

Government of Maharashtra's
Ismail Yusuf College of Arts, Science & Commerce
Jogeshwari (East), Mumbai - 400060.

Name of the Lecturer: Smt. Kalpana Pawaskar
Class: F.Y.B.A

Sem-I

Dept. : History A/Y : 2022-23
Paper: History of Modern India

Month	Unit	Topic to be covered	Knowledge	No. Lec
Jul- Aug22	UNIT -1 Emergence & Genesis of Indian Nationalism	Revolt of 1857- Causes, Consequences	Aware about The first great struggle for independence.	04
		Growth of Political Associations	Evolution of political organizations	06
		Foundation of Indian National Congress	INC -events leading to its formation	02
Aug-22	UNIT – 2 The National Movement	The Moderate Phase – causes, aims – objectives, programme, achievements	Early Indians Constitutional struggle for reforms and self-government	03
		The Extremist Phase- Causes, objectives programme Lokmanya Tilak, partition of Bengal, Home Rule League	Transformation in ideologies, leading to militant nationalism and contribution of Lokmanya Tilak	05
		Revolutionary Nationalism – India & Abroad	Young minds of India followed revolutionary path to free motherland	04
Sept22	UNIT- 3 Gandhian Era	Rise – causes, South Africa	Rise of new era Under Gandhi	03
		Non-cooperation movement	Nonviolent method to achieve freedom	03



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Dept. : History A/Y : 2022-23
Paper: History of Modern India

		Civil Disobedience Movement,	Emergence of mass movement and participation of women	03
		Quit India Movement	Final call for independence	03
Sept-Oct 22	UNIT-4 Towards Independence & Partition	India Act of 1935	Foundation of Indian independence	03
		Cripps Proposal	British Measures to appease Indians, leading to independence	02
		Cabinet Mission		03
		Independence Act /Partition		04

Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition

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Name of the Lecturer: Smt. Kalpana Pawaskar
Class: F.Y.B.A

Dept. : History A/Y : 2022-23
Paper: History of Modern India: Society and Economy

Sem-II

Jan -Feb 23	3. Impact of British Rule on Indian Economy	Revenue Settlement- causes, Permanent Settlement – objectives, features, impact	Acquainted Introduction of revenue policies, exploitation, poverty, profits to British	02
		Mahalwari system- causes, objectives, features, Development, Impact	Various revenue systems, commercialization effects	02
		Ryotwari settlement- causes, features, Impact	Indians exposed govt. rise of economic nationalism - Dadabhai Nauroji Rise of industries	02
		Commercialization of agriculture		02
		Drain theory		02
		Industry – Pre-British, during British period		02
Feb- Mar 23	4. Nationalism & Social Groups	WOMEN – condition of women pre-British rule, reform movement, education, role in revolt, freedom movement, revolutionary, Empowerment	Acquainted with women condition, awakening, participation in national movement, constitutional rights after independence	03
		DALIT movement- Meaning, origin, reform movement, rights,	Evolution of Dalit movement Role of Jyotiba Phule , Dr. Ambedkar	02
		Peasant movements	Peasant and tribal unrest against British rule.	02
		Tribal movements		02

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Sem-II

Dept. : History A/Y : 2022-23
Paper: History of Modern India: Society and Economy

Month	Unit	Topic to be covered	Knowledge	Lec.under taken
Nov - Dec 22	1.Social religious reform movement & Revival	Causes of the social religious reform movement	Understood factors for Renaissance, Establishment of social organization, caste, women, education etc, uplifting society. Comparison with today's society.	01
		Brahmo samaj		02
		Arya Samaj		01
		Ramkrishna Mission		01
		Satyashodhak Samaj		02
		Aligarh movement		01
		Sing Sabha movement		02
		Impact of socio- religious reforms		02
Dec-Jan 22-23	2. Education, Press, Transport	Education – causes, Charter Act-1813, Raja Ram Mohan Roy, Macaulay,s Minutess Woods Despatch, Hunter commission, University act, progress in 20 th century ,Impact	Beginning of western education, support of Indians Evolution of Education system, influence on India	04
		PRESS- Causes, beginning, development, English Newspaper, vernacular press and press in Maharashtra, Impact	Rise and growth of press, English first, Vernacular and awakening-social/political/religious/economic among the people	04
		Transport – Reasons, Development- Roadways, waterways, Railways, Post, Telegraph, Ship building	Modern transport and communication transforming the life.	04



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Name of the Lecturer: Dr. Sheetal Panchikar

Dept.: History

A/Y: 2022-23

Class: S.Y.B.A Sem-III Paper: Landmarks In world History (1300A.D.-1945A.D.)

Month	Unit	Topic to be covered	Knowledge	No. of lecture undertaken
June	Module I: The Modern Age	A)Renaissance: its meaning, Features and causes	meaning, Features and causes	3
		A)Renaissance literature, Art, Science	Knowledge about Literature in English, Dutch, French, and Features of Architecture	3
July	Module I: The Modern Age	B) Geographical Discoveries	The causes of the geographical discovery Vasco-Da- Gama, Ferdinand Magellan	3
		B) Geographical Discoveries C) Reformation- Causes,	Columbus, Effects of Geographical discoveries Causes	2
		C) Reformation-	Understand Role of Martin Luther, Effects and Counter Reformation	2
		A)American Revolution :	Understand Causes, Course of revolution, Consequences	4
		B) French Revolution:	Acquainted with Causes, Course of revolution and Effects, Napoleon Bonaparte	4
August	Module II: Age of Revolutions	C) Industrial Revolution: Causes, Invention, impact,	Causes, Invention, impact	2
		A)Formation of Nation States in Europe- Causes	Causes	4
	Module III: Nationalism and Imperialism	B)Nationalist Movements in Italy and Germany	Understand Works of Giuseppe Mazzini, Count Camillo di Cavour, Giuseppe Garibaldi Work of Bismarck in the unification of Germany	2



		c) Imperialist Expansion in Asia	Causes, Invention, impact	3
September	Module IV: World in Transition (1914-1919)	A) World War I :	Acquainted with Causes, Course of War, Effects,	5
		B) Russian Revolution:-	Understand Feb and Oct 1917. Causes of the Revolution Course of Revolution, Russian Revolution role of Lenin.	4
		C) League of Nations	Aims and Objectives Organs	3
October		Revision Sem III Exam		2
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				



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Name of the Lecturer: Dr. Sheetal Panchikar

Dept. : History

A/Y : 2022-23

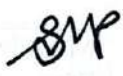
Class: S.Y.B.A Sem-IV Paper: Landmarks In world History (1300A.D.-1945A.D.)

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
November	Module I: Inter War Period	a) Kemal Pasha and Modernization of Turkey early life, Reform Program	Understand Reform programs to modernized Turkey and Foreign Policy	3
		(b) Reza Shah and Reforms in Iran	Understand Reform programs to modernized Iran	3
		(c) Birth of Israel	Acquainted with Zionist Movement the Various stages in the birth of the state of Israel in 1948	3
December	Module II: Rise of Dictatorships	(a) Fascism	Causes for rise of Fascism Mussolini	03
		(a) Fascism (b) Nazism-	Domestic and foreign policy of Mussolini Causes for rise of Nazism	03
		(b) Nazism- (c) Militarism in Japan	Domestic and foreign policy of Hitler Causes	04
		(c) Militarism in Japan	Causes	01
January	Module III: World War II and Efforts for Peace	(a) World War II	Causes	3
		(a) World War II (b) The Atlantic Charter	Course of War, Effects Understand Charter points and significance	2
		(c) United Nations Organization.	Acquainted with Aims Objectives Organs	1



Month	Unit	Topic to be covered	Knowledge	Lect. Undertaken
February	Module IV: Nationalist Movements in Asia	(a) Dr. Sun-Yat-Sen and China	Career and achievements of Dr. Sun Yet Sen Understand causes of 1911 revolution Understand Role of Mahatma Gandhi in Indian National Movement	3
		(b) Mahatma Gandhi and India	Understand Role of Dr. Sukarno in Indonesian National Movement	3
		(c) Dr. Sukarno and Indonesia		3
		Revision		2
March		SEM III EXAM		
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				




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Name of the Lecturer: Smt. Kalpana Pawaskar
Class: S.Y.B.A

Dept. : History A/Y : 2022-2023
Paper III : History of Ancient India

Months	Unit	Topic to be covered	Knowledge	Lect. No
Jun 4 th week Jul 22	Sources of Ancient India and their Importance	Sources – meaning Definition, Types	Understood concept & significance in history Classification Reconstructing history Authenticity of sources	01
		Archaeological sources – Meaning, definition, types- Inscription. Numismatics , Monuments		02
		Literary sources – Meaning Definition, types- Sacred & Secular literature		03
		Foreign Accounts – pilgrims, envoys, travellers,		03
Jul- Aug 22	2. Indus Valley Civilization	Indus – origin , discovery , importance	Acquainted with origin /oldest civilization Social Economy Religion Advance in science and technology Reasons of decline	01
		A-Social Life of Indus Valley Civilization		02
		Economic Life of Indus Valley Civilization		02
		B-Religious Life of Indus Valley Civilization		01
		C-Town Planning of Indus Valley Civilization		02
		Arts and Crafts of Indus Valley Civilization		02
		Script of Indus Valley Civilization		01
		Decline of Indus Valley Civilization		01



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Name of the Lecturer: Smt. Kalpana Pawaskar
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Dept. : History A/Y : 2022-2023
Paper III : History of Ancient India

Months	Unit	Topic to be covered		Lect.No
Aug-Sept22	3.The Vedic Age	A-Janapadas	Acquainted Formation of administrative unit. Social - development of caste, impact, Complex religion Progress of science	02
		B-Social life of the Vedic People		02
		Education & Literature during the Vedic Age		02
		Economic life of the Vedic People		02
		Science and technology during the Vedic Age		02
		C-Religion of the Vedic people		02
Sept-Oct 22	4.India after 6th Century B.C	Rise and growth of Janapadas – Causes, 16 Mahajanapadas, Administration, Powerful one	Evolution of Janpadas	02
		Rise and growth of Jainism –Causes, Establishment, Vardhaman Mahavir, Teachings, spread, Contribution	Vardhaman Mahavir , teachings, influence	03
		Rise and growth of Buddhism- Causes, Establishment, Gautam Buddha, Teachings, Spread , Contribution	Buddha principles, life, influence on India and abroad	03
		Persian Invasion of India – Causes, conquest Influence	Foreign invasion	02
		Greek Invasion of India Causes, Alexander the Great, conquest, Influence	Alexander life, conquest, effects on India	02

Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition.

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Name of the Lecturer: Smt. Kalpana C. Pawaskar
Class: S.Y.B.A

Sem-IV

Dept. : History A/Y : 2022-23
Paper III : History of Ancient India

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
Nov - Dec22	1. Mauryan and Post Mauryan Period (322 B.C. to 320 A.D.)	A- Chandragupta Maurya , Rise-causes, Chankya, defeat of Nanas , Greeks, establishment of Mauryan Kingdom	Understood Political Unification of India.	02
		Ashoka – Early life , Kalinga war, Sad, Follower of Buddhism, Measures to spread Buddhim, decline	Transformation in life. Follower of Buddhism, world Popular religion	02
		B- Mauryan Administration- central provincial. Local. Municipalities, village, Military Revenue, Judicial	Foundation of strong efficient administration leading to a powerful state.	02
		C-2.Sunga dynasty- Origin, establishment , Pushyamitra Sunga decline	Revival of Brahminism, Protection from foreign invasion	02
		3.Kushana dynasty- origin founder, King Kanishka, Achievements , Decline	Life and career, progress, contribution	02
		4.Satavahanas – founder, Gautamiputra Satakarny, society, economy, religion , Decline	Life , conquest, socio-eco-religious literature etc contribution	02
Dec-Jan22-23	Unit – 2 Guptas Age (320 A.D. to 600 A.D.)	A-Gupta kingdom- origin, founder, Chandragupta – I Samudragupta,	Establishment, Golden age	03
		Chandragupta- II , Kkumargupta –I Skandagupta	Kings looked after kingdom, maintained glory of the kingdom	03
		B-Gupta Administration- Central-provincial- city govt, Revenue, Military, Justice	Further strengthened administrative system.	02
		C-Gupta age –Golden Age – Literature, science, technology ,language, Religion, society, economy art architecture	Great progress	04



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Name of the Lecturer: Smt. Kalpana C. Pawaskar
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Dept. : History A/Y : 2022-23
Paper III : History of Ancient India

Month	Unit	Topic to be covered	Knowledge	Lect. Undertaken
Jan –Feb23	3 . Post Gupta Period (600A.D. to 1000A.D.)	Vardhan dynasty- origin, rise, growth	Acquainted with rise and growth, patronage, Religious assemblies	01
		King Harshvardhana- conquest, religion, patron of learning and literature.		02
		Rise of Rajputs -	Rajput contribution	03
		Arab invasion of Sindh – conquest and effects	Conquest, influence	03
Feb -Mar23	4. Major Dynasties of Deccan and South India	Rise and growth of Chalukyas- Pulkesin –II	Acquainted with South Indian Dynasties,	02
		Rise and development of Rashtrakutas		02
		Rise and growth and contribution of Pallavas	And contribution to Indian culture.	02
		Rise, development and contribution of Cholas		02
		Spread of Indian Culture in South-East Asia		04

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Name of the Lecturer: Dr. Sheetal Panchikar Dept.: History- IV A/Y: 2022-23
Class: T.Y.B.A Sem-V Paper: History of Medieval India (1000 CE-1526CE)

Month	Unit	Topic to be covered	Knowledge	No. of lecture under taken
June & July	Module I: Foundation, Expansion and Decline of Delhi Sultanate	(a) Socio-economic and political conditions on the eve of the Turkish Invasion	Understand the features Life and career, progress, expansion contribution of Sultans	4
		(b) Rise and Decline of Slave dynasty, Khilji Dynasty		4
		(c) Tughlaq, Sayyid and Lodi Dynasty	Life and career, progress, expansion contribution of Sultans	4
July	Module II: Administrative Structure of the Sultanate	(a) Central Administration and Iqta system	Acquainted with features, structure, change in administration	4
		(b) Administrative and Military Reforms of Ala-ud-din Khilji	Understand the reforms change development, success or failure of reforms	4
		(c) Reforms of Firozshah Tughlaq and Mohammed bin Tughlaq	Acquainted with features, structure, change in administration	4
July & August	Module III: Emergence of Vijaynagar and Bahamani Kingdoms	(a) Rise, Growth and Decline of Vijaynagar	Foundation of strong efficient administration Leading to a powerful state.	4
		(a) Rise, Growth and Decline of Bahamani Kingdoms	Understand contribution of sultans, expansion	4
		(b) Administration, Socio-Economic and Cultural conditions of Vijayanagar Empire	Acquainted with development in all section specially in architecture	4
		(c) Administration, Socio-Economic and Cultural conditions of Bahamani Kingdom	Understand structure of administration, changes in socio economic	3



			condition and architecture	
September		(a) Socio-economic and religious life	Caste system, position of women, trade and commerce,	5
		(b) Education and Literature		
		(b) Education and Literature	Bhakti movement, Sufism Hindu and Muslim system of education	4
		(c) Art and Architecture	Hindu and Muslim system of education	3
October		(c) Art and Architecture	Development of Islamic architecture	2
		Revision Prelim Exam		2
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				



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Name of the Lecturer: Dr. Sheetal Panchikar Dept.: History- IV A/Y: 2022-23
Class: T.Y.B.A Sem-VI Paper: History of Medieval India (1000 CE-1526CE)

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
November & December	Module I: Foundation, Expansion and Decline of the Mughal Rule	(a) India on the eve of Mughal Rule; Invasion of Babur	Expansion policy	3
		(b) Humayun, Shershah and Akbar	Understand Career, contribution, expansion, policy and achievements	3
		(c) Jahangir, Shahjahan and Aurangzeb	Understand Career, contribution, expansion, policy and achievements	3
December	Module II: Administrative Structure of the Mughals	a) Central and Provincial Administration	Foundation of strong efficient administration leading to a powerful empire	4
		a) Central and Provincial Administration (b) Mansabdari System	Features	4
		(c) Revenue and Judicial system	Features	4
January & February	Module III: Rise of the Maratha Power	(a) Shivaji and Foundation of Swarajya	Features Causes	4
		(b) Administration of Shivaji	Relations with Adilshah and Mughals Foundation of strong Efficient visionary administration leading to a powerful state	4
		(c) Sambhaji, Rajaram and Tarabai	Career and contribution	4



Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
February	Module IV: Society and Economy, Religion and Culture of the Mughal Rule	(a) Society and Economy	Caste system, position of women, trade and commerce Din-I- Ilahi foundation of new religion Hindu and Muslim system of education Development of Islamic architecture. Features of Great progress	4
		(b) Religion, Education and Literature		4
		(b) Religion, Education and Literature (c) Art and Architecture		3
		(c) Art and Architecture		4
March		Revision SEM VI Prelim Exam		4
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				



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Name of the Lecturer: Smt. Kalpana Pawaskar
Class: T.Y.B.A

Dept. : History A/Y : 2022-23
Paper V: History of Modern Maharashtra

Sem-V

Month	Unit	Topic to be covered	Knowledge	No.Lect. Undertaken
Jun-Jul 22	1. Beginning of the British Rule	(a) Socio-Economic conditions of Maharashtra in 19th Century (b) Administration and Judiciary (c) Tribal and Peasant Uprisings	Understood society, economy pre-British. Introduction of western administration and difficulty of Indians to adjust Tribal lost of land, revenue policy impact- rebellions to overthrow foreign rule	03 03 05
Jul-Aug22	2. Socio-Economic Awakening	(a) Mahatma Jotirao Phule - Satya Shodhak Samaj and Universal Humanism (b) Prarthana Samaj (c) Contribution of thinkers of Maharashtra to Economic Nationalism	Acquainted with the work and contribution of organization to uplift the society. Indian Intellectuals created economic awareness, nationalism	03 03 04
Sept 22	3. Political Developments in Maharashtra (1885-1960)	(a) Moderates, Extremists and Revolutionaries in Maharashtra (b) Response to Gandhian Movements in Maharashtra (c) Samyukta Maharashtra Movement	Acknowledged The role of region in the national movement of different era Influence of Gandhi Created understanding of the movement that led to the formation of Maharashtra.	04 04 04
Sept-Oct 22	4. Emergence of New Forces	(a) Contribution of Reformers in Education (b) Contribution of Reformers towards Emancipation of Women (c) Contribution of Reformers towards Upliftment of Depressed Classes: V. R. Shinde, Rajarshi Shahu Maharaj and Dr. B. R. Ambedkar	Acquainted with the work of reformers in the field of education. Worked to emancipate women Uplifting the condition of Dalit class	04 04 04



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Sem-VI

Dept. : History A/Y : 2022-2023
Paper : History of Contemporary India

Month	Unit	Topic to be covered	Knowledge	No. Lect. Under taken
Nov-Dec 2022	I: The Nehru Era (1947 CE – 1964 CE)	A.Features of Indian Constitution	Acquainted with drafting,work , features of the constitution Role of Vallabhai Patel	04
		B Integration and Reorganization of Indian States.	Language based creation of states and movement	04
		C. Socio- Economic Reforms and Foreign Policy	Reforms after independence and effects	04
Jan 2023	II Political, Social and Economic Developments (1964 CE – 1984 CE)	A.Political Developments after Nehru Era; Green Revolution	Need of food grain, research, programme , implementation	04
		B.Abolition of Privy Purses and Titles; Nationalization of Banks; The Emergency.	Financial burden, abolition of privy purses of princes by Mrs. Indira Gandhi	04
		C. Janata Government; Return of Congress to power ; Foreign Policy	Need,Formation,work ,collapse of govt.	04
Feb 2023	III: Political, Social and Economic	A.Political Developments	Acquainted with work of P.M :Rajiv Gandhi ,V.P.Singh,Narsimha Rao, Atal Bihari Vajpayi	03



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Class : T.Y.B.A Sem-VI

Dept. : History A/Y : 2022-2023
Paper : History of Contemporary India

	Development s (1984 CE – 2000 CE)		and their relations with neighbours.	
		B.Relations with Neighboring Countries	relations with neighbours.	03
		C. Liberalization, Privatization and Globalization	Transformation in economy: LPG	03
Mar 2023	IV: Emerging Trends	A. Communalism and Separatist Movements	Understood growth of communalism , separatist movement	04
		B. Women Empowerment and Policy of Reservation	Policies , constitutional rights,education, jobs,organizations etc towards empowerment Establishment of department, govt.policies, support, development	04
		C. Science, Technology and Education	Establishment of departments,progress,impact	04

Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition.

