evolution of the concept.	2	1	PPT	
		The Universal Declaration of Human Rights	4	4	PPT	



		Human Rights constituents with special reference to Fundamental Rights stated in the constitution.	4	4	PPT	
FEB	Ecology	Importance of environment studies in the current developmental context	2	1	PPT	
		Understanding concepts of environment, Ecology and interconnectedness	2	2	PPT	
		Environment as natural capital and connection to quality of human life	2	1	PPT	
		Environmental degradation - Causes and impact on human life	2	1	PPT	
		Sustainable Development-Concept and components, poverty and environment	2	2	PPT	
MAR	Understanding stress and conflict	Causes of stress and conflict in individuals and society	2	2	PPT	
		Agents of socialization and the role played by them in developing the individual	2	1	PPT	
		Significance of values, ethics and prejudices in developing the individual	2	2	PPT	
		Stereotyping and prejudice as significant factors in causing conflicts in society	2	1	PPT	
		Aggression and violence as the public expression of conflict	2	1	PPT	



Managing stress and conflict in contemporary society	Types of conflicts and use of coping mechanisms for managing individual stress;	2	2	PPT	
	Maslow's theory of self-actualisation	2	2	PPT	
	Different methods of responding to conflicts in society	2	1	PPT	
	conflict-resolution and efforts towards building peace and harmony in society	2	1	PPT	
APR	Revision				
	Total Lectures				

Neeraj
Faculty

Satish
Convenor

Principal



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THE BIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P. NO.
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TEACHING PLAN 2017-2018

Term / Semester : II nd	Course : BCOM
Name of the Teacher : Kiran Khubchandani	Class : FYBCOM (A)
Subject : Foundation course-II	

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Globalisation and Indian Society	Understanding the concepts of liberalization, privatization and globalization;	2	2	PPT	
	Globalisation and Indian Society	Growth of information technology and communication and its impact manifested in every day life	1	1	PPT	
		Impact of globalization on industry, changes in employment and increasing migration	2	1	PPT	
		Changes in agrarian sector due to globalization, rise in corporate farming and increase in farmers suicides.	2	2	PPT	
	Human Rights	Concept of human rights; origin and evolution of the concept.	2	1	PPT	
		The Universal Declaration of Human Rights	4	4	PPT	



		Human Rights constituents with special reference to Fundamental Rights stated in the constitution.	4	4	PPT	
FEB	Ecology	Importance of environment studies in the current developmental context	2	1	PPT	
		Understanding concepts of environment, Ecology and interconnectedness	2	2	PPT	
		Environment as natural capital and connection to quality of human life	2	1	PPT	
		Environmental degradation - Causes and impact on human life	2	1	PPT	
		Sustainable Development-Concept and components; poverty and environment	2	2	PPT	
MAR	Understanding stress and conflict	Causes of stress and conflict in individuals and society	2	2	PPT	
		Agents of socialization and the role played by them in developing the individual	2	1	PPT	
		Significance of values, ethics and prejudices in developing the individual	2	2	PPT	
		Stereotyping and prejudice as significant factors in causing conflicts in society	2	1	PPT	
		Agression and violence as the public expression of conflict	2	1	PPT	



Managing stress and conflict in contemporary society	Types of conflicts and use of coping mechanisms for managing individual stress;	2	1	PPT	
	Maslow's theory of self-actualisation	2	1	PPT	
	Different methods of responding to conflicts in society	2	1	PPT	
	conflict-resolution and efforts towards building peace and harmony in society	2	1	PPT	
APR	Revision				
	Total Lectures				

Niran
Faculty

Baloch
Convener

Principal



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TEACHING PLAN 2017-2018

Term / Semester : II nd	Course	BCom	
Name of the Teacher : Hema Iyengar	Class	FYBCom C	
Subject Business Economics II			

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Market Structure: Perfect Competition and Monopoly	a) Perfect Competition: Meaning and Features	1	1	PPT	
		b) Monopoly: Meaning and Features	1	1	PPT	
		c) Perfect competition and monopoly models as two extreme cases - profit maximisation and the competitive	2	2	PPT/Video	
	Market Structure: Perfect Competition and Monopoly	industry - short run & long run eq ^m of firm	2	2	PPT	
		d) Sources of monopoly power	1	1	PPT	
		e) Short run and long run equilibrium of a firm under Monopoly	1	1	PPT	
		a) Competitive and monopolistic elements of monopolistic competition	2	2	PPT/Video	
		b) Equilibrium of firm under monopolistic competition	2	2	Blackboard	
	Pricing and Output Decisions under Imperfect Competition	c) Monopolistic verses perfect competition	1	1	Blackboard	
		d) Excess capacity and inefficiency	1	1	Blackboard/PPT	
		e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	2	2	Case Study	
	Pricing and Output Decisions under	f) Key attributes of oligopoly: Collusive and non-collusive	2	2	Case Study	
		g) Price rigidity, Cartels and price leadership models	2	1	PPT	



FEB	Pricing Practices	a) Cost-plus (full cost)/mark-up pricing	2	PPT
		b) Marginal cost pricing	2	PPT
		c) Mark up pricing	2	PPT
		d) Discriminating pricing	2	PPT
MAR	Pricing Practices	e) Multiple-product pricing	1	PPT
		f) Transfer pricing (case studies on how pricing methods are used in business world)	1	PPT
	Evaluating Capital Projects	a) Meaning and importance of capital budgeting	1	PPT
		b) Steps in capital budgeting	2	PPT
		c) Meaning, Nature and stages of Globalization, features of Globalization,	2	Discussion
		d) Techniques of Investment appraisal: payback period method	2	PPT
		e) Net present value method	1	PPT
		f) Internal rate of return method (with numerical examples)	2	PPT
APR		Revision and case study		
		Total Lectures	40	



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TEACHING PLAN 2017-2018

Term / Semester : II nd		Course	BCom			
Name of the Teacher : Hema Iyengar		Class	FYBCom B			
Subject Business Economics II						
Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Market Structure: Perfect Competition and Monopoly	a) Perfect Competition: Meaning and Features	1	1	PPT	
		b) Monopoly: Meaning and Features	1	1	PPT	
		c) Perfect competition and monopoly models as two extreme cases - profit maximisation and the competitive	2	2	PPT/Video	
JAN	Market Structure: Perfect Competition and Monopoly	industry	2	2	PPT	
		d) Sources of monopoly power	1	1	PPT	
		e) Short run and long run equilibrium of a firm under Monopoly	1	2	PPT	
	Pricing and Output Decisions under Imperfect Competition	a) Competitive and monopolistic elements of monopolistic competition	2	1	PPT/Video	
		b) Equilibrium of firm under monopolistic competition	2	2	Blackboard	
		c) Monopolistic verses perfect competition	1	1	Blackboard	
		d) Excess capacity and inefficiency	1	1	Blackboard/PPT	
e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	2	1	Case Study			
Pricing and Output Decisions under	f) Key attributes of oligopoly: Collusive and non-collusive	2		Case Study		
	g) Price rigidity, Cartels and price leadership models	2		PPT		



FEB	Pricing Practices	a) Cost –plus (full cost)/mark-up pricing	2		PPT
		b) Marginal cost pricing	2		PPT
		c) Mark up pricing	2		PPT
		d) Discriminating pricing	2		PPT
MAR	Pricing Practices	e) Multiple – product pricing	1		PPT
		f) Transfer pricing (case studies on how pricing methods are used in business world)	1		PPT
	Evaluating Capital Projects	a) Meaning and importance of capital budgeting	1		PPT
		b) Steps in capital budgeting	2		PPT
		c) Meaning, Nature and stages of Globalization, features of Globalization,	2		Discussion
		d) Techniques of Investment appraisal: payback period method	2		PPT
		e) Net present value method	1		PPT
		f) Internal rate of return method (with numerical examples)	2		PPT
APR		Revision and case study			
		Total Lectures	40		

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TEACHING PLAN 2017-2018

Term / Semester : II nd		Course	BCom			
Name of the Teacher : Hema Iyengar						
Subject Business Economics II		Class	FYBCom A			
Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Market Structure: Perfect Competition and Monopoly	a) Perfect Competition: Meaning and Features	1	1	PPT	
		b) Monopoly: Meaning and Features	1	1	PPT	
		c) Perfect competition and monopoly models as two extreme cases - profit maximisation and the competitive	2	2	PPT/Video	
JAN	Market Structure: Perfect Competition and Monopoly	industry	2	2	PPT	
		d) Sources of monopoly power	1	1	PPT	
		e) Short run and long run equilibrium of a firm under Monopoly	1	2	PPT	
		a) Competitive and monopolistic elements of monopolistic competition	2	1	PPT/Video	
		b) Equilibrium of firm under monopolistic competition	2	1	Blackboard	
	Pricing and Output Decisions under Imperfect Competition	c) Monopolistic verses perfect competition	1	2	Blackboard	
		d) Excess capacity and inefficiency	1	1	Blackboard/PPT	
		e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	2	3	Case Study	
Pricing and Output Decisions under	f) Key attributes of oligopoly: Collusive and non-collusive	2		Case Study		
	g) Price rigidity, Cartels and price leadership models	2		PPT		



FEB	Pricing Practices	a) Cost-plus (full cost)/mark-up pricing	2		PPT
		b) Marginal cost pricing	2		PPT
		c) Mark up pricing	2		PPT
		d) Discriminating pricing	2		PPT
MAR	Pricing Practices	e) Multiple-product pricing	1		PPT
		f) Transfer pricing (case studies on how pricing methods are used in business world)	1		PPT
	Evaluating Capital Projects	a) Meaning and importance of capital budgeting	1		PPT
		b) Steps in capital budgeting	2		PPT
		c) Meaning, Nature and stages of Globalization, features of Globalization.	2		Discussion
		d) Techniques of Investment appraisal: payback period method	2		PPT
		e) Net present value method	1		PPT
		f) Internal rate of return method (with numerical examples)	2		PPT
APR		Revision and case study			
		Total Lectures	40		

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TEACHING PLAN 2017-2018

Term / Semester : II

Course BCom

Name of the Teacher :Mithili Gaurishankar

Subject : Mathematical and Statistical Techniques-II

Class FY Bcom

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Actual		
Dec-17	Unit:3: Bivariate Linear Correlation and	Meaning, Types of Correlation, Determination of Correlation: Scatter diagram, Karl Pearson's method of Correlation Coefficient (excluding Bivariate Frequency Distribution Table)	4	4	Ppt, Chalk and Board	
		Spearman's Rank Correlation Coefficient.	3	3	Chalk and Board	
Jan-18	Regression Correlation Analysis:	Meaning, Concept of Regression equations, Slope of the Regression Line and its interpretation. Regression Coefficients (excluding Bivariate Frequency Distribution Table),	3	3	Ppt, Chalk and Board	
		Relationship between Coefficient of Correlation and Regression Coefficients	3	3	Chalk and Board	
		Finding the equations of Regression lines by method of Least Squares.	2	2	Chalk and Board	
	Unit:1: Functions, Derivatives and Their Applications 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	4	4	Chalk and Board, formula-story telling	
		Derivative of functions: Derivative as rate measure, Derivative of x^n , e^x , a^x , $\log x$.	1	1	Chalk and Board, formula-story telling	

		Rules of derivatives: Scalar multiplication, sum, difference, product, quotient (Statements only), Simple problems. Second order derivatives.	6	6	Chalk and Board, formula-story telling
		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.)	4	4	Ppt, Chalk and Board
Feb-18	Unit:2:Interest and Annuity Interest:	Simple Interest, Compound Interest (Nominal & Effective Rate of Interest), Calculations involving upto 4 time periods.	7	7	Chalk and Board
		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.	8	6	Ppt, Chalk and Board
	Unit:4:Time series and Index Numbers 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)	3	3	Ppt, Chalk and Board
		Estimation of Seasonal Component using Simple Arithmetic Mean for Additive Model only (For Trend free data only). Concept of Forecasting using Least Squares Method.	4	3	Ppt, Chalk and Board



Mar-18	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,	4	3	Chalk and Board, formula-story telling
	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)	4	4	Chalk and Board
	Unit:5:Elementary Probability Distributions Discrete Probability Distributions: Binomial, Poisson (Properties and applications only, no derivations are expected)	7	5	Chalk and Board
	Continuous Probability distribution: Normal Distribution. (Properties and applications only, no derivations are expected)	8	6	Ppt, Chalk and Board

Mathlibi
Faculty

Saloch
Convenor

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TEACHING PLAN 2017-2018

Term / Semester : II

Course BCom

Name of the Teacher :Mithili Gaurishankar

Class FY Bcom

Subject : Mathematical and Statistical Techniques-II(TUTORIALS)

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
Dec-17	Unit:3: Bivariate Linear Correlation and	Meaning, Types of Correlation, Determination of Correlation: Scatter diagram, Karl Pearson's method of Correlation Coefficient (excluding Bivariate Frequency Distribution Table)	1	1	Chalk and Board	
		Spearman's Rank Correlation Coefficient.			Chalk and Board	
Jan-18	Regression Correlation Analysis:	Meaning, Concept of Regression equations, Slope of the Regression Line and its interpretation. Regression Coefficients (excluding Bivariate Frequency Distribution Table).	1	1	Chalk and Board	
		Relationship between Coefficient of Correlation and Regression Coefficients			Chalk and Board	
		Finding the equations of Regression lines by method of Least Squares.			Chalk and Board	
	Unit:1: Functions, Derivatives and Their Applications 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	1	1	Chalk and Board	
		Derivative of functions: Derivative as rate measure, Derivative of x^n , e^x , a^x , $\log x$.			Chalk and Board	
		Rules of derivatives: Scalar multiplication, sum, difference, product, quotient (Statements only), Simple problems. Second order derivatives.			Chalk and Board	

	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.)	1	1	Chalk and Board	
Unit:2:Interest and Annuity Interest:	Simple Interest, Compound Interest (Nominal& Effective Rate of Interest), Calculations involving upto 4 time periods.	1	1	Chalk and Board	
	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.	1	1	Chalk and Board	
Unit:4:Time series and Index Numbers 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)	1	1	Chalk and Board	
	Estimation of Seasonal Component using Simple Arithmetic Mean for Additive Model only (For Trend free data only). Concept of Forecasting using Least Squares Method.			Chalk and Board	
Mar-18	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,	1	1	Chalk and Board	
	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)			Chalk and Board	

Unit:5:Elementary Probability Distributions	Discrete Probability Distribution: Binomial, Poisson (Properties and applications only, no derivations are expected)	1	1	Chalk and Board	
	Continuous Probability distribution: Normal Distribution. (Properties and applications only, no derivations are expected)	1	1	Chalk and Board	

Methika
Faculty

Salako
Convener

Principal

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TEACHING PLAN 2017-2018

Term / Semester : II		Course			BCOM		Class:	FYBCOM DIV 'A'	Reviewed By
Name of the Teacher : Manju Sasi Kumar									
Subject : Environmental Studies									
Month	Topic	Sub-Topic	No. of Lectures		Teaching methodology	Reviewed By			
			Planned	Taken					
December	Solid waste management for sustainable society	Classification of solid waste - types & sources of solid waste, effects of solid waste pollution - health hazards, environmental impacts,	4	5	PPT				
January		Solid waste management - solid waste management in Mumbai - schemes & initiatives run by MCGM - role of citizens in waste management in urban & rural areas.	9	8	PPT				
	Agricultural Development	Environmental problems associated with agriculture: loss of productivity, land degradation, desertification - uneven food production - hunger, malnutrition and food security - sustainable agriculture practices	5	7	PPT & Videos				
February	Industrial Development	Environmental problems associated with industries - pollution - global warming, ozone layer depletion, acid rain, sustainable industrial practices - green business and green consumerism, corporate social responsibility towards environment	8	12	PPT				
	Tourism and Environment	Tourism: meaning, scope & importance - Topology of tourism - classification; tourism potential in India & challenges before India; New tourism policy of India; consequence of tourism: positive and negative impact on economy, culture and environment - ecotourism	6		PPT & Videos				



Semester	Environmental Movements & Management	Environmental movement in India: Save Narmada Movement, Chipko Movement, Appiko Movement, Save Western Ghats Movement, Environmental Management concept, need and relevance, concept of ISO 14000 & 26000; concept of carbon bank & carbon credit, EIA, ecological footprint, environmental protection act, concept & components of Geospatial Technology - applications of GIS in environmental management	L3	13	PPT
		Map filling of Mumbai & Konkan	8		PPT


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TEACHING PLAN 2017-2018

Term / Semester : II		Course	BM / CM			
Name of the Teacher : Manju Sasi Kumar		Class: FYBCOM DIV 'B'				
Subject : Environmental Studies						
Month	Topic	Sub-Topic	No. of Lectures		Teaching methodology	Reviewed By
			Planned	Taken		
December	Solid waste management for sustainable society	Classification of solid waste - types & sources of solid waste, effects of solid waste pollution - health hazards, environmental impacts,	4	4	PPT	
January		Solid waste management - solid waste management in Mumbai - schemes & initiatives run by MCGM - role of citizens in waste management in urban & rural areas.	9	8	PPT	
	Agricultural Development	Environmental problems associated with agriculture: loss of productivity, land degradation, desertification - uneven food production - hunger, malnutrition and food security - sustainable agriculture practices	5	7	PPT & Videos	
February	Industrial Development	Environmental problems associated with industries - pollution - global warming, ozone layer depletion, acid rain, sustainable industrial practices - green business and green consumerism, corporate social responsibility towards environment	8	6	PPT	
	Tourism and Environment	Tourism: meaning, scope & importance - Topology of tourism - classification; tourism potential in India & challenges before India; New tourism policy of India; consequence of tourism: positive and negative impact on economy, culture and environment - ecotourism			PPT & Videos	



March	Environmental Movements & Management	Environmental movement in India: Save Narmada Movement, Chipko Movement, Appiko Movement, Save Western Ghats Movement, Environmental Management; concept, need and relevance, concept of ISO 14000 & 16000; concept of carbon bank & carbon credit, EIA, ecological footprint; environmental protection act, concept & components of Geospatial Technology - applications of GST in environmental management	13	9	PPT	
		Map filling of Mumbai & Konkan	8		PPT	

T. Hoque
Faculty

S. Salokar
Convener

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Dombivli (E)

P.NO.