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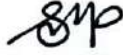
Name of the Lecturer: Dr. Sheetal Panchikar Dept.: History- VI A A/Y: 2022-23
Class: T.Y.B.A Sem-V Paper: Introduction to Archaeology

Month	Unit	Topic to be covered	Knowledge	No. of lecture under taken
June & July	Module I: Aims and Methods of Archaeology	(a) Definition, Aims and Development of Archaeology in India	Understand the concept and its development.	3
		(b) Archaeology and History; Archaeology and Other Sciences	Understand importance of archaeology as a subject.	3
		(c) Field Archaeology: Methods of Exploration, Excavation Dating Antiquities; Significance of Archaeology	Acquainted with different methods	3
July	Module II: Pre-Historic, Proto-Historic and Early Historical Periods	(a) Palaeolithic and Mesolithic Periods	Features:- extension, sites, tools, potteries,	3
		(b) Neolithic and Chalcolithic Periods	Features:- extension, sites, tools, potteries, shelter pattern, agriculture, trade Chalcolithic period first urbanization	3
		(c) Megalithic and Early Historical Periods	Features:- extension, sites, tools, potteries, shelter pattern, agriculture, trade	3
July & August	Module III: Epigraphy	(a) Definition and History of Indian Epigraphy	Concept of Epigraphy	3
		(b) Types of Inscriptions and their significance	Understand different types and significance	4
		(c) Evolution of Brahmi and Kharosthi Scripts	Acquainted with the scripts	3
		Ashokan Edicts		2
September	Module IV	(a) Definition and History of Indian	Concept of	3



	Numismatics	Numismatics	numismatics	
		(b) Ancient Indian Coinage: Punch-Marked, Satavahana, Western Kshatrapas, Kushana and Gupta Coins	Understand development and features of coinage	4
		(b) Ancient Indian Coinage: Punch-Marked, Satavahana, Western Kshatrapas, Kushana and Gupta Coins	Understand development and features of coinage	3
		(c) Contribution of Numismatics to Indian History		3
October		Revision Prelim Exam		2 2
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				




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Name of the Lecturer: Dr. Sheetal Panchikar Dept.: History- VI A A/Y: 2022-23

Class: T.Y.B.A Sem-VI Paper: Introduction to Museology and Archival Science

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
November & December	Module I: Museology	(a) Definition of Museology, Museum Movement in India	Understand development of museum in India during British period and after Independence	3
		(b) Role of the Curator	Duties of Curator	3
		(c) Types of Museums	Acquainted with types, themes of museums	3
December	Module II: Museums	a) Methods of Collection and Conservation of Objects in Museums	Understand the importance of conservation	3
		(b) Preservation Techniques and Types of Exhibitions	Understand the importance of preservation	3
		(c) Changing Role of Museums: In-house and Out-reach activities of Museums	Understand the shift of museum from object to community	3
January & February	Module III: Archival Science	(a) Meaning, Scope, Objectives and Classes of Archives	Acquainted with different work of Archives	3
		(b) Importance of Archives: Value of Records as Sources of History	Archives as a source of history and important for research	3
		(c) Classification of Records	Understand the work of Archives	3

Month	Unit	Topic to be covered	Knowledge	Lect. Undertaken
February	Module IV: Management of Archives	(a) Appraisal and Retention of Records	Acquainted with different work of Archives	3
		(b) Conservation and Preservation of Records		3
		(b) Conservation and Preservation of Records		3
		(c) Digital Archives		3
March		Revision SEM VI Prelim Exam		3



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Name of the Lecturer: Smt. Kalpana Pawaskar
Class: T.Y.B.A

Dept. : History A/Y : 2022-23
Sem-V Paper VII: History of Marathas: Royal Period

Month	Unit	Topic to be covered	Knowledge	Lect.No
Jun-Jul 22	1. Introduction to Maratha History	(a) Marathi, Persian and European Sources	Familiarized students with the literary sources of the history of the Marathas.	04
		(b) Deccan in the 17th century – Geo-Political and Economic conditions	Introduced the students to the regional history of Maharashtra.	04
		(c) Socio-Cultural conditions; Maharashtra Dharma	Introduced the students to the regional history of Maharashtra.	04
Jul- Aug-22	2. Establishment of Swarajya	(a) Shivaji's relations with Bijapur	understood the forces leading to the establishment of Maratha power under Chhatrapati Shivaji Maharaj.	04
		(b) Shivaji's relations with the Mughals	Struggle against Mughals To form Swaraj	04
		(c) Shivaji's relations with the Europeans	Shivaji's careful relations, leading to establishment of Swaraj and navy	04
Aug- Sept 22	3. Period of Consolidation and Crisis	(a) Coronation and its significance; Shivaji's Karnatak Campaign	Understood the need, importance of coronation	04
		(b) Sambhaji, Rajaram and Tarabai	Consolidation of Maratha power	04
		(c) Civil War : Tarabai and Shahu	Internal problems Fight for throne	03
Sept- Oct-22	4. Administration during the Royal Period	(a) Civil Administration (Administration)	Understood administrative foundation laid by Chhatrapati Shivaji	04
		(b) Revenue and Judicial	Collection of revenue, administration of justice based on welfare of the people	03
		(c) Military Administration	Established strong military to check foreigners as well as internal powers to protect kingdom	03

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Name of the Lecturer: Smt. Kalpana Pawaskar
Class: T.Y.B.A

Sem-VI

Dept. : History A/Y : 2022-23
Paper VII : History of Marathas (1707-1818)

Month	Unit	Topic to be covered	Knowledge	Lect. No
NOV-DEC 22	1. Expansio n of Maratha Power	a.Rise of Peshwas: Balaji vishwanath	Understood Political condition, role of Balaji and Shahu as a Chhatrapati.	04
		b.Peshwa Bajirao –I	Expansion of Maratha power.	04
		C.Maratha confederacy	Rise and growth	04
DEC-JAN 22-23	2. Consolid ation of Maratha power	a. Peshwa Balaji Bajirao –	Understood policy of expansion, north India conquest Peshwa as supreme central authority	04
		b.Third Battle of Panipat	causes, course, effects	04
		c.Significance	Marathas, India	02
JAN- FEB23	3. Post Panipat, Revival and Downfall	a.Peshwa Madhavrao -I	Acquainted with restoring Maratha prestige, role, career	04
		b.Barbhai Council	Protection to the Maratha Kingdom	04
		c.Downfall	Reasons for the decline	03
FEB-MAR 23	4. Administ rative, social, cultural develop ment	a.Peshwa administration.	Acquainted with civil, revenue, military administration	04
b.Society under Peshwas		Religion, caste, position of women	04	
c.Cultural developments		Literature, art and architecture	04	

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Name of the Lecturer: Dr. Sheetal Panchikar Dept.: History- VIII A/Y: 2022-23

Class: T.Y.B.A Sem-V Paper: History of Contemporary World (1945 CE – 2000 CE)

Month	Unit	Topic to be covered	Academic Tools	lecture undertaken
June & July		(b) Conflicts in Cold War: Germany, Korea and Cuba	Acquainted with some of the major events of post-World War II period.	4
		(c) Economic Revival of Western Europe	Acquainted with some of the major events of post-World War II period. How these events influenced the world	4
		Soviet Union's Relations with Eastern Europe	Marshal Plan – policy program and development	4
July	Module II: Europe, U.S.S.R and U.S.A. (1985-2000)	(a) Disintegration of U.S.S.R	Acquainted with causes of disintegration, Mikhail Gorbachev and his program	4
		(b) Re-drawing of political borders of Germany, Yugoslavia and Czechoslovakia	Understand events in Europe after 2 nd world war	4
		(b) Emergence of the European Union (EU) in Western Europe	Ideas, Stages in the Evolution of the European Community and later on EU	4
July & August	Module III: Movements for Equal Rights and Challenging the Bipolar World (1945-2000)	(c) U.S.A as the dominant world power	Understand end of cold war and emergence of USA as a world power	4
		(a) Campaigns within and outside South Africa against Apartheid	Acquainted with concept of Apartheid, and struggle of south Africa people against of it. Role of Nelson Mandela	4
		(b) Civil Rights Movement in U.S.A	Role of Martin Luther King	4
		(c) Non-Aligned Movement	Establishment, Conference, work, Role of India	4
September	Module IV: Major Trends	(a) Globalisation	Concept, Types, Forms Causes, Impact	4
		(b) Sustainable Development	Meaning and importance	4
		(c) Women's Liberation Movement	Contribution and progress	4
October		Revision		2
		Prelim Exam		2




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Name of the Lecturer: Dr. Sheetal Panchikar Dept.: History- VIII A/Y: 2022-23
Class: T.Y.B.A Sem-VI Paper: History of Asia (1945 CE-2000 CE)

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
November & December	Module I: Transformation of China	(a) Domestic Policy in People's Republic of China under Mao Zedong	Understand Agriculture and Industrial policy by Mao Zedong	5
		(b) Economic Progress in China under Deng Xiaoping	Acquainted with Great leap forward. Causes of Cultural revolution Four modernization program	4
		(c) Foreign Policy of China with USSR	Stages events impact	3
December	Module II: Reconstruction of Japan	(a) American Occupation of Japan	SCAP administration	4
		(b) Economic Miracle in Japan	Features, reasons. Japan became world economic power	4
		(c) Foreign Policy of Japan with USA	Features, reasons. Japan became world economic power	4
January & February	Module III: South East Asia	(a) Cold War and Vietnam	Ho-Chi- Minh, Events, struggle, Role of USA	4
		(b) Guided Democracy in Indonesia	Dr. Sukarno	4
		(c) Association of South East Asian Nations (ASEAN)	Acquainted with Formation, administration, aims objectives, work	4



Month	Unit	Topic to be covered	Knowledge	Lect. Undertaken
February	Module IV: Conflicts in West Asia	(a) Arab- Israel Conflict (1948-2000)	Understand Causes and effects	5
		(b) Iranian Revolution of 1979	Events, Role of Ayatollah Khomeini	4
		(b) Iranian Revolution of 1979		2
		(c) Oil Politics and OPEC	Events Members of organization, aim and objectives, work done	4
March		Revision SEM VI Prelim Exam		4
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				

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Name of the Lecturer : Smt. Kalpana Pawaskar
Class : T.Y.B.A

Sem-V

Dept. : History A/Y : 2022-23
Paper : Introduction to Heritage Tourism

Month	Module	Topic to be covered	Knowledge	No. Lec
JUN - JUL 22	I - Understanding Heritage Tourism	(a) Meaning and Historical Perspective of Tourism	developed an understanding of Heritage Tourism amongst students.	03
		(b) Concept, Scope and Significance of Heritage Tourism	Understood, concept, Scope, Significance	03
		(c) National Policies to promote Heritage Tourism and World Heritage Sites in India	Acquainted with govt. policies, WHS	03
JUL 22	II - Forms of Heritage Tourism in India	(a) Natural: Beaches and Sanctuaries	Awareness about natural wealth and utilizing generating economy	03
		(b) Built Heritage: Forts, Monuments and Public Buildings	Use of heritage to boost employment, preservation	03
		(c) Cultural: Pilgrimage Sites, Fairs and Festivals	Culture as a medium to boost economy	03
AUG 22	III - New Trends in Heritage Tourism	(a) Entertainment: Performing Arts and Cinema	Understood employing new trends	03
		(b) Eco-tourism and Adventure Tourism	Encouraging eco based tourism	03
		(c) Public Private Partnership in Heritage Tourism	Important to develop tourism and its role	03
SEP - OCT 22	IV - Heritage Management	(a) Heritage Legislation	Understood need of legislation for the conservation etc	03
		(b) Role of Tourism Industry	Emerging industry in the world to generate employment	03
		(c) Role of Museums and Heritage Conservation Societies	Tourism enhanced	03

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Name of the Lecturer: Smt. Kalpana Pawaskar

Dept.: History

A/Y: 2022-23

Class: T.Y.B.A

Sem-VI

Paper IX B: Heritage Tourism in Maharashtra

Month	Module	Topic to be covered	Knowledge	No.Lec.
NOV- DEC22	I: Understan ding Heritage Tourism of Maharash tra	(a) Government Policies and Role of Government Agencies	Acquainted with role and policies to boost tourism	03
		(b) Heritage Sites and Precincts	Utilizing heritage in the development of tourism and state.	03
		(c) Careers in Heritage Tourism	Acquainted with opportunities in sector	03
DEC- JAN 22-23	II: Natural Heritage	(a) Biodiversity of Sahyadri Range	Understood significance of biodiversity.	03
		(b) National Parks	Contribution to national economy	03
		(c) Beaches and Hill Stations	New trends& encouraging weekend tours	03
JAN - FEB23	III: Architectur al Heritage	(a) Caves	Understood Rock cut architecture attraction of tourist	03
		(b) Forts	Great historical importance	03
		(c) Monuments and Public Buildings	Story of the nation reflects love to visit and know	03
FEB- MAR23	IV: Cultural Heritage	(a) Pilgrimage Sites	Understood Multicultral nation and religious beliefs encourages visit as well as others.	03
		(b) Fairs and Festivals	Great attractions	03
		(c) Folk and Tribal Culture	Liked to know their culture and life.more in demand	03

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Name of the Lecturer: Fouziya Aftab Ahmed Khan
A/Y: 2022-2023 Class : FYBA

Sem : I

Department: History
Subject : AIC

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
July-Aug 2022	Module I- Introduction to Archaeology	INTRODUCTION TO ARCHAEOLOGY A. Definition, Aims & Objectives B. Archaeological Chronology C. Development of Archaeology in India with reference to Europe and America	Understand the concept of Archaeology and its development	03 03 04
Aug-2022	Module II Archaeology and Sciences	A. Archaeological sciences, Life science, physical science, quantification methods B. Archaeology and social science C. Archaeology and Information Technology and Remote sensing, G.I.S	Gain interdisciplinary knowledge encompassing anthropology, geology, geography, history, and biology to understand past civilizations and cultures.	04 04 04
Sep-2022	Module III field Archaeology	A. Site formation processes/Archaeological records, Data collection B. Methods of explorations and excavations C. Introduction to dating methods: Absolute and Relative D. Under water Archaeology	. Acquainted with different methods of excavation and artefact analysis, as well as theoretical knowledge about interpreting past cultures through stratigraphy, chronology, and cultural context.	04 03 03
Sep-Oct2022	Module IV Archaeology and Society : Role & Relevance	A. Archaeology and Epics B. Public Archaeology C. Careers in Archaeology	Learn how to protect cultural treasures, interact with the public, talk about ethical concerns, and see how archaeological discoveries impact communities today.	05 03 02

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Name of the Lecturer: Fouziya Aftab Ahmed Khan

Department: History

A/Y: 2022-2023

Class : FYBA

Sem. : II

Subject : AIC

Month	Unit	Topic to be covered	Knowledge	Lect. Undertaken
Nov –Dec-2022	Module I- Mumbai: Geography and Landscape	A. Geographical Area (Mumbai, Suburbs and Navi Mumbai) Geology of Mumbai and Sea level changes in North Konkan	Learn about environmental issues, economic activities, and urban planning strategies relevant to the city.	04
		B. Fossils in the backyard - Ancient plants and animals in Mumbai and vicinity		04
		C. Mumbai explored: Human Existence in Mumbai from Pre-history to History		04
Dec-Jan-2022-2023	Module II- Mumbai through Ages (7 C.A.D. - 13 C.A.D.)	. A. Rise of New Urban Centres: Thana, Mahim and Marol B. Cultural Heritage of Mumbai during Shilahara Period as seen refelected in inscriptions and Literature: a. Kanheri Cave Inscription of Pullakesakti Year 765 b. Kanheri Cave Inscription of Kapardin Year 775 c. Kanheri Cave Inscription of Kapardin Year 799 d. Thana Plates of Arikesarin Year 939 e. Bhandup Plates of Chhitaraja Year 948 f. Thana Plates of Nagarjuna Year 961 g. Thana Plates of Mummuniraja Year 970 h. Ambarnath Temple Inscription of Mummuniraja Year 982 C. Cultural Heritage of mumbai during Shilahara Period as seen refelected in inscriptions and Literature: a. Vihar Stone Inscription of	Studying Mumbai through these lenses, students gain a holistic understanding of the city's past, present, and future, and develop critical thinking skills to engage with complex urban issues.	02 06
Feb-Mar 2023	Module III - Mumbai through Ages (14 C.A.D. - 16 C.A.D.)			



		<p>Anantadeva Year 1003</p> <p>b. Cintra Stone Inscription of Aparaditya I Year 1059</p> <p>c. British Museum Stone Inscription of the reign of Haripaladeva Year 1076</p> <p>d. Thana Stone Inscription of Aparaditya II Year 1107</p> <p>e. Parel Stone Inscription of Aparaditya II Year 1108</p>		07
Jan-2023	Module III - Mumbai through Ages (14 C.A.D. - 16 C.A.D.)	<p>A. Ancient Forts in Mumbai: Kanheri, Thane Ghodbundar and Mahim</p> <p>B. Archaeological remains in Mumbai of Pre-Portugese Early Medieval Mumbai:</p> <p>a. Historical Geography and Cultural Ethnography of Pre-Portugese Early Medieval Mumbai</p>	“They would learn about caves, forts and holy place from the Portuguese.”	04 05
Feb-Mar 2023	Module III - Mumbai through Ages (14 C.A.D. - 16 C.A.D.)	<p>b. Stray Sculptural Findings from Elephanta island and Thana</p> <p>c. Ekasar and DevipadaVeergals</p> <p>d. Inscriptions:</p> <p>i Inscriptions of AluNakawa, Andheri and Dombivali</p> <p>ii. Mahim Durgah</p> <p>B.A.R.C.Inscription of Hambirarao</p> <p>e. f. Mumbai Under Sultans of Gujarat and Bahamani</p> <p>C. Literature: MumbadeviMahatmya, Bimbakhyan</p>		09

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Name of the Lecturer: Dr. Sheetal Panchikar

Dept.: AIC-II

A/Y: 2022-23

Class: S.Y.B.A Sem-III

Paper: India through Ages –A

Month	Unit	Topic to be covered	Academic Tools	No. of lecture undertaken
June	Unit 1: Neolithic Cultures of Indian Subcontinent	a. Kashmir Neolithic: Burzahome	Acquainted with features of Neolithic Age	3
		b. North West Indian Neolithic (Baluchstan): Mehargarh	Understand Excavation Location, settlement pattern, tools and industries of sites	3
		c. Vindhyanneolithic – middle Ganga plains (Lahuradewa) e. South Indian Neolithic: Ash Mound Problem (Budhial, Tadakanhalli, Sangankallur and other sites in Northern Karnataka)	Features and theories of Ash mound sites	
July	Unit 2: 1st Urbanization	a. Early, Mature and Late Harappan period.	Acquainted with origin /oldest civilization and development and progress achieved by Harappan people	3
		b. City Planning, Houses, Subsistence, economy, trade, pottery, seals and sealing, beads and bangles, sculptures (Stone, Terracotta, metal),		
		Water Management, socio-politicoreligious scenario,	Acquainted with Social Economy Religion Advance in science and technology	2
	c. Decline, Aryan Problem, Post Harappan Chalcolithic Cultures.	Causes of Decline	2	
	Unit 3: Vedic Age	a. Vedic Literature b. Copper Hoard Culture	Types and features of Vedic Literature	4
		c. Ochre Colour Pottery, Painted Grey Ware Pottery Cultures	Acquainted with Features:- Excavation location, potteries artifacts, agriculture economy, sites	4
August	Unit 3: Vedic Age	d. Site Study: Hulas, Hastinapur, Atranjikhhera,	Acquainted with Features:- Excavation location, potteries artifacts,	2



	Unit 4: Mahajanapadas Development under the Magadhan Empire from 600 BC to 200 BC	Rakhigadhi	agriculture economy, social condition	
		a. Republic and Monarchies	Understand features of administrative system	2
		b. Rise and expansion of Magadhan Empire c. Northern Black Polished Ware Culture.	Foundation of strong efficient administration Leading to a powerful state. Acquainted with Features:- Excavation location, potteries artifacts, agriculture economy, social condition	4
		d. Material Remains found from following sites: Rajgriha, Patana, Kaushambi and Ujjain,	Acquainted with Features:- Excavation location, economy, social life, architecture	3
September	Unit 5: Age of Long Distance Trade	a. Indo-Bactrians / Greeks, Shakas and Kushana. b. Shunga, Satavahana. c. Urbanization of Deccan and Far South.	Understand development of trade	5
		d. Indo Roman Trade and Trade Routes: Uttarapatha and Dakshinapatha, Maritime trade. e. Sangama Literature	Features of trade Features of Uttarapatha and Dakshinapatha, Maritime trade.	4
		F. Archaeological sites to be studied: Mathura, Arikamedu, Taxila, Shishupalgarh, Bhokardan	Acquainted with Features:- Excavation location, economy, social life, architecture	3
October		Revision		2
Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition				



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Name of the Lecturer: Dr. Sheetal Panchikar Dept.: AIC-II A/Y: 2022-23
Class: S.Y.B.A Sem-IV Paper: India through Ages -B

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
November	Unit 1 'Golden Age':	a. Economy: Trade, Agriculture, Taxation and Currency.	Understand the growth in economy	3
		b. Society: Society as reflected in Dharmashastra Literature and Inscriptions.	Features of society, caste system class, position of women	2
		c. Political Institutions: Central Administration and Provincial Administration; Concept of Kingship d. Religion: Vedic and Agamic religion, Buddhism and Jainism.	Acquainted with Central Administration and Provincial Administration; Concept of Kingship Causes of decline of Buddhism and Jainism	2
		a. Material culture in early medieval India: Currency, Land Gants and Monuments	Understand concept of Urban Decay, features of material culture	2
December	Unit 2 'Urban Decay': India in the post Gupta period upto the rise of Islamic Dynasties (based on theoretical framework proposed by Dr. D. D. Kōsambi and Dr. R. S. Sharma): Unit 3 'Urban Decay' a critique: Critical analysis of the theory of Urban Decay proposed by the Reinterpretation of the data in Chapter 2.	b. Literature in Early medieval India: Prakrut and Sanskrit c. Polity in Early Medieval India: Decentralization of administration and raise of feudalism.	Acquainted with Features of Decentralization of administration and raise of feudalism.	03
		d. Archaeological sites to be studied: Ramtek, Kandhar, Korkai, Udayagiri.	Acquainted with Features:- Excavation location, economy, social life, architecture	03
		a. Critical Analysis by Dr. B. D. Chattopadhyay, b. Dr. Champaka Lakshmi c. Dr. A. P. Jamkhedkar	Understand different opinion	02
		a. Currency, Monuments, Trade and Literature under Sultans of Delhi b. Currency, Monuments, Trade and Literature under Mughals	Acquainted with economical and cultural development during	02



			Sultanate and Mughal period	
January	Unit 4 'Third Urbanisation': Understanding development of material culture under the Hindu and Islamic Dynasties.	c. Currency, Monuments, Trade and Literature under Vijayanagara	Acquainted with economical and cultural development during Vijayanagara empire	3
		e. Archaeological sites to be studied with the help of Archaeological and Literary Sources: Daulatabad, Fatehpur Sikri, Hampi, Bijapur	Acquainted with Features:- Excavation location, economy, social life, architecture	3

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
February	Unit 5 Tradition and Continuity Understanding Indian Culture in the light of Modernity	a. Maratha Architecture: Nagpur, Pune.	Acquainted with Features:- location, architecture, monuments, economy, social life, Understand the nature and features	3
		b. Nature of minor Puranic Literature and Mahatmyas (Ganesh Purana, Mumbadevi Mahatmya)		3
		c. Indian Society: Past and present: Sanskritization.		3
		Revision		2
March		SEM III EXAM		

Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition



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Name of the Lecturer: Smt. Kalpana C. Pawaskar
Class: S.Y.B.A AIC Sem-III

Dept. : History A/Y : 2022-23
Paper III: Social Organization in Ancient India-A

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
Jun 22	1 Six types of societies:	a. Hunting and gathering societies.	Acquainted with Origin and evolution of society	02
		b. Pastoral societies		02
		c. Horticultural societies.		02
		d. Agricultural societies.		02
		e. Industrial societies		02
		f. Post-industrial societies.		02
Jul 22	2 Society in the Proto-historic Phase:	a. Social Structure under the first urbanization and changes in the social set up seen from Neolithic to Chalcolithic Phase	Acquainted with Social stratification, Rural to urban transformation	03
		b. Harappan Society (Subsistence, Settlement pattern and Hierarchy.) Archaeological sites to be studied: Dholavira		04
		c. Social Set up in the Deccan Chalcolithic Culture: (Subsistence, Settlement pattern and Hierarchy.) Archaeological sites to be studied: Inamgaon		04
Aug-22	3. Social Hierarchy as seen in Indian Society through Ages in India and South East Asia:	a. Varna and Jati System	Awareness about Beginning, evolution of caste. Need of Ashrmas Aims of life for healthy society	04
		b. Ashrama System (Smarta and Agama Tradition)		04
Aug-Sept 22	4. Marriage in Indian Culture	a. Concept of Samskara (Birth, Marriage and Death)	Institution of marriage, importance in society	02
		b. Marriage as a Sacrament		02
		c. Forms of Marriage		02
		d. Age of Marriage		02
Sept-Oct-22	5. Position of Woman in Ancient India:	a. Economic Rights (Property Rights, Women as Donors)	Aware Women position, economic rights	02
		b. Social Rights (Education, Bija-Kshetra Nyaya, Niyoga, Sati, Role in the Rituals)		02
		c. Active life and renunciation: Elite and the common women: (Amrapali, Naganika, Prabhavatigupta, Sarasvati sister of Kalakacharya, Rajashri, Kannagi, Rani Chenamma, Ahilyabai Holkar).		04

*Academic Tools – Map, Documentary, film, Visit to Historical Place, Museum, Exhibition.