TEACHING PLAN 2017-2018

Term / Semester : II		Course		BCOM		Reviewed By
Name of the Teacher : Manju Sasi Kumar		Class:		FYBCOM DIV 'C'		
Subject : Environmental Studies						
Month	Topic	Sub-Topic	No. of Lectures		Teaching methodology	
			Planned	Taken		
December	Solid waste management for sustainable society	Classification of solid waste - types & sources of solid waste, effects of solid waste pollution - health hazards, environmental impacts,	4	5	PPT	
January		Solid waste management - solid waste management in Mumbai - schemes & initiatives run by MCGM - role of citizens in waste management in urban & rural areas.	9	8	PPT	
	Agricultural Development	Environmental problems associated with agriculture: loss of productivity, land degradation, desertification - uneven food production - hunger, malnutrition and food security - sustainable agriculture practices	5	8	PPT & Videos	
February	Industrial Development	Environmental problems associated with industries - pollution - global warming, ozone layer depletion, acid rain, sustainable industrial practices - green business and green consumerism, corporate social responsibility towards environment	8	12	PPT	
	Tourism and Environment	Tourism: meaning, scope & importance - Topology of tourism - classification; tourism potential in India & challenges before India; New tourism policy of India; consequence of tourism: positive and negative impact on economy, culture and environment - ecotourism			PPT & Videos	



March	Environmental Movements & Management	Environmental movement in India: Save Narmada Movement, Chipko Movement, Appiko Movement, Save Western Ghats Movement, Environmental Management; concept, need and relevance, concept of ISO 14000 & 16000; concept of carbon bank & carbon credit, EIA, ecological footprint; environmental protection act, concept & components of Geospatial Technology - applications of GST in environmental management	13	/	PPT	
		Map filling of Mumbai & Konkan	8	8	PPT	

T. Nandy
Faculty

Sabnis
Convenor

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TEACHING PLAN 2017-2018

Term / Semester : II

Name of the Teacher : Sreekala Nair

Subject : Maths & Statistics

COURSE

SEMESTER

Class

FYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Medium/Method/Remarks	Reviewed By
			Planned	Taken		
	Maths					
Dec	Functions & their applications	Mathematical functions	2	2	Black Board	
		Economic functions	5	4	Black Board	
	Derivatives & applications of derivatives	Derivatives of standard functions	1	1	Black Board	
		Algebra of derivatives {scalar multiplication, sum, product, quotient}	2	2	Black Board	
Jan		problems related to algebra of derivatives	4	2	Black Board	
		second order derivatives	2	1	Black Board	
		Applications: Marginal cost, Marginal revenue, Elasticity of demand, Maxima and minima	6	3	Black Board	
Jan	Statistics					
	Bivariate Linear Correlation	Introduction, Methods of determining Correlation	1	1	PPT	
		Karl Pearson's method	3	3	Black Board	
		Spearman's Rank correlation coefficient	4	3	Black Board	



	Index Numbers	Test of consistency	1		
		Chain base index number, Cost of living index numbers	3		
		Concept of Real income, Wholesale price index number	1		
	Maths				
	Annuity & EMI	Annuity immediate & its present value, Future value	2		
		EMI using reducing balancing method & Amortization of loan	3		
Mar	Statistics				
	Probability distribution	Discrete-Binomial & Poisson	4		
Mar	Statistics				
	Probability distribution	Continuous-Normal distribution	3		

Sain
Faculty

Salach
Convener

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Principal

TEACHING PLAN 2017-2018

Term / Semester : II

Course

Beam C

Name of the Teacher : Sreekala Nair

Class

FYBCom

Subject : Maths & Statistics

Month	Topic	Sub-Topic	No. of Lectures		METHODS Remarks	Reviewed By
			Planned	Taken		
	Maths					
Dec	Functions & their applications	Mathematical functions	2	1	PPT,	
		Economic functions	5	3	Chalk & Board	
	Derivatives & applications of derivatives	Derivatives of standard functions	1	1	chalk &	
		Algebra of derivatives {scalar multiplication, sum, product, quotient}	2	3	Board	
Jan		problems related to algebra of derivatives	4	2	Chalk, Board	
		second order derivatives	2	2		
		Applications: Marginal cost, Marginal revenue, Elasticity of demand, Maxima and minima	6	3	chalk & Board	
Jan	Statistics					
	Bivariate Linear Correlation	Introduction, Methods of determining Correlation	1	1	PPT	
		Karl Pearson's method	3	3	Board	
		Spearman's Rank correlation coefficient	4	2	Chalk & Board	

	Bivariate Linear Regression	Introduction, Concept of regression equations, Regression Coefficients	1	1	Black Board
		Problems	4	2	Chalk
		Relationship between regression coefficient and Correlation coefficient	2	1	Black Board
Jan	Maths				
Feb	Interest-Simple & Compound	Simple interest	4		
		Compound interest	6		
	Statistics				
	Time series Analysis	Concept & Components of a Time series	1	1	PPT
		Representation of trend by Freehand Curve method	1	1	PPT
		Estimation of trend by moving average method & Least square method	4	2	Black Board
Feb		Estimation of seasonal component using simple arithmetic mean for additive model	2		
		Concept of forecasting using least square method	2		
Feb	Index Numbers	Concept, usage & Types of Index numbers	2		
		Aggregate & Relative index number	1		
		Laspeyres's, Paasche's, Drobish-Bowley's, Marshall-Edgeworth, Fisher's Ideal index numbers	3		
Feb	Statistics				
	Index Numbers	Test of consistency	1		



		Chain base index number, Cost of living index numbers	3			
		Concept of Real income, Wholesale price index number	1			
	Maths					
	Annuity & EMI					
		Annuity immediate & its present value, Future value	2			
		EMI using reducing balancing method & Amortization of loan	3			
Mar	Statistics					
	Probability distribution					
		Discrete-Binomial & Poisson	4			
Mar	Statistics					
	Probability distribution					
		Continuous-Normal distribution	3			

Soni
Faculty

Salach
Convenor

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TEACHING PLAN 2017-2018(TUTORIAL)

Term / Semester : II	Course	Beom A
Name of the Teacher : Sreekala Nair	Class	FYBCom
Subject : Maths & Statistics		

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
Jan	Functions & their applications					
	Derivatives & applications of derivatives		1	2		
	Bivariate Linear Correlation		2	1		
	Bivariate Linear Regression			1		
Feb	Interest-Simple & Compound		2			
	Time series Analysis					
Feb	Index Numbers		4			
	Annuity & EMI					
Mar	Statistics					
	Probability distribution		4			
	Probability distribution					



Sair
Faculty

Sakshi
Convenor

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	THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	P.NO.
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TEACHING PLAN 2017-18

Term / Semester : II Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Accountancy and Financial Management Class FYBCOM (B)

Month	Topic	Sub-Topic	No. of Lectures		Reviewed By
			Planned	Taken	
December, 2017	Consignment Accounts	Accounting for consignment transactions, valuation of stock, invoicing of goods at higher price, Problems on Consignment Accounting	4	06	Powerpoint Presentation and Problem Solving <i>Salochna</i>
January, 2018	Consignment Accounts	Problems on Consignment Accounting	10	10	Problem solving <i>Salochna</i>
	Fire Insurance Claim	Computation of loss of Stock by Fire and Ascertainment of Claim as per the insurance Policy	6	08	Powerpoint Presentation and Problem Solving <i>Salochna</i>
	Fire Insurance Claim	Ascertainment of Claim as per the insurance Policy	4		Problem solving <i>Salochna</i>
	Branch Accounts	Meaning of Branch/Classification of branch	1		Powerpoint Presentation <i>Salochna</i>
February, 2018	Branch Accounts	Accounting for Dependent Branch not maintaining full books by Stock and Debtor method	10		Problem Solving <i>Salochna</i>



March, 2018	Accounting from Incomplete Records	Introduction, Problems on preparation of final accounts of proprietary Trading Concern by conversion method	15		Powerpoint Presentation and Problem Solving	
			50			

Convenor: Salachis

Subject Teacher: Salachis

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TEACHING PLAN 2017-18

Term / Semester : II Course BCOM
 Name of the Teacher : Ms. Salohna Nagdev
 Subject : Accountancy and Financial Management Class FYBCOM (A)

Month	Topic	Sub-Topic	No. of Lectures		Reviewed By
			Planned	Taken	
December, 2017	Consignment Accounts	Accounting for consignment transactions, valuation of stock, invoicing of goods at higher price, Problems on Consignment Accounting	4	04	Powerpoint Presentation and Problem Solving <i>Salohna</i>
January, 2018	Consignment Accounts	Problems on Consignment Accounting	10	10	Problem solving
	Fire Insurance Claim	Computation of loss of Stock by Fire and Ascertainment of Claim as per the insurance Policy	6	03	Powerpoint Presentation and Problem Solving <i>Salohna</i>
	Fire Insurance Claim	Ascertainment of Claim as per the insurance Policy	4	03	Problem solving
		Meaning of Branch/Classification of branch	1	01	Powerpoint Presentation



February, 2018	Branch Accounts	Accounting for Dependent Branch not maintaining full books by Stock and Debtor method	10	08	Problem Solving
March, 2018	Accounting from Incomplete Records	Introduction, Problems on preparation of final accounts of proprietary Trading Concern by conversion method	15	13	Powerpoint Presentation and Problem Solving
			50	42	

Convener: Salade

Subject Teacher: Salade

Principal: PRINCIPAL
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TEACHING PLAN 2017-18

Term / Semester : II Course : BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP II Class : FYBCOM

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
October	Concept of Services	Meaning, characteristics, scope and classification of services	4	04		
		Importance of service sector	1	01		
November	Marketing Mix	Consumer expectations for services, services mix	2	01		
	Service Strategies	Market research and service development cycle, managing demand and capacity, opportunities and challenges in service sector	4	02		
December	Retailing	Concept of organized and unorganized retailing, trends in retailing, growth of organized retailing in India, survival strategies for unorganized retailers	4	02		
		Store format, non-store format, store planning, design and layout.	2	01		



January	Retail Scenario	Prospects and challenges, mall managemnet, franchising, FDI in Retailing, careers in retailing	4	03		
	Recent Trends in Service sector	Concept and scope of BPO, KPO, LPO and ERP	2	01		
	Banking and Insurance Sector	ATM, Debit and Credit Cards, Internet Banking	2	01		
		Opening of insurance sector for private players, FDI and its impact on Banking and insurance sector in India	4	03		
	Logistics	Net working- Importance- Challenges	2	02		
	E_ Commerce	Meaning, features, functions and scope of E-Commerce, Importance and limitations of E-Commerce	4	02		
February	Types	Basic ideas and major activities of B2C, B2B, C2C	2	01		
March	Present status of E-Commerce in India	Transition to E-Commerce in India, E-Transition challenges for Indian corporates, online Marketing Research	2	01		
	Revision		4	04		

Convenor: _____

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Faculty: _____

Bishu

Principal: _____

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Dombivli (E)**

P.NO.

TEACHING PLAN 2017-2018

Term / Semester : IInd	Course	BCOM
Name of the Teacher: Manju Sasikumar	Class	FYBCOM 'A' & C
Subject : BUSINESS COMMUNICATION		

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
UNIT-1						
DEC	GROUP COMMUNICATION	INTERVIEWS:-How the interviewer prepares,types of interviewers,interview process,how a candidate should prepare for an interview,types of interview questions,frequently asked interview questions,Alternative interview formats.types of interview & Drawbacks of interviewing	3	25	PPT	
		Group discussion :-Reasons for holding group discussion,ways to develop gd skills,Essential of gd,Some Dos and Donts of Gd	1	3	PPT	
JAN	GROUP COMMUNICATION	Meetings:- Need and importance of meetings, conduct of meeting and Group Dynamics,Role of chairperson ,Role of participants,Drafting of Notice,Agenda and Resolutions,Types of Secretaries- Company secretary,Private secretary,functions of secretaries.	4	7	PPT	



FEB	GROUP COMMUNICATION	COMMITTEES AND CONFERENCES:Importance & Types of Committees,Meaning and Importance of Conference,Organizing a conference,Modern Methods:Skype & Webinar.	4	6	PPT	
MAR	GROUP COMMUNICATION	PUBLIC RELATIONS:Meaning,Functions of PR dept,External and Internal Measures of PR, Crisis Management,Press release.	3	4	PPT	
UNIT 2						
JAN	BUSINESS CORRESPONDENCE	TRADE LETTERS:Letters of Inquiry, Letters of Complaints,Claims and Adjustments,Sales letters,Promotional leaflets and fliers, Consumer Grievance Redressed letters,Letters under RTI Act.	5	4	Blackboard	
UNIT 3						
FEB	LANGUAGE AND WRITING SKILLS	1.REPORTS AND BUSINESS PROPOSALS. Parts ,Types ,Feasibility Reports,Investigative Reports,Drafting of Business Propsals.	5	4	Blackboard	
		2.Summarisation:- Identification of main and supporting/sub points,Presenting these in a cohesive manner.	5	3	Blackboard	
MAR	LANGUAGE AND WRITING SKILLS	3.Tutorial Activities:Group Discussion,Book Reviews,Mock Interviews.	5	5	Blackboard	



T. H. H. H.
Faculty

S. S. S.
convenor

S. S. S.
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TEACHING PLAN 2017-18

Term / Semester : II Course BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP II Class FYBCOM (A)

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
October	Concept of Services	Meaning, characteristics, scope and classification of services	4	04		
		Importance of service sector	1	01		
November	Marketing Mix	Consumer expectations for services, services mix	2	01		
	Service Strategies	Market research and service development cycle, managing demand and capacity, opportunities and challenges in service sector	4	02		
December	Retailing	Concept of organized and unorganized retailing, trends in retailing, growth of organized retailing in India, survival strategies for unorganized retailers	4	02		
	Retail Format	Store format, non-store format, store planning, design and layout.	2	01		



January	Retail Scenario	Prospects and challenges, mall managemnet, franchising, FDI in Retailing, careers in retailing	4	03		
	Recent Trends in Service sector	Concept and scope of BPO, KPO, LPO and ERP	2	01		
	Banking and Insurance Sector	ATM, Debit and Credit Cards, Internet Banking	2	01		
		Opening of insurance sector for private players, FDI and its impact on Banking and insurance sector in India	4	03		
	Logistics	Net working- Impportance- Challenges	2	02		
February	E Commerce	Meaning, features, functions and scope of E-Commerce, Impportance and limitations of E-Commerce	4	02		
	Types	Basic ideas and major activities of B2C, B2B, C2C	2	01		
	Present status of E-Commerce in India	Transition to E-Commerce in India, E-Transition challenges for Indian corporates, online Marketing Research	2	01		
March	Revision		4	04		

Convenor: Satish

Faculty: B. S. M.

Principal: K.



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SIA COLLEGE OF HIGHER EDUCATION
Dombivli (E)

Term / Semester : IInd P.NO.

TEACHING PLAN 2017-2018

Name of the Teacher : Kiran Khubchandani Course BCOM

Subject : Foundation course-II Class FYBCOM CABSC

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
DEC	Globalisation and Indian Society	Understanding the concepts of liberalization, privatization and globalization;	2	2	PPT	
JAN	Globalisation and Indian Society	Growth of information technology and communication and its impact manifested in every day life	1	1	PPT	
		Impact of globalization on industry, changes in employment and increasing migration	2	2	PPT	
		Changes in agrarian sector due to globalization, rise in corporate farming and increase in farmers suicides.	2	2	PPT	
	Human Rights	Concept of human rights; origin and evolution of the concept.	2	1	PPT	
The Universal Declaration of Human Rights		4	4	PPT		



		Human Rights constituents with special reference to Fundamental Rights stated in the constitution.	4	4	PPT	
FEB	Ecology	Importance of environment studies in the current developmental context	2	1	PPT	
		Understanding concepts of environment, Ecology and interconnectedness	2	2	PPT	
		Environment as natural capital and connection to quality of human life	2	1	PPT	
		Environmental degradation - Causes and impact on human life	2	1	PPT	
		Sustainable Development-Concept and components; poverty and environment	2	2	PPT	
MAR	Understanding stress and conflict	Causes of stress and conflict in individuals and society	2	2	PPT	
		Agents of socialization and the role played by them in developing the individual	2	1	PPT	
		Significance of values, ethics and prejudices in developing the individual	2	2	PPT	
		Stereotyping and prejudice as significant factors in causing conflicts in society	2	1	PPT	
		Aggression and violence as the public expression of conflict	2	1	PPT	



Managing stress and conflict in contemporary society	Types of conflicts and use of coping mechanisms for managing individual stress;	2	2	PPT	
	Maslow's theory of self-actualisation	2	2	PPT	
	Different methods of responding to conflicts in society	2	1	PPT	
	conflict-resolution and efforts towards building peace and harmony in society	2	1	PPT	
APR	Revision				
	Total Lectures				

Niran
Faculty

Sabnis
Convenor

Principal

M
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TEACHING PLAN 2017-18

Term / Semester : II Course
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Accountancy and Financial Management Class

BCOM

A,
FYBCOM (B) & C.

Month	Topic	Sub-Topic	No. of Lectures		Reviewed By
			Planned	Taken	
December, 2017	Consignment Accounts	Accounting for consignment transactions, valuation of stock, invoicing of goods at higher price, Problems on Consignment Accounting	4	06	Powerpoint Presentation and Problem Solving Salochna
		Problems on Consignment Accounting	10	10	Problem solving Salochna
January, 2018	Fire Insurance Claim	Computation of loss of Stock by Fire and Ascertainment of Claim as per the insurance Policy	6	08	Powerpoint Presentation and Problem Solving
		Ascertainment of Claim as per the insurance Policy	4		Problem solving Salochna
	Branch Accounts	Meaning of Branch/Classification of branch Accounting for Dependent Branch not maintaining full books by Stock and Debtor method	1 10		Powerpoint Presentation Problem Solving
February, 2018					



March, 2018	Accounting Incomplete Records	from	Introduction, Problems on preparation of final accounts of proprietary Trading Concern by conversion method	15 50		Powerpoint Presentation and Problem Solving	
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Convenor: Salach

Subject Teacher: Salach

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TEACHING PLAN 2017-18

Term / Semester : IV Course BCOM
 Name of the Teacher : Ms. Salochna Nagdev
 Subject : Accountancy and Financial Management IV Class SYBCOM (A) & B

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
December, 2017	Ascertainment and Treatment of Profit Prior to Incorporation	Principles of Ascertainment and Preparation of separate, combined and columnar profit and loss a/c including different basis of allocation of expenses/income	6	08	Powerpoint Presentation and Problem solving	Salochna
		Problems on Ascertainment of Profit Prior to Incorporation	6	06	Problem solving] Salochna
		Introduction to Basic Terms : Types of Companies, nature and formation of companies, shares, debentures, type of assets and liabilities	3	03	Powerpoint Presentation	



January, 2018	Introduction to Company Accounts	Issue of Shares : Different modes of 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	5	07	Powerpoint Presentation	Salactus
February, 2018	Introduction to Company Accounts	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	5	04	Powerpoint Presentation	
	Redemption of Preference Shares	Company Law/ Legal Provisions for redemption of preference shares in Companies Act	2	02		
		Sources of redemption including divisible profits and proceeds of fresh issue of shares	2	02		
		Premium on redemption from security premium and profits of company	1	01		
		Capital Redemption Reserve Account- Creation and Use	1	01	Powerpoint Presentation	
		Problems on Redemption of Preference Shares	6	04	Problem solving	



March, 2018	Redemption of Debentures	Redemption of debentures by payment from sources including out of capital and out of profits	3	02	Powerpoint Presentation and Problem solving
		Debenture Redemption Reserve	2	01	
		Redemption of debentures by conversion into new class of shares or debentures with options, including at par, premium and discount	4	03	
		Problems on Redemption of Debentures	6	04	
			52	42	

Convenor: Satish

Subject Teacher: Satish

Principal: PRINCIPAL
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	COLLEGE OF HIGHER EDUCATION Dombivli (E)			P.NO.
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TEACHING PLAN 2017-18

Term / Semester : IV Course : BCOM
 Name of the Teacher : Babita Nagdev
 Subject : CP IV Class : SYBCOM (A) & B

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
October	Production Planning and Control	Meanig and Definition, objectives of PPC, Steps in PPC, types of Production system	4	03		
	Productivity	Meanig, factors influencing productivity	2	02		
November	Inventory control	Meaning and Definition, objectives of Inventory Control, Techniques of Inventory control, Types of Inventory Control system	4	03		
	Quality Management	Meaning and Definition, Techniques of Quality Control-quality circle and its process	4	04		
December	Contemporary trends in Quality Management	TQM: Meanig, Features	2	02		
		Six Sigma: Meanig, Features, Steps	2	01		
		ISO: Meanig, Procedure	2	01		



January		Leasing, Process	2	02		
		Key Quality Management	2	01		
		Meaning, Importance				
	Indian Financial M-	Meaning and structure	2	01		
	SEBI	Introduction-Functions	2	02		
	Stock Exchange	Definition, Functions of stock Exchange, Dematerialization and its process	4	03		
February	Credit Rating Agencies	Meaning, functions, advantages, CRISIL and its Role	1	01		
	Contemporary Practices in Financial Market	Lease Financing: Meaning, Advantages, Types of lease	4	02		
	Mutual Fund	Meanig, factors responsible for its growth, types of mutual funds	4	03		
	Derivative Market	Meaning, participants in derivate market, types of derivatives	2	01		
	Venture Capital	Meanig, features	1	01		
March	Micro Finance	Meaning, Role/ Importance	1	01		

Convenor: Satish

Subject Teacher: Prashant

Principal: [Signature]



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P.NO.

TEACHING PLAN 2017-2018

Term / Semester : IInd

Name of the Teacher : Hema Iyengar

Subject : Business Economics II

Course

BCom

Class

FYBCom

A

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
DEC	Market Structure: Perfect Competition and Monopoly	a) Perfect Competition: Meaning and Features	2	2		
		b) Monopoly: Meaning and Features	1	1		
		c) Perfect competition and Monopoly models as two extreme cases - profit maximisation and the competitive firm's supply curve	3	2		
		c) Short run and long run equilibrium of a firm and of industry	2	2		
		d) Sources of monopoly power	1	1		
		e) Short run and long run equilibrium of a firm under Monopoly	1	1		
JAN	Pricing and Output Decisions under Imperfect Competition	a) Competitive and Monopolistic elements of monopolistic competition	1	1		
		b) Equilibrium of firm under monopolistic competition	1	1		
		c) Monopolistic verses perfect competition	1	1		
		d) Excess capacity and inefficiency	1	1		
		e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	1	1		
		f) Key attributes of oligopoly: Collusive and non-collusive oligopoly market	3	2		
		g) Price rigidity, Cartels and price leadership models(with practical examples)	3	2		
FEB	Pricing Practices	a) Cost -plus (full cost)/mark-up pricing	1	1		
		b) Marginal cost pricing	1	1		
		c) Mark up pricing	1	1		
		d) Discriminating pricing	1	1		
		e) Multiple - product pricing	1	1		
		f) Transfer pricing (case studies on how pricing methods are used in business world)	1	1		



MAR	Evaluating Capital Projects	a) Meaning and importance of capital budgeting	1	1		
		b) Steps in capital budgeting	1	1		
		c) Meaning, Nature and stages of Globalization; features of Globalization,	2	1		
		d) Techniques of Investment appraisal: payback period method	1	1		
		e) Net present value method	1	1		
		f) Internal rate of return method (with numerical examples)	1	1		
APR		Revision and case study	4	4		
		Total Lectures	87	53		

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TEACHING PLAN 2017-2018

Term / Semester : IInd

Name of the Teacher : Hema Ivengar

Course

BCom

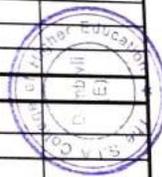
Subject : Business Economics II

Class

FYBCom

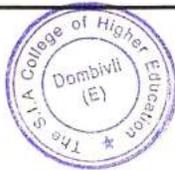
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Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
DEC	Market Structure: Perfect Competition and Monopoly	a) Perfect Competition: Meaning and Features	2	2		
		b) Monopoly: Meaning and Features	1	1		
		c) Perfect competition and Monopoly models as two extreme cases - profit maximisation and the competitive firm's supply curve	3	2		
		c) Short run and long run equilibrium of a firm and of industry	2	2		
		d) Sources of monopoly power	1	1		
		e) Short run and long run equilibrium of a firm under Monopoly	1	1		
JAN	Pricing and Output Decisions under Imperfect Competition	a) Competitive and Monopolistic elements of monopolistic competition	1	1		
		b) Equilibrium of firm under monopolistic competition	1	1		
		c) Monopolistic verses perfect competition	1	1		
		d) Excess capacity and inefficiency	1	1		
		e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	1	1		
		f) Key attributes of oligopoly: Collusive and non-collusive oligopoly market	3	2		
		g) Price rigidity, Cartels and price leadership models(with practical examples)	3	2		
FEB	Pricing Practices	a) Cost -plus (full cost)/mark-up pricing	1	1		
		b) Marginal cost pricing	1	1		
		c) Mark up pricing	1	1		
		d) Discriminating pricing	1	1		
		e) Multiple - product pricing	1	1		
		f) Transfer pricing (case studies on how pricing methods are used in business world)	1	1		



MAR	Evaluating Capital Projects	a) Meaning and importance of capital budgeting	1	1		
		b) Steps in capital budgeting	1	1		
		c) Meaning, Nature and stages of Globalization, features of Globalization.				
		d) Techniques of Investment appraisal: payback period method	2	1		
		e) Net present value method				
		f) Internal rate of return method (with numerical examples)	1	1		
APR		Revision and case study	4	4		
		Total Lectures	37	33		

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TEACHING PLAN 2017-2018

Term / Semester : II nd	Course	BCom	
Name of the Teacher : Hema Iyengar	Class	FYBCom	C
Subject : Business Economics II			

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
DEC	Market Structure: Perfect Competition and Monopoly	a) Perfect Competition: Meaning and Features	2	2		
		b) Monopoly: Meaning and Features	1	1		
		c) Perfect competition and Monopoly models as two extreme cases - profit maximisation and the competitive firm's supply curve	3	2		
		c) Short run and long run equilibrium of a firm and of industry	2	2		
		d) Sources of monopoly power	1	1		
		e) Short run and long run equilibrium of a firm under Monopoly	1	1		
JAN	Pricing and Output Decisions under Imperfect Competition	a) Competitive and Monopolistic elements of monopolistic competition	1	1		
		b) Equilibrium of firm under monopolistic competition	1	1		
		c) Monopolistic verses perfect competition	1	1		
		d) Excess capacity and inefficiency	1	1		
		e) Debate over role of advertising, (topics to be taught using case studies from real life examples)	1	1		
		f) Key attributes of oligopoly: Collusive and non-collusive oligopoly market	3	2		
		g) Price rigidity, Cartels and price leadership models(with practical examples)	3	2		
FEB	Pricing Practices	a) Cost-plus (full cost)/mark-up pricing	1	1		
		b) Marginal cost pricing	1	1		
		c) Mark up pricing	1	1		
		d) Discriminating pricing	1	1		
		e) Multiple-product pricing	1	1		
		f) Transfer pricing (case studies on how pricing methods are used in business world)	1	1		



MAR	Evaluating Capital Projects	a) Meaning and importance of capital budgeting	1	1		
		b) Steps in capital budgeting	1	1		
		c) Meaning, Nature and stages of Globalization, features of Globalization,				
		d) Techniques of Investment appraisal: payback period method	2	1		
		e) Net present value method	1	1		
		f) Internal rate of return method (with numerical examples)	1	1		
APR		Revision and case study	4	4		
		Total Lectures	37	32		

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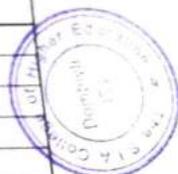
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TEACHING PLAN 2017-2018

Term / Semester : VIth	Course	BCom
Name of the Teacher : Hema Iyengar		
Subject : Business Economics VI	Class	TYBCom

A

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
DEC	Theories of International Trade	a) Comparative Cost Theory	2	2		
		b) Heckscher-Ohlin Theory	2	2		
		c) Terms of Trade: Meaning and Types	2	2		
		d) Gains from Trade (with offer curves)	2	2		
JAN	Balance of Payment and WTO	a) Concept and Structure of BOP	2	2		
		b) Causes of Disequilibrium	3	2		
		c) Measures to correct disequilibrium in BOP	2	1		
		d) India's BOP position since 1991	2	1		
		e) WTO agreements with reference to TRIPs, TRIMS, and GATS	2	2		
FEB	Foreign Exchange Market	a) Concept of Foreign Exchange Market: Functions and Dealers	2	2		
		b) Exchange Rate Systems	2	2		
		c) Spot and Forward Exchange Rate	2	2		
		d) Hedging, Arbitrage, and Speculation	2	2		
MAR	Exchange Rate Management	a) Exchange Rate Determination	2	2		
		b) Purchasing Power Parity Theory	1	1		
		c) Role of Central Banks in Foreign Exchange Market	1	1		
		d) RBI's intervention in the Foreign Exchange Rate Management since 1991 (Stages)	2	2		



APR		Revision and case study	4	4		
		Total	37	34		

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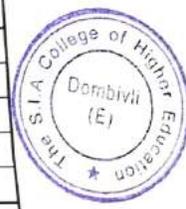
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TEACHING PLAN 2017-2018

Term / Semester : VI th	Course	BCom	B
Name of the Teacher : Hema Iyengar	Class	TYBCom	
Subject : Business Economics VI			

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
DEC	Theories of International Trade	a) Comparative Cost Theory	2	2		
		b) Heckscher-Ohlin Theory	2	2		
		c) Terms of Trade: Meaning and Types	2	2		
		d) Gains from Trade (with offer curves)	2	2		
JAN	Balance of Payment and WTO	a) Concept and Structure of BOP	2	2		
		b) Causes of Disequilibrium	2	2		
		c) Measures to correct disequilibrium in BOP	2	2		
		d) India's BOP position since 1991	2	1		
		e) WTO agreements with reference to TRIPs, TRIMS, and GATS	2	2		
FEB	Foreign Exchange Market	a) Concept of Foreign Exchange Market: Functions and Dealers	2	2		
		b) Exchange Rate Systems	2	2		
		c) Spot and Forward Exchange Rate	2	2		
		d) Hedging, Arbitrage, and Speculation	2	2		
MAR	Exchange Rate Management	a) Exchange Rate Determination	2	2		
		b) Purchasing Power Parity Theory	1	1		
		c) Role of Central Banks in Foreign Exchange Market	1	1		
		d) RBI's intervention in the Foreign Exchange Rate Management since 1991 (Stages)	2	2		



APR		Revision and case study	4	4		
		Total	37	34		

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TEACHING PLAN 2017-18

SEMESTER: III
NAME OF TEACHER:

SUBJECT: Mobile Programming
Sandhya Thakkar

COURSE: Information Technology
CLASS: S.Y. Bsc I.T.

MONTH	TOPIC	SUB-TOPIC	O.OF LECTURES		REMARKS/REVIEWED BY
			PLANNED	TAKEN	
June	Practical 1	Setting up CORDOVA, PhoneGAP Project and environment.			[Handwritten signature]
		1. • Creating and building simple "Hello World" App using Cordova	3	3	
		• Adding and Using Buttons • Adding and Using Event Listeners			
June	Practical 2	• Creating and Using Functions • Using Events • Handling and Using Back Button	3	3	
		• Installing and Using Plugins • Installing and Using Battery Plugin • Installing and Using Camera Plugin	3	3	[Handwritten signature]
July	Practical 4	• Installing and Using Contacts Plugin • Installing and Using Device Plugin • Installing and Using Accelerometer Plugin	3	3	
		• Install and Using Device Orientation plugin • Install and Using Device Orientation plugin • Create and Using Prompt Function	3	3	



August	Practical 6	<ul style="list-style-type: none"> Installing and Using File Plugin Installing and Using File Transfer Plugin Using Download and Upload functions 	PTO				
August	Practical 7	<ul style="list-style-type: none"> Installing and Using Globalization Plugin Installing and Using Media Plugin Installing and Using Media Capture Plugin 	3	3			
September	Practical 8	<ul style="list-style-type: none"> Installing and Using Network Information Plugin Installing and Using Splash Screen Plugin Installing and Using Vibration Plugin 	3	3			
September	Practical 9	<ul style="list-style-type: none"> Developing Single Page Apps Developing Multipage Apps Storing Data Locally in a Cordova App 					
September	Practical 10	<ul style="list-style-type: none"> Use of sqlite plugin with PhoneGap / apache Cordova Using Sqlite read/write and search Populating Cordova SQLite storage with the JQuery API 	3	3			

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TEACHING PLAN 2017-2018

SEMESTER:	V	SUBJECT: Advanced JAVA	COURSE:	IT	REVIEWED BY
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	REMARKS
JUNE	Unit - I : Event Handling	The delegation event model, Events, Event classes, Event Listener Interfaces, Using the Delegation event model, Adapter classes, Inner classes	12	5	
JUNE	Unit II : Swing	JFileChooser, JComboBox, JFileChooser, JInternalFrame, JLabel, JMenuBar, JOptionPane, JLayeredPane, JDesktopPane, JPanel, JPopupMenu, JProgressBar, JRootPane, JScrollBar, JScrollPane, JSeparator, JSlider, JSplitPane, JTabbedPane, JTable, JTableHeader, JToolBar, JToolTip, JTree, JViewPort, JEditorPane, JTextPane, JTextArea, JTextField, JPasswordField, JButton, JMenuItem, JCheckBox-MenuItem, JRadioButton-MenuItem JCheckBox, JRadioButton, JMenu.	10	4	



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TEACHING PLAN 2017-2018**

SEMESTER:	V	SUBJECT: Advanced JAVA	COURSE:	IT	REVIEWED BY
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	PLANNED	NO. OF LECTURES TAKEN	REMARKS
JULY	Unit - III : Introduction to servlets	Need for dynamic content, Java servlet technology, why servlets?	10	6	
		Servlet API and Lifecycle:			
		servlet API, servletConfig interface.			
		ServletRequest and ServletResponse Interfaces, GenericServlet Class.			
		ServletInputStream And ServletOutputStream Classes, RequestDispatcher Interface,			
		HttpServlet Class,			
		HttpServletRequest and HttpServletResponse Interfaces,			
		HttpSession Interface,			
		Servlet Lifecycle.			
		Working with servlets: organization of a web application, creating a web application(using netbeans), creating a servlet, compiling and building the web application			
JULY	Unit - IV : JDBC	Design of JDBC,	5	3	
		JDBC configuration, Executing SQL statement, Query Execution,			
		Scrollable and updatable result sets, row sets, metadata, Transaction.			