K.Pawaskar



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K.P.
Head Department of History
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Jogeshwari (East), Mumbai - 400060.

Name of the Lecturer: Smt. Kalpana C. Pawaskar
Class: S.Y.B.A AIC Sem-IV

Dept. : History A/Y : 2022- 2023
Paper III : Economic History of India

Month	Unit	Topic to be covered	Knowledge	Lect. Under taken
Nov- Dec-22	1 1st and 2nd Urbanization	a. Definition of Urbanization	Understanding concept, development of urban cities and contribution	02
		b. Unique features of the Urban Economy		03
		c. 1 st and 2nd Urbanization in India		04
Jan23	2 Age of Agrarian and commercial wealth	Economy of the Magadhan Empire as reflected in the Literary sources like Arthashastra and Indica.	Highlighted progress of economy of Magadha and under great kingdom of Mauryas	03 03 03
Jan-Feb 23	3 Age of International Trade and Commerce	a. Indo Roman trade (Ter, Arikamedu)	Acquainted with international trade relations , influence, progress	04
		b. Arab Trade (Hampi, Sanjan)		04
		c. Trade with South and South East Asian Countries (Shri Lanka, Burma, Cambodia, Indonesia)		05
Feb- Mar23	4 In-land trade:	Dakshinapatha	Understood Indian domestic trade routes, ports leading to prosperity.	04
		and Uttarapatha		04
		(Sopara, Bharuch, Ujjain, Tamralipti, Bhokardan, Pushkalavati (Charsadda), Balkh, Khotan)		06



K. Pawaskar.


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Department of BMS

Teaching Plan for Academic Year 2022-23

**Name of the Faculty Member: Pratiksha Gurav/Hasina
Panwar
Class: FYBMS
Semester: I
Subject: Introduction to Financial Accounts**

Month	Topics to be covered	No of Lectures
July	Introduction to Financial Accounts Meaning and Scope of Accounting: Accounting principles International Financial Reporting Standards (IFRS)	12
August	<ul style="list-style-type: none">• Accounting transactions: Accounting cycle, Journal, Journal proper, Opening and closing entries, Relationship between journal & ledger: Rules regarding posting: Trial balance: Subsidiary books (Purchase, Purchase Returns, Sales, Sales Returns & cash book –Triple Column), Bank Reconciliation Statement.• Expenditure: Classification of Expenditure- Capital, revenue and Deferred Revenue Expenditure Unusual expenses: Effects of error: Criteria test.• Receipts: Capital receipt, Revenue receipt, distinction between capital receipts and revenue receipts.• Profit or Loss: Revenue profit or loss, capital profit or loss	13
September	Depreciation Accounting & Trial Balance/ Final Accounts <ul style="list-style-type: none">• Depreciation accounting: Practical problem based on depreciation using SLM and RBM methods. (Where Provision for depreciation Account not maintained). Final Accounts <ul style="list-style-type: none">• Preparation of Trial Balance: Introduction and Preparation of Trial Balance• Introduction to Final Accounts of a Sole proprietor.• Rectification of errors.	13

October	<p>Final Accounts</p> <p>Manufacturing Account, Trading Account, Profit and Loss Account and Balance Sheet.</p> <ul style="list-style-type: none"> • Preparation and presentation of Final Accounts in horizontal format • Introduction to Schedule 6 of Companies Act ,1956 	14
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Name of the Faculty Member: Amba Mehta
Class: : FYBMS
Semester: I
Subject: Business Law

Month	Topics to be covered	No of Lectures
July	Contract Act, 1872 & Sale of Goods Act, 1930 Contract Act, 1872: Essential elements of Contract; Agreement and Contract – Capacity to Contract, free consent, consideration, lawful objects/ consideration,	12
August	Negotiable Instrument Act, 1981 & Consumer Protection Act, 1986 Negotiable Instrument Act, 1981: Introduction of Negotiable Instruments – Characteristics of negotiable instruments, Promissory note, Bills of exchange, Cheque, Dishonour of Cheque. • Consumer Protection Act, 1986:	13
September	Company Law	14
October	Intellectual Property Rights(IPR)	12

Amba J. Mehta,

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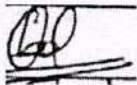
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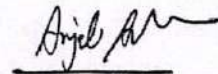


Name of the Faculty Member: Obaid Shaikh
Class: FYBMS
Semester: I
Subject: Business Statistics

Month	Topics to be covered	No of Lectures
July	Introduction to Statistics Introduction: Functions/Scope, Importance, Limitations • Data: Relevance of Data(Current Scenario), Type of data(Primary & Secondary), Primary(Census vs Samples, Method of Collection, Secondary(Merits, Limitations, Sources)	11
August	Measures of Dispersion, Co- Relation and Linear Regression	12
September	Time Series and Index Number Index Number: Simple(unweighted) Aggregate Method, Weighted Aggregate Method, Simple Average of Price Relatives, Weighted Average of Price Relatives, Chain Base Index Numbers, Base Shifting, Splicing and Deflating, Cost of Living Index Number	13
October	Probability and Decision Theory	12



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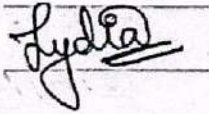
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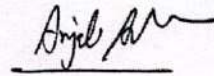
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Name of the Faculty Member: Lydia Kalgutkar
Class: FYBMS
Semester: I
Subject: Business Communication- I

Month	Topics to be covered	No of Lectures
July	Theory of Communication Concept of Communication: Meaning, Definition, Process, Need, Feedback Emergence of Communication as a key concept in the Corporate and Global world Impact of technological advancements on Communication	14
August	Obstacles to Communication in Business World	13
September	Business Correspondence	14
October	Language and Writing Skills	11



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Name of the Faculty Member: Sumaiya Khan
Class: : FYBMS
Semester: I
Subject: Foundation Course -I

Month	Topics to be covered	No of Lectures
July	Overview of Indian Society	12
August	Concept of Disparity-1	10
August/September	Concept of Disparity- 2	10
September	The Indian Constitution Philosophy of the Constitution Significant Aspects of Political Processes	09
October	PPT Presentations	03

Sumaiya Khan

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Name of the Faculty Member: Shraddha Jadhav
Class: : FYBMS
Semester: I
Subject: Foundation of Human Skills

Month	Topics to be covered	No of Lectures
July	Understanding of Human Nature Individual Behaviour Personality and attitude Thinking, learning and perceptions	12
August/September	Introduction to Group Behaviour Group Dynamics Team effectiveness Organizational processes and system. Power and politics Organizational conflicts and resolution:	13
September/ October	Organizational Culture and Motivation at workplace <ul style="list-style-type: none"> • Organizational Culture: Characteristics of organizational culture. Types, functions and barriers of organizational culture Ways of creating and maintaining effective organization culture • Motivation at workplace: Concept of motivation Theories of motivation in an organisational set up. A.Maslow Need Heirachy F.Hertzberg Dual Factor Mc.Gregor theory X and theory Y. Ways of motivating through carrot (positive reinforcement) and stick (negative reinforcement) at workplace. 	12
October	Organisational Change, Creativity and Development and Work Stress Organisational change and creativity: Concepts of organisational change, Factors leading/influencing organisational change, Kurt Lewins model of organisational change and development, Creativity and qualities of a creative person, Ways of enhancing creativity for effective decision making, Creative problem solving. • Organisational Development and work stress: Need for organisational development, OD Techniques, Stress, types of stress, Causes and consequences of job stress, Ways for coping up with job stress	11



Shraddha Jadhav
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Name of the Faculty Member: Rajdeep Kamble

Class: : FYBMS

Semester: I

Subject: Business Economics - I

Month	Topics to be covered	No of Lectures
July	Scope and Importance of Business Economics - basic tools- Opportunity Cost principle- Incremental and Marginal Concepts. Basic economic relations - functional relations: equations- Total, Average and Marginal relations- use of Marginal analysis in decision making, The basics of market demand, market supply and equilibrium price-shifts in the demand and supply curves and equilibrium	12
August/September	Demand Analysis	11
September/ October	Supply and Production Decisions and Cost of Production	14
October	Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition Pricing Practices	10

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Department of BMS

Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Pratiksha Gurav

Class: FYBMS

Semester: II

Subject: Principles of Marketing

Month	Topics to be covered	No of Lectures
November/ December	Introduction to Marketing, Concepts of Marketing Introduction to Marketing: Definition, features, advantages and scope of marketing. The 4P's and 4C's of marketing. Marketing v/s Selling. Marketing as an activity and function • Concepts of Marketing: Needs, wants and demands, transactions, transfer and exchanges. • Orientations of a firm: Production concept; Product concept; selling concept and marketing concept, social relationship, Holistic marketing	10 03
December/ January	Marketing Environment Research and Consumer Behaviour The micro environment of business: Management structure; Marketing Channels; Markets in which a firm operates; competitors and stakeholders. • Macro environment: Political Factors; Economic Factors; Socio Cultural Factors, Technological Factors (PEST Analysis) • Marketing research: Meaning, features, Importance of marketing research. Types of marketing research: Product research; Sales research; consumer/customer research; production research • MIS: Meaning, features and Importance • Consumer Behaviour: Meaning, feature, importance, factors affecting Consumer Behaviour	14
January	Marketing Mix • Marketing mix: Meaning –elements of Marketing Mix. • Product-product mix-product line lifecycle-product planning – New product development- failure of new product-levels of product. • Branding – Packing and packaging – role and importance • Pricing – objectives-factors influencing pricing policy and Pricing strategy. • Physical distribution – meaning – factor affecting channel selection-types of marketing channels • Promotion – meaning and significance of promotion. Promotion • tools (brief)	14



February	Segmentation, Targeting and Positioning and Trends In Marketing Segmentation – meaning , importance , basis • Targeting – meaning , types • Positioning – meaning – strategies • New trends in marketing – E-marketing , Internet marketing and marketing using Social network • Social marketing/ Relationship marketing	12
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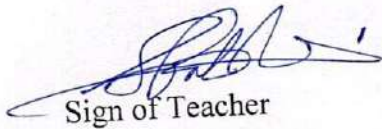
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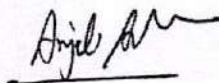
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Name of the Faculty Member: Suryakant Patole
Class: FYBMS
Semester: II
Subject: Industrial Law

Month	Topics to be covered	No of Lectures
November	<p style="text-align: center;">Laws Related to Industrial Relations and Industrial Disputes</p> <p>Industrial Disputes Act, 1947: Definition, Authorities, Awards, Settlements, Strikes Lockouts, Lay Offs, Retrenchment and Closure • The Trade Union Act, 1926</p>	12
December	<p style="text-align: center;">Laws Related to Health, Safety and Welfare</p> <p>• The Factory Act 1948: (Provisions related to Health, Safety and Welfare) • The Workmen's Compensation Act, 1923 Provisions: χ Introduction: The doctrine of assumed risk, The doctrine of Common Employment, The doctrine of Contributory Negligence χ Definitions χ Employers liability for compensation (S-3 to 13) χ Rules as to Compensation (Sec 4 to Sec 9) (14 A & 17)</p>	11
January	<p style="text-align: center;">Social Legislation</p> <p>• Employee State Insurance Act 1948: Definition and Employees Provident Fund • Miscellaneous Provision Act 1948: Schemes, Administration and determination of dues</p>	14
February	<p style="text-align: center;">Laws Related to Compensation Management</p> <p>The payment of Wages Act 1948: Objectives, Definition, Authorised Deductions • Payment of Bonus Act, 1965 • The Payment Of Gratuity Act, 1972</p>	11


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Name of the Faculty Member: Shilpa Gupta/Obaidullah Shaikh

Class: FYBMS

Semester: II

Subject: Business Mathematics

Month	Topics to be covered	No of Lectures
November	Elementary Financial Mathematics	12
December	Matrices and Determinants	13
January	Derivatives and Applications of Derivatives • Introduction and Concept: Derivatives	15
February	Numerical Analysis [Interpolation] Introduction and concept: Finite differences – forward difference operator – Newton's forward difference formula with simple examples • Backward Difference Operator. Newton's backward interpolation formula with simple examples	15

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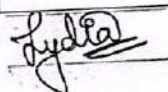
Name of the Faculty Member: Lydia Kalgutkar

Class: : FYBMS

Semester: II

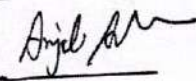
Subject: Business Communication- II

Month	Topics to be covered	No of Lectures
November	Presentations: (to be tested in tutorials only) 4 Principles of Effective Presentation Effective use of OHP	10
December	Group Communication Interviews: Group Discussion Preparing for an Interview, Types of Interviews – Selection, Appraisal, Grievance, Exit Meetings: Need and Importance of Meetings, Conduct of Meeting and Group Dynamics Role of the Chairperson, Role of the Participants, Drafting of Notice, Agenda and Resolutions Conference: Meaning and Importance of Conference Organizing a Conference Modern Met Co ordinators: Video and Tele – Conferencing Public Relations: Meaning, Functions of PR Department, External and Internal Measures of PR	13
January	Business Correspondence Trade Letters: Order, Credit and Status Enquiry, Letters of Inquiry, Letters of Complaints, Claims, Adjustments Sales Letters, promotional leaflets and fliers Consumer Grievance Letters, Letters under Right to Information (RTI) Act	14
February	Language and Writing Skills Reports: Parts, Types, Feasibility Reports, Investigative Reports Summarisation: Identification of main and supporting/sub points Presenting these in a cohesive manner	13



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Name of the Faculty Member: Suryakant Patole

Class: : FYBMS

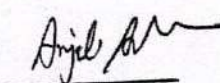
Semester: II

Subject: Foundation Course -II

Month	Topics to be covered	No of Lectures
November	Globalisation and Indian Society Understanding the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.	12
December	Human Rights Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution	11
January	Ecology Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation-causes and impact on human life; Sustainable development-concept and components; poverty and environment	14
February	Understanding Stress and Conflict	11
March	Managing Stress and Conflict in Contemporary Society	03


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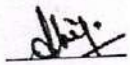
Name of the Faculty Member: Shifa Saadan

Class: FYBMS

Semester: II

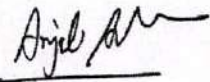
Subject: Principles of Management

Month	Topics to be covered	No of Lectures
November	Nature of Management Management: Concept, Significance, Role & Skills, Levels of Management, Concepts of PODSCORB, Managerial Grid. • Evolution of Management thoughts, Contribution of F.W Taylor, Henri Fayol and Contingency Approach.	12
December	Planning and Decision Making	12
January	Organizing: Concepts, Structure (Formal & Informal, Line & Staff and Matrix), Meaning, Advantages and Limitations • Departmentation: Meaning, Basis and Significance • Span of Control: Meaning, Graicunas Theory, Factors affecting span of Control Centralization vs Decentralization • Delegation: Authority & Responsibility relationship	14
February	Directing, Leadership, Co- ordination and Controlling	13



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Name of the Faculty Member: Sumaiya Khan
Class: FYBMS
Semester: II
Subject: Business Environment

Month	Topics to be covered	No of Lectures
November	Introduction to Business Environment	12
December	Political and Legal environment Political Institutions: Legislature, Executive, Judiciary, Role of government in Business, Legal framework in India. • Economic environment: economic system and economic policies. Concept of Capitalism, Socialism and Mixed Economy • Impact of business on Private sector, Public sector and Joint sector • Sunrise sectors of India Economy. Challenges of Indian economy	10
January	Social and Cultural Environment, Technological environment and Competitive Environment	14
February	International Environment	11

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Department of BMS

Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Sumaiya Khan

Class: : SYBMS

Semester: III

Subject: Consumer Behaviour

Month	Topics to be covered	No of Lectures
July	<p>Introduction To Consumer Behaviour:</p> <p>Meaning of Consumer Behaviour, Features and Importance Types of Consumer (Institutional & Retail), Diversity of consumers and their behaviour- Types Of Consumer Behaviour Profiling the consumer and understanding their needs Consumer Involvement Application of Consumer Behaviour knowledge in Marketing Consumer Decision Making Process and Determinants of Buyer Behaviour, factors affecting each stage, and Need recognition.</p>	14
August	<p>Individual- Determinants of Consumer Behaviour</p> <p>Consumer Needs & Motivation (Theories - Maslow, Mc Cleland). Personality – Concept, Nature of personality, Freudian, non - Freudian and Trait theories, Personality Traits and it's Marketing significance, Product personality and brand personification. Self Concept – Concept Consumer Perception Learning - Theory, Nature of Consumer Attitudes, Consumer Attitude Formation & Change. Attitude - Concept of attitude</p>	13

September	<p>Environmental Determinants of Consumer Behaviour</p> <p>Family Influences on Buyer Behaviour, Roles of different members, needs perceived and evaluation rules. Factors affecting the need of the family, family life cycle stage and size. Social Class and Influences. Group Dynamics & Consumer Reference Groups, Social Class & Consumer Behaviour - Reference Groups, Opinion Leaders and Social Influences In- group versus out-group influences, role of opinion leaders in diffusion of innovation and in purchase process. Cultural Influences on Consumer Behaviour Understanding cultural and sub- cultural influences on individual, norms and their role, customs, traditions and value system.</p>	12
October	<p>Consumer decision making models and New Trends</p> <p>Consumer Decision making models: Howard Sheth Model, Engel Blackwell, Miniard Model, Nicosia Models of Consumer Decision Making Diffusion of innovations Process of Diffusion and Adoption, Innovation, Decision process, Innovator profiles E-Buying behaviour The E-buyer vis-a vis the Brick and Mortar buyer, Influences on E-buying</p>	13

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Name of the Faculty Member: Meghana Bakraniya
Class : SYBMS
Semester: III
Subject: Advertising

Month	Topics to be covered	No of Lectures
July	Definition, Evolution of Advertising, Importance, Scope, Features, Benefits, Five M's of Advertising • Types of Advertising consumer advertising, industrial advertising, institutional advertising, classified advertising, national advertising, generic advertising	14
August	Strategy and Planning Process in Advertising	12
September	Creativity in Advertising • Introduction to Creativity	14
October	Budget, Evaluation, Current trends and careers in Advertising Advertising Budget – Definition of Advertising Budget, Features,	12

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Name of the Faculty Member: Shifa Saadan

Class: SYBMS

Semester: III

Subject: Environmental Management

Month	Topics to be covered	No of Lectures
July	<p>1. Environmental Concepts Environment : Definition and composition, Lithosphere, Atmosphere, Hydrosphere, Biosphere Biogeochemical cycles – Concept and Water Cycle Ecosystem & Ecology; Food Chain, Food Web & Energy Flow Pyramid Resources: Meaning, Classification (Renewable & non-renewable), Types & Exploitation of Natural Resources in Sustainable Manner</p>	12
August	<p>2. Environment Degradation Degradation – Meaning and Causes, Degradation of Land, Forest and Agricultural Land and its remedies Pollution – meaning, types, causes and remedies (land, air, water and others) Global Warming : Meaning, Causes and Effects Disaster Management : Meaning, Disaster Management Cycle Waste Management : Definition and Types – Solid waste management anthropogenic waste, e-waste & biomedical waste (consumerism as a cause of waste</p>	13
September	<p>3. Sustainability and Role of Business Sustainability : Definition, Importance and Environment Conservation Environmental Clearance for establishing and operating Industries in India EIA, Environmental Auditing, ISO 14001 Salient Features of Water Act, Air Act and Wildlife Protection Act Carbon Bank & Kyoto Protocol</p>	14

October	4. Innovations in Business – An Environmental Perspective Non-Conventional Energy Sources – Wind, Bio-fuel, Solar, Tidal and Nuclear Energy. Innovative Business Models: Eco-tourism, Green marketing, Organic farming, Eco-friendly packaging, Waste management projects for profits ,other business projects for greener future	13
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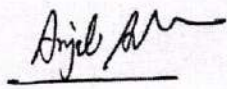
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Name of the Faculty Member: Suryakant Patole
Class: : SYBMS
Semester: III
Subject: Information Technology in Business Management-I

Month	Topics to be covered	No of Lectures
July	Introduction to IT Support in Management Concept of Data, Information and Knowledge Concept of Database	12
August	<p>Learn Word: Creating/Saving of Document Editing and Formatting Features</p> <p>Designing a title page, Preparing Index, Use of Smart Art</p> <p>Cross Reference, Bookmark and Hyperlink. Mail Merge Feature.</p> <p>Spreadsheet application (e.g. MS-Excel/openoffice.org) Creating/Saving and editing spreadsheets Drawing charts.</p> <p>Using Basic Functions: text, math & trig, statistical, date & time, database, financial, logical</p> <p>Using Advanced Functions : Use of Lookup/Hookup</p> <p>Data analysis – sorting data, filtering data (AutoFilter , Advanced Filter), data validation, what-if analysis (using data tables/scenarios), creating sub-totals and grand totals, pivot table/chart, goal seek/solver,</p> <p>Presentation Software Creating a presentation with minimum 20 slides with a script. Presenting in different views,</p> <p>Inserting Pictures, Videos, Creating animation effects on them Slide Transitions, Timed Presentations</p> <p>Rehearsal of presentation</p>	13 (08 – Practical Lectures in Computer Lab)

September	Email, Internet and its Applications	14 (06 – Practical Lectures in Computer Lab)
October	E-Security Systems Threats to Computer systems and control measures. Types of threats Virus, hacking, phishing, spyware, spam, physical threats (fire, flood, earthquake, vandalism) Threat Management	12


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Name of the Faculty Member: Shraddha Jadhav
Class: SYBMS
Semester: III
Subject: Business Planning & Entrepreneurial Management

Month	Topics to be covered	No of Lectures
July	Foundations of Entrepreneurship Development: Concept and Need of Entrepreneurship Development Definition of Entrepreneur, Entrepreneurship, Importance and significance of growth of entrepreneurial activities Characteristics and qualities of entrepreneur	14
August	Types & Classification Of Entrepreneurs	15
September	Entrepreneur Project Development & Business Plan	14
October	Venture Development	13

Shraddha
Sign of Teacher

Arijit
Sign of Co ordinator



Government of Maharashtra's
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Arts, Science & Commerce.
Jogeshwari (East), Mumbai - 400 060.