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TEACHING PLAN 2017-2018

SEMESTER:	V	SUBJECT: Advanced JAVA	COURSE:	IT	
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	REMARKS
SEPTEMBER	Unit - VI HIBERNATE	Introduction,	10	6	
		Writing the application,			
		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 and mapping file,			
		adding a mapping resource, creating JSPs.			
		Introduction,			
Unit - VI STRUTS	Struts framework core components, installing and setting up struts, getting started with struts.	10	6		
TOTAL			60	43	

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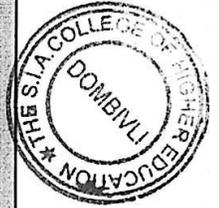
TEACHING PLAN 2017-18

SEMESTER: III
NAME OF TEACHER:

SUBJECT: Advanced JAVA
Sandhya Thakkar

COURSE: Information Technology
CLASS: T.Y. Bsc I.T.

MONTH	TOPIC	SUB-TOPIC	O.OF LECTURES		REMARKS REVIEWED BY
			PLANNED	TAKEN	
June	Practical 1	Write a java program to present a set of choices for a user to select Stationary products and display the price of Product after Selection from the list.	3	3	[Signature]
	Practical 2	Write a java program to demonstrate typical Editable Table, describing employee details for a software company.	3	3	
	Practical 3	Write a java program using Split pane to demonstrate a screen divided in two parts, one part contains the names of Planets and another Displays the image of planet. When user selects the planet name form Left screen, appropriate image of planet displayed in right screen.	3	3	
July	Practical 4	Develop Simple Servlet Question Answer Application to demonstrate use of HttpServletRequest and HttpServletResponse interfaces.	3	3	[Signature]
	Practical 5	Develop Servlet Application of Basic Calculator (+, -, *, /, %) using ServletInputStream and ServletOutputStream..	3	3	
August	Practical 6	Develop a JSP Application to accept Registration Details form user and Store it into the database table.	PTO		



August	Practical 7	Develop a JSP Application to Authenticate User Login as per the registration details. If login success the forward user to Index Page otherwise show login failure Message.	3	3			
September	Practical 8	Develop a web application to add items in the inventory using JSF.	3	3			
	Practical 9	Develop a Room Reservation System Application Using Enterprise Java Beans.	3	3			2018
September	Practical 10	Develop a Hibernate application to store Feedback of Website Visitor in MySQL Database.	3	3			
	Practical 11	Develop a simple Struts Application to Demonstrate 3 page Website of Teaching Classes which	3	3			
	Practical 12	Develop a simple Struts Application to Demonstrate E-mail Validator.	3	3			

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TEACHING PLAN 2017-18

SEMESTER:	V	SUBJECT: Asp.net with C#	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		
June	Unit I	Review of .NET frameworks, Introduction to C#, Variables and expressions, flow controls, functions, debugging and error handling, OOPs with C#, Defining classes and class members.	10	8		
June/July	Unit II	Assembly, Components of Assembly, Private and Shared Assembly, Garbage Collector, JIT compiler. Namespaces Collections, Delegates and Events. Introduction to ASP.NET 4: Microsoft.NET framework, ASP.NET lifecycle. CSS: Need of CSS, Introduction to CSS, Working with CSS with visual developer.	10	8		
July/August	Unit III	ASP.NET server controls: Introduction, How to work with button controls, Textboxes, Labels, checkboxes and radio buttons, list controls and other web server controls, web.config and global.asax files. Programming ASP.NET web pages: Introduction, data types and variables, statements, organizing code, object oriented basics.	10	8		



August	Unit IV	Validation Control: Introduction, basic validation controls, validation techniques, using advanced validation controls. State Management: Using view state, using session state, using application state, using cookies and URL encoding. Master Pages: Creating master pages, content pages, nesting master pages, accessing master page controls from a content page. Navigation: Introduction to use the site navigation, using site navigation controls.	10	7	
August/September	Unit V	Databases: Introduction, using SQL data sources, GridView Control, DetailsView and FormView Controls, ListView and DataPager controls, Using object datasources. ASP.NET Security: Authentication, Authorization, Impersonation, ASP.NET provider model	10	7	<i>Saini</i>
September	Unit VI	LINQ: Operators, implementations, LINQ to objects, XML, ADO.NET, Query Syntax. ASP.NET Ajax: Introducing AJAX, Working of AJAX, Using ASP.NET AJAX server controls. JQuery: Introduction to JQuery, JQuery UI Library, Working of JQuery	10	7	

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TEACHING PLAN 2017-18

SEMESTER:	III	SUBJECT: NETWORK SECURITY	COURSE:	IT
NAME OF TEACHER:	MRS. S. SAI SREE		CLASS:	TYIT

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	NO. OF LECTURES TAKEN	REMARKS	REVIEWED BY
JUNE	COMPUTER SECURITY	Introduction, Need for security, Principles of security, types of attacks	4	4		
	CRYPTOGRAPHY	Plain text and Cipher Text, Substitution techniques, Caesar Cipher, Mono-alphabetic Cipher, Polygram, Polyalphabetic Substitution, Playfair, Hill Cipher, Transposition techniques, Encryption and Decryption, Symmetric and Asymmetric Key Cryptography, Steganography, Key Range and Key Size, Possible Types of Attacks	8	8		
		SYMMETRIC KEY ALGORITHMS AND AES	Algorithms types and modes, Overview of Symmetric key Cryptography, Data Encryption Standard (DES)	5	5	
JULY	SYMMETRIC KEY ALGORITHMS AND AES	International Data Encryption Algorithm (IDEA), RC4, RC5, Blowfish, Advanced Encryption Standard (AES)	6	5		
	ASYMMETRIC KEY ALGORITHMS, DIGITAL SIGNATURES AND RSA	Brief history of Asymmetric Key Cryptography Overview of Asymmetric Key Cryptography, RSA algorithm, Symmetric and Asymmetric key cryptography together, Digital Signatures, Knapsack Algorithm, Some other algorithms	6	5		



	DIGITAL CERTIFICATES AND PUBLIC KEY INFRASTRUCTURE (PKI)	Digital Certificates	4	5	
AUGUST	DIGITAL CERTIFICATES AND PUBLIC KEY INFRASTRUCTURE (PKI)	Private Key Management, The PKIX Model Public Key Cryptography Standards (PKCS) XML, PKI and Security, Hash functions, Key Distribution, Blom's Scheme, Diffie-Hellman Key Exchange, The Station-to-station Protocol	4	4	
	NETWORK SECURITY FIREWALLS AND VIRTUAL PRIVATE NETWORKS	Brief Introduction to TCP/IP, Firewalls, IP Security, Virtual Private Networks (VPN), Intrusion	4	4	
SEPTEMBER	INTERNET SECURITY PROTOCOLS	Basic concepts, Secure Socket Layer (SSL), Transport Layer Security (TLS), Secure Hyper Text Transfer Protocol (SHTTP), Time Stamping Protocol (TSP), Secure Electronic Transaction (SET), SSL vs SET, 3-D Secure Protocol, Electronic Money, E-mail Security, Wireless Application Protocol (WAP) Security, Security in GSM, Security in 3G	7	7	Soni
SEPTEMBER	USER AUTHENTICATION AND KERBEROS	Authentication basics, Passwords, Authentication Tokens, Certificate-based Authentication, Biometric Authentication, Kerberos, Key Distribution Center (KDC) Security Handshake Pitfalls, Single Sign On (SSO) Approaches	7	7	



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TEACHING PLAN 2017-18**

SEMESTER:	V	SUBJECT: SOFTWARE TESTING	COURSE:	USIT5P3
NAME OF TEACHER:	MRS. VANDANA SANDEEP JADHAV		CLASS:	T.Y.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
Jul-17	PRACT 1 Make a strategic plan for your company, taking into account the following issues:	<ul style="list-style-type: none"> • What is the testing process that will be followed in the company? • What is the focus of the testing services? • What kind of people are you going to hire as staff for the company? • How are you going to validate that a testing project carried out in the company has been beneficial to the customer? • What kind of automated tools will the company use? 	1	1		SOM
Jul-17	PRACT 2	<ul style="list-style-type: none"> • The program reads an arbitrary number of temperatures (as integer numbers) within the range - 60°C ... +60°C and prints their mean value. Design test cases for testing the program with the black-box strategy. 	1	1		



<p>Jul-17</p>	<p>PRACT 3</p>	<p>When getting a person's weight and height as input, the program prints the person's body weight index. The weight is given in kilograms (as a real number, for instance: 82,0) and the height in meters (as a real number, for instance: 1,86). The body weight index equals weight / (height * height). Design test cases for testing the program with the black-box strategy</p>				<p>80%</p>
<p>Jul-17</p>	<p>PRACT 4</p>	<p>Let us study the following program: x=0; read(y); while (y > 100) { x=x+y; read(y); } if (y < 200) print(x) else print(y); a) Construct a control-flow graph for the program. b) Design test cases for reaching complete branch coverage over the program. Use as few test cases as possible</p>	<p>1</p>	<p>1</p>		





Aug-17	PRACT 5	<p>Design test cases for the following program with the "simple loop" strategy: <code>x=0; read(y); while ((y > 100) && (x < 10)) { x=x+1; read(y); } print(y);</code></p> <p>a) Construct a data-flow graph for the program with respect to variable x. b) Which execution paths have to be traversed during testing, in order to reach complete all definitions coverage with respect to variable x? c) Minimize the number of paths and tests. d) Which execution paths have to be traversed during testing, in order to reach complete all uses coverage with respect to variable x? e) Design test cases for reaching the (minimal) complete all-uses coverage with respect to variable x.</p>	1	1				
	PRACT 6							
	MANUAL TESTING for the project	Walkthrough b) Whitebox Testing c) Blackbox Testing d) Unit Testing e) Integration Testing						
	PRACT 7		1	1				
Aug-17	Functional Testing	Boundary value Testing b) Equivalence class testing c) Decision Table based testing d) Cause-effect graphs	1	1				
Sep-17	PRACT 8	Regression Testing using automated testing for website.	1	1				

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Sep-17	PRACT 9	 AUTOMATED TESTING for websites a) Load Testing b) Performance Testing	1	1		
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TEACHING PLAN 2016-17

SEMESTER:	V	SUBJECT: ASP.NET With C#(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		
June	Practical 1	Simple Programs with C#, Write programs using conditional statements and loops	6	6		
July	Practical 2	Program using classes, Program with different features of C#: Function Overloading, Inheritance (all types), Constructor overloading, Interfaces, Using Delegates and events, Exception handling	6	6		
July/August	Practical 3,4,5	Programs using different controls, Programs using CSS, Programs using ASP.NET Server controls.	6	6		
August	Practical 6,7	Database programs with ASP.NET and ADO.NET, Programs using Language Integrated query.	3	3		
September	Practical 8,9	Programs securing web pages, Implement the exercise on AJAX.	3	3		
September	Practical 10	Implement the exercise on JQuery.	3	3		



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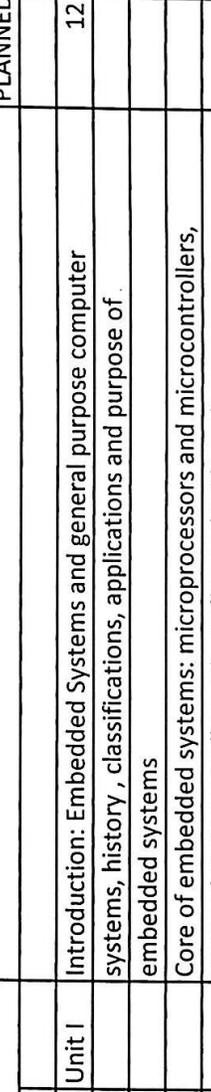
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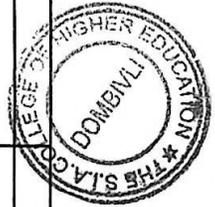
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TEACHING PLAN 2017-18

SEMESTER:	SUBJECT: Embedded System	COURSE:	B.Sc.I.T.
NAME OF TEACHER:	Mrs. Tejaswini Shivsharan	CLASS:	S.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
NOV	Unit I	Introduction: Embedded Systems and general purpose computer systems, 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, PCB and passive components.	12	12	Completed	
DEC	Unit-II	Characteristics and quality attributes of embedded systems: characteristics, operational and non-operational quality attributes, application specific embedded system – washing machine, domain specific - automotive.	12	15	Completed	
JAN	Unit-III	Programming embedded systems: structure of embedded program, infinite loop, compiling, linking and locating, downloading and debugging 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	12	18	Completed	
FEB	Unit-IV	Peripherals: Control and Status Registers, Device Driver, Timer Driver- Watchdog Timers, Embedded Operating System, Real-Time Characteristics, Selection Process	12	17	Completed	
MARCH	Unit-V	Design and Development: embedded system development				



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TEACHING PLAN 2017-18

SEMESTER: V	SUBJECT: Linux Administration	COURSE: B.Sc.I.T.
NAME OF TEACHER: Mrs. Tejaswini Shivsharan		CLASS: T.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
Jun		Installation of Red HAT/Fedora Linux operating system.	10	09	Completed	Sams
		a. Partitioning drives				
		b. Configuring boot loader (GRUB/LILO)				
		c. Network configuration				
		d. Setting time zones				
		e. Creating password and user accounts				
		f. Shutting down				
Jun		2. Software selection and installation	10	09	Completed	
Jun		3. Linux system administration	10	09	Completed	
		a. Becoming super user				
		b. Temporarily changing user identity with su command				
		c. Using graphical administrative tools				
		d. Administrative commands				
		e. Administrative configuration files				
July		4. Connecting to the internet and configuring samba	10	09	Completed	
		a. Setting up linux as a proxy server				
		b. Configuring mozilla or firefox to use as a proxy				
		c. Setting Up Samba Server				
		5. Setting up local area network				
		a. LAN topologies				
August		b. LAN equipment	10	09	Completed	
		c. Networking with TCP/IP				
		d. Configuring TCP/IP				



	e. Adding windows computer's to user LAN f. IP address classes			
August	6. Server setup and configuration a. Setting up NFS file server b. The Apache web server c. Setting up FTP server			
September	Understanding COMPUTER SECURITY: Firewall and security configurations a. LINUX security checklist b. Securing linux with IP table firewalls c. Configuring an IP table firewall d. Securing Linux features	10	09	complete <i>Sait</i>
September	8. Using gcc compiler (Programming using C++).	01	10	09/01 complete
September	9. Using javac compiler (Implementing Socket programs).	01	10	09/01 11
September	10. Setting up hardware devices including sound card and printers and others (USB devices etc).	01	10	09/01 11-

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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI (E)

TEACHING PLAN 2017-18

SEMESTER:	V	SUBJECT: Linux Administration	COURSE:	B.Sc.I.T.
NAME OF TEACHER:	Mrs. Tejaswini Shivsharan		CLASS:	T.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
Jun	Unit I	Introduction to UNIX, Linux, GNU and Linux distributions Duties of the System Administrator, The Linux System Administrator, Installing and Configuring Servers, Installing and Configuring Application Software, The File System: Understanding the File System Structure, Working with Linux Supported File Systems, Memory and Virtual File Systems, Linux Disk Management, Network Configuration Files System Configuration Files: System wide Shell Configuration Scripts, System Environmental Settings, Network Configuration Files, Managing the init Scripts, Configuration Tool, Editing Your Network Configuration TCP/IP Networking: Understanding Network Classes, Setting Up a Network	10	09	completed	
	Unit-II	Interface Card (NIC), Understanding Subnetting, Working with Gateways and Routers, Configuring Dynamic Host Configuration Protocol, Configuring the Network Using the Network, The Network File System Connecting to Microsoft Networks: Installing Samba, Configuring the Samba Server, Creating Samba Users 3, Starting the Samba Server, Connecting to a Samba	10	10	Complete	
Jun	Unit-III					



July	Unit-IV	Client, Connecting from a Windows PC to the Samba Server Additional Network Services Internet Services: Secure Services, SSH, scp, sftp Less Secure Services (Telnet), FTP, sync, rsh, rlogin, finger, talk and ntalk, Linux Machine as a Server, Configuring the xinetd Server, Comparing xinetd and Standalone, Configuring Linux Firewall Packages, Domain Name System	10	Completed	}
August	Unit-V	Configuring Mail Services: Tracing the Email Delivery Process, Mail User Agent (MUA), Introducing SMTP, Configuring Sendmail, Using the Postfix Mail Server, Serving Email with POP3 and IMAP, Maintaining Email Security Configuring FTP Services: Introducing vsftpd, Configuring vsftpd, Advanced FTP Server Configuration, Using SFTP	10	Completed	


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TEACHING PLAN 2017-18

SEMESTER:	IV	SUBJECT: SOFTWARE ENGINEERING	COURSE:
NAME OF TEACHER:	MRS. VANDANA SANDEEP JADHAV		CLASS:
			USIT4P4 S.Y.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		METHODOLOGY	REVIEWED BY
			PLANNED	TAKEN		
Jan-18	PRACT 1	Study and implementation of class diagrams.	4	4	PPT PRESENTATION	Soni
	PRACT 2	Diagrams.				
	PRACT 3	Study and implementation of Entity Relationship Diagrams.				
	PRACT 4	Study and implementation of Sequence Diagrams.				
	PRACT 5	Diagrams.				
Feb-18	PRACT 6	Study and implementation of Data Flow Diagrams				
	PRACT 7	Study and implementation of Collaboration				
	PRACT 8	Study and implementation of Activity Diagrams.				
	PRACT 9	Study and implementation of Component Diagrams.				
Mar-18	PRACT 10	Study and implementation of Deployment Diagrams.	2	2		

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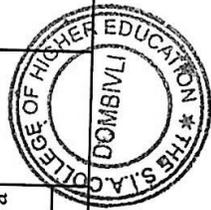
SEMESTER:	VI	SUBJECT: Data warehousing	COURSE:	IT	REVIEWED BY
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	NO. OF LECTURES TAKEN	Methodology
December	Unit - I :	Introduction to Data Warehousing: Introduction, Necessity, Framework of the datawarehouse, options, developing datawarehouses, end points.			Presentation, Use of case studies
		Data Warehousing Design Consideration and Dimensional Modeling: Defining Dimensional Model, Granularity of Facts, Additivity of Facts, Functional dependency of the Data, Helper Tables Implementation manyto-many relationships between fact and dimensional modelling.	10	06	
January	Unit II :	An Introduction to Oracle Warehouse Builder: Installation of the database and OWB, About hardware and operating systems, Installing Oracle database software, Configuring the listener, Creating the database, Installing the OWB standalone software, workspaces. Defining and Importing Source Data Structures: source metadata, Creating a project, Creating a module, Creating an Oracle Database module, Creating a SQL Server database module, Importing source metadata from a database, Defining source metadata manually with the Data Object Editor, Importing source metadata from files.			Presentation, Lab excercises
			10	10	



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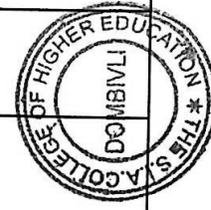
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TEACHING PLAN 2017-2018**

SEMESTER:	VI	SUBJECT: Data warehousing	COURSE:	IT	REVIEWED BY
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH		SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	Methodology
February	Unit - III :	Designing the Target Structure:	10	10/11	Presentation, Lab excercises
		Data warehouse design, Dimensional design, Cube and dimensions, Implementation of a dimensional model in a database, Relational implementation (star schema), Multidimensional implementation (OLAP),			
		Designing the ACME data warehouse, Identifying the dimensions,			
		Designing the cube, Data warehouse design in OWB, Creating a target user and module,			
		Create a target user, Create a target module, OWB design objects.			
		Creating the Target Structure in OWB:			
		Creating dimensions in OWB, The Time dimension, Creating a Time dimension with the Time Dimension Wizard, The Product dimension, Product Attributes (attribute type), Product Levels,			
		Product Hierarchy (highest to lowest), Creating the Product dimension with the New Dimension Wizard,			
		The Store dimension, Store Attributes (attribute type), data type and size, and (Identifier), Store Levels, Store Hierarchy (highest to lowest),			
		Creating the Store dimension with the New Dimension Wizard, Creating a cube in OWB,			
Creating a cube with the wizard, Using the Data Object Editor					



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SEMESTER:	VI	SUBJECT: Data warehousing	COURSE:	IT	REVIEWED BY
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	LECTURES TAKEN	METHODOLOGY
February	Unit - IV :	Extract, Transform, and Load Basics:	10	09	Presentation, Lab excercises
		ETL, Manual ETL processes, Staging, To stage or not to stage, Configuration of a staging area, Mappings and operators in OWB, The canvas layout, OWB operators, Source and target operators, Data flow operators, Pre/post-processing operators.			
March	Unit - V:	Designing and building an ETL mapping:	PTO..		Presentation, Lab excercises
		Designing our staging area, Designing the staging area contents, Building the staging area table with the Data Object Editor, Designing our mapping, Review of the Mapping Editor, Creating a mapping.			
		ETL: Transformations and Other Operators:			
		STORE mapping, Adding source and target operators, Adding Transformation Operators, Using a Key Lookup operator, Creating an external table,			
		Creating and loading a lookup table, Retrieving the key to use for a Lookup Operator, Adding a Key Lookup operator, PRODUCT mapping, SALES cube mapping,			
		Dimension attributes in the cube, Measures and other attributes in the cube, Mapping values to cube attributes, Mapping measures' values to a cube,			
		Mapping PRODUCT and STORE dimension values to the cube,			
		Mapping DATE_DIM values to the cube, Features and benefits of OWB.			



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TEACHING PLAN 2017-2018**

SEMESTER:	VI	SUBJECT: Data warehousing	COURSE:	IT	REVIEWED BY
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	LECTURES TAKEN	Methodology
MARCH		Validating, Generating, Deploying, and Executing Objects:	10	-	Presentation, Lab excercises
		Validating, Validating in the Design Center, Validating from the editors, Validating in the Data Object Editor, Validating in the Mapping, Editor, Generating, Generating in the Design Center, Generating from the editors, Generating in the Data Object Editor, Generating in the Mapping Editor, Deploying, The Control Center Service, Deploying in the Design Center and Data Object Editor, The Control Center Manager, The Control Center Manager overview, Deploying in the Control Center, Manager, Executing, Deploying and executing remaining objects, Deployment Order, Execution order.			
MARCH	Unit - VI	Extra Features:	PTO...	W	Presentation, Use of case studies
		Additional editing features, Metadata change management, Recycle Bin, Cut, copy, and paste, Snapshots, Metadata Loader (MDL), exports and imports, Synchronizing objects, Changes to tables, Changes to dimensional objects and auto-binding, Warehouse Builder online resources			



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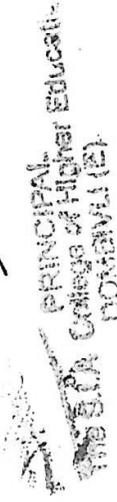
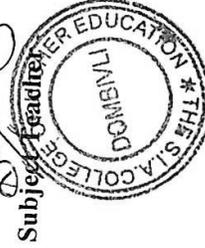
SEMESTER:	VI	SUBJECT: Data warehousing	COURSE:	IT	
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	METHODOLOGY
MARCH	Unit - VI	Data warehousing and OLAP:	10	12	Presentation, Use of case studies
		Defining OLAP, The Value of Multidimensional data, OLAP terminologies, Multidimensional architectures, Multidimensional views of relational data, Physical Multidimensional databases, Data Explosion, Integrated relational OLAP, Data sparsity and data explosion.			
TOTAL			60		

Sandhya

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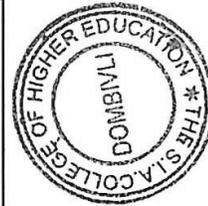
TEACHING PLAN 2017-2018

Term / Semester :	VI	Course	IT
Name of the Teacher :	Sandhya Thakkar		
Subject :	Data warehousing (Practicals)		
		Class	TYIT

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JAN	Prac 1,2,3,4	1. Importing the source data structures in Oracle. 2. Design the target data structure using Oracle 3. Create the target structure in OWB (Oracle Web Builder) 4. Designed and build the ETL mapping	4	5		
FEB	Prac 5,6,7,8	5. Perform the ETL process and transform it to data marts. 6. Create the cube and process it in OWB. 7. Generate the different types of reports in using Oracle. 8. Perform the deployment of Warehouse	4	6		
MARCH	Prac 9,10	9. Create the Pivot table and Pivot chart using some existing data or create the new data. 10. Import the cube in access and create Pivot table and chart	4	5		

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TEACHING PLAN 2017-2018

Term / Semester : VI	Course	IT
Name of the Teacher : MRS.S.SAI SREE	Class	TYIT
Subject : INTERNET TECHNOLOGY		

Month	Topic	Sub-Topic	No. of Lectures		METHODology	Reviewed By
			Planned	Taken		
DEC	Introduction	OSI Model, TCP/IP Protocol Suite	8	9	PPT	}
		IPV 4 Addresses and Protocol				
		IPV6 Addresses and Protocol				
JAN	N/W Layer Protocols	Address Resolution Protocol (ARP),	10	8	PPT	}
		Internet Control Message Protocol (ICMPv4),				
		Mobile IP, Unicast Routing Protocols (RIP, OSPF and BGP)				
FEB	Transport Layer Protocols	User Datagram Protocol (UDP)	10	10	PPT	Sai
		Transmission Control Protocol (TCP)				
		Stream Control Transmission Protocol (SCTP)				
MARCH	Host Configuration	DHCP, Domain Name System (DNS)	10	9	PPT	}
		TELNET and SSH, File Transfer:				
		FTP and TFTP ; World Wide Web and HTTP				
		SMTP, POP, IMAP and MIME, Multimedia	10	8	PPT	




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TEACHING PLAN 2017-2018

Term / Semester : VI	Course IT
Name of the Teacher : MRS.S.SAI SREE	
Subject : INTERNET TECHNOLOGY (Practicals)	Class TYIT

Month	Topic	Sub-Topic	No. of Lectures		METHOD OLD BY	Reviewed By
			Planned	Taken		
JAN	Prac 1,2,3	IPv4 Addressing and Subnetting Use of ping and tracert / traceroute and arp utilities Configure IP static routing.	4	4	VIDEO	}
FEB	Prac 4,5,6,7	Configure IP routing using RIP. Configuring OSPF Configuring UDP and TCP Run different STCP commands	4	4	VIDEO	
MARCH	Prac 8,9,10	Configure DHCP and DNS. Configure FTP and HTTP. Run Telnet and SSH Configure SMTP, POP3, IMAP and MIME.	4	4	VIDEO	

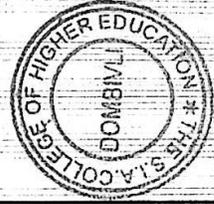
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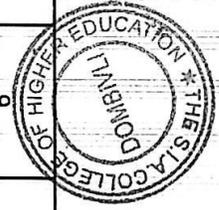
SEMESTER: VI	SUBJECT: PROJECT MANAGEMENT	COURSE: USIT602
NAME OF TEACHER: MRS. VANDANA SANDEEP JADHAV	CLASS: T.Y.I.T.	

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		METHODOLOGY	REVIEWED BY
			PLANNED	TAKEN		
Dec-17	UNIT I Conventional Software Management: Evolution of Software Economics	The waterfall model, conventional software Management performance.	10	8		
		Software Economics, pragmatic software cost estimation.				
		Reducing Software product size, improving software processes, improving team effectiveness, improving automation, Achieving required quality, peer inspections.				
Jan-18	Improving Software Economics UNIT II	The principles of conventional software Engineering, principles of modern software management, transitioning to an iterative process.	8	8		SOM
		Engineering and production stages, inception, Elaboration, construction, transition phases. Artifacts of the process: The artifact sets, Management artifacts, Engineering artifacts, programmatic artifacts. A Management perspective and technical perspective.				
Jan-18	The old way and the new: Life cycle phases Model based software architectures		8	8		

UNIT III						
Work Flows of the process:	Software process workflows, Iteration workflows					
Checkpoints of the process:	Major mile stones, Minor Milestones, Periodic status assessments.	7	7			
Iterative Process Planning	Work breakdown structures, planning guidelines, cost and schedule estimating, Iteration planning process, Pragmatic planning.					
UNIT IV						
Project Organizations and Responsibilities:	Line-of-Business Organizations, Project Organizations, evolution of Organizations.	8	7			
Process Automation	Automation Building blocks, The Project Environment.					
UNIT V						
Project Control and Process instrumentation	The seven core Metrics, Management indicators, quality indicators, life cycle expectations, pragmatic Software Metrics, Metrics automation	8	7			
Tailoring the Process:	Process discriminants					
UNIT VI						
Future Software Project Management:	Modern Project Profiles, Next generation Software economics, modern process transitions.	8	6			

FACULTY *Shadhar*

CO-ORDINATOR *Govind*



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TEACHING PLAN 2017-18

TERM/SEMESTER : VI

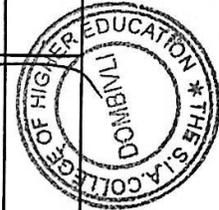
NAME OF THE TEACHER : Sandhya Pandey

SUBJECT: GIS.

COURSE: BSc(I.T.)

CLASS: T.Y.I.T

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURES		Methodology	REMARKS	REVIEWED BY
				PLANNED	TAKEN			
December / January	1	Spatial Data Concepts	Introduction to GIS, Geographically referenced data, Geographic, projected and planer coordinate systems, Map projections, Plane coordinate systems, Vector data model, Raster data model	10	07	PDF/PPT/ Ebook		
January	2	Data Input and Geometric transformation	Existing GIS data, Metadata, Conversion of existing data, Creating new data, Geometric transformation, RMS error and its interpretation,	10	07	PDF/PPT/ Ebook		
January/ February	3	Attribute data input and data display	Attribute data in GIS, Relational model, Data entry, Manipulation of fields and attribute data, cartographic symbolization, types of maps, typography, map design, map production	10	07	PDF/PPT/ Ebook		Som
February	4	Data exploration	Exploration, attribute data query, spatial data query, raster data query, geographic visualization	10	06	PDF/PPT/ Ebook		
March	5	Vector data analysis	Introduction, buffering, map overlay, Distance measurement and map manipulation	10	06	PDF/PPT/ Ebook		
March	6	Spatial Interpolation:	Elements, Global methods, local methods, Kriging, Comparisons of different methods	10	06	PDF/PPT/ Ebook		



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TEACHING PLAN 2016-17

SEMESTER:	II	SUBJECT: GIS (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		
January	Practical 1	Implement data in import and generation coordinate system basics.	3	3		
January	Practical 2,3	Generate data (points, line, polygons) and topology.	6	6		
February	Practical 4	Implement 3D layers (DEM, Contours, TIN, 3D models)	3	3		Sandhya
February	Practical 5,6	Querying GIS data, Distance and decisions analysis	6	6		
March	Practical 7	3D visualizations	3	3		
March	Practical 8	Cartography	3	3		

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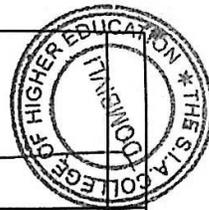
TEACHING PLAN 2017-2018

 Term / Semester : I Course IT

 Name of the Teacher : Pushbam Shivkumar

 Subject : Communication skill Class FYIT

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			planned	Taken		
July	The Seven Cs of Effective Communication: Understanding Business Communication:	The Seven Cs of Effective Communication: Completeness, Conciseness, Consideration, Concreteness, Clarity, Courtesy, Correctness Understanding Business Communication: Nature and Scope of Communication, Non-verbal Communication, Cross-cultural communication, Technology-enabled Business Communication	12	14		
August	Writing Business Messages and Documents: Developing Oral Communication Skills for Business:	Writing Business Messages and Documents: Business writing, Business Correspondence, Instructions Business Reports and Proposals, Career building and Resume writing. Developing Oral Communication Skills for Business: Effective Listening, Business Presentations and Public Speaking, Conversations, Interviews	12	12		
September	Developing Oral Communication Skills for Business: Understanding Specific Communication Needs:	Developing Oral Communication Skills for Business: Meetings and Conferences, Group Discussions and Team Presentations, Team Briefing, Understanding Specific Communication Needs: Communication across Functional Areas	10	11		



<p>Understanding Specific Communication Needs:</p>	<p>Understanding Specific Communication Needs: Corporate Communication, Persuasive Strategies in Business Communication, Ethics in Business Communication, Business Communication Aids</p>	<p>10</p>	<p>11</p>	<p>12</p>	<p>7</p>
<p>October</p>	<p>Presentation Process:</p>	<p>Presentation Process: Planning the presentations, executing the presentations, impressing the audience by performing, Planning stage: Brainstorming, mind maps / concept maps, executing stage: chunking theory, creating outlines, Use of templates. Adding graphics to your presentation: Visual communication, Impress stage: use of font, colour, layout, Importance of practice and performance.</p>			



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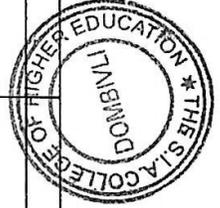
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TEACHING PLAN 2017-18

SEMESTER: I	SUBJECT: Digital Electronics	COURSE: B.Sc.I.T.
NAME OF TEACHER: Mrs. Tejaswini Shivsharan		CLASS: F.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	REMARKS	REVIEWED BY
Jun	Unit I	Number System: Analog System, digital system, numbering system, binary number system, octal number system, hexadecimal number system, conversion codes non-weighted codes Excess - 3 code, Gray code, Alphanumeric codes - ASCII Code, EBCDIC, ISCII Code, Binary addition, Binary subtraction, Negative number representation, Subtraction using 1's complement and 2's complement, Binary Boolean Algebra and Logic Gates:	10	Completed	Sanyal
Jun	Unit-II	Introduction, Logic (AND OR NOT), Boolean theorems, Boolean Laws, De Morgan's Theorem, exclusive OR and Exclusive NOR gates, Universal Logic gates, Implementation of other gates using universal gates	10	Completed	
July	Unit-III	Minterm, Maxterm and Karnaugh Maps: Combinational Logic Circuits: Introduction, Multi-input, multi-output Combinational circuits, Code converters design and implementations	10	Completed	
August	Unit-IV	Arithmetic Circuits: Introduction, Adder, BCD Adder, Excess - 3 Adder, Binary Subtractors, BCD Subtractor, Multiplier, Comparator. Multiplexer, Demultiplexer, ALU, Encoder and Decoder: Introduction, Multiplexer, Demultiplexer, Decoder, ALU, Encoders. Sequential Circuits: Flip-Flop:	10	Completed	



		Introduction, Terminologies used, S-R flip-flop, D flip-flop, JK flip-flop, Race-around condition, Master - slave JK flip-flop, T flip-flop, Counters:			
September	Unit-V	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.	10	12	Completed } Bans
		Shift Register:			
		Introduction, parallel and shift registers, serial shifting, serial-in serial-out, serial-in parallel-out, parallel-in parallel-out, Ring counter,			

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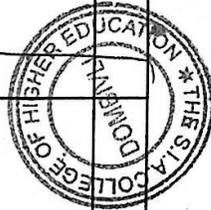
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**THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI
TEACHING PLAN 2017-2018**

Term / Semester : **I** Course **IT**
 Name of the Teacher : **MRS. Vandana S. Jadhav**
 Subject : **Operating System** Class **FYIT**