Name of the Faculty Member: Nitin Gangal
Class: : SYBMS
Semester: III
Subject: Accounting for Managerial Decisions

Month	Topics to be covered	No of Lectures
July	<p>Analysis and Interpretation of Financial statements</p> <ul style="list-style-type: none"> • Study of balance sheet of limited companies. Study of Manufacturing, Trading, Profit and Loss A/c of Limited Companies • Vertical Form of Balance Sheet and Profit & Loss A/c-Trend Analysis, Comparative Statement & Common Size. 	13
August	<p>Ratio analysis and Interpretation</p> <p>Ratio analysis and Interpretation(based on vertical form of financial statements)including conventional and functional classification restricted to:</p> <p>Balance sheet ratios: Current ratio, Liquid Ratio, Stock Working capital ratio, Proprietary ratio, Debt Equity Ratio, Capital Gearing Ratio.</p> <p>Revenue statement ratios: Gross profit ratio, Expenses ratio, Operating ratio, Net profit ratio, Net Operating Profit Ratio, Stock turnover Ratio, Debtors Turnover , Creditors Turnover Ratio</p> <p>Combined ratios: Return on capital Employed (including Long term borrowings), Return on Proprietors fund (Shareholder fund and Preference Capital), Return on Equity Capital, Dividend Payout Ratio, Debt Service Ratio,</p> <p>Different modes of expressing ratios:-Rate, Ratio, Percentage, Number. Limitations of the use of Ratios.</p>	13
September	<p>Cash flow statement</p> <p>Preparation of cash flow statement(Accounting Standard-3(revised))</p>	14

October	<p>Working capital</p> <p>Working capital-Concept, Estimation of requirements in case of Trading & Manufacturing Organizations.</p> <p>Receivables management-Meaning &Importance, Credit Policy Variables, methods of Credit Evaluation(Traditional and Numerical-Credit Scoring); Monitoring the Debtors Techniques [DSO, Ageing Schedule]</p>	12
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Gangal

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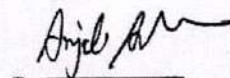
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Name of the Faculty Member: Rajdeep Kamble
Class: : SYBMS
Semester: III
Subject: Strategic Management

Month	Topics to be covered	No of Lectures
July	<ul style="list-style-type: none"> • Business Policy-Meaning, Nature, Importance • Strategy-Meaning, Definition • Strategic Management-Meaning, Definition, Importance, Strategic management Process & Levels of Strategy and Concept and importance of Strategic Business Units (SBU's) • Strategic Intent-Mission, Vision, Goals, Objective, Plans 	12
August	<p>Strategy Formulation</p> <ul style="list-style-type: none"> • Environment Analysis and Scanning(SWOT) • Corporate Level Strategy (Stability, Growth, Retrenchment, Integration and Internationalization) 	12
September	<p>Strategic Implementation</p> <p>Models of Strategy making. Strategic Analysis& Choices &Implementation: BCG Matrix, GE 9Cell, Porter5 Forces, 7S Frame Work Implementation: Meaning, Steps and implementation at Project, Process, Structural, Behavioral, Functional level.</p>	13
October	<p>Strategic Evaluation & Control- Meaning, Steps of Evaluation & Techniques of Control Synergy: Concept, Types, evaluation of Synergy. Synergy as a Component of Strategy & its Relevance. Change Management- Elementary Concept</p>	13



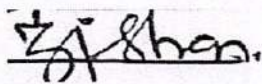
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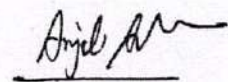
Name of the Faculty Member: Zishan Mukhary
Subject: Cost Accounting

Month	Topics to be covered	No of Lectures
July	<p>Introduction</p> <ul style="list-style-type: none"> • Meaning, Nature and scope-Objective of Cost Accounting-Financial Accounting v/s Cost Accounting- Advantages and disadvantages of Cost Accounting- Elements of Costs-Cost classification (concept only)- - Installation of Cost Accounting System, Process (Simple and Inter process) and Job Costing (Practical Problems) 	13
August	<p>Elements of Cost</p> <ul style="list-style-type: none"> • Material Costing- Stock valuation (FIFO & weighted average method), EOQ, EOQ with discounts, Calculation of Stock levels (Practical Problems) • Labour Costing – (Bonus and Incentive Plans) (Practical Problems) • Overhead Costing (Primary and Secondary Distribution) 	12
September	<p>Cost Projection</p> <ul style="list-style-type: none"> • Cost Sheet (Current and Estimated) • Reconciliation of financial accounts and cost accounting 	14
October	<p>Emerging Cost Concepts</p> <p>Uniform Costing and Interfirm Comparison, Emerging Concepts – Target Costing, Benchmarking, JIT, The Balanced Scorecard; Strategic Based Control; concept, process, implementation of Balanced Scorecard, Challenges in implementation of</p> <p>Balanced Scorecard</p>	13



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Name of the Faculty Member: Nasir Usmani

Subject: Corporate Finance

Month	Topics to be covered	No of Lectures
July	Introduction • Introduction To Corporate Finance: Meaning, Principles of Corporate Finance, Significance of Corporate Finance, Amount of Capitalisation, Over Capitalisation and Under Capitalisation, Fixed capital and Working Capital funds. • Introduction to ownership securities– Ordinary Shares, Reference Shares, Creditor Ship Securities, Debtors and Bonds, Convertible Debentures, Concept of Private Placement of Securities.	13
August	Capital Structure and Leverage • Introduction to Capital Structure theories, EBIT – EPS analysis for Capital Structure decision. • Cost of Capital – Cost of Debt, Cost of Preference Shares, Cost of Equity Shares and Cost of Retained Earnings, Calculation of Weighted Cost of Capital. • Introduction to concept of Leverage - Operating Leverage, Financial Leverage and Combined Leverage.	12
September	Time Value of Money • Introduction to Time Value of Money – compounding and discounting • Introduction to basics of Capital Budgeting (time value of money based methods) – NPV and IRR (Net Present Value and Internal Rate of Return) • Importance of Risk and Return analysis in Corporate Finance	14
October	Mobilisation of Funds Public deposits and RBI regulations, Company deposits and SEBI regulations, Protection of depositors, RBI and public deposits with NBFC's. Foreign capital and collaborations, Foreign direct Investment (FDI) Emerging trends in FDI Global Depository Receipts, Policy development, Capital flows and Equity Debt. Brief introduction & sources of short term Finance Bank Overdraft, Cash Credit, Factoring	13

Nasir

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Jogeshwari (East), Mumbai 400060.**

Department of BMS

Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Meghana Bakraniya

Class: SYBMS

Semester: IV

Subject: Event Marketing

Month	Modules / Units	No of Lectures
Nov/Dec	Introduction to Events	13
	<ul style="list-style-type: none"> • Definition and Meaning of Event Marketing ; The Evolution of Event Marketing, Advantages of Event Marketing, 5 C's of Events- Conceptualization, costing, canvassing, customization, carrying-out; Event Designing; Reach; Interaction- Interaction Points, Direct Interaction, Indirect Interaction, Interaction Catalysts or Enablers. • Importance of Events as a Marketing Communication Tool; Events as a Marketing Tool: The Varied Marketing Needs Addressed by Events: Brand Building, Focus on Target Market, Implementation of Marketing Plan, Marketing Research, Relationship Building, Creating opportunities for better deals with different media, Events and their Economic implications. • Concept of Event Creativity, Key Elements of Events: Event Infrastructure; • Customer Groups; Clients; Event Organizers; Venue; Media 	
December/ January	Segmenting, Targeting and Positioning of Events and Concept of Product in Events	14
	<ul style="list-style-type: none"> • Concept of Market in Events; Segmentation and targeting of the Market for events; Positioning of events-Event Property. • Concept of Product in Events: Benefit Levels-Core, generic, expected, augmented; Categories of Events: Competitive Events, Artistic Expression, Cultural Celebrations, Exhibition Events, Charitable Events ,Special Business Events, Retail Events. •Event Variations- Time Frame Based, Concept Based, Artist Based, Client • Industry Based 	
January	Concept of Pricing and Promotion in Events	13

	<ul style="list-style-type: none"> • Risk Rating, Setting Pricing Objectives, Understanding local legislations and tax laws, Feedback about events from the market, skills required for negotiating the best price, validation against pricing objectives, pricing decisions, Event Charges: Percentage of the total Event Cost, Flat Fee, Package Price, Hourly Rate. • Networking Components: Print Media, Radio, Television, Internet, Outdoor Media, Direct Marketing, Sales Promotion, Public Relations, Merchandising, In-venue Publicity. • Event Sponsorship: Concept of Sponsorship, Sponsorship in a communication context, Synergy between sponsor and Event, Identifying Potential sponsors, • Impact Measurement, Practical Sponsor Incentivization, In-Kind Sponsorship. 	
February	Trends and Challenges in Event Marketing	12
	<ul style="list-style-type: none"> • e-event marketing, Virtual Events, Societal Event Marketing, Green Event, Cause-Related Event Marketing, Sports Event Marketing. • Safety and Security of Event • Event Crisis Management • Growth of Event Industry in India • Career in Event Marketing 	

Meghna

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Name of the Faculty Member: Suryakant Patole

Class: : SYBMS

Semester: IV

Subject: Ethics and Governance

Month	Modules	No. of Lectures
November	Introduction to Ethics and Business Ethics Ethics: Concept of Ethics, Evolution of Ethics, Nature of Ethics- Personal, Professional, Managerial Importance of Ethics, Objectives, Scope, Types – Transactional, Participatory and Recognition • Business Ethics: Meaning, Objectives, Purpose and Scope of Business Ethics Towards Society and Stakeholders, Role of Government in Ensuring Business Ethics Principles of Business Ethics, 3 Cs of Business Ethics – Compliance, Contribution and Consequences Myths about Business Ethics Ethical Performance in Businesses in India	12
December	Ethics in Marketing, Finance and HRM Ethics in Marketing: Ethical issues in Marketing Mix, Unethical Marketing Practices in India, Ethical Dilemmas in Marketing, Ethics in Advertising and Types of Unethical Advertisements • Ethics In Finance: Scope of Ethics in Financial Services, Ethics of a Financial Manager – Legal Issues, Balancing Act and Whistle Blower, Ethics in Taxation, Corporate Crime - White Collar Crime and Organised Crime, Major Corporate Scams in India, Role of SEBI in Ensuring Corporate Governance, Cadbury Committee Report, 1992 • Ethics in Human Resource Management: Importance of Workplace Ethics, Guidelines to Promote Workplace Ethics, Importance of Employee Code of Conduct, Ethical Leadership	12
January	Corporate Governance Concept, History of Corporate Governance in India, Need for Corporate Governance • Significance of Ethics in Corporate Governance, Principles of Corporate Governance, Benefits of Good Governance, Issues in Corporate Governance • Theories- Agency Theory, Shareholder Theory, Stakeholder Theory and Stewardship Theory • Corporate Governance in India, Emerging Trends in Corporate Governance, Models of Corporate Governance, Insider Trading	11
February	Corporate Social Responsibility (CSR) Meaning of CSR, Evolution of CSR, Types of Social Responsibility • Aspects of CSR- Responsibility, Accountability, Sustainability and Social Contract • Need for CSR • CSR Principles and Strategies • Issues in CSR • Social Accounting • Tata Group's CSR Rating Framework • Sachar Committee Report on CSR • Ethical Issues in International Business Practices • Recent Guidelines in CSR • Society's Changing Expectations of Business With Respect to Globalisation • Future of CSR	11

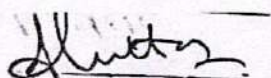

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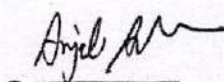

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Name of the Faculty Member: Dr Ashwin Mehta
Class: : SYBMS
Semester: IV
Subject: Information Technology in Business Management-II

Month	Topics to be covered	No of Lectures
November	Management Information System Overview of MIS Definition, Characteristics • Subsystems of MIS (Activity and Functional subsystems) • Structure of MIS	12
December	ERP/E-SCM/E-CRM Concepts of ERP • Architecture of ERP Generic modules of ERP • Applications of ERP	16
January	Introduction to Data base and Data warehouse	14
February	Outsourcing	16



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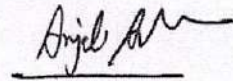


Name of the Faculty Member: Rajdeep Kamble
Class: SYBMS
Semester: IV
Subject: Business Economics-IV

Month	Topics to be covered	No of Lectures
November	Introduction to Macro economic Data and Theory • Macroeconomics: Meaning, Scope and Importance. • Circular flow of aggregate income and expenditure: closed and open economy models	12
December	Money, Inflation and Monetary Policy • Money Supply: Determinants of Money Supply - Factors influencing Velocity of Circulation of Money • Demand for Money	16
January	Constituents of Fiscal Policy	14
February	Open Economy : Theory and Issues of International Trade • The basis of international trade	16



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Name of the Faculty Member: Shraddha Jadhav

Class: : SYBMS

Semester: IV

Subject: Business Research Methods

Month	Topics to be covered	No of Lectures
November	Introduction to business research methods Types of research– a)Pure, Basic and Fundamental b) Applied, c)Empirical d) Scientific & Social e)Historical f) Exploratory g) Descriptive h)Causal • Concepts	12
December	<ul style="list-style-type: none">• Types of data and sources-Primary and Secondary data sources• Methods of collection of primary data<ul style="list-style-type: none">a) Observation- i)structured and unstructured, ii) disguised and undisguised, iii)mechanical observations (use of gadgets)b) Experimental i)Field ii) Laboratoryc) Interview – i) Personal Interview ii)focused group, iii) in- depth interviews - Method,d) Survey– Telephonic survey, Mail, E-mail, Internet survey, Social media, and Media listening.e) Survey instrument– i) Questionnaire designing.f) Types of questions– i) structured/ close ended and ii) unstructured/ open ended, iii) Dicotomous, iv) Multiple Choice Questions.f) Scaling techniques-i) Likert scale, ii) Semantic Differential scale	16
January	Data analysis and Interpretation <ul style="list-style-type: none">• Processing of data– i) Editing- field and office editing, ii)coding– meaning and essentials, iii) tabulation – note• Analysis of data-Meaning, Purpose, types.	14

February	<p>Advanced techniques in Report Writing</p> <ul style="list-style-type: none"> • Report writing – i) Meaning , importance, functions of reports, essential of a good report, content of report , steps in writing a report, types of reports, <p>Footnotes and Bibliography</p> <ul style="list-style-type: none"> • Ethics and research • Objectivity, Confidentiality and anonymity in Research • Plagiarism 	<p>14</p>
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Badhav

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Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Nitin Gangal
Class: : SYBMS
Semester: IV
Subject: Production & Total Quality Management

Month	Topics to be covered	No of Lectures
November	Production Management • Objectives, Components– Manufacturing systems: Intermittent and Continuous Production Systems. • Product Development, Classification and Product Design. • Plant location & Plant layout– Objectives, Principles of good product layout, types of layout. • Importance of purchase management	12
December	Materials Management	16
January	Basics Of Productivity & TQM: Concepts of Productivity, modes of calculating productivity. Importance Of Quality Management, factors affecting quality; TQM– concept and importance, Cost of Quality, Philosophies and Approaches To Quality: Edward Deming, J. Juran, Kaizen , P. Crosby’s philosophy. • Product & Service Quality Dimensions, SERVQUAL	14
February	Quality Improvement Strategies & Certifications	16

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	<ul style="list-style-type: none"> • Risk Rating, Setting Pricing Objectives, Understanding local legislations and tax laws, Feedback about events from the market, skills required for negotiating the best price, validation against pricing objectives, pricing decisions, Event Charges: Percentage of the total Event Cost, Flat Fee, Package Price, Hourly Rate. • Networking Components: Print Media, Radio, Television, Internet, Outdoor Media, Direct Marketing, Sales Promotion, Public Relations, Merchandising, In-venue Publicity. • Event Sponsorship: Concept of Sponsorship, Sponsorship in a communication context, Synergy between sponsor and Event, Identifying Potential sponsors, • Impact Measurement, Practical Sponsor Incentivization, In-Kind Sponsorship. 	
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Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Shifa Saadan

Class : SYBMS

Semester: IV

Subject: Ethics and Governance

Month	Modules	No. of Lectures
November	Introduction to Ethics and Business Ethics Ethics: Concept of Ethics, Evolution of Ethics, Nature of Ethics- Personal, Professional, Managerial Importance of Ethics, Objectives, Scope, Types – Transactional, Participatory and Recognition • Business Ethics: Meaning, Objectives, Purpose and Scope of Business Ethics Towards Society and Stakeholders, Role of Government in Ensuring Business Ethics Principles of Business Ethics, 3 Cs of Business Ethics – Compliance, Contribution and Consequences Myths about Business Ethics Ethical Performance in Businesses in India	12
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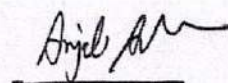
Government of Maharashtra's
Ismail Yussif College of
Arts, Science & Commerce,
Jogeshwari (East), Mumbai-400060.

Name of the Faculty Member: Suryakant Patole
Class: : SYBMS
Semester: IV
Subject: Information Technology in Business Management-II

Month	Topics to be covered	No of Lectures
November	Management Information System Overview of MIS Definition, Characteristics • Subsystems of MIS (Activity and Functional subsystems) • Structure of MIS	12
December	ERP/E-SCM/E-CRM Concepts of ERP • Architecture of ERP Generic modules of ERP • Applications of ERP	16
January	Introduction to Data base and Data warehouse	14
February	Outsourcing	16



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Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Rajdeep Kamble

Class: SYBMS

Semester: IV

Subject: Business Economics-IV

Month	Topics to be covered	No of Lectures
November	Introduction to Macro economic Data and Theory • Macroeconomics: Meaning, Scope and Importance. • Circular flow of aggregate income and expenditure: closed and open economy models	12
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February	Open Economy : Theory and Issues of International Trade • The basis of international trade	16

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Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Shraddha Jadhav

Class: : SYBMS

Semester: IV

Subject: Business Research Methods

Month	Topics to be covered	No of Lectures
November	Introduction to business research methods Types of research– a)Pure, Basic and Fundamental b) Applied, c)Empirical d) Scientific & Social e)Historical f) Exploratory g) Descriptive h)Causal • Concepts	12
December	<ul style="list-style-type: none">• Types of data and sources-Primary and Secondary data sources• Methods of collection of primary data<ul style="list-style-type: none">a) Observation- i)structured and unstructured, ii) disguised and undisguised, iii)mechanical observations (use of gadgets)b) Experimental i)Field ii) Laboratoryc) Interview – i) Personal Interview ii)focused group, iii) in- depth interviews - Method,d) Survey– Telephonic survey, Mail, E-mail, Internet survey, Social media, and Media listening.e) Survey instrument– i) Questionnaire designing.f) Types of questions– i) structured/ close ended and ii) unstructured/ open ended, iii) Dicotomous, iv) Multiple Choice Questions.f) Scaling techniques-i) Likert scale, ii) Semantic Differential scale	16
January	Data analysis and Interpretation <ul style="list-style-type: none">• Processing of data– i) Editing- field and office editing, ii)coding– meaning and essentials, iii) tabulation – note• Analysis of data-Meaning, Purpose, types.	14

February	<p>Advanced techniques in Report Writing</p> <ul style="list-style-type: none"> • Report writing – i) Meaning , importance, functions of reports, essential of a good report, content of report , steps in writing a report, types of reports, <p>Footnotes and Bibliography</p> <ul style="list-style-type: none"> • Ethics and research • Objectivity, Confidentiality and anonymity in Research • Plagiarism 	14
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Shadav
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Aijel

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Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Nitin Gangal
Class: : SYBMS
Semester: IV
Subject: Production & Total Quality Management

Month	Topics to be covered	No of Lectures
November	Production Management • Objectives, Components– Manufacturing systems: Intermittent and Continuous Production Systems. • Product Development, Classification and Product Design. • Plant location & Plant layout– Objectives, Principles of good product layout, types of layout. • Importance of purchase management	12
December	Materials Management	16
January	Basics Of Productivity & TQM: Concepts of Productivity, modes of calculating productivity. Importance Of Quality Management, factors affecting quality; TQM– concept and importance, Cost of Quality, Philosophies and Approaches To Quality: Edward Deming, J. Juran, Kaizen , P. Crosby's philosophy. • Product & Service Quality Dimensions, SERVQUAL	14
February	Quality Improvement Strategies & Certifications	16

Gangal

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Ajil

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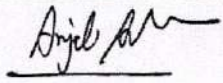
Department of BMS

Teaching Plan for Academic Year 2022-23

**Name of the Faculty Member: Pratiksha Gurav
Subject: Investment Analysis and Portfolio Management**

Month	Topics to be Covered	Number of lectures
June	Introduction to Investment Environment a) Introduction to Investment Environment b) Capital Market in India	12
July	Risk - Return Relationship • Meaning, Types of Risk- Systematic and Unsystematic risk, Measurement of Beta Standard Deviation	15
August	Portfolio Management and Security Analysis a) Portfolio Management: b) Security Analysis: • Fundamental Analysis	14
September	Theories, Capital Asset Pricing Model and Portfolio Performance Measurement a) Theories: • Dow Jones Theory • Assumptions of CAPM c) Portfolio Performance Measurement	15


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Name of the Faculty Member: Yash Surve
Subject: Risk Management

Month	Topics to be Covered	Number of lectures
June	<p>a) Introduction, Risk Measurement and Control Definition, Risk Process, Risk Organization, Key Risks –Interest, Market, Credit, Currency, Liquidity, Legal, Operational Risk Management V/s Risk Measurement – Managing Risk, Diversification, Investment Strategies and Introduction to Quantitative Risk Measurement and its Limitations Principals of Risk - Alpha, Beta, R squared, Standard Deviation, Risk Exposure Analysis, Risk Immunization, Risk and Summary Measures –Simulation Method, Duration Analysis, Linear and other Statistical Techniques for Internal Control</p>	13
July	<p>Risk Avoidance and ERM a) Risk Hedging Instruments and Mechanism: Forwards, Futures, Options, Swaps and Arbitrage Techniques, Risk Return</p>	13
August	<p>Risk Governance and Assurance a) Risk Governance: Importance and Scope of Risk Governance, Risk and Three Lines of Defense, Risk Management and Corporate Governance b) Risk Assurance: Purpose and Sources of Risk Assurance, Nature of Risk Assurance, Reports and Challenges of Risk c) Risk and Stakeholders Expectations:</p>	14
September	<p>Risk Management in Insurance a) Insurance Industry: Global Perspective, Regulatory Framework in India, IRDA - Reforms, Powers, Functions and Duties. Role and Importance of Actuary b) Players of Insurance Business: Life and Non- Life Insurance, Reinsurance, Bancassurance, Alternative Risk Trance, Insurance Securitization, Pricing of Insurance products</p>	14

Yash Surve

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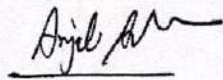
Anil

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 Government of Maharashtra's
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 Arts, Sci
 Jodhpur
 400 060

Name of the Faculty Member: Nasir Usmani
Class: TYBMS
Semester: V
Subject: Financial Accounting

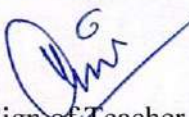
Month	Topics to be Covered	No. of Lectures
June	Preparation of Final Accounts of Companies Relevant provisions of Companies Act related to preparation of Final Accounts (excluding cash flow statement) Preparation of financial statements as per Companies Act (excluding cash flow statement) AS 1 in relation to final accounts of companies (disclosure of accounting policies)	14
July	Underwriting of Shares & Debentures Introduction, Underwriting, Underwriting Commission Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to Issues Types of underwriting, Abatement Clause Marked, Unmarked and Firm-underwriting applications, Liability of the underwriters in respect of underwriting contract- Practical problems	15
August	Accounting of Transactions of Foreign Currency In relation to purchase and sale of goods, services, assets, loan and credit transactions. Computation and treatment of exchange rate differences.	13
September	Investment Accounting (w.r.t. Accounting Standard- 13) For shares (variable income bearing securities) For Debentures/Preference shares (fixed income bearing securities) Accounting for transactions of purchase and sale of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method (Excl. brokerage). Columnar format for investment account.	14
October	Ethical Behaviour and Implications for Accountants	12

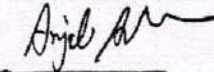

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Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Hasina Panwar
Class: TYBMS
Semester: V
Subject: Direct Taxes

Month	Topics to be Covered	No. of Lectures
June	Basic Terms (S. 2,3,4) Assessee, Assessment, Assessment Year, Annual Value, Business, Capital Assets, Income, Previous Year, Person, Transfer. Determination of Residential Status of Individual, Scope of Total Income (S.5)	08
July	Salary (S.15-17) Income from House Property (S. 22-27) Profit & Gain from Business and Profession(S. 28, 30,31,32, 35, 35D,36,37, 40, 40A and 43B)	12
August	Capital Gain (S. 45, 48, 49, 50 and 54) Income from other sources (S.56- 59) Exclusions from Total Income (S.10) (Exclusions related to specified heads to be covered with relevant heads of income)	10
September	Deductions from Total Income S. 80C, 80CCC, 80D, 80DD, 80E, 80U, 80TTA	10
October	Computation of Total Income and Taxable Income of Individuals	2


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Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Samrah Shaikh
Class: TYBMS
Semester: V
Subject: Service Marketing

Month	Topics to be Covered	No. of Lectures
June	Role of Services in Modern Economy, Services Marketing Environment <ul style="list-style-type: none">• Goods vs Services Marketing, Goods Services Continuum• Consumer Behaviour, Positioning a Service in the MarketPlace• Variations in Customer Involvement, Impact of Service Recovery Efforts on Consumer Loyalty	08
July	Process-Service Mapping- Flowcharting <ul style="list-style-type: none">• Branding of Services – Problems and Solutions• Options for Service Delivery	12
August	The SERVQUAL Model <ul style="list-style-type: none">• Defining Productivity – Improving Productivity• Demand and Capacity Alignment	10
September	International and Global Strategies in Services Marketing: Services in the Global Economy- Moving from Domestic to Transnational Marketing <ul style="list-style-type: none">• Factors Favouring Transnational Strategy• Elements of Transnational Strategy• Recent Trends in Marketing Of Services	10

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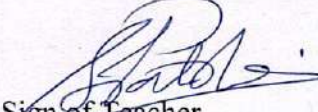
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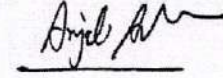
Government of Maharashtra's
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Arts, Science & Commerce.
Jogeshwari (East), Mumbai -400 060.

Name of the Faculty Member: Suryakant Patole
Class: TYBMS
Semester: V
Subject: E-Commerce and Digital Marketing

Month	Topics to be Covered	Number of lectures
June	Introduction to E-commerce • Ecommerce- Meaning, Features of E-commerce, Categories of E-commerce, Advantages & Limitations of E-Commerce, Traditional Commerce vs E-Commerce • Ecommerce Environmental Factors: Economic, Technological, Legal , Cultural & Social Trends in M-Commerce	12
July	E-Business & Applications • E-Business: Meaning, Launching an E-Business, • Important Concepts in E-Business: Data Warehouse, Customer Relationship Management , Supply Chain Management, Enterprise Resource Planning • Bricks and Clicks business models in E-Business:	16
August	Payment, Security, Privacy & Legal Issues in E-Commerce • Issues Relating to Privacy and Security in E-Business • Electronic Payment Systems: • Payment Gateway: • Types of Transaction Security • E-Commerce Laws:	14
September	Digital Marketing • Introduction to Digital Marketing, Advantages and Limitations of Digital Marketing. • Digital Marketing on various Social Media platforms. • Online Advertisement, Online Marketing Research, Online PR • Web Analytics • Promoting Web Traffic • Latest developments and Strategies	16


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Name of the Faculty Member: Reshma Khan

Class: TYBMS

Semester: V

Subject: Sales and Distribution Management

Month	Topics to be Covered	Number of lectures
June	a) Sales Management: <ul style="list-style-type: none">• Interface of Sales with Other Management Functions• Qualities of a Sales Manager• Structure of Sales Organization b) Distribution Management: c) Integration of Marketing, Sales and Distribution	06
July	a) Market Analysis: <ul style="list-style-type: none">• Market Analysis and Sales Forecasting, MetCo ordinator of Sales b) Selling: <ul style="list-style-type: none">• Process of Selling, MetCo ordinator of Closing a Sale, Reasons for Unsuccessful Closing• Theories of Selling• Selling Skills –• Selling Strategies	12
August	Management of Distribution Channel – Meaning & Need <ul style="list-style-type: none">• Channel Partners-• Choice of Distribution System• Factors Affecting Distribution• Factors Affecting Effective Management Of Distribution Resolution of Conflicts: MetCo ordinator Motivating Channel Members Selecting Channel Partners Evaluating Channels	16

September	Performance Evaluation, Ethics and Trends a) Evaluation & Control of Sales Performance: b) Measuring Distribution Channel Performance: c) Ethics in Sales Management d) New Trends in Sales and Distribution Management	12
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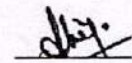
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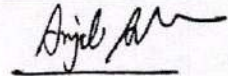
Name of the Faculty Member: Shifa Saadan
Class: TYBMS
Semester: V
Subject: Customer Relationship Management

Month	Topics to be Covered	No. of Lectures
June	CRM concepts, Benefits and Objectives, Customer profitability segment, Components of CRM, Relationship Marketing, Service level agreements. Relationship challenges.	16.
July	CRM Marketing Initiatives, CRM and Customer service, Call Centre operations, Call scripting, Web based service, Call scripting, CRM and data Management. OLAP .Click stream analysis, data reporting.	16
August	Understanding customers, value, Profit chain, loyalty, Objectives of CRM strategy, Planning and implementation of CRM, B 2 B CRM, Sales and CRM, Sales force automation,	16
September	CRM Evaluation , service quality, Customer Customer satisfaction, Company 3E measures, e -CRM, software application for CRM, Activity Management, Inbound communication Management. Social Networking and CRM	16



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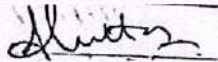


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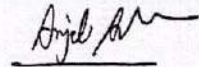
Name of the Faculty Member: Dr. Ashwin Mehta
Class: TYBMS
Semester: V
Subject: Logistics & SCM

Month	Topics to be Covered	No. of Lectures
June	Subject introduction. Ch 1: Introduction to Logistics Ch 2: Introduction to SCM	8
July	Ch 3: Customer service Ch 6: Warehousing Ch 9: Inventory Management	16
August	Ch 5: Transportation Ch 11: Performance measurement in supply chain Ch 10: Logistics costing	12
September	Ch 8: Packaging Ch 7: Material Handling Ch 4: Demand forecasting Ch 15: Logistics outsourcing	12
October	Ch 12: Logistics network design Ch 13: IT in logistics Ch 14: Modern logistics infrastructure Ch 16: Logistics in global environment	12



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Name of the Faculty Member: Sumaiya Khan
Class: TYBMS
Semester: V
Subject: Corporate Communication and Public Relations

Month	Topics to be covered	No of Lectures
June/July	a) Corporate Communication: Scope and Relevance b) Keys concept in Corporate Communication c) Ethics and Law in Corporate Communication	13
July	a) Fundamental of Public Relations: b) Emergence of Public Relations: c) Public Relations Environment: d) Theories used in Public Relations	12
August	a) Media Relations: b) Employee Communication: c) Crisis Communication: d) Financial Communication	10
September/October	a) Contribution of Technology to Corporate Communication b) Information Technology in Corporate Communication c) Corporate Blogging	12

Sumaiya

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Department of BMS

Teaching Plan for Academic Year 2022-23

Class: TYBMS

Semester: VI

Subject: Brand Management

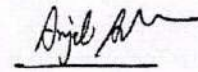
Name of the Faculty Member: Rajdeep Kamble

Month	Topics to be covered	No of Lectures
January	<p>Introduction to Brand Management:</p> <p>Meaning of Brand, Branding, Brand Management, Importance of Branding to Consumers, Firms, Brands v/s Products, Scope of Branding, Branding Challenges and Opportunities, Strategic Brand Management Process, Customer Based Brand Equity model (CBBE), Sources of Brand Equity, Steps of Brand</p>	10
February	<p>a) Planning and Implementing Brand Marketing Programs:</p> <p>Brand Elements: Meaning, Criteria for choosing Brand Elements, Types of Brand Elements Integrating Marketing Programs and Activities</p> <p>Personalising Marketing: Experiential Marketing, One to One Marketing, Permission Marketing, Product Strategy: Perceived Quality and Relationship Marketing, Pricing Strategy: Setting Prices to Build Brand Equity, Channel Strategy: Direct, Indirect Channels</p>	12
March	<p>Measuring and Interpreting Brand Performance</p> <p>a) The Brand Value Chain</p> <p>b) Measuring Sources of Brand Equity:</p> <p>Qualitative Research Techniques: Projective Techniques: Completion, Comparison, Brand Personality and Values: The Big Five, Free Association</p> <p>Quantitative Research Techniques: Brand Awareness: Recognition, Recall, Brand Image, Brand Responses</p> <p>c) Young and Rubicam's Brand Asset Valuator</p>	16
April	<p>Growing and Sustaining Brand Equity</p> <p>a) Designing & Implementing Branding Strategies:</p>	12

Brand Architecture: Meaning of Brand Architecture, The Brand-Product
Matri,
Breadth of a Branding Strategy, Depth of a Branding Strategy
Brand Hierarchy: Meaning of Brand Hierarchy, Building Equity at Different
Hierarchy Levels
Cause Marketing to Build Brand Equity: Meaning of Cause Marketing,
Advantages, Green Marketing



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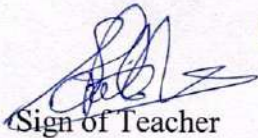
Name of the Faculty Member: Suryakant Patole

Class: TYBMS

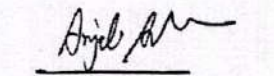
Semester: VI

Subject: International Marketing

Month	Topics to be covered	No of Lectures
January	Introduction to International Marketing & Trade Features of International Marketing, Need and Drivers of International Marketing Concept of International Trade, Barriers to Trade: Tariff and Non Tariff, Trading Blocs : SAARC, ASEAN, NAFTA, EU, OPEC	10
February	International Marketing Environment and Marketing Research a) International Marketing Environment: b) Marketing Research:	12
March	International Marketing Mix a) International Product Decision b) International Pricing Decision: c) International Distribution Decisions d) International Promotion Decisions	16
April	Developments in International Marketing Introduction -Developing International Marketing Plan: a) International strategies: b) International Marketing of Services	12


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Name of the Faculty Member: Sumaiya Khan

Class: TYBMS

Semester: VI

Subject: Media Planning and Management

Month	Topics to be covered	No of Lectures
December	a) Overview of Media and Media Planning: b) Media Research	11
January	Media Mix and Media Strategy a) Media Mix b) Media Choices c) Emerging Media d) Media Strategy	12
February	Media Budgeting, Buying & Scheduling Media a) Budget b) Media Buying c) Media Scheduling	16
March/April	Developments in International Marketing a) Media Measurement b) Benchmarking Metrics c) Plan Metrics d) Evaluating Media Buys	12

Sumaiya

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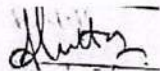
Name of the Faculty Member: Dr. Ashwin Mehta

Class: TYBMS

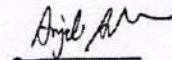
Semester: VI

Subject: Operational Research

Month	Topics to be covered	No of Lectures
December	a) Introduction To Operations Research b) Linear Programming Problems: Introduction and Formulation c) Linear Programming Problems: Graphical Method d) Linear Programming Problems: Simplex Method	12
January	Assignment Problem – Hungarian Method Transportation Problems	12
February	Critical Path Method (CPM) Project Crashing Program Evaluation and Review Technique (PERT)	13
March/April	Decision Theory Job Sequencing Problem Theory of Games	12



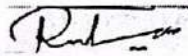
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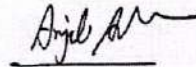
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Name of the Faculty Member: Reshma Khan
Subject: Retail Management

Month	Topics to be covered	No of Lectures
January	Retail Management- An overview a) Retail Management b) Retail Formats c) Emerging Trends in Retailing	13
February	Retail Consumer and Retail Strategy a) Retail Consumer/Shopper b) CRM in Retail c) Retail Strategy d) Store Location Selection e) HRM in Retail	14
March	Merchandise Management and Pricing a) Merchandise Management b) Buying Function c) Concept of Lifestyle Merchandising	12
April	Managing and Sustaining Retail a) Retail Store Operations b) Store Design and Layout c) Visual Merchandising and Display d) Mall Management	13



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Subject: Investment Analysis & Portfolio Management

Name of the Faculty Member: Pratiksha Gurav

Month	Topics to be covered	No of Lectures
August	Introduction to Investment Environment a) Introduction to Investment Environment Introduction, Investment Process, Criteria for Investment, Types of Investors, Investment V/s Speculation V/s Gambling, Investment Avenues, Factors Influencing Selection of Investment Alternatives b) Capital Market in India Introduction, Concepts of Investment Banks its Role and Functions, Stock Market Index, The NASDAQ, SDL, NSDL, Benefits of Depository Settlement, Online Share Trading and its Advantages, Concepts of Small cap, Large cap, Midcap and Penny stocks	13
September	Risk - Return Relationship a) Meaning, Types of Risk- Systematic and Unsystematic risk, Measurement of Beta, Standard Deviation, Variance, Reduction of Risk through Diversification. Practical Problems on Calculation of Standard Deviation, Variance and Beta.	14
October	Portfolio Management and Security Analysis a) Portfolio Management: Meaning and Concept, Portfolio Management Process, Objectives, Basic Principles, Factors affecting Investment Decisions in Portfolio Management, Portfolio Strategy Mix. b) Security Analysis: Fundamental Analysis, Economic Analysis, Industry Analysis, Company Analysis, Technical Analysis - Basic Principles of Technical Analysis., Uses of Charts: Line Chart, Bar Chart, Candlestick Chart, Mathematical Indicators: Moving Averages, Oscillators.	13
December	Theories, Capital Asset Pricing Model and Portfolio Performance Measurement a) Theories: Dow Jones Theory, Elloit Wave Theory, Efficient Market Theory b) Capital Asset Pricing Model: Assumptions of CAPM, CAPM Equation, Capital Market Line, Security Market Line c) Portfolio Performance Measurement: Meaning of Portfolio Evaluation, Sharpe's Ratio (Basic Problems), Treynor's Ratio (Basic Problems), Jensen's Differential Returns (Basic Problems)	15

Pratiksha Gurav

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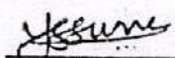


Arjun

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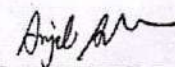
Subject: Risk Management
Name of the Faculty Member: Yash Surve

Month	Topics to be covered	No of Lectures
August	Introduction, Risk Measurement and Control a) Introduction, Risk Measurement and Control Definition, Risk Process, Risk Organization, Key Risks –Interest, Market, Credit Currency, Liquidity, Legal, Operational Risk Management V/s Risk Measurement – Managing Risk, Diversification Investment Strategies and Introduction to Quantitative Risk Measurement an its Limitations Principals of Risk - Alpha, Beta, R squared, Standard Deviation, Risk Exposure Analysis, Risk Immunization, Risk and Summary Measures – Simulation Method Duration Analysis, Linear and other Statistical Techniques for Internal Control	14
September	Risk Avoidance and ERM a) Risk Hedging Instruments and Mechanism: Forwards, Futures, Options, Swaps and Arbitrage Techniques, Risk Return Trade off, Markowitz Risk Return Model, Arbitrage Theory, System Audit Significance in Risk Mitigation b) Enterprise Risk Management: Risk Management V/s Enterprise Risk Management, Integrated Enterprise Risk Management, ERM Framework, ERM Process, ERM Matrix, SWOT Analysis, Sample Risk Register	13
October	Risk Governance and Assurance a) Risk Governance: Importance and Scope of Risk Governance, Risk and Three Lines of Defense, Risk Management and Corporate Governance b) Risk Assurance: Purpose and Sources of Risk Assurance, Nature of Risk Assurance, Reports and Challenges of Risk c) Risk and Stakeholders Expectations: Identifying the Range of Stakeholders and Responding to Stakeholders Expectations	14
December	Risk Management in Insurance a) Insurance Industry: Global Perspective, Regulatory Framework in India, IRDA - Reforms, Powers, Functions and Duties. Role and Importance of Actuary b) Players of Insurance Business: Life and Non- Life Insurance, Reinsurance, Bancassurance, Alternative Risk Trance, Insurance Securitization, Pricing of Insurance products, Expected Claim Costs, Risk Classification c) Claim Management: General Guidelines, Life Insurance, Maturity, Death, Fire, Marine, Motor Insurance and Calculation of Discounted Expected Claim Cost and Fair Premium	15



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Subject: Financial Accounting
Name of the Faculty Member: Nasir Usmani

Month	Topics to be covered	No of Lectures
July/August	Preparation of Final Accounts of Companies Relevant provisions of Companies Act related to preparation of Final Accounts (excluding cash flow statement) Preparation of financial statements as per Companies Act (excluding cash flow statement) AS 1 in relation to final accounts of companies (disclosure of accounting policies)	13
September	Underwriting of Shares & Debentures Introduction, Underwriting, Underwriting Commission Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to Issues Types of underwriting, Abatement Clause Marked, Unmarked and Firm-underwriting applications, Liability of the underwriters in respect of underwriting contract- Practical problems	11
October	Accounting of Transactions of Foreign Currency In relation to purchase and sale of goods, services, assets, loan and credit transactions. Computation and treatment of exchange rate differences.	13
December	Investment Accounting (w.r.t. Accounting Standard- 13) For shares (variable income bearing securities) For Debentures/Preference shares (fixed income bearing securities) Accounting for transactions of purchase and sale of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method (Excl. brokerage). Columnar format for investment account.	7
December	Ethical Behaviour and Implications for Accountants. Introduction, Meaning of ethical behavior Financial Reports – link between law, corporate governance, corporate social responsibility and ethics. Need of ethical behavior in accounting profession. Implications of ethical values for the principles versus rule based approaches to accounting standards	5

Nasir

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Ajmal

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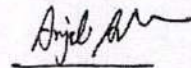
Subject: Direct Taxes

Name of the Faculty Member: Hasina Panwar

Month	Topics to be covered	No of Lectures
July/August	Definitions and Residential Status Basic Terms (S. 2,3,4) Assessee, Assessment, Assessment Year, Annual Value, Business, Capital Assets, Income, Previous Year, Person, Transfer. Determination of Residential Status of Individual, Scope of Total Income (S.5)	13
September	Heads of Income – I Salary (S.15-17) Income from House Property (S. 22-27) Profit & Gain from Business and Profession(S. 28, 30,31,32, 35, 35D,36,37, 40, 40A and 43B)	11
October	Heads of Income – II Capital Gain (S. 45, 48, 49, 50 and 54) Income from other sources (S.56- 59) Exclusions from Total Income (S.10)	13
December	Deductions under Chapter VI A Deductions from Total Income S. 80C, 80CCC, 80D, 80DD, 80E, 80U, 80TTA	7
December	Computation of Taxable Income of Individuals Computation of Total Income and Taxable Income of Individuals	5



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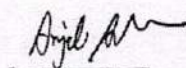
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Subject: Indirect Taxes
Name of the Faculty Member: Hasina Panwar

Month	Topics to be covered	No of Lectures
Dec/January	Introduction to Indirect Taxation and GST Basics for Taxation, Introduction to GST, Definitions, Levy and Collection of GST	08
February/ March	Concept of Supply Taxable Event Supply, Place of Supply, Time of Supply, Value of Supply	17
March/ April	Registration and Computation of GST Registration, Computation of GST, Payment of Tax-	16
April	Filing of Returns A. Documentation- Tax Invoices (Sec 31 and 32 of the Act), Credit and Debit notes(Sec 34 of the Act), Electronic Way Bill B. Returns –Types of Returns and Provisions relating to filing of Returns (Sec 37 to Sec 48 of the Act)	04



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Subject: Strategic Financial Management
Name of the Faculty Member: Nasir Usmani