Month	Topic	Sub-Topic	No. of Lectures		Reviewed By
			Planned	Taken	
JULY	Introduction:	What is an operating system? History of operating system, computer hardware, different operating	5	6	
	Processes and Threads:	Processes, threads, interprocess communication, scheduling, IPC problems.	5	6	
	Memory Management:	No memory abstraction, memory abstraction: address spaces, virtual memory, page replacement algorithms, design issues for paging systems, implementation issues, segmentation.	5	4	
AUGUST	File Systems:	Files, directories, file system implementation, file-system management and optimization, MS-DOS file system, UNIX V7 file system, CD ROM file system.	5	5	Soni
	Input-Output:	Principles of I/O hardware, Principles of I/O software, I/O software layers, disks, clocks, user interfaces:	3	3	
	Input-Output:	keyboard, mouse, monitor, thin clients, power management,	3	3	
SEPTEMBER	Deadlocks:	Resources, introduction to deadlocks, the ostrich algorithm, deadlock detection and recovery, deadlock avoidance, deadlock prevention, issues.	9	9	
	Virtualization and Cloud:	hypervisors, techniques for efficient virtualization, hypervisor microkernels, memory virtualization, I/O virtualization, Virtual appliances, virtual machines on	3	3	
	Multiple Processor Systems	Multiprocessors, multicomputers, distributed systems	2	2	



Case Study on LINUX and ANDROID:	History of Unix and Linux, Linux Overview, Processes in Linux, Memory management in Linux, I/O in Linux, Linux file system, security in Linux. Android History 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.	5	5	
Case Study on Windows:		4	4	Baird

October

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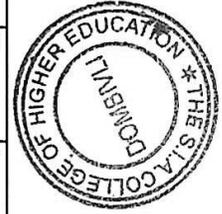
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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E)

TEACHING PLAN 2017-18

SEMESTER:	SUBJECT:	COURSE:	B.Sc.I.T.
NAME OF TEACHER:	Mrs. Nandini Kadam	CLASS:	F.Y.B.Sc.I.T.
MONTH	TOPIC	NO.OF LECTURES	REMARKS
	SUB-TOPIC	PLANNED	TAKEN
July	Unit I 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	4	4
	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.	4	4
	Operators and Expressions: Arithmetic operators, unary operators, relational and logical operators, assignment operators, assignment operators, the conditional operator, library functions.		
july august	Unit II Data Input and output: Single character input and output, entering input data, scanf function, printf function, gets and puts functions, interactive programming.	8	8
August	Unit II 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	8	8
August	Unit III	4	3



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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI (E)

TEACHING PLAN 2017-18

SEMESTER:	SUBJECT:	COURSE:	B.Sc.I.T.		
NAME OF TEACHER:	Mrs. Nandini Kadam	CLASS:	F.Y.B.Sc.I.T.		
MONTH	TOPIC	NO. OF LECTURES PLANNED	NO. OF LECTURES TAKEN	REMARKS	REVIEWED BY
september	Unit III 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: foo1lal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value. Program structure: Storage classes, automatic variables, external variables, static variables, multifile programs, more library functions, Preprocessor: Features, #define and #include, Directives and Macros Arrays: Definition, processing, passing arrays to functions, multidimensional arrays, arrays and strings 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	4	4		
september octo	unit IV	4	6		
october	unit V	8	8		

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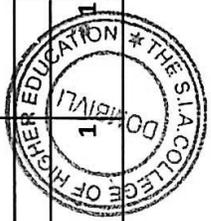
THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E)
TEACHING PLAN 2017-18

SEMESTER:	MRS. VANDANA SANDEEP JADHAV	SUBJECT: OPERATING SYSTEM PRACTICALS	COURSE: USIT1P3
NAME OF TEACHER:		CLASS:	F.Y.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
Jul-17	PRACT 1	Installation of virtual machine software.	1	1		
Aug-17	PRACT 2	Installation of Linux operating system (RedHat / Ubuntu) on virtual machine.	1	1		
Aug-17	PRACT 3	Installation of Windows operating system on virtual machine.	1	1		
	PRACT 4					
Aug-17	Linux commands: Working with Directories	pwd, cd, absolute and relative paths, ls, mkdir, rmdir, file, touch, rm, cp, mv, rename, head, tail, cat, tac, more, less, strings, chmod	1	1		Sadi
	PRACT 5					
Aug-17	Linux commands: Working with files:	ps, top, kill, pkill, bg, fg, grep, locate, find, locate. date, cal, uptime, w, whoami, finger, uname, man, df, du, free, whereis, which. Compression: tar, gzip.	1	1		
	PRACT 6					
	Windows (DOS)	Date, time, prompt, md, cd, rd, path.	1	1		



	Commands -- 1	Chkdsk, copy, xcopy, format, fidsk, cls, defrag, del, move.				
	PRACT 7					
Aug-17	Windows (DOS) Commands -- 2	Diskcomp, diskcopy, diskpart, doskey, echo Edit, fc, find, rename, set, type, ver	1	1	1	
	PRACT 8					
Sep-17	Working with Windows Desktop and utilities	Notepad Wordpad Paint Taskbar Adjusting display resolution Using the browsers Configuring simple networking Creating users and shares	1	1	1	
	PRACT 9					
Sep-17	Working with Linux Desktop and utilities	The vi editor. Graphics Terminal Adjusting display resolution Using the browsers Configuring simple networking Creating users and shares	1	1	1	
Oct-17	PRACT 10	Installing utility software on Linux and Windows				



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TEACHING PLAN 2017-18

SEMESTER:	I	SUBJECT: Imperative Programming (Practical)	COURSE:	B.Sc.I.T.	
				NO. OF LECTURES	REMARKS
NAME OF TEACHER:		SUB-TOPIC	CLASS:	F.Y.B.Sc.I.T.	
MONTH	Practical		PLANNED	TAKEN	REVIEWED BY
August	1	data input and output programs	1	1	[Signature]
August	2	simple programs on calculations	1	1	
August	3	programs using conditional analysis	3	3	
August/ September	4	programs of loops	3	3	
September	5	programs on patterns	4	4	
October	6	programs on functions	3	3	
October	7	programs on recursive functions	1	1	
October	8	programs on arrays	4	3	
October	9	programs on pointers	2	1	
October	10	programs on structure and union	2	1	



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TEACHING PLAN 2017-18

SEMESTER: I	SUBJECT: Digital Electronics	COURSE: B.Sc.I.T.
NAME OF TEACHER: Mrs. Tejaswini Shivsharan		CLASS: F.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
Jun		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	10	09	Completed	[Signature]
July		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. Implement combinational circuits.	10	09	Completed	
July		a. Design and implement combinational circuit based on the problem given and minimizing using K-maps. Implement code converters.				
August		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	10	08	Completed	
August		Implement Arithmetic circuits. a. Design and implement a 2-bit by 2-bit multiplier. b. Design and implement a 2-bit comparator.				



September	Implement Encode and Decoder and Multiplexer and Demultiplexers.	10	Completed
	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		
September	Study of flip-flops and counters.		
	a. Study of IC 7473.		
	b. Study of IC 7474		

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TEACHING PLAN 2017-2018

Term / Semester : III	Course IT	
Name of the Teacher : MRS.S.SAI SREE	Class	SYIT
Subject : PYTHON PROGRAMMING		

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JUNE	Introduction	The Python Programming Language, History, features, Installing Python, Running Python program, Debugging Formal and Natural Languages, The Difference Between Brackets, Braces, and Parentheses	6	6		
	Variables and Expressions	Values and Types, Variables, Variable Names and Keywords, Type conversion, Operators and Operands, Expressions, Interactive Mode and Script Mode, Order of Operations.	6	6		
	Conditional Statements: Looping: Control statements:	if, if-else, nested if-else for, while, nested loops Terminating loops, skipping specific conditions	6	6		
JULY	Functions:	Function Calls, Type Conversion Functions Math Functions, Composition, Adding New Functions, Definitions and Uses Boolean Functions, More Recursion, Leap of Faith, Checking Types	6	6		



AUGUST	Strings	A String Is a Sequence, Traversal with a for Loop, String Slices, Strings Are Immutable	4	4	
	Lists:	mutable, traversing a List, Deleting elements from List, Built-in List functions and methods	4	4	
AUGUST	Tuples and Dictionaries	Tuples, Accessing values in Tuples, Tuple Assignment, Tuples as return values Repetition, in Operator, Iteration, Built-in Tuple Functions Creating a Dictionary, Accessing Values in a dictionary, Updating Dictionary, Deleting Elements from Dictionary, Properties of Dictionary keys, Operations in Dictionary	5	4	
	Regular Expressions	Concept of regular expression, various types of regular expressions, using match function.	2	2	
	Multithreaded Programming	Thread Module, creating a thread, synchronizing threads, multithreaded priority queue	5	4	
	Creating the GUI Form and Adding Widgets:	Widgets: Button, Canvas, Checkbutton, Frame, Label, Listbox, Menubutton, Menu, Message Layout Management: Look and Feel Customization Storing Data in Our MySQL Database via Our GUI:	5	6	
SEPTEMBER					

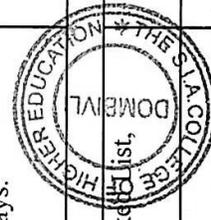


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TEACHING PLAN 2017-2018**

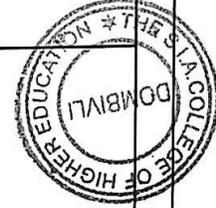
SEMESTER:	V	SUBJECT: Data Structure	COURSE:	IT	
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	SYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	REMARKS REVIEWED BY
JUNE	Unit - I : Introduction:	Data and Information, Data Structure ,	12	15	
		Classification of Data Structures,			
		Primitive Data Types, Abstract Data Types,			
		Data structure vs. File Organization, Operations on Data Structure,			
		Algorithm, Importance of Algorithm Analysis, Complexity of an Algorithm, Asymptotic Analysis and Notations,			
		Big O Notation, Big Omega Notation, Big Theta Notation, Rate of Growth and Big O Notation.			
		Introduction, One Dimensional Array, Memory Representation of One Dimensional Array,			
		Traversing, Insertion, Deletion, Searching, Sorting, Merging of Arrays,			
		Unit - I: Array			
		Multidimensional Arrays, Memory Representation of Two Dimensional Arrays, General Multi-Dimensional Arrays, Sparse Arrays, Sparse Matrix, Memory Representation of Special kind of Matrices, Advantages and Limitations of Arrays.			
JULY	Unit-II: Linked List	Linked List, One-way Linked List, Traversal of Linked List, Searching	PTO...	PTO...	



Sandhya

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TEACHING PLAN 2017-2018**

SEMESTER: NAME OF TEACHER: MONTH	V Sandhya Thakkar TOPIC	SUBJECT: Data Structure SUB-TOPIC	COURSE:		REMARKS	REVIEWED BY
			CLASS: NO. OF LECTURES PLANNED	IT SYIT TAKEN		
JULY	Unit-II: Linked List	Merging Two Linked Lists, Splitting a List into Two Lists, Reversing One way linked List, Circular Linked List	12	18		
		Applications of Circular Linked List, Two way Linked List, Traversing a Two way Linked List, Searching in a Two way linked List, Insertion of an element in Two way Linked List, Deleting a node from Two way Linked List, Header Linked List, Applications of the Linked list, Representation of Polynomials, Storage of Sparse Arrays, Implementing other Data Structures.				
AUGUST	Unit-III: Stack	Introduction, Operations on the Stack Memory Representation of Stack, Array Representation of Stack, Applications of Stack, Evaluation of Arithmetic Expression, Matching Parenthesis, infix and postfix operations, Recursion.	12	15		Soni
		Introduction, Queue, Operations on the Queue, Memory Representation of Queue, Array representation of queue, Linked List Representation of Queue, Circular Queue, Some special kinds of queues, Deque, Priority Queue, Application of Priority Queue, Applications of Queues				



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TEACHING PLAN 2017-2018

SEMESTER:	V	SUBJECT: Data Structure		COURSE:		IT
NAME OF TEACHER:	Sandhya Thakkar	CLASS:		NO. OF LECTURES PLANNED		REMARKS REVIEWED BY
MONTH	TOPIC	PTO...	PTO...	PTO...	PTO...	
SEPTEMBER	Unit-IV: Sorting and Searching Techniques					
		Bubble, Selection, Insertion, Merge Sort. Searching: Sequential, Binary, Indexed Sequential Searches, Binary Search				
SEPTEMBER	Unit-IV: Tree					
		Tree, Binary Tree, Properties of Binary Tree, Memory Representation of Binary Tree, Operations Performed on Binary Tree, Reconstruction of Binary Tree from its Traversals, Huffman Algorithm, Binary Search Tree, Operations on Binary Search Tree, Heap, Memory Representation of Heap, Operation on Heap, Heap Sort.				
SEPTEMBER	Unit-IV: Advanced Tree Structures					
		Red Black Tree, Operations Performed on Red Black Tree, AVL Tree, Operations performed on AVL Tree, 2- 3 Tree, B-Tree.				
SEPTEMBER	Unit-V: Hashing Techniques					
		Hash function, Address calculation techniques, Common hashing functions Collision resolution, Linear probing, Quadratic, Double hashing, Bucket hashing, Deletion and rehashing				



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TEACHING PLAN 2017-2018**

SEMESTER:	V	SUBJECT: Data Structure	COURSE:	IT
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	SYIT
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN
REMARKS REVIEWED BY				
SEPTEMBER	Unit-V: Graph	Introduction, Graph, Graph Terminology, Memory Representation of Graph, Adjacency Matrix Representation of Graph, Adjacency List or Linked Representation of Graph, Operations Performed on Graph, Graph Traversal, Applications of the Graph, Reachability, Shortest Path Problems, Spanning Trees.	12	31
TOTAL			60	79

Sandhya Thakkar

Faculty

Sandhya Thakkar

Convenor

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TEACHING PLAN 2017-18

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

MONTH	TOPIC	SUB-TOPIC	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	12	9		<i>Sandhya</i>
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	12	9		



July/August	Unit III	Constraints, Views and SQL Constraints, types of constraints, 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.	12	9	
August/September	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.	12	9	
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.	12	8	

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TEACHING PLAN 2017-2018

Term / Semester : II	Course IT
Name of the Teacher : Meenakshi P Kulawade	
Subject GREEN COMPUTING	Class
	FYIT

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JAN	Overview and Issues	Toxins, Power Consumption	12	12		
	Initiatives and Stand	WEEE Directive, RoHS, National Adoption				
	Minimizing Power Usage	Monitoring Power Usage, Servers, Low-Cost Options, Reducing Power Use, Data De-Duplication				
FEB	Cooling	Optimizing Airflow, Hot Aisle/Cold Aisle, Supply Air Directly to Heat Sources, Fans	16	10		Sous
	Changing the Way of Work	Analysing the Global Impact of Local Action				
	Going paper less	Paper Problems, The Environment, Costs: Paper and Office, Practicality, Storage, Destruction, Going Paperless, Organizational Realities, Changing Over, Paperless Billing, Handheld Computers vs. the Clipboard, Unified Communications, Intranets, What to Include, Building an Intranet, Microsoft Office SharePoint Server 2007, Electronic Data Interchange (EDI), Nuts and Bolts, Value Added	5	05		



March	Recycling:	Problems, China, Africa, Materials, Means of Disposal, Recycling, Refurbishing, Hard Drive Recycling, Consequences, Hardware Consideration cleaning a Hard Drive, Pros and cons of each method, CDs and DVDs, good and bad about CD and DVDs disposal, Change the mind-set,	10	05	
	Greening Your Information Systems:	Initial Improvement Calculations, Selecting Metrics, Tracking Initial Improvement Calculations, Selecting Metrics, Tracking Progress, Change Business Processes, Customer Interaction, Paper Reduction, Green Supply Chain, Improve Technology Infrastructure	3	03	Bois
	Staying Green:	Organizational Check-ups, Chief Green Officer, Evolution, Sell the CEO, SMART Goals, Equipment Check-ups, Gather Data, Tracking the data, Baseline Data, Benchmarking, Analyse Data, Conduct Audits, Certifications, Benefits,	4	03	

Total ? ?

Michael Bois
Faculty Convenor



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TEACHING PLAN 2017-18

TERM/SEMESTER : II

NAME OF THE TEACHER : Sandhya Pandey

SUBJECT: O.O.P

COURSE: BSc(I.T.)

CLASS: F.Y.I.T

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURES		Methodolog y	REMARKS	REVIEWED BY
				PLANNED	TAKEN			
December / January	1	Object Oriented Methodology, Principles of OOPS	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.OOPS Paradigm, Basic Concepts of OOPS: Objects, Classes, Data Abstraction and Data Encapsulation Inheritance, Polymorphism, Dynamic Binding, Message Passing	12	10	Enotes		
January	2	Classes and Objects, Constructors and Destructors	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, Parameterized Constructor and examples, Destructors	12	10	Enotes		



January/ February	3	Polymorphism, Virtual Functions	<p>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.</p>	12	10	Enotes		
February/ March	4	Program development using Inheritance, Exception Handling	<p>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. Exception Handling: Introduction, Exception Handling Mechanism, Concept of throw & catch with example</p>	12	10	Enotes		2018
March	5	Templates, Working with Files	<p>Templates: Introduction, Function Template and examples, Class Template and examples. Working with Files: Introduction, File Operations, Various File Modes, File Pointer and their Manipulation</p>	12	10	Enotes		



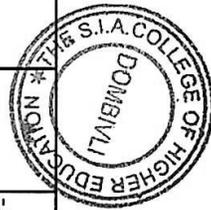
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TEACHING PLAN 2017-18

SEMESTER:	SUBJECT: Microprocessor Architecture	COURSE:	B.Sc.I.T.
NAME OF TEACHER:	Mrs. Tejaswini Shivsharan	CLASS:	F.Y.B.Sc.I.T.