Month	Topics to be covered	No of Lectures
Dec/January	<p>Dividend Decision and XBRL</p> <p>a) Dividend Decision: Meaning and Forms of Dividend, Dividend-Modigliani and Miller's Approach, Walter Model, Gordon Model, Factors determining Dividend Policy, Types of Dividend Policy</p> <p>b) XBRL: Introduction, Advantages and Disadvantages, Features and Users</p>	13
February	<p>Capital Budgeting and Capital Rationing</p> <p>a) Capital Budgeting: Risk and Uncertainty in Capital Budgeting, Risk Adjusted Cut off Rate, Certainty Equivalent Method, Sensitivity Technique, Probability Technique, Standard Deviation Method, Co-efficient of Variation Method, Decision Tree Analysis, Construction of Decision Tree.</p> <p>b) Capital Rationing: Meaning, Advantages, Disadvantages, Practical Problems</p>	14
March	<p>Shareholder Value and Corporate Governance/ Corporate Restructuring</p> <p>a) Shareholder Value and Corporate Governance: Financial Goals and Strategy, Shareholder Value Creation: EVA and MVA Approach, Theories of Corporate Governance, Practices of Corporate Governance in India</p> <p>b) Corporate Restructuring: Meaning, Types, Limitations of Merger, Amalgamation, Acquisition, Takeover, Determination of Firm's Value, Effect of Merger on EPS and MPS, Pre Merger and Post Merger Impact.</p>	12
April	<p>Financial Management in Banking Sector and Working Capital Financing</p> <p>a) Financial Management in Banking Sector: An Introduction, Classification of Investments, NPA & their Provisioning, Classes of Advances, Capital Adequacy Norms, Rebate on Bill Discounting, Treatment of Interest on Advances</p> <p>b) Working Capital Financing: Maximum Permissible Bank Finance (Tandon Committee), Cost of issuing Commercial Paper and Trade Credit, Matching Approach, Aggressive Approach, Conservative Approach</p>	14

Nasir

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Arif

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Subject: International Finance
Name of the Faculty Member: Zishan Mukhary

Month	Topics to be covered	No of Lectures
Dec/January	Fundamentals of International Finance Introduction to International Finance Balance of Payment International Monetary Systems An introduction to Exchange Rates	13
February	Foreign Exchange Markets, Exchange Rate Determination & Currency Derivatives Foreign Exchange Markets International Parity Relationships & Foreign Exchange Rate Currency & Interest Rate Futures	14
March	World Financial Markets & Institutions & Risks Euro Currency Bond Markets International Equity Markets & Investments International Foreign Exchange Markets International Capital Budgeting	13
April	Foreign Exchange Risk, Appraisal & Tax Management Foreign Exchange Risk Management International Tax Environment International Project Appraisal	12

Zishan

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Arjun

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Subject: Innovative Financial Services
Name of the Faculty Member: Pratiksha Gurav

Month	Topics to be covered	No of Lectures
Dec/January	Introduction to Financial Service Financial Services Factoring and Forfaiting Bill Discounting:	13
February	Issue management and securitization Issue Management and Intermediaries Stock Broking Securitization	14
March	Financial Services and its mechanism Lease and Hire-Purchase Housing Finance Venture Capital	14
April	Consumer Finance and credit rating Consumer Finance Plastic Money Credit Rating	12

Pratiksha Gurav

Sign of Teacher



Ajib

Sign of Coordinator

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PRINCIPAL
 Government of Maharashtra's
 Ismail Yusuf College of
 Arts, Science & Commerce.
 Jogeshwari (East), Mumbai - 400 060

Semester wise Plan

Name of the Teacher : _____

Sem : II

Class : 2022 FXBT

Subject : Fundament of Biotechnology - II (201)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Food Biotechnology	Introduction to food biotechnology, Introduction to unit operations and Processes, Methods of food vaccines
December	15	15	Medical Biotechnology	Gene therapy Organ transplant cloning Stem cells.
January	15	15	Genetic engineering	Enzymes in genetic engineering, various Host cells, recombinant clones
February	15	15		
March				
April				

Signature of Teacher




 Signature
 Head of Department

Govt. of Mah's Ismail Yusuf College
 Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher Mee

Sem : II

Class 2022 FYBT

Subject Cell Biology & Microbiology (202)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Topics to be covered	Key points of topic
June	15	15	ultrastructure of prokaryotic and eukaryotic cell	ultrastructure of prokaryotic cell, ultrastructure of cell wall Bacterial Structure
July	15	15	Microbiology	microbial growth enumeration of micro-organism Maintainence of culture
August	15	10	Virology	Introduction to virology general characteristic of viruses
September	5	5	Viral	Viral multiplication taxonomy of viruses Isolation cultivation and identification of viruses.
October				

Signature of Teacher



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Signature

Head of Department
Co-ordinator

Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : _____

Sem : II

Class : 2022 FYBT


Subject : Basic Chemistry - II
(203)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Thermodynamics	Thermodynamics Laws of Thermodynamics Concept of entropy
December	15	15	Chemical Kinetics	Reaction kinetics Integration method Ostwald's Isolation method
January	15	15	Oxidation Reduction Reactions	Principles of oxidation & Reduction Balancing Redox reactions.
February				
March				
April				

Signature of Teacher




 Signature
 Head of Department
 Dept. of Biotechnology
 Govt. of Mah's Ismail Yusuf College
 Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : _____

Sem _____

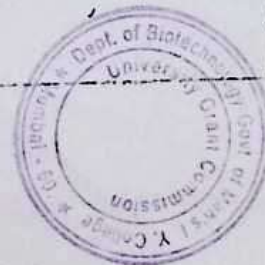
Class FYBT- 2022

Subject Bio chemistry (204)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Topics to be covered	Key points of topic
June	15	15	Proteins and Amino acids.	Amino acids, classification of proteins, Peptide bond Protein Denaturation and folding.
July	15	15	Enzymes.	Introduction to biocatalysts Enzyme Kinetics Isoenzymes Industrial application.
August	15	15	Basic analytical techniques.	Methods of Separation chromatography Spectroscopy - colorimetry Electrophoresis.
September				
October				

Signature of Teacher



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 Signature
 Co-ordinator
 Head of Department
 Dept. of Biochemistry
 Govt. of Mahatma Jyotiba Phule College
 Jogeshwari (E), Mumbai - 40.

Semester wise Plan

Name of the Teacher : _____

Sem : II

Class : FYBT 2022

Subject : Physiology & Immunology (205)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Photosynthesis	Flora's Reaction & Significance Plant hormones. Secondary Metabolites
December	15	15	Animal Physiology	Body fluids, Respiratory System, Digestion and absorption, Excretion, Kidney
January	15	15	Introduction to Immunology	Local and Hered Immunity, Antigens. Antibodies.
February				
March				
April				

Signature of Teacher




Signature
Head of Department
 Dept. of Biotechnology
 Govt. of Mah's Ismail Yusuf College
 Jogeshwari (E), Mumbai - 40

Semester wise Plan

Name of the Teacher : _____

Sem : II

Class : FYBT 2022

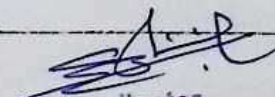
Subject : Basic computers & Biostatistics (206)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Introduction to Computers	Introduction to operating system, word processing, Spreadsheet, Presentation Graphics.
December	15	15	Computer Networking	Introduction to networking, computer viruses, Electronic Mail.
January	15	15	Biostatistics	Types of data & data visualization, sampling strategies, Measures of dispersion.
February				
March				
April				

Signature of Teacher




 Co-ordinator
 Head of Department
 Govt. of Maharashtra Institute of Technology
 Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : _____

Sem : II

Class : FYBT - 2022

Subject : Environmental
Biotechnology (207)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Ecological interactions and Biodiversity	Concept of ecosystems Ecological interactions Biodiversity & its conservation
December	15	15	Pollution & climate change	Environmental Pollution climate change, nuclear accidents. Sustainable development
January	15	15	Renewable sources of Energy	Introductions, Energy resources, Biogas technology, Biofuels.
February				
March				
April				

Signature of Teacher




Signature
Head of Department
 Govt. of Mah's Ismail Yusuf College
 Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Meenakshi Jashan

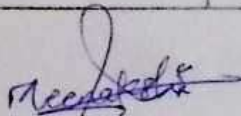
Sem : III

Class : SYBT - 2020²

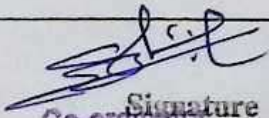
Subject : Applied Chemistry - I

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Organic chemistry	Introduction to Types of organic reactions, Metal coordination in Biological systems, Structure and functions
July	15	15	Synthesis of Organic Compounds	Criteria for Ideal Synthesis, Selectivity and Yield
August	10	10	Types of Organic Compound synthesis and Retro synthesis	Linear and Convergent synthesis and Multicomponent Reactions.
September	5	5	Green chemistry and Synthesis	Introduction, principles of Green chemistry, Green synthesis
October	-	-	Exams	-


Signature of Teacher




Signature
Co-ordinator
Head of Department
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 40.

Semester wise Plan

Name of the Teacher : Heena Pathan

Sem : III

Class : SYBT (2020)

Subject : Biophysics

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Introduction to Optics and Lasers Electromagnetic .	Reflection, Refraction Dispersion
July	15	15	Heat, Sound, Magnetism and Fluid Dynamic	Heat, Sound Magnetism
August	10	10	Electrophoretic techniques	AGE, PAGE, SDS Electrophoresis
September	5	5	Electrophoretic techniques .	Gel Documentation 2DPAGE, Application
October	-	-	Revision Exams .	

HA Pathan

Signature of Teacher



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Signature

Head of Department
Dept. of Biotechnology
Govt. of Mah's Ismail Taseer College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Heena Pathan

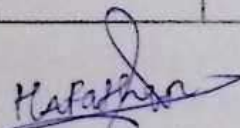
Sem : III

Class : SYBT 2020

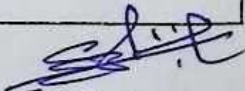
Subject : Molecular Biology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Gene Expression - Transcription	Gene expression overview, Transcription, process. in prokaryotes, Transcription in Eukaryotes
July	15	15	Gene Expression. Translation	Nature of Genetic code. wobble Hypothesis. Translation, post Translation
August	10	10	Regulation of Gene Expression	In prokaryotes, In bacteria
September	5	5	Regulation of Gene Expression.	In viruses, In Eukaryotes
October				


Signature of Teacher




Co-ordinator
Signature
Dept. of Bio-Technology
Head of Department
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Yogesh Parshkar

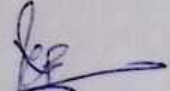
Sem : III

Class : SYBT - 2028

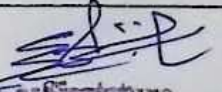
Subject : Research Methodology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Introduction to Research Methodology & Research problem.	Making of Research, Types of Research, selecting the problem, Technique involved in problem
July	15	15	Research Design & Data Collection	Meaning of Research design, Basic principles of experimental design, case study Method.
August	10	10	Interpretation	Meaning of Interpretation Technique of Interpretation Precautions of Interpretation
September	5	5	Report writing	Significance of Report, Types of Report, Mechanics of Research report.
October				


Signature of Teacher




Co-ordinator
Dept. of Biotechnology
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Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Yogesh Parsekar


Sem : III (2020)

Class : SYBT (2022)

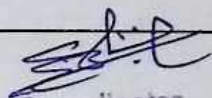
Subject : Immunology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Effects of Immune Response	Haematopoiesis Complement System
July	15	15	cell Receptors	T-cell receptor complex B-cell Receptors B-T cell Interactions
August	10	10	Immunotechniques	Precipitation Reactions Agglutination reactions
September	5	5	Immunotechniques	Alternatives to Antigen-Antibody reactions
October	-	-	Exam	


Signature of Teacher




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Signature
Dept. of Biotechnology
Head of Department
Govt. of Maharashtra, Pusa College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Heena Pathan

Sem : III (semester)

Class : SYBT - 2020 2022

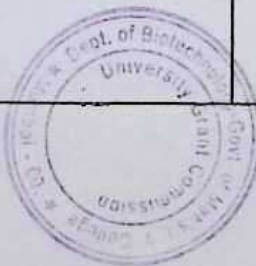
Subject : Bioprocess technology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Microorganisms in Industrial process	Types of microorganisms used in Industrial process screening & maintenance of them
July	15	15	Fermentation & fermentation process	→ design of fermenter, fermentation of media parameters Types of fermentation
August	10	10	In vivo & In vitro	Assay of Industrial process
September	5	5	Assay of industrial process	Assay of industrial process
October				

Heena Pathan

Signature of Teacher



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Signature of

Head of Department

Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Pooja Shinde

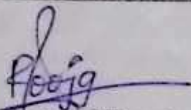
Sem : Semester III

Class : SYBT 2020 2022

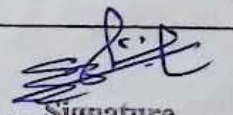
Subject : Cell biology & Cytogenetics

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Cytoskeleton	Overview of the Major function of Cytoskeleton; Microtubules, MAPs, Motor Proteins, Microfilaments, Muscle Contractility, Actin Binding Proteins
July	15	15	Cell Membrane	Uptake of Nutrients by Prokaryotic Cells; Cell permeability, Active & Passive Transport, Cell Junctions; Cell Adhesion, Cell Interactions
August	8	8	Cytogenetics Variation in Chromosomal Structure and Number	Structure of Chromosomes, Deletion Duplication, Translocation, Klinefelter Turner, Cri-du-chat, Trisomy 21, 18 and 13
September	7	7	Sex determination and Sex Linkage, Genetic Linkage, Crossing Over and Chromosomal Mapping	Mechanisms of Sex Determination (XX-XY, ZZ-ZW, XX-XO) Tetrad Analysis, Two-Point Cross, Three-Point Cross, Pedigree Analysis
October				


Signature of Teacher




Signature
Head of Department
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher: Yogesh Parsetar

Sem: I

Class: FYBT - 2022

Subject: fundamental of (101) Biotechnology

Semester Planning of Teaching

Month	No. of Lectures as per timetable	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Introduction and scope of biotech	what is biotechnology world biotechnology Biotechnology in India.
July	15	15	Applications of Biotechnology	Agriculture, Livestock Human welfare, Biotech environment
August	10	10	fermentation technology	Component parts of fermentation process Screening, fermenter
September	5	5	fermentation	Basic introduction to process parameters fermentation medium.
October				



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Signature of Teacher

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Co-ordinator
Signature
Dept. of Biotechnology
Govt. of Maharashtra
Jogeshwari (E), Mumbai - 60.

Name of the Teacher: Aishwarya Divale Semester wise Plan
Punjabia PSC (2018)

Sem: I

Class: FYBT (2022)

Subject: Microbiology I. (102)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Introduction to microbiology	Fundamental, History, Evolution of microbiology classification, Nutrition.
July	15	15	Sterilization techniques	Introduction, Types and Application, chemical agents and their mode of action.
August	15	15	Microscopy and stains	Simple and compound microscope, dark field, phase contrast microscope.
September	15	15	Microscopy and stains	Fluorescent microscope, TEM, SEM, Applications, of microscopes, stains and staining solutions.
October		-	Exam.	

Aishwarya Divale
 Signature of Teacher



[Signature]
 Co-ordinator
 Dept. of Biotechnology
 Govt. of Maharashtra, Yashwantrao Chavan Pratishthan, Mumbai

Semester wise Plan

Name of the Teacher: Rugayya

Sem: I

Class: FYBT 2022

Subject: Basic chemistry I - (104)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Nomenclature. Cell Chemical Bonds.	classification Nomenclature chemical bonds, Ionic Bonds covalent Bond. Hydrogen Bond
July	15	15	Titrimetric Analysis,	Titrimetric Titrimetric Analysis, Gravimetric Analysis.
August	10	10	Stereochemistry	Isomerism, Geometric. Isomerism, Optical Isomerism
September	5	5	Stereochemistry.	Confirmation, Configuration, projection formulae.
October				

Rugayya
Signature of Teacher



[Signature]
Co-ordinating
Head of Department
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Rohit Deshmukh Semester wise Plan

Name of the Teacher: _____

Sem: I

Class: FYBT (2028)

Subject: Biomolecules

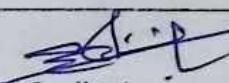
(104)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Water, Standard Solutions and Buffers	Structure, properties & functions of water, Concept of pH
July	15	15	Basic of Carbohydrates Chemistry	Carbohydrates, Classification of Carbohydrates
August	10	10	Basics of Lipid chemistry.	Introduction to Lipid Chemistry, Saturated Fatty acids, storage Lipids.
September	5	5	Lipid chemistry	Properties of Triacylglycerols Structural lipids.
October	-	-	Exam.	-


Signature of Teacher




Co-ordinator
Dept. of Biotechnology
Govt. of Mahatma Jyotiba Phule
Jogeshwari (E), Mumbai - 60.

Sana shaikh Semester wise Plan

Name of the Teacher: _____

Sem: I

Class: FYBT-2022

Subject: Genetics (105)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Genetics fundamental	Mendelian genetics Mendelian genetic principles, Gene Interaction Mendelian Genetics in human
July	15	15	Microbial genetics	Genetic analysis in bacteria, genetic mapping in bacteria by transformation & Transduction.
August	10	10	Population genetics	Genetic structure of populations
September	5	5	Population genetics	Role of population genetics in conservation Biology.
October				

Sana Shaikh

Signature of Teacher



Sana Shaikh

Co-ordinator
Signature
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher: Heena Pathan

Sem: I

Class: FYBT 2022

Subject: Molecular Biology (106)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	The composition and structure of DNA & RNA; Organization of DNA in chromosome	Nucleotide & Nucleoside, Structure of DNA & RNA, Eukaryotic & Prokaryotic chromosomes, Karyotype & Idiogram
July	15	15	DNA replication in Prokaryotes, RNA replication in Eukaryotes, Enzymes & protein involved in DNA replication	Models of DNA replication, Evidence of Semi-conservative DNA replication, E. coli chromosome replication
August	8	8	Definition and concept of Mutation	Classification of Mutation, Types of Point Mutation, Types of Mutagen
September	7	7	DNA repair	Photoreversal, Base excision repair, Nucleotide excision repair, SOS repair
October				

Heena Pathan

Signature of Teacher



Heena Pathan

Co-ordinating Signature
 Dept. of Biotechnology
 Govt. of Mah's Ismail Yusuf College
 Jogeshwari (E), Mumbai - 40.

Safana Khan Semester wise Plan

Name of the Teacher: _____

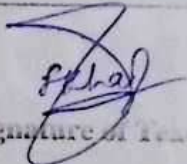
Sem: I

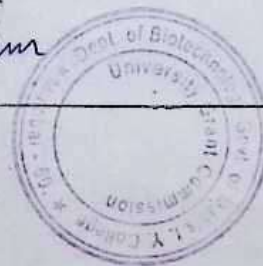
Class: FYBT - 2022

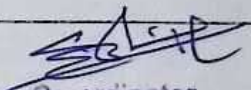
Subject: Communication Skills
(107)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
June	15	15	Academic skills	Essential of grammar Employment communication professional presentation
July	15	15	Soft skills	Personality development Emotional Intelligence communication Today
August	10	10	Professional skills	creativity at work place Ethical values Leadership & Team building
September	5	5	Professional Skills	Stress & time management Decision making & Negotiation
October	-	-	Exam	


Signature of Teacher




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Signature
Dept. of Biotechnology
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Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher: Yogesh Parsekar (2022)

Sem: Semester IV.

Class: 84BT 2022

Subject: Entrepreneurship Development

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
<u>NOV</u> _____	15	15	Introduction to entrepreneurship Development	Concept of Entrepreneur, Entrepreneurship, Need and importance
<u>DEC</u> _____	15	15	Setting up of an Enterprise and planning	Location of Enterprise, Real estate and Human Resource planning
<u>JAN</u> August	10	10	Marketing, Sales, Advertising	Marketing plan for an entrepreneur, strategic alliances, Advertising and sales promotion.
<u>FEB</u> September	5	5	International Market research	Need for international market research, domestic v/s international market research.
<u>MARCH</u> October	-	-	Exam	

Parsekar

Signature of Teacher



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Signature

Co-ordinator
Head of Department

Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwar (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Heena Patnan

Sem : IV

Class : SYBT - (202P)

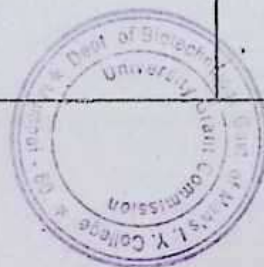
Subject : Medical microbiology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November June	15	15	Infectious disease.	Host parasite relation - ship infectious disease
December July	15	15	medical microbiology causative organisms I	skin, respiratory tract infections urinary tract infection
January August	10	10	medical microbiology	GI tract infections salmonella.
February September	15	15	causative organisms -II	sexually transmitted disease, Nosocomial Infections.
March October	15	15	Exam.	-

Heena Patnan

Signature of Teacher



Heena Patnan

Signature
Head of Department
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Heena Pathan

Sem : IV

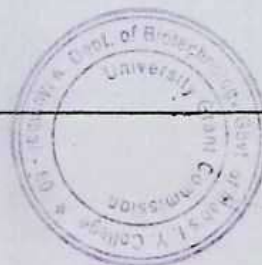
Class : 3YBT - 2027

Subject : Molecular Diagnostic

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November June	15	15	Introduction & Basics of Molecular Diagnostics	History of Molecular Diagnostics, post Genomic Theranostics, hybridization technique.
December July	15	15	Nucleic Acid Amplification Methods	Target amplification PCR Types. Probe amplification
January August	10	10	Molecular Biology based diagnostics.	DNA polymorphism identification. Molecular diagnostics
February September	5	5	Molecular Biology based diagnostics	Genetic counselling & Molecular diagnosis ethical, social & legal issues to Genetic testing
March October				

HA Pathan
Signature of Teacher



[Signature]
Co-ordinator
Signature
Dept. of Biotechnology
Head of Department
Govt. of Maharashtra, Government College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Meerakshi Jadhav

Sem : IV

Class : SYBT (2022)

Subject : Applied Chemistry

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November <i>Nov</i>	15	15	Sampling; Separation Techniques	Importance of sampling and Sampling Techniques, Types of sampling, Types of Separation Techniques, Solvent extraction, centrifugation.
December <i>Dec</i>	15	15	Natural Product Chemistry Chromatographic Separation of Natural Products	Primary and Secondary Metabolites; Classification of Natural products based on Biosynthesis, Classification of Natural products based on structure; HPTLC
January <i>Jan</i>	8	8	Polymers	Introduction to Polymer, Types of Polymer, Stereo-Chemistry of Polymer, Biodegradable Polymers
February <i>Feb</i>	7	7	Nanomaterials	Introduction to Nanomaterials; Forms of Nanomaterials; Synthesis, Characterization and Application of Nanomaterials
March <i>Mar</i>				

mjadhav

Signature of Teacher



[Signature]

Signature
Co-ordinator
Dept. of Applied Chemistry
Govt. of Mah's Ismail Yusuf College
Jogeshwar (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher: Yogesh Parsekar

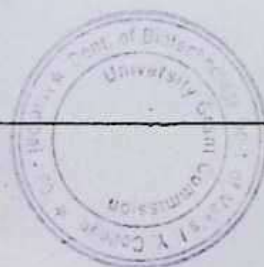
Sem: IV

Class: SBT 2022

Subject: Bioinformatics & Biostats

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November June	15	15	Introduction to Computers and Biological Database.	Computer Basics, Internet Basics, Biological & Database, Genome Inform Resources
December July	15	15	BLAST & Sequence Alignment.	BLAST & sequence. Alignment, pairwise Alignment, Multiple. Sequence Alignment.
January August	10	10	Biostatistics.	Coefficient of correlation, and Regression Analysis Chi-Square test.
February September	5	5	Biostatistics.	parametric test. Z test. Single mean. Two mean, T-test. Paired & unpaired.
March. October				



Y. Parsekar
Signature of Teacher

[Signature]
Co-ordinator
Dept. of Biotechnology
Govt. of Maharashtra, Yashwantrao Chavan Pratishthan, Yashwantrao Chavan Pratishthan, Yashwantrao Chavan Pratishthan
Jogeshwari (E), Mumbai - 400 095.

Semester wise Plan

Name of the Teacher : Pooja Shende

Sem : IV

Class : SYBT (Sem IV) ~~2020-21~~

Subject : Biochemistry

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
NOV June	15	15	Carbohydrate Metabolism.	Glycolytic Pathway Anabolic Fermentation ETC
DEC July	15	15	Amino acid Metabolism.	Amino acid as Biosynthetic precursor
JAN August	10	10	Lipid Metabolism.	Oxidation of Saturated fatty acids
FEB September	5	5	Lipid Metabolism	Nucleotide Metabolism.
MARCH October	—	—	Revision Exam	—

P Shende
Signature of Teacher



[Signature]
Co-ordinator
Signature
Dept. of Biochemistry
Head of Department
Govt. of Maharashtra
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher: Pooja Shinde

Sem: IV

Class: SXB T 2021

Subject: Environment

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
<u>November</u>	15	15	Environmental Pollution	Air pollution, water pollution, soil and solid waste pollution, Soil Erosion
<u>December</u>	15	15	Global Environmental Problems and Issues	Green house Effect Global Warming
<u>January</u>	10	10	Bioremediation	Concept of Bioremediation Bioremediation Technologies
<u>February</u>	5	5	Bioremediation	Measuring Bioremediation in the field, Bioaugmentation and Bio stimulation
<u>March</u>	-	-	Exam	

P Shinde
Signature of Teacher



[Signature]
Co-ordinator
Dept. of Biotechnology
Govt. of Mah's Technical Education Department
Jogeshwari (E), Mumbai - 60.

Ahtaf Parwale Semester wise Plan

Name of the Teacher : _____

Sem : VI

Class : TXBT (2022)

Subject : Industrial Micro Biology.

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Dairy technology	Enumeration Pasteurization Swiss and cheddar Butter and Yoghurt Foam separation
December	15	15	Down-stream Processing	chromatography in DSP Crystallization
January	15	15	Fermentation Process	Bacterial and fungal inoculum development streptomycin Bio transformation
February	15	15	QA-QC	Regulatory Certification of GMP QA concepts - concepts of QA
March				
April				

Ahtaf Parwale

Signature of Teacher



[Signature]

Signature
Coordinator
Head of Department
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60

Semester wise Plan

Name of the Teacher: Yogesh Parsekar

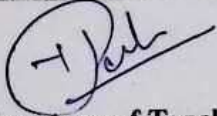
Sem: VI

Class: TYBT - 2022

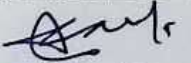
Subject: Biochemistry

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Topics to be covered	Key points of topic
<u>NOV</u>	15	15	Biochemistry - Protein Biochemistry	Tertiary & quaternary structures, immunoglobulins.
<u>DEC</u>	15	15	Metabolism	Peptidoglycan in Bacteria, Atherosclerosis.
<u>JAN</u> August	15	15	Endocrinology	Mechanism of action of grp I & II hormones, Placenta - hCG.
<u>FEB</u> September			Nutrition	FUNCTIONS of disorder associated fats soluble (A, D, E, K), Over nutrition - & PEM
<u>MARCH</u> October				EXAMS


Signature of Teacher




Co-Signature
De **Head of Department**
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Heena Pathan

Sem : VI

Class : TYBT (2022)

Subject : Pharmacology

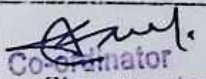
Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	General principle of pharmacology	Mechanism of drug action
December	15	15	Drug Absorption Distribution	Absorption of drugs
January	15	15	Basic toxicology	Background prolonged.
February	15	15	Neurochemistry	Neuronal pathway
March				
April				

Heena Pathan

Signature of Teacher




 Co-ordinator
 Dept. of Pharmacology
 Govt. of Maharashtra, Yashwantrao Chavan College
 Jogeshwari (E), Mumbai - 400042
 Head of Department

sana shaikh Semester wise Plan

Name of the Teacher : _____

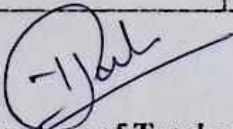
Sem : VI

Class : TYBT (2022)

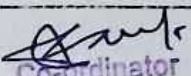
Subject : Environmental Biotech.

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Renewable sources of energy	Energy sources, Biomass energy, Biodigester, Biofuels, Biodiesel, Petrocoops
December	15	15	Industrial effluent treatment	Anaerobic biological treatment, Xenobiotics
January	15	15	waste water treatment	Pollution indicators Heavy metal pollution biosorption by bacteria
February	15	15	Hazardous waste management	Primary, secondary tertiary Biodegradation of waste from difficult industries (Paper, pulp, Distillery)
March	08	15	Preliminary Exam	-
April			Final Exam	-


Signature of Teacher




Coordinator
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Head of Department
Dept. of Microbiology
Govt. of Maharashtra College
Jogeshwari (E), Mumbai - 60.

Attaf Parande Semester wise Plan

Name of the Teacher : Attaf Parande

Sem : V

Class : TYBT (2022)

Subject : Cell Biology (501)

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Topics to be covered	Key points of topic
June	15	15	cell Biology cell cycle	Early embryonic cell cycle Apoptosis, Cell-Division Multicellular Animals.
July	15	15	Cell Signaling	Signaling via G-protein linked cell surface Receptors. Logic of intracellular stages of development
August	15	15	Developmental Biology	Mechanism of differen- tiation, pattern formation.
September	15	15	Cancer Biology	Cancer as micro- evolutionary Process Chemotherapy.
October				

Attaf Parande

Signature of Teacher



[Signature]

Signature
Head of Department

Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Heena Pathan

Sem : V

Class : BT (2022)

Subject : Medical Microbiology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	15	15	Medical Microbiology Virology	Virus properties and Cultivation
December	15	15	chemotherapeutic drug	Design and Discovery of antibiotic
January	15	15	Spectroscopy	Principle, working application.
February	15	15	Proanalytical technique	Principle working application.
March				
April				

Heena Pathan

Signature of Teacher



[Signature]

Signature
Head of Department

Dept. of Biotechnology
Govt. of Man's Ismail Yusuf College
Jugeshwari (E), Mumbai - 80.

Semester wise Plan

Name of the Teacher : Yogesh Parsekar

Sem : V

Class : T/BT-2022

Subject : Marine Biotechnology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Part of syllabus to be covered	Key points of topic
June	15	15	Marine Biotechnology - Marine Biotechnology Introduction & Bioprocess	Hydrothermal vents, Bioprospecting Bioactive compounds for other marine org.
July	15	15	Marine drugs & Enzymes.	App. Marine drugs as pharmaceuticals, Marine microbial enzymes
August	15	15	Marine functional foods & Nutraceuticals.	Marine bioactive as potential Nutraceuticals carotenoids -
September	15	15	Marine Bioresources & Nutrition.	Marine Bioresources, Bioactive form.
October				EXAMS.



(Signature)

Signature of Teacher

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Co-ordinator
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher: Heena Pathan.

Sem: V

Class: TYBT (2022)

Subject: Genomics and Molecular Biology.

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Content to be covered	Key points of topic
June	15	15	Genetic engineering of plants.	Transgenic plants: Physical methods of transferring genes.
July	15	15	Transgenic Animals.	Transgenic mice - methodology - retroviral method DNA microinjection
August	15	15	Tools in Molecular Biology.	Restriction digestion, electrophoresis, blotting, cutting.
September	15	15	Gene sequencing and editing.	ZNF (Zinc finger Nucleases) (CRISPR) Cas System.
October	—			

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Signature of Teacher



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Signature
Head of Department
Co-ordinator
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 60.

Semester wise Plan

Name of the Teacher : Shubham / Yogesh Pareeka

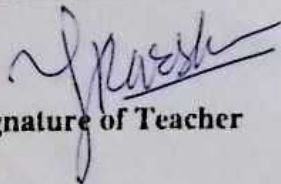
Sem : I & II

Class : MSc-I 2022 Sep 23

Subject : part I Biochemistry & cell biology

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of Topic to be covered	Key points of topic
November	10	10	Biochemistry of Nucleic acids.	Forces stabilizing nucleic acid structure.
December	15	15	Biochemistry of energetics. Nucleic acid.	Biosynthesis of Amino acids. Phenylalanine.
January	15	15	Dynamics & organization.	universal feature of cells, cell chemistry.
February	15	15	Cellular signaling.	Cellular signaling, molecular mechanism.
March	10	10	cellular process.	cell type & its regulation.
April	5	5	Genome instability.	mutations, proto-onc, and tumor.


Signature of Teacher




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Dep. of Biochemistry
Govt. of Mah's Ismail Yusuf College
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Semester wise Plan

Name of the Teacher

Heena Pathan / Shubham / Altaf Parande

Sem

I & II

Class

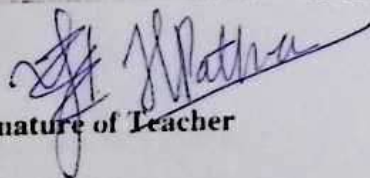
MSC - I [22-23]

Subject

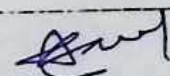
Immunology /
Biostatistics and
Bioinformatics

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Title of topics covered	Key points of topic
Nov Nov	10	10	Immunogenetics.	Major. Histocompatibility complex - genes and their role in autoimmune. MHC, TCR & HIV
DEC. Dec	5	5	Antibody. Interaction	RIA, ELISA, ELISPOT, Western Blotting, microscopy.
JAN. Jan	15	15	Basic of Bioinformatics.	Basic of Bioinformatics, computer in Biology.
FEB. Feb	15	15	multiple sequence alignment and protein.	CLUSTALX, FASTA3, SEQUIN., MSA.
MAR. Mar	15	15	Biostatistics Ep. Biostatistics	Test of Hypothesis, Null hypothesis, Z test.


Signature of Teacher




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Jogeshwari (E) Mumbai

Semester wise Plan

Name of the Teacher: Yogesh Patil / Heena Patil

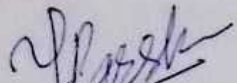
Sem: I & II

Class: MSC-I (22-23)

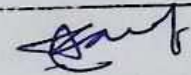
Subject: Bioprocess / Bioethics

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Topics to be covered	Key points of topic
<u>NOV</u> Jan	15	15	Basic principle of biochemical engineering	Sources of microorganisms used in Biotechnology Strain Improvement
<u>DEC.</u> July	15	15	Production of proteins. Application of enzyme.	Principles of microbial growth. Bioreactors.
<u>JAN.</u> August	15	15	Introduction to IPR.	types of IP, intellectual property, geographical indications.
<u>FEB</u> September	15	15	Patent / Bioethics.	Patentability of biotechnology inventions in India, statutory, bioethic in healthcare. TRIPS.
<u>MR.</u> October	15	15	Patentability of Biotechnology inventions.	environmental risk, Agriculture Biotechnology, Bio terrorism, human and animal cloning.


Signature of Teacher




Signature
Head of Department
Dept. of Biotechnology
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 40.

Semester wise Plan

Name of the Teacher: Attaf Parande

Class: MSc-T [22-23]

Sem: II. Sep

Subject: Molecular diagnostics / Animal Biotechnology.

Semester Planning of Teaching

Month	No. of Lectures as per time table	No. of Lectures as per syllabus	Part of syllabus covered	Key points of topic
NOV June	15	15	Functional genomics. Proteomics.	Separation & identification Protein, SILAC, In vivo Labeling.
DEC. July	15	15	Basic Advance microscopy, CRISPER. CAS, Diagnostic microbiology	CRISPER, CAS, MEISH, FISH, SIKY, CGH. HIV/AIDS, TB.
JAN August	15	15	Plant tissue. & Animal cell culture.	Plant tissue culture, totipotency
FEB September	15	15	Plant Genetic manipulation	Vaccinology, TDNA, Ti & Ri plasmid. Opines.
MAR. October	15	15	Animal Reproduction Vaccinology	Animal reproductive, PCR, RFLP, RAPD, STS, SSR, AFLP, SNP

Attaf
Signature of Teacher


PRINCIPAL
Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce,
Jogeshwari (East), Mumbai - 400 060



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Head of Department
Govt. of Mah's Ismail Yusuf College
Jogeshwari (E), Mumbai - 400 060

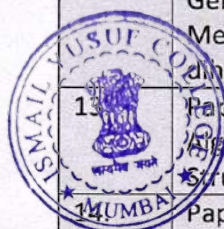
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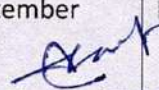
Department: Botany

Teaching Plan: Year-2022-23

Class: F.Y.B.Sc.

Sr. No.	Topics	Month	Faculty name
1.	Paper-I U-I Algae Structure, <i>Nostoc</i> .	June-July	NDS
2.	Paper-I U-II Fungi Structure	June-July	SS
3.	Paper-I U-III Bryophyta General characters of Hepaticae	June-July	NDS
4.	Paper-II U-I Cell biology General structure of plant cell: cell wall	June-July	AYS
5.	Paper-II U-II Ecology Energy pyramids	June-July	PS
6.	Paper-II U-III Genetics Phenotype/Genotype	June-July	ST
7.	Paper-I U-I Algae life cycle and systematic position of <i>Nostoc</i>	July-August	NDS
8.	Paper-I U-II Fungi life cycle and systematic position of <i>Rhizopus</i>	July-August	SS
9.	Paper-I U-III Bryophyta Structure of <i>Riccia</i>	July-August	NDS
10.	Paper-II U-I Cell biology General structure of plant cell: Plasma membrane	July-August	PS
11.	Paper-II U-II Ecology energy flow in an ecosystem.	July-August	SS
12.	Paper-II U-III Genetics Mendelian Genetics- monohybrid, dihybrid	July-August	SC
13.	Paper-I U-I Algae Structure of <i>Spirogyra</i>	August-September	NDS
	Paper-I U-II Fungi	August-September	SS




 Department of Botany
 Government of Maharashtra's
 Ismail Yusuf College of
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 Jogeshwari (East), Mumbai - 400 060.

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Department: Botany

Teaching Plan: Year-2022-23

Class: F.Y.B.Sc.

	life cycle and systematic position of <i>Aspergillus</i>		
15.	Paper-I U-III Bryophyta Lifecycle of <i>Riccia</i>	August-September	NDS
16.	Paper-II U-I Cell biology Ultra-structure and functions of the Endoplasmic reticulum	August-September	PS
17.	Paper-II U-II Ecology Aquatic ecosystem	August-September	SS
18.	Paper-II U-III Genetics Test cross, back cross ratios	August-September	SC
19.	Paper-I U-I Algae Economic importance of algae	September-October	NDS
20.	Paper-I U-II Fungi Economic importance of fungi and mode of nutrition in fungi	September-October	SS
21.	Paper-I U-III Bryophyta Systematic position of <i>Riccia</i>	September-October	NDS
22.	Paper-II U-I Cell biology Ultra-structure and functions of the chloroplast	September-October	PS
23.	Paper-II U-II Ecology Terrestrial ecosystem	September-October	SS
24.	Paper-II U-III Genetics Epistatic, non-epistatic interactions, multiple alleles	September-October	SC




 Head Department of Botany
 Government of Maharashtra's
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Ismail Yusuf College of Arts, Science & Commerce,

Department: Botany

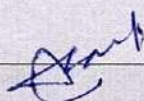
Teaching Plan: Year-2022-23

Class: F.Y.B.Sc.

Semester-II

Sr. no.	Topics	Months	Faculty name
1.	Paper-I U-I Pteridophytes General characters	November-December	SS
2.	Paper-I U-II Gymnosperms General characters	November-December	SC
3.	Paper-I U-III Angiosperms General characters	November-December	NDS
4.	Paper-II U-I Anatomy Simple tissues	November-December	AYS
5.	Paper-II U-II Physiology Photosynthesis: Light reaction	November-December	PS
6.	Paper-II U-III Medicinal botany Concept of primary and secondary metabolites	November-December	AKR
7.	Paper-I U-I Pteridophytes Lifecycle of <i>Nephrolepis</i>	December-January	SS
8.	Paper-I U-II Gymnosperms Lifecycle of <i>Cycas</i>	December-January	SC
9.	Paper-I U-III Angiosperms Leaf: simple leaf, types of compound leaves, Incisions of leaf, venation, phyllotaxy, types of stipules, leaf apex, leaf margin, leaf base, leaf shapes.	December-January	NDS
10.	Paper-II U-I Anatomy complex tissues	December-January	AYS
11.	Paper-II U-II Physiology Photosynthesis: photolysis of water	December-January	PS
12.	Paper-II U-III Medicinal botany difference between primary and secondary metabolites	December-January	AKR
13.	Paper-I U-I Pteridophytes systematic position of <i>Nephrolepis</i>	January-February	SS




 Head Department of Botany
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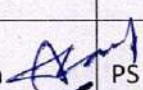
Department: Botany

Teaching Plan: Year-2022-23

Class: F.Y.B.Sc.

14.	Paper-I U-II Gymnosperms systematic position of <i>Cycas</i>	January-February	SC
15.	Paper-I U-III Angiosperms Modifications of leaf: spine, tendril, hooks, phyllode, pitcher, Drosera or insectivorous plants.	January-February	NDS
16.	Paper-II U-I Anatomy Primary structure of dicot and monocot root, stem and leaf.	January-February	AYS
17.	Paper-II U-II Physiology Photosynthesis: photophosphorylation	January-February	PS
18.	Paper-II U-III Medicinal botany Grandma's pouch: Following plants have to be studied with respect to botanical source, part of the plant used, active constituents present and medicinal uses: <i>Oscimum sanctum</i> , <i>Adathoda vasica</i>	January-February	AKR
19.	Paper-I U-I Pteridophytes alternation of generations in <i>Nephrolepis</i>	February-March	SS
20.	Paper-I U-II Gymnosperms alternation of generations in <i>Cycas</i>	February-March	SC
21.	Paper-I U-III Angiosperms Inflorescence: Racemose: simple raceme, spike, catkin, spadix, panicle. Cymose: monochasial, dichasial, polychasial. Compound: corymb, umbel, cyathium, capitulum, verticillaster, hypanthodium.	February-March	NDS
22.	Paper-II U-I Anatomy Epidermal tissue system: types of hair	February-March	AYS
	Paper-II U-II Physiology Photosynthesis: carbon fixation	February-March	PS




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Ismail Yusuf College of Arts, Science & Commerce,

Department: Botany

Teaching Plan: Year-2022-23

Class: F.Y.B.Sc.

	Phase C3 & C4 cycle		
24.	Paper-II U-III Medicinal botany Grandma's pouch: Following plants have to be studied with respect to botanical source, part of the plant used, active constituents present and medicinal uses: <i>Zinziber officinale</i> , <i>Curcuma longa</i>	February-March	AKR
25.	Paper-I U-I Pteridophytes Stelar evolution	March-April	SS
26.	Paper-I U-II Gymnosperms Economic importance of Gymnosperms	March-April	SC
27.	Paper-I U-III Angiosperms Study of following families: Malvaceae, Amaryllidaceae.	March-April	NDS
28.	Paper-II U-I Anatomy Epidermal tissue system: monocot and dicot stomata.	March-April	AYS
29.	Paper-II U-II Physiology Photosynthesis: CAM pathways	March-April	PS
30.	Paper-II U-III Medicinal botany Grandma's pouch: Following plants have to be studied with respect to botanical source, part of the plant used, active constituents present and medicinal uses: <i>Santalum album</i> , <i>Aloe vera</i>	March-April	AKR

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Head Department of Botany
Government of Maharashtra's
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Ismail Yusuf College of Arts, Science & Commerce,

Department: Botany

Teaching Plan: Year-2022-23

Class: S.Y.B.Sc.

Sr. No.	Topics	Month	Faculty name
1.	Paper-I U-I Thallophyta (Algae) & Bryophyta General Characters of Division Phaeophyta: Distribution, Cell structure, range of thallus, Economic Importance.	June-July	NDS
2.	Paper-II U-I Cell Biology Ultra-Structure and functions of the following cell organelles: o Mitochondrion (membranes, cristae, F1 particles and matrix)	June-July	AYS
3.	Paper-III U-I Pharmacognosy and phytochemistry Introduction to pharmacopoeia	June-July	AKR
4.	Paper-I U-II Angiosperms Systematics: Objectives and Goals of Plant systematic • Plant Nomenclature	June-July	NDS
5.	Paper-II U-II Cytogenetics Variation in Chromosome structure (Chromosomal Aberrations) Definition, Origin, Cytological and Genetic Effects of the following: Deletions	June-July	ST
6.	Paper-III U-II Forestry and Economic Botany Forestry: Outline of types of forest in India	June-July	SS
7.	Paper-I U-III Modern Techniques to Study Plant Diversity Preservation methods: Dry and Wet method	June-July	ST
8.	Paper-II U-III Molecular Biology DNA replication: Modes of Replication, Messelson and Stahl Experiment,	June-July	SC
	Paper-III U-III Industry based on plant products Aromatherapy- Introduction, Uses with few examples. Jojoba, lemon	June-July	AKR



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Teaching Plan: Year-2022-23

Class: S.Y.B.Sc.

10.	Paper-I U-I Thallophyta (Algae) & Bryophyta • Structure, life cycle and systematic position of Sargassum	July-August	NDS
11.	Paper-II U-I Cell Biology Ultra Structure and functions of the following cell organelles: Peroxisomes and Glyoxysomes o Ribosomes (prokaryotic, eukaryotic and subunits)	July-August	AYS
12.	Paper-III U-I Pharmacognosy and phytochemistry Indian pharmacopoeia, Indian Herbal Pharmacopoeia and Ayurvedic Pharmacopoeia	July-August	AKR
13.	Paper-I U-II Angiosperms Taxonomy in relation to Anatomy Palynology Chemical constituents	July-August	NDS
14.	Paper-II U-II Cytogenetics Variation in Chromosome structure (Chromosomal Aberrations) Definition, Origin, Cytological and Genetic Effects of the following: Duplications, Inversions and Translocations.	July-August	ST
15.	Paper-III U-II Forestry and Economic Botany Forestry: Agro-forestry, Urban forestry, organic farming, Silviculture	July-August	SS
16.	Paper-I U-III Modern Techniques to Study Plant Diversity Microscopy – Principle and working of Light, and electron microscope.	July-August	ST
17.	Paper-II U-III Molecular Biology DNA replication in prokaryotes and eukaryotes- enzymes involved and molecular mechanism of replication.	July-August	SC
18.	Paper-III U-III Industry based on plant products Aromatherapy- Botanical and Nutraceuticals -Spirulina, Vanillin, Garcinia indica/ Garcinia cambogia	July-August	AKR
	Paper-I U-I Thallophyta (Algae) & Bryophyta	August-September	NDS

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Class: S.Y.B.Sc.

	General Account of Class Anthocerotae and Musci		
20.	Paper-II U-I Cell Biology Cell Division and its significance o Cell Cycle, structure of Interphase Nucleus (nuclear envelop, chromatin network, nucleolus and nucleoplasm) o Mitosis & Meiosis o Differences between Mitosis and Meiosis	August-September	AYS
21.	Paper-III U-I Pharmacognosy and phytochemistry Secondary Metabolites: Sources, properties, uses and adulterants, regional and seasonal variations	August-September	AKR
22.	Paper-I U-II Angiosperms Taxonomy in relation to Anatomy Embryology Cytology Ecology	August-September	NDS
23.	Paper-II U-II Cytogenetics Sex determination, Sex linked, sex influenced and sex limited traits: Sex determination- Chromosomal Methods: heterogametic males and heterogametic females. Sex determination in monoecious and dioecious plants. Genic Balance Theory of sex determination in Drosophila, Lyon's Hypothesis of X chromosome inactivation. Sex linked- eye colour in Drosophila, Haemophilia, colour blindness Sex influenced- baldness in man	August-September	SC
24.	Paper-III U-II Forestry and Economic Botany Economic Botany: • Types of fibers: Jute and cotton, • Current trends in Fiber industries	August-September	SS
25.	Paper-I U-III Modern Techniques to Study Plant Diversity Chromatography- Principles and techniques in paper and thin layer chromatography.	August-September	ST
26.	Paper-II U-III Molecular Biology Protein Synthesis: o Central dogma of	August-September	SC



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Class: S.Y.B.Sc.

	Protein synthesis		
27.	Paper-III U-III Industry based on plant products Enzymes industry: Cellulases, Papain, Bromelain	August-September	AKR
28.	Paper-I U-I Thallophyta (Algae) & Bryophyta Lichens- Classification, Structure, Method of Reproduction, Economic Importance and Ecological Significance of Lichens.	September-October	NDS
29.	Paper-II U-I Cell Biology Differences between Mitosis and Meiosis • Nucleic Acids: Types, structure and functions of DNA and RNA	September-October	AYS
30.	Paper-III U-I Pharmacognosy and phytochemistry Adulterants: Saraca asoca, Polyalthia longifolia Terminalia arjuna, Terminalia tomentosa Bacopa monnieri, Centella asiatica Abrus, Glycyrrhiza Phyllanthus amarus (Bhuiamla)	September-October	AKR
31.	Paper-I U-II Angiosperms With the help of Bentham and Hooker's system of Classification for flowering plants study the vegetative, floral characters and economic importance of the following families: o Leguminosae o Asterace o Amaranthaceae o Palmae	September-October	NDS
32.	Paper-II U-II Cytogenetics Extranuclear Genetics Organelle heredity- o Chloroplast determines heredity - Plastid transmission in plants, Streptomycin resistance in Chlamydomonas. o Male sterility in maize	September-October	SC
33.	Paper-III U-II Forestry and Economic Botany Community ecology- Characters of community - Quantitative characters and qualitative characters	September-October	SS
	Paper-I U-III	September-October	ST



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	Modern Techniques to Study Plant Diversity Principles and techniques of Horizontal and Vertical electrophoresis		
35.	Paper-II U-III Molecular Biology Transcription in prokaryotes and eukaryotes: promoter sites, initiation, elongation and termination. o RNA processing: Adenylation & Capping.	September-October	SC
36.	Paper-III U-III Industry based on plant products • Biofuels.	September-October	AKR



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Class: S.Y.B.Sc.

Semester-IV

Sr. No.	Topics	Month	Faculty name
1.	Paper-I U-I Thallophyta: Fungi, Plant Pathology and Lichens Fungi • General characters of Ascomycetae	November-December	NDS
2.	Paper-II U-I Anatomy • Normal Secondary Growth in Dicotyledonous stem and root.	November-December	AYS
3.	Paper-III U-I Horticulture and Gardening Introduction to Horticulture: Branches of Horticulture	November-December	AKR
4.	Paper-I U-II Thallophyta: Fungi, Plant Pathology and Lichens Fungi Salient features and classification upto orders (with examples of each) of Psilophyta and Lepidophyta (G M Smith's system of classification to be followed)	November-December	NDS
5.	Paper-II U-II Plant Physiology and Plant Biochemistry • Respiration: Aerobic: Glycolysis, TCA Cycle, ETS & Energetic of respiration; Anaerobic respiration.	November-December	ST
6.	Paper-III U-II Biotechnology • Introduction to plant tissue culture o Laboratory organization and techniques in plant tissue culture	November-December	SC
7.	Paper-I U-III Gymnosperms • Salient features, classification up to orders (with examples of each) and economic importance of Coniferophyta (Chamberlain's system of classification to be followed)	November-December	NDS
8.	Paper-II U-III Ecology and Environmental Botany Biogeochemical Cycles- Carbon, Nitrogen and Water.	November-December	SS
9.	Paper-I U-III Biostatistics: The chi square test.	November-December	ST
10.	Paper-I U-I	December-January	NDS



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	Structure, life cycle and systematic position of Erysiphe and Xylaria		
11.	Paper-II U-I Growth rings, periderm, lenticels, tyloses, heart wood and sap wood.	December-January	AYS
12.	Paper-III U-I Types of garden o Formal and informal gardens	December-January	AKR
13.	Paper-I U-II Pteridophyta and Paleobotany Pteridophyta- Structure, life cycle and systematic position of Selaginella	December-January	NDS
14.	Paper-II U-II Plant Physiology and Plant Biochemistry Photorespiration	December-January	ST
15.	Paper-III U-II Introduction to plant tissue culture o Totipotency o Organogenesis	December-January	SC
16.	Paper-I U-III Structure life cycle and systematic position of Pinus	December-January	NDS
17.	Paper-II U-III Ecological factors: Concept of environmental factors.	December-January	SS
18.	Paper-III U-III Biostatistics: Correlation – Calculation of coefficient of correlation.	December-January	ST
19.	Paper-I U-I Thallophyta: Plant Pathology- Symptoms, causative organism, disease cycle and control measures of o Powdery mildew	January-February	NDS
20.	Paper-II U-I • Mechanical Tissue system o Tissues providing mechanical strength and support and their disposition	January-February	AYS
21.	Paper-III U-I • Types of garden o National Park: Sanjay Gandhi National Park.	January-February	AKR
22.	Paper-I U-II • Paleobotany- The geological time scale	January-February	NDS
	Paper-II U-II Plant Physiology and Plant	January-February	ST



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Class: S.Y.B.Sc.

	Biochemistry Photoperiodism: Phytochrome Response and Vernalization with reference to flowering in higher plants		
24.	Paper-III U-II Introduction to plant tissue culture o Organ culture – root cultures, meristem cultures, anther and pollen culture, embryo culture.	January-February	SC
25.	Paper-I U-III Structure and systematic position of the form genus Cordaites	January-February	NDS
26.	Paper-II U-III Soil as an edaphic factor, Soil composition, types of soil, soil formation, soil profile.	January-February	SS
27.	Paper-III U-III Biostatistics and Bioinformatics • Bioinformatics o Information technology: History and tools of IT, Internet and its uses.	January-February	ST
28.	Paper-I U-I Thallophyta: Plant Pathology- Symptoms, causative organism, disease cycle and control measures of o Late blight of potato	February-March	NDS
29.	Paper-II U-I • Mechanical Tissue system o I-girders in aerial and underground organs	February-March	AYS
30.	Paper-III U-I o Botanical Garden: Veer Mata Jijabai Udyan (Victoria Garden)	February-March	AKR
31.	Paper-I U-II Formation and types of fossils	February-March	NDS
32.	Paper-II U-II Physico-chemical properties of phytochrome	February-March	ST
33.	Paper-III U-II • R-DNA technology- o Gene cloning	February-March	SC
34.	Paper-I U-III • Structure and systematic position of the form genus Cordaites	February-March	NDS
35.	Paper-II U-III Community ecology- Characters of community - Quantitative characters and qualitative characters	February-March	SS
	Paper-III U-III	February-March	ST



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Class: S.Y.B.Sc.

	<p>Biostatistics and Bioinformatics</p> <ul style="list-style-type: none"> o Introduction to Bioinformatics- goal, need, scope and limitation o Aims of Bioinformatics: Data organization, Tools of Bioinformatics- tools for web search, Data retrieval tools- Entrez, o BLAST o Bioinformatics programme in India. 		
37.	<p>Paper-I U-I</p> <p>Lichens- Classification, Structure, Method of Reproduction, Economic Importance and Ecological Significance of Lichens.</p>	March-April	NDS
38.	<p>Paper-II U-I</p> <p>Types of Vascular Bundles.</p>	March-April	AYS
39.	<p>Paper-III U-I</p> <p>Types of garden</p> <ul style="list-style-type: none"> o National Park: Sanjay Gandhi National Park. o Botanical Garden: Veer Mata Jijabai Udyan (Victoria Garden) 	March-April	AKR
40.	<p>Paper-I U-II</p> <p>Structure and systematic position of form genus Rhynia</p>	March-April	NDS
41.	<p>Paper-II U-II</p> <p>Vernalization mechanisms and applications.</p>	March-April	PS
42.	<p>Paper-III U-II</p> <p>R-DNA technology-</p> <ul style="list-style-type: none"> o Enzymes involved in Gene cloning o Vectors used for Gene cloning. 	March-April	SC
43.	<p>Paper-I U-III</p> <p>systematic position of the form genus Cordaites</p>	March-April	NDS
44.	<p>Paper-II U-III</p> <p>Community ecology- Characters of community - qualitative characters</p>	March-April	SS
45.	<p>Paper-III U-III</p> <ul style="list-style-type: none"> o BLAST o Bioinformatics programme in India. 	March-April	SC



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Department: Botany

Lecture Plan: Year-2022-23

Class: T.Y. Bsc

Name of the Lecturer: Mr. Nitin Shelake

(Semester-V)

Subject / Paper: **Paper -I**

Units – I, II, III, IV

(Term : 13th June 2022 to 22nd October 2022)

Lecture No.	Key Points to be Covered:				Expected Months	Uni. allotted Lecture
	Unit I	Unit II	Unit III	Unit IV		
1	Introduction to Microbiology Definition and Scope of Microbiology Historical Overview of Microbiology Importance of Microbes in Various Fields	Introduction to Algae Definition and Overview of Algae Importance of Algae in Aquatic Ecosystems and Beyond General Characteristics of Algae	Introduction to Fungi Definition and Overview of Fungi Importance and Economic Significance General Characteristics of Fungi	Introduction to Plant Pathology Overview of plant pathology Importance of studying plant diseases Basic concepts and terminology	June	15 X 4= 60 L
2	Classification of Microbes Introduction to Different Types of Microbes: Viruses, Bacteria, Algae, Fungi, Protozoa, Mycoplasma, and Actinomycetes, Characteristics and Distinctive Features of Each Microbial Type	Rhodophyta : Classification and General Characters of Division Rhodophyta Distribution of Rhodophyta Species ,Cell Structure and Pigments of Rhodophyta , Reserve Food and Thallus Range in Rhodophyta ,	Basidiomycetes Introduction to Basidiomycetes Classification and General Characters	Study of Plant Diseases - White Rust (Albugo sp.) Introduction to white rust, Causative organism (Albugo sp.) Symptoms, predisposing factors, and disease cycle Control measures for white rust		
3	Viruses Structure and Characteristics of Viruses Viral Replication Cycle Viral Pathogenesis and Diseases	Reproduction in Rhodophyta: Asexual and Sexual , Alternation of Generations in Rhodophyta, Economic Importance of Rhodophyta	Morphological Features and Structures Basidiomycetes	Tikka Disease of Groundnut (Cercospora),. Introduction to Tikka disease., Causative organism (Cercospora) Symptoms, predisposing factors, and disease cycle Control measures for Tikka disease	July	
	Bacteria Morphology and Structure of	Structure and Life Cycle of Polysiphonia	Life Cycle of Agaricus : Morphology and	Damping Off Disease (Pythium) ,		



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Class: T.Y. Bsc

	Bacteria Bacterial Growth and Reproduction Role of Bacteria in Ecology and Industry	Detailed Examination of Polysiphonia: Morphology and Anatomy	Anatomy Germination and Hyphal Growth Spore Formation Formation of Basidiocarp (Mushroom)	Introduction to damping off disease , Causative organism (Pythium) , Symptoms, predisposing factors, and disease cycle, Control measures for damping off disease	
5	Algae Overview of Algae: Definition and Characteristics Classification of Algae Importance of Algae in Aquatic Ecosystems and Biotechnology	Life Cycle of Polysiphonia: Asexual and Sexual Reproduction	Reproduction in Agaricus Basidiospore Release	Citrus Canker (Xanthomonas sp.) Introduction to citrus canker , Causative organism (Xanthomonas sp.) , Symptoms, predisposing factors, and disease cycle, Control measures for citrus canker	
6	Fungi :Introduction to Fungi: Characteristics and Classification Structure and Function of Fungal Cells Ecological Roles and Economic Importance of Fungi	Structure and Life Cycle of Batrachospermum Anatomy and Morphology of Batrachospermum	Ecological Roles and Economic Importance of Agaricus	Leaf Curl (Leaf Curl Virus), Introduction to leaf curl disease., Causative agent (Leaf curl virus), Symptoms, predisposing factors, and disease cycle., Control measures for leaf curl disease	
7	Protozoa Characteristics and Diversity of Protozoa Protozoan Morphology and Locomotion Protozoan Parasites and Diseases	Reproductive Strategies and Life Cycle of Batrachospermum	Life Cycle of Puccinia Spore Formation and Dispersal Infection of Host Plant Development of urediniospores (Ureial Satge)	Biological Control Methods of Plant Diseases., Overview of biological control methods, Introduction to biocontrol agents (e.g., beneficial microbes, predators). Application and efficacy of biological control in disease management	August
8	Mycoplasma and Actinomycetes Introduction to Mycoplasma and Actinomycetes	Classification and General Characters of Xanthophyta Overview of Division Xanthophyta , Distribution	Life Cycle of Puccinia Production of teliospores (Tilial	Study of Physical control methods of plant diseases.	



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Class: T.Y. Bsc

	Unique Features and Adaptations of Mycoplasma Importance of Actinomycetes in Antibiotic Productio	and Habitat of Xanthophyta Species, Cell Structure and Pigments of Xanthophyta : Reserve Food and Thallus Range in Xanthophyta., Modes of Reproduction: Asexual and Sexual., Alternation of Generations in	Stage) on wheat, and		
9	Culturing Techniques Principles of Microbial Culturing Sterilization Methods: Physical and Chemical Culture Media: Types and Preparation	Xanthophyta, Economic Importance of Xanthophyta., Structure and Life Cycle of Vaucheria Anatomy and Morphology of Vaucheria	Life Cycle of Puccinia Production of aeciospores on barberry.	Study of Chemical control methods of plant diseases.	
10	Staining Techniques Basics of Microbial Staining Differential Staining: Gram Staining and Acid-fast Staining., Specialized Staining Techniques for Microbial Identification	Reproduction in Vaucheria: Asexual and Sexual Life Cycle of Vaucheria	Sexual reproduction in Puccinia (spermatia) Plant Diseases Caused by Puccinia and Control Measures	Integrated Disease Management (IDM) Concept of integrated disease management Integration of physical, chemical, and biological control methods	
11	Colony Characteristics Identification of Microbial Colonies Characteristics Used for Colony Differentiation Interpretation of Colony Morphology	Classification and General Characters of Bacillariophyta Introduction to Division Bacillariophyta Global Distribution of Bacillariophyta Species Cell Structure and Pigments in Bacillariophyta	Deuteromycetes (Deuteromycota) Introduction to Deuteromycetes Classification and General Characters Significance and Role in Nature	Epidemiology of Plant Diseases Overview of plant disease epidemiology Factors influencing disease spread and severity Disease forecasting and management strategies	September




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Lecture Plan: Year-2022-23

Department: Botany

Class: T.Y. Bsc

		Reserve Food and Thallus Range in Bacillariophyta			
12	Pure Cultures Importance of Pure Cultures in Microbiology Techniques for Isolation and Maintenance of Pure Cultures Preservation Methods for Long-term Culture Storage	Reproductive Strategies: Asexual and Sexual Alternation of Generations in Bacillariophyta Economic Importance of Bacillariophyta	Life Cycle of Alternaria Morphological Features of Alternaria	Plant Disease Resistance and Host Plant Resistance Introduction to plant disease resistance Types of resistance mechanisms (e.g., innate, induced) Breeding strategies for developing resistant cultivars	
13	Aseptic Techniques Principles and Practices of Aseptic Technique Sterile Handling of Microbial Cultures and Equipment Preventing Contamination in Microbiological Work	Structure and Life Cycle of Pinnularia Anatomy and Morphology of Pinnularia	Asexual Reproduction: Conidia Formation and Dispersal of Alternaria	Emerging Plant Diseases and Global Challenges Overview of emerging plant diseases Factors contributing to disease emergence and spread Challenges and strategies for global disease management	
14	Microbial Growth Kinetics Growth Curve of Microbial Populations, Factors Influencing Microbial Growth Measurement and Control of Microbial Growth	Reproductive Patterns and Life Cycle of Pinnularia	Pathogenicity and Disease Development of Alternaria	Emerging Plant Diseases and Global Challenges Overview of emerging plant diseases	
15	Applied Microbiology Applications of Microbiology in Various Fields: Medicine, Agriculture, Industry, and Environmental Protection	Review of Previous Lectures and Concepts	Applied Mycology Industrial Applications of Fungi: Biotechnology and Bioremediation Medical Mycology: Fungal Infections and Treatments	Review and Discussion Recap of key concepts covered in the course Student presentations or discussions on related topics	October



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Lecture Plan: Year-2022-23

Class: T.Y. Bsc

Name of the Lecturer: Mr. Nitin Shelake

(Semester-VI)

Subject / Paper: **Paper –I**

Units - I, II, III, IV

(Term: 7th November 2022 to 1st May 2023)

Lecture No.	Key Points to be Covered:				Expected Months	Uni. allotted Lecture
	Unit I	Unit II	Unit III	Unit IV		
1	Introduction to Bryophytes Overview of Bryophytes Importance of Bryophytes in ecosystems Brief introduction to the G. M. Smith Classification system	Introduction to Pteridophytes Overview of Pteridophytes Importance of Pteridophytes in ecosystems Brief introduction to the G. M. Smith Classification system	Introduction to Applied Aspects of Bryophytes and Pteridophytes Overview of the course objectives and syllabus Importance of studying applied aspects of Bryophytes and Pteridophytes Introduction to key concepts: ecology, economic importance, indicators, evolution	Introduction to Gymnosperms Overview of Gymnosperms Historical background and significance Introduction to Chamberlain's Classification System	November	15 X 4 = 60 L
2	Introduction to <i>Marchantia</i> Taxonomy and classification of <i>Marchantia</i> with reasons Morphology of <i>Marchantia</i>	Introduction to Lepidophyta (<i>Lycopodium</i>) Taxonomy and classification of <i>Lycopodium</i>	Ecology of Bryophytes Habitat preferences and adaptations of Bryophytes	Life Cycle of Thuja Taxonomy and classification of Thuja		
3	Anatomy of <i>Marchantia</i> Asexual / Vegetative Reproduction in <i>Marchantia</i>	Morphology and Anatomy of <i>Lycopodium</i>	Role of Bryophytes in ecosystem processes Interactions with other organisms and environmental factors	Life Cycle of Thuja Morphology and anatomy of Thuja		
4	Life Cycle of <i>Marchantia</i> (Gametophyte) Introduction to the gametophyte generation Gametophyte structure and function Gametophyte development and growth	Gametophyte generation: structure and function Male and Female Gametophyte	Economic Importance of Bryophytes Commercial uses of Bryophytes: horticulture, medicine, cosmetics, etc. Contributions to ecosystem services and biodiversity conservation	Life Cycle of Thuja Reproductive structures and processes in Thuja	December	



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5	Life Cycle of <i>Marchantia</i> (Sporophyte) Introduction to the sporophyte generation Sporophyte structure and function	Sporophyte generation: structure and function and development	Bryophytes as Indicators Use of Bryophytes in environmental monitoring and assessment Indicators of habitat quality, pollution, and climate change	Life Cycle of Thuja Sporophyte generation: structure, function, and development Gametophyte generation: structure, function, and development Alternation of generations in Thuja	
6	Sporophyte development and growth Alternation of Generation in <i>Marchantia</i>	Introduction to Calamophyta (<i>Equisetum</i>) Taxonomy and classification of <i>Equisetum</i>	Evolution of Sporophyte and Gametophyte in Bryophytes Evolutionary history of Bryophytes	Life Cycle of Thuja Sporophyte generation: structure, function, and development Gametophyte generation: structure, function, and development Alternation of generations in Thuja	
7	Introduction to <i>Pelvia</i> Taxonomy and classification of <i>Pelvia</i> with reasons, Morphology of <i>Pelvia</i>	Morphology And anatomy of <i>Equisetum</i>	Comparative morphology and development of sporophyte and gametophyte generations Significance of alternation of generations in Bryophytes	Life Cycle of Gnetum Taxonomy and classification of Gnetum	January
8	Anatomy of <i>Pelvia</i> ia Asexual / Vegetative Reproduction in <i>Pelvia</i>	Reproduction in <i>Equisetum</i> , <i>Equisetum</i> Gametophyte structure and function Male Gametophyte, and Development	Economic Importance of Pteridophytes Commercial uses of Pteridophytes: ornamental plants, food, medicine, etc. Contributions to ecosystem