MONTH	0	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
NOV.	Unit I	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.	12	12	Completed	Sai
		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.				
DEC.	Unit-II	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.	12	18	Completed	



		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.			
JAN	Unit-III	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. 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:	12	15	Completed
FEB	Unit-IV	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	12	12	Completed SOM
FEB.	Unit-V		12	10	Completed

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TEACHING PLAN 2016-17

SEMESTER:	II	SUBJECT: OOP (Practical)	COURSE:	Information Technology
NAME OF TEACHER:		Sandhya Pandey	CLASS:	F.Y. Bsc I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
January	Practical 1	Programs with classes and Private member Functions	3	3		
January	Practical 2,3	Programs with classes with friend Functions, Constructor and Constructor overloading	6	6		
February	Practical 4,5	Programs with classes with operator overloading, Inheritance	6	6		gaur
February	Practical 6,7	Programs with method overriding, virtual Functions, Abstract Class, string functions	6	6		
March	Practical 8,9	Programs with Exception Handling, File Handling	3	3		
March	Practical 10	Programs with template classes library	3	3		

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TEACHING PLAN 2017-2018 (PRACTICAL)

Term / Semester : IV Course IT

Name of the Teacher : Sreekala Nair	
Subject : COMPUTER ORIENTED STATISTICAL TECHNIQUES	Class SYIT

Month	Topic	Sub-Topic	No. of Lectures		Reviewed By
			Planned	Taken	
Jan	Introduction to R	Basic syntax, data types, variables, operators, control statements, R-functions, R -Vectors, R -lists, R Arrays	2	2	}
	Statistics in R	mean, median, mode, Normal Distribution , Binomial Distribution, Frequency Distribution in R	1	1	
	Using R execute the basic commands, array, list and frames	basic commands, array, list and frames	1	1	
	Create a Matrix using R and Perform the operations addition, inverse, transpose and multiplication operations.	addition, inverse, transpose and multiplication operations.	1	1	
Feb	Using R Execute the statistical functions: mean, median, mode, quartiles, range, inter quartile range histogram	:mean, median, mode, quartiles, range, inter quartile range histogram	1	1	}
	Using R import the data from Excel / .CSV file and Perform the above functions	Excel / .CSV	1	1	
	Using R import the data from Excel/.CSV file and Calculate the standard deviation, variance, covariance	standard deviation, variance, covariance	1	1	
	Using R import the data from Excel / .CSV file and draw the skewness	the skewness	1	1	



March	Import the data from Excel / .CSV and perform the hypothetical testing	hypothetical testing	1	1	}
	Import the data from Excel / .CSV and perform the Chi-squared Test	Chi-squared Test	1	1	
	Using R perform the binomial and normal distribution on the data	binomial and normal distribution on the data	2	2	
	Perform the Linear Regression using R	Linear Regression	1	1	
	Compute the Least squares means using R	Least squares means	2	2	
	Compute the Linear Least Square Regression	Linear Least Square Regression	1	1	

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THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI

TEACHING PLAN 2017-2018

Term / Semester : V	Course IT
Name of the Teacher : MRS. Vandana S. Jadhav	
Subject : Software Testing	Class TYIT

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JUNE	Fundamentals of testing	Necessity of testing , what is it, Testing principles, Fundamental test process, The psychology of testing	7	7		
	Testing throughout the software life cycle	Software development models, Test levels	5	6		
	Testing throughout the software life cycle	Test types: the targets of testing, Maintenance testing	5	4		
JULY	Static techniques:	Reviews and the test process, Review process, Static analysis by tools	7	6		
	Test design techniques	Identifying test conditions and designing test cases, Categories of test design techniques,	3	3		
AUGUST	Test design techniques	Specification-based or black-box techniques, Structure-based or white-box techniques, Experiencebased techniques	6	6		BDM
	Test management:	Configuration management, Risk and testing, Incident management	2	2		
SEPTEMBER	Tool support for testing	Types of test tool, Effective use of tools: Potential benefits and risks, Introducing a tool into an organization	6	6		

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TEACHING PLAN 2017-2018

Term / Semester : II

Name of the Teacher : Mithili Gaurishankar

Subject : Numerical and Statistical Methods (Practicals)

Course IT

Class FY IT

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
Jan-18	1. Iterative Calculation	a. Program for iterative calculation. b. Program to calculate the roots of a quadratic equation using the formula. c. Program to evaluate e^x using infinite series.	3	1	PPT & chalkboard	}
	2. Solution of algebraic and transcendental equations	a. Program to solve algebraic and transcendental equation by bisection method. b. Program to solve algebraic and transcendental equation by false position method.	3	2	"	
		c. Program to solve algebraic and transcendental equation by Newton Raphson method d. Program to solve algebraic and transcendental equation by Secant method.	3	1	"	
	3. Interpolation	a. Program for Newton's forward interpolation. b. Program for Newton's backward interpolation. c. Program for Lagrange's interpolation.	3	2	"	



4. Solving linear system of equations by iterative methods	a Program for solving linear system of equations using Gauss Jordan method. b. Program for solving linear system of equations using Gauss Seidel method.	3	2	PPT & chalk & board	
5. Numerical Differentiation	a. Programing to obtain derivatives numerically.	3	1	"	
Feb-18	a. Program for numerical integration using Trapezoidal rule.	3	2	"	
	b. Program for numerical integration using Simpson's 1/3rd rule.				
	c. Program for numerical integration using Simpson's 3/8th rule.				
7. Solution of differential equations	a. Program to solve differential equation using Euler's method b. Program to solve differential equation using modified Euler's method. c. Program to solve differential equation using Runge-kutta 2nd order and 4th order	3	2	"	Saini
8. Regression	a. Program for Linear regression.	3	2	"	
9. Random variables and distributions	a. Program to generate random variables. b. Program to fit binomial distribution. c. Program to fit Poisson distribution.	3	2	"	
10. Distributions	a. Program for Uniform distribution.	3	1	"	

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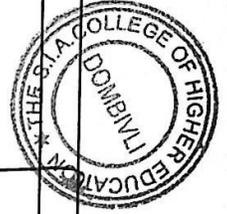
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TEACHING PLAN 2017-2018

Term / Semester : III IT
 Name of the Teacher : Sreekala Nair Course
 Subject : APPLIED MATHEMATICS Class SYIT

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JUNE						
	Unit -1					
	Matrices	Inverse, Rank, Cayley-Hamilton theorem	7	6		
		Reduction of matrix	5	4		
	Complex numbers	Various forms, Circular and Hyperbolic, Logarithms	12	7		
JULY						
	Unit -2					
	Equation of the first order and of the first degree	Various types of equations	7	5		
	Differential equation of the first order of a degree higher than the first	Solvable for x,y andp, Clairute's equation	5	6		
	Linear Differential Equations with Constant Coefficients:	Differential operator, Complimentary Equation and Particular integral	5	6		
AUGUST						
	Unit -3					
	The Laplace Transform	Introduction, properties, Laplace transform of derivatives	4	4		
		Inverse Laplace Transform	4	4		



	Unit-4								
	Multiple Integral	Double Integral	4	4					
SEPTEMBER	Unit-4								
	Multiple Integral	Triple Integral	4	4					
	Unit-5								
	Beta and Gamma Function	Definitions, properties, Duplication formula	5	6					<i>Saini</i>
	Differentiation under Integral Sign		5	5					
OCTOBER									
	Error Function	Error Function	5	5					

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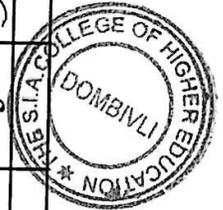


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TEACHING PLAN 2017-2018

Term / Semester : IV	Course	IT
Name of the Teacher : Sreekala Nair	Class	SYIT
Subject : COMPUTER ORIENTED STATISTICAL TECHNIQUES		

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
Dec	Unit -1 The Mean, Median, Mode and Other Measures of Central Tendency					
		Types of Central Tendency, Relation between AM, GM & HM	4	3	PPT, chalk & Board	}
		Quartiles, Deciles, Percentiles	3	3	chalk & Board	
Jan	The Standard Deviation and Other Measures of Dispersion	Types of Dispersion, Charlie's check, Sheppard's correction, Absolute and Relative dispersion	4	5	chalk & Board	
		Standardized variable	2	2	chalk & Board	
		Unit-2 Moments, Skewness and Kurtosis	Computation of Moments, Charlie's check, Sheppard's correction, Computation of Skewness and Kurtosis	3	4	chalk & Board
Elementary Probability Theory	Conditional Probability, Probability distribution		3	4	chalk & Board	
	Mathematical Expectation		2	1	chalk & Board	
	Relation between Population, Sample Mean and Variance, Combinations	3	3	chalk & Board		
Feb		Euler or Venn diagrams and Probability	3	3	PPT	



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	5	5	chalk & Board	}
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	6	6	chalk & Board	
Unit-V					}
Curve Fitting and the Method of Least Squares	Relationship Between Variables, Curve Fitting, Equations of Approximating Curves, Freehand Method of Curve Fitting The Straight Line, The Method of Least Squares, The Least Squares Line, Nonlinear Relationships, The Least-Squares Parabola, Regression, Applications to Time Series, Problems Involving More Than Two Variables	7	7	chalk & Board	



Elementary Sampling Theory	Random samples with and without Replacement	4	3	chalk & Board	
	Sampling distribution of Means and Proportions	3	2	chalk & Board	
	Standard Errors	3	2	chalk & Board	
Unit-III					
Statistical Estimation Theory	Estimation of Parameters, Unbiased Estimates, Efficient Estimates, Point Estimates and Interval Estimates, Their Reliability	5	3	chalk & Board	
	Confidence Interval Estimates of Population Parameters, Probable Error			chalk & Board	
Statistical Decision Theory	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	7	5	chalk & Board	60M
	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	5	4	chalk & Board	
Mar	Unit-IV				



Correlation Theory	Correlation and Regression, Linear Correlation, Measures of Correlation, The Least-Squares Regression Lines, Standard Error of Estimate, Explained and Unexplained Variation, Coefficient of Correlation, Remarks Concerning the Correlation Coefficient, Product Moment Formula for the Linear Correlation Coefficient, Short Computational Formulas, Regression Lines and the Linear Correlation Coefficient, Correlation of Time Series, Correlation of Attributes, Sampling Theory of Correlation	7	9	chalk & Board	Sant

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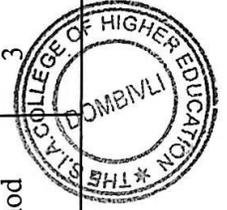


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TEACHING PLAN 2017-2018

Term / Semester : II Course IT
 Name of the Teacher : Mithili Gaurishankar Class FY IT
 Subject : Numerical and Statistical Methods

Month	Topic	Sub-Topic	No. of Lectures		Methodology	Reviewed By
			Planned	Taken		
Dec-17	Unit:1:Mathematical Modeling and Engineering Problem Solving	A simple mathematical Model, Conservation laws and Engineering Problems	4	4	PPT	
		Approximations and Round-Off Errors	4	4	Chalk & Board	
Jan-18	Truncation Errors and the Taylor Series	The Taylor Series, Error Propagation, Total Numerical Errors, Formulation Errors and Data Uncertainty.	4	3	"	
		The Bisection method, The Method of False position	4	3	"	
	Unit:2:Solutions of Algebraic and Transcendental Equations	The Newton-Raphson Method, The Secant Method	2	2	"	
		Forward Difference, Backward Difference,	2	2	"	
	Interpolation	Newton's Forward Difference Interpolation, Newton's Backward Difference Interpolation	2	2	"	
		Lagrange's Interpolation	2	1	"	
	Unit:3:Solution of simultaneous algebraic equations (linear) using iterations methods	Gauss- Jordan Method, Gauss- Seidal method	3	3	"	



Feb-18	Numerical differentiation and Integration	Numerical differentiation, Numerical integration using Trapezoidal rule, Simpson 1/3 rd rule, Simpson 3/8 th rule	3	3	Chalk & board	}
	Numerical solution of 1st and 2nd order differential equations:	Taylor series, Euler's Method	3	3	"	
	Numerical solution of 1st and 2nd order differential equations:	Modified Euler's Method, Runge-Kutta Method for 1st and 2nd order ODE	3	3	"	
	Unit:4: Least-Squares Regression:	Linear Regression, Polynomial Regression, Multiple Linear Regression, General linear Least Squares, Nonlinear Regression	6	5	"	
	Linear Programming	Linear optimization problem, Formulation and Graphical solution, Basic solution and Feasible solution	6	6	PPT	
Mar-18	Unit:5: Random variables	Discrete and Continuous random variables, Probability density function, Probability distribution of random variables, Expected value, Variance.	3	3	Chalk & board	
	Distributions	Discrete distributions: Uniform, Binomial, Poisson, Bernoulli	5	5	"	
		Continuous distributions: uniform distributions, exponential, (derivation of mean and variance only and state other properties and discuss their applications) Normal distribution state all the properties and its applications.	4	4	Chalk & board & PPT	

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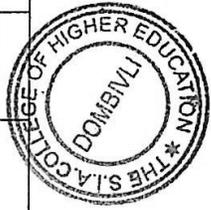


THE SIA COLLEGE OF HIGHER EDUCATION
 DOMBIVILI - East
 TEACHING PLAN 2017-18

COURSE: BSc IT
 CLASS: FY BSc.IT

TERM/SEMESTER : I
 NAME OF THE TEACH Mrs. Mithili Gaurishankar
 SUBJECT: Discrete Mathematics(Practicals)

MONTH	UNIT/ MODULE	TOPIC	SUB-TOPIC	NO OF LECTURERS	TAKEN	REMARKS	REVIEWED BY
Aug-17	1	Set theory	Inclusion-exclusion principle	1	1		Santosh
			Power sets				
			Mathematical Induction				
	2	Functions and Algorithms	Recursively defined functions	2	2		
			Cardinality				
			Polynomial evaluation				
			Greatest common divisor				
	3	Counting	Sum rule principle	1	1		
			Product rule principle				
Sep-17	3	Counting	Factorial	3	3		
			Binomial Coefficient				
			Permutation and Combinations				
			ordered and unordered partitions				
	4	Probability theory	Sample space and events	2	2		
			Addition Principle				
			Conditional probability				
			Multiplicative theorem				
			Independent events				



Oct-17	5	Graph theory	Paths and connectivity Minimum spanning tree	1	1	
	6	Directed Graph	Adjacency matrix Path matrix			
	7	Properties of integers	Division Algorithm Primes Euclidean algorithm Fundamental theorem of arithmetic Congruence relation Linear congruence relation	1	1	
	8	Algebraic systems	Properties of operations Roots of polynomials	1	1	
	9	Boolean Algebra	Boolean Algebra			
	10	Recurrence relations	Linear homogeneous recurrence relations with constant co-efficients Solving Linear homogeneous recurrence relations with constant co-efficients Solving general homogeneous linear recurrence relations			

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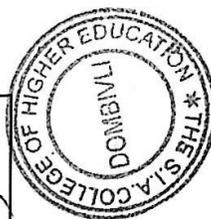
TEACHING PLAN 2017-2018

Term / Semester : I	IT
Name of the Teacher :Sreekala Nair	
Subject : DISCRETE MATHEMATICS	FYIT
Course	Class

Month	Topic	Sub-Topic	No. of Lectures		Remarks	Reviewed By
			Planned	Taken		
JULY	Unit -1					
	Introduction	Variables, The language of sets, Relations & functions	4	4		
	Set Theory	Defn & Element method of proof, properties of sets, disproofs	2	2		
		Algebraic proofs, Boolean algebra	3	3		
		Russels paradox & Halting problem	1	1		
AUGUST						
	The logic of compound statements	Logical form & logical equivalence, Conditional statements, Valid & invalid arguments	3	3		Soy
	Unit-2					
	Quantified statements	Predicates & quantified statements, statements with multiple quantifiers, Arguments with quantified statements,	3	5		
	Elementary Number Theory & Methods of proof	Introduction to Direct proofs, Rational numbers, Divisibility, Division into cases	4	3		



		Quotient Remainder theorem, Floor and ceiling, Indirect argument, contradiction & contraposition, two classical theorems, application in algorithm	2	4	
SEPTEMBER	Unit-3				
	Sequences, Mathematical induction and Recursion	Sequences, Mathematical induction, Strong mathematical induction and the well ordering principle for the integers	3	4	
		Correctness of algorithm, Defining sequences recursively, solving recurrence relation by iteration	3	3	
		Second order linear homogeneous recurrence relations with constant coefficients, General recursive definitions	3	4	
	Functions	one to one and onto, inverse functions, compositions of functions, Cardinality	2	3	2007
	Unit-IV				
	Relations	Relations on sets, reflexivity, symmetry and transitivity, equivalence relations, partial order relations	1	3	
OCTOBER	Graphs and trees	Definitions and basic properties, trails, path, circuit, matrix representation of graphs, isomorphism of graphs	1	2	



		Trees, rooted trees, pathlength in rooted trees, spanning tree and minimal spanning trees, isomorphism of graphs	2	2		
	Unit-V					
	Counting and probability	Introduction, possibility tree and multiplication rule, counting elements of disjoint sets	1	1		2012
		Addition rule, Pigeonhole principle, counting subsets of a set	2	2		
		combinations, r-combinations with repetition allowed, probability axioms and expected value, conditional probability	1	2		
		Bayes' formula and independent event	2	2		

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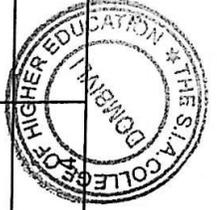
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Teaching plan 2017-2018

Term / Semester	Name of the Teacher :	Subject :	Topic	SubTopic	No. of Lectures Planned	No. of Lectures Taken	Remarks	Reviewed By
2	Meenakshi P Kulawade	computer network						
June			Introduction	Data communications, networks, network types, Internet history, standards and administration.	8	8		
			Network Models	Protocol layering, TCP/IP protocol suite, The OSI model				
			Introduction to Physical	Data and signals, periodic analog signals, digital signals,				
			Digital and Analog	Digital-to-digital conversion, analog-to-digital conversion,				
			Transmission media	Guided Media, Unguided Media				
July			Bandwidth Utilization	Multiplexing and Spectrum Spreading: Multiplexing, Spread Spectrum	20	2		
			Switching	Introduction, circuit switched networks, packet switching, structure of a switch.		2		
			Introduction to the Data	Link layer addressing, Data Link Layer Design Issues, Error		5		
				Error detection and correction		9		
				checksum, forward error correction, error correcting codes, error detecting codes.				
August			Data Link Control	DLC services, data link layer protocols, HDLC, Point-to-point protocol.	20			



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TEACHING PLAN 2017-18

SEMESTER: II	SUBJECT: Web Programming	COURSE: B.Sc.I.T.
NAME OF TEACHER: Mrs. Nandini Kadam		CLASS: F.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
December	Unit I	Internet and world wide web	4	4	Methodology	[Signature]
January	Unit I	HTML5 List, hyperlink, formatting, css	4	4	PPT PPT/Programs	
January	Unit II	HTML5 Page Layout and navigation site organization, creating text and image based navigation bars, divisions, semantics	4	4	PPT	[Signature]
January / February	Unit II	HTML Tables, forms and media	8	8	check Board/PPT	
February/ March	Unit III	Javascript introduction, operators, statements	8	8	Programs	[Signature]
March	Unit III	Document and its associated objects, Events and event handlers	4	3	Programs	
August	Unit IV	Basic PHP and MySQL syntax, variables, comments, control structures, looping, superglobal arrays, functions, regular expressions	6	6	PPPT check Board.	[Signature]
	Unit V	Advanced PHP and MySQL web forms and database, sessions, cookies, email	8	6	Programs	



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TEACHING PLAN 2017-18

SEMESTER: II	SUBJECT: Web Programming	COURSE: B.Sc.I.T.
NAME OF TEACHER: Mrs. Nandini Kadam		CLASS: F.Y.B.Sc.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		REMARKS	REVIEWED BY
			PLANNED	TAKEN		
December	Unit I	Internet and world wide web	4	4	PPT	[Signature]
January	Unit I	HTML5 List, hyperlink, formatting, css	4	4	PPT / programs Demo.	
January	Unit II	HTML5 Page Layout and navigation site organization, creating text and image based navigation bars, divisions, semantics	4	4	PPT	
January / February	Unit II	HTML Tables, forms and media	8	8	chalk Board/ PPT	
February/ March	Unit III	Javascript introduction, operators, statements	8	8	programs.	
March	Unit III	Document and its associated objects, Events and event handlers	4	3		
	Unit IV	Basic PHP and MySQL syntax, variables, comments, control structures, looping, superglobal arrays, functions, regular expressions	6	6	PPT / chalk Board	
august	Unit V	Advanced PHP and MySQL web forms and database, sessions, cookies, email	6	6	programs	



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TEACHING PLAN 2017-18

SEMESTER:	II	SUBJECT: WEB Programming (Practical)	COURSE:	B.Sc.I.T.
NAME OF TEACHER:	Mrs. Nandini Kadam	CLASS:	F.Y.B.Sc.I.T. <td></td>	
MONTH	Practical	SUB-TOPIC	NO. OF LECTURES	REMARKS
			PLANNED	TAKEN
January	1	programs on text formatting navigation and style sheets	3	3
January	2	semantacs, tables, forms, multimedia	3	4
January	3	javascript programs on series, validations, calculations	3	4
february	4	javascript conditional statements and core references	2	3
march	5	Basic PHP programs on calculations	3	3
march	6	PHP programs on pyramids, conditional analysis	3	3
march	7	PHP programs on string functions and arrays	2	3
march	8	PHP MySQL database connectivity	4	5
march	9	PHP Program on sending an email with attachment	2	2
march	10	PHP programs on sessions and cookies	2	2

Comp class

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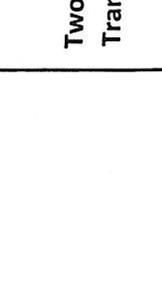
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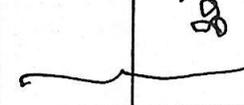
TEACHING PLAN 2017-18

SEMESTER:	IV	SUBJECT: Computer Graphics and Animation	COURSE:	USIT405
NAME OF TEACHER:	MRS.VANDANA SANDEEP JADHAV		CLASS:	S.Y.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		METHODOLOGY	REVIEWED BY
			PLANNED	TAKEN		
Dec-17	UNIT I Introduction to Computer Graphics:	Overview of Computer Graphics, Computer Graphics Application and Software, Description of some graphics devices, Input Devices for Operator Interaction, Active and Passive Graphics Devices, Display Technologies, Storage Tube Graphics Displays, Calligraphic Refresh Graphics Displays, Raster Refresh (Raster-Scan) Graphics Displays, Cathode Ray Tube Basics, Color CRT Raster Scan Basics, Video Basics, The Video Controller, Random-Scan Display Processor, LCD displays	4	4	CHOKE BOARD AND PPT	Soni
Jan-18	Scan conversion	Digital Differential Analyzer (DDA) algorithm, Bresenham's Line drawing algorithm. Bresenham's method of Circle drawing, Midpoint Circle Algorithm, Midpoint Ellipse Algorithm, Midpoint criteria, Problems of Aliasing, end-point ordering and clipping lines, Scan Converting Circles, Clipping Lines algorithms- Cyrus-Beck, Cohen-Sutherland and Liang-Barsky, Clipping Polygons, problem with multiple components.	8	8		



UNIT II	<p>Transformations and Matrices, Transformation Conventions, 2D Transformations, Homogeneous Coordinates and Matrix Representation of 2D Transformations, Translations and Homogeneous Coordinates, Rotation, Reflection, Scaling, Combined Transformation, Transformation of Points, Transformation of The Unit Square, Solid Body Transformations, Rotation About an Arbitrary Point, Reflection through an Arbitrary Line, A Geometric Interpretation of Homogeneous Coordinates, The Window-to-Viewport Transformations</p>	6	6	
<p>Two-Dimensional Transformations:</p>	<p>Three-Dimensional Scaling, Three-Dimensional Shearing, Three-Dimensional Rotation, Three-Dimensional Reflection, Three-Dimensional Translation, Multiple Transformation, Rotation about an Arbitrary Axis in Space, Reflection through an Arbitrary Plane, Matrix Representation of 3D Transformations, Composition of 3D Transformations, Affine and Perspective Geometry, Perspective Transformations, Techniques for Generating Perspective Views, Vanishing Points, the Perspective Geometry and camera models, Orthographic Projections, Axonometric Projections, Oblique Projections, View volumes for projections.</p>	6	6	
UNIT III				<p style="text-align: right;"><i>Saini</i></p>

Mar-18	Computer Animation: Principles of Animation, Key framing, Deformations, Character Animation, Physics-Based Animation, Procedural Techniques, Groups of Objects	4	4	<p>What is an Image? Digital image file formats, Image compression standard - JPEG, Image Processing - Digital image enhancement, contrast stretching, Histogram Equalization, smoothing and median Filtering.</p>	 4
 FACULTY	Image Manipulation and Storage:	4	4	 CO-ORDINATOR	 PRINCIPAL



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TEACHING PLAN 2017-2018

Term / Semester : IV	Course	IT
Name of the Teacher : MRS.S.SAI SREE	Class	SYIT
Subject : COMPUTER GRAPHICS (Practicals)		

Month	Topic	Sub-Topic	No. of Lectures		METHOD OL/OT/V	Reviewed By
			Planned	Taken		
JAN	Prac 1,2,3	Study and enlist the basic functions used for graphics in C Divide your screen into four region, draw circle, ellipse and half ellipse in each region with appropriate message. Draw a simple hut on the screen Draw a co-ordinate axis at the center of the screen.	4	4	PPT	Sai
FEB	Prac 4,5,6,7	Develop the program for DDA Line drawing algorithm Write a program to implement 2D scaling, 2D Translation Develop the program for Bresenham's Line drawing algorithm Develop the program for the mid-point circle drawing algorithm Develop the program for the mid-point ellipse drawing algorithm	4	4	PPT	
MARCH	Prac 8,9,10	Perform 2D Rotation on a given object Draw the moving car on the screen. Write a program to implement Cohen-Sutherland clipping, Liang - Barsky Line Clipping Algorithm Write a program to fill a circle using Flood Fill Algorithm, Boundary fill algorithm	4	4	PPT	



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TEACHING PLAN 2017-2018

SEMESTER:	IV	SUBJECT: Core JAVA	COURSE:	IT	
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	SYIT	Methodology
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	REVIEWED BY
DECEMBER	Unit - I : Introduction: History, architecture and its components, Java Class File, Java Runtime Environment, The Java Virtual Machine, JVM Components, The Java API, java platform, java development kit, Lambda Expressions, Methods References, Type Annotations, Method Parameter Reflection, setting the path environment variable, Java Compiler And Interpreter, java programs, java applications, main(), public, static, void, string[] args, statements, white space, case sensitivity identifiers, keywords, comments, braces and code blocks, variables, variable name primitive data types, Object Reference Types, Strings, Auto boxing, operators and properties of operators, Arithmetic operators, assignment operators, increment and decrement operator, relational operator, logical operator, bitwise operator, conditional operator.		12	04	Crossword Exercises, Presentation, Solving the small programs to check logical reasoning Soms
		Unit - I Data types:			
JANUARY	Unit-II Control Flow Statements:	The If...Else If...Else Statement, The Switch...Case Statement	PTO...		Crossword Exercises, Presentation, Solving the



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TEACHING PLAN 2017-2018**

SEMESTER:	IV	SUBJECT: Core JAVA	COURSE:	IT	
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	SYIT	
MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES PLANNED	TAKEN	METHODOLOGY REVIEWED BY
JANUARY	Unit-II Iterations:	The While Loop, The Do ... While Loop, The For Loop, The Foreach Loop, Labeled Statements, The Break And Continue Statements, The Return Statement	12	09	Exercises, Presentation, Solving the small programs
		Types of Classes, Scope Rules, Access Modifier, Instantiating Objects From A Class, Initializing The Class Object And Its Attributes, Class Methods, Accessing A Method, Method Returning A Value, Method's Variable Arguments [Varargs], Constructors, this Instance, super Instance, Characteristics Of Members Of A Class, constants, this instance, static fields of a class, static methods of a class, garbage collection			
FEBRUARY	Unit-III: Inheritance	Derived Class Objects, Inheritance and Access Control, Default Base Class Constructors, this and super keywords.	12	09	Crossword Exercises, Presentation, Solving the small programs to check logical reasoning
		Abstract Classes And Interfaces, Abstract Classes, Abstract Methods, Interfaces, What Is An Interface? How Is An Interface Different From An Abstract Class?, Multiple Inheritance,			
		Default Implementation, Adding New Functionality, Method Implementation, Classes V/s 12 25 Interfaces, Defining An Interface, Implementing Interfaces.			
	Unit-III: Packages	Creating Packages, Default Package, Importing Packages, Using A Package			



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TEACHING PLAN 2017-2018

SEMESTER: NAME OF TEACHER: MONTH	IV Sandhya Thakkar TOPIC	SUBJECT: Core JAVA SUB-TOPIC	COURSE:		IT	Methodology	REVIEWED BY
			NO. OF LECTURES PLANNED	LECTURES TAKEN			
MARCH	Unit-IV Enumerations, Arrays:	Two Dimensional Arrays, Multi-Dimensional Arrays, Vectors, Adding Elements To A Vector, Accessing Vector Elements, Searching For Elements In A Vector, Working With The Size of The Vector.	12	↓		Crossword Exercises, Presentation, Solving the small programs to check logical reasoning	Sonia
	Unit-IV Multithreading:	the thread control methods, thread life cycle, the main thread, creating a thread, extending the thread class.					
	Unit-IV Exceptions:	Catching Java Exceptions, Catching Run-Time Exceptions, Handling Multiple Exceptions, The finally Clause, The throws Clause					
	Unit-IV Byte streams:	reading console input, writing console output, reading file, writing file, writing binary data, reading binary data, getting started with character streams, writing file, reading file					
	Unit-V Event Handling:	Delegation Event Model, Events, Event classes, Event listener interfaces, Using delegation event model, adapter classes and inner classes.					
MARCH	Unit-V Abstract Window Toolkit:	Window Fundamentals, Component, Container, Panel, Window, Frame, Canvas.Components - Labels, Buttons, Check Boxes, Radio Buttons, Choice Menus, Text Fields, Text, Scrolling List, Scrollbars, Panels, Frames	12	11		Crossword Exercises, Presentation, Solving the small programs to check logical reasoning	
	Unit-V Layouts:	Flow Layout, Grid Layout, Border Layout, Card Layout					
TOTAL			60				

CONVENOR

Department of IT and Mathematics

Sandhya Thakkar
Subject Teachers



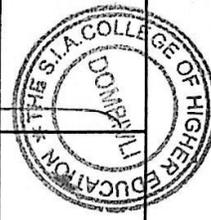
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TEACHING PLAN 2017-2018

Term / Semester : IV	Course	IT
Name of the Teacher : Sandhya Thakkar	Class	SYIT
Subject : Core Java (Practicals)		

Month	Topic	Sub-Topic	No. of Lectures		Reviewed By
			Planned	Taken	
JAN	Prac 1,2	1. Java Basics a. Write a Java program that takes a number as input and prints its multiplication table upto 10. b. Write a Java program to display the following pattern. ***** ***** ***** ***** ***** * c. Write a Java program to print the area and perimeter of a circle. 2. Use of Operators a. Write a Java program to add two binary numbers. b. Write a Java program to convert a decimal number to binary number and vice versa. c. Write a Java program to reverse a string.	6	5	[Signature] Sandhya Thakkar
FEBRUARY	Prac 4	3. Java Data Types 4. Methods and Constructors a. Designed a class SortData that contains the method asac() and desc(). b. Designed a class that demonstrates the use of constructor and destructor. c. Write a java program to demonstrate the implementation of abstract 5. Inheritance a. Write a java program to implement single level inheritance. b. Write a java program to implement method overriding c. Write a java program to implement multiple inheritance	3	3	
	Prac 5		3	3	



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TEACHING PLAN 2017-18

SEMESTER:	IV	SUBJECT: SOFTWARE ENGINEERING	COURSE: USIT404
NAME OF TEACHER:	MRS. VANDANA SANDEEP JADHAV		CLASS: S.Y.I.T.

MONTH	TOPIC	SUB-TOPIC	NO. OF LECTURES		METHODOLOGY	REVIEWED BY
			PLANNED	TAKEN		
Dec-17	UNIT I					
	Introduction:	What is software engineering? Software Development Life Cycle, Requirements Analysis, Software Design, Coding, Testing, Maintenance etc.				
	Software Requirements:	Functional and Non-functional requirements, User Requirements, System Requirements, Interface Specification, Documentation of the software requirements.				
	Software Processes:	Process and Project, Component Software Processes.	10	10	CHOKE BOARD AND PPT	Bair
	Software Development Process Models.	Waterfall Model. • Prototyping. • Iterative Development. • Rational Unified Process. • The RAD Model • Time boxing Model.				
Jan-18	Agile software development	Agile methods, Plan-driven and agile development, Extreme programming, Agile project management, Scaling agile methods.				
	UNIT II					
	Socio-technical system:	Essential characteristics of socio technical systems, Emergent System Properties, Systems Engineering, Components of system such as organization, people and computers, Dealing Legacy Systems.				

<p>Critical system: Types of Critical system, A simple safety critical system, Dependability of a system, Availability and Reliability, Safety and Security of Software systems.</p>	<p>Requirements Engineering Processes: Feasibility study, Requirements elicitation and analysis, Requirements Validations, Requirements Management.</p>	<p>System Models: Models and its types, Context Models, Behavioural Models, Data Models, Object Models, Structured Methods</p>	<p>UNIT III</p>	<p>Architectural Design: Architectural Design Decisions, System Organisation, Modular Decomposition Styles, Control Styles, Reference Architectures.</p>	<p>User Interface Design Need of UI design, Design issues, The UI design Process, User analysis, User Interface Prototyping, Interface Evaluation.</p>	<p>Project Management Software Project Management, Management activities, Project Planning, Project Scheduling, Risk Management.</p>	<p>Quality Management: Process and Product Quality, Quality assurance and Standards, Quality Planning, Quality Control, Software Measurement and Metrics.</p>	<p>UNIT IV</p>	<p>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>8</p>	<p>8</p>	<p>8</p>	<p>8</p>	<p>8</p>
<p>Feb-18</p>											<p>CHOKE BOARD AND PPT</p>	<p>CHOKE BOARD AND PPT</p>	<p>CHOKE BOARD AND PPT</p>		<p>CHOKE BOARD</p>

<p>Mar-18</p>	<p>Software Measurement:</p>	<p>Size-Oriented Metrics, Function-Oriented Metrics, Extended Function Point Metrics</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>Software Cost Estimation:</p>	<p>UNIT V</p>	<p>Software Productivity, Estimation Techniques, Algorithmic Cost Modelling, Project Duration and Staffing</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>Process Improvement:</p>	<p>Process and product quality, Process Classification, Process Measurement, Process Analysis and Modeling, Process Change, The CMMI Process Improvement Framework.</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>Service Oriented Software Engineering:</p>	<p>Services as reusable components, Service Engineering, Software Development with Services.</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>Software reuse:</p>	<p>The reuse landscape, Application frameworks, Software product lines, COTS product reuse.</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>Distributed software engineering</p>	<p>Distributed systems issues, Client-server computing, Architectural patterns for distributed systems, Software as a service</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>

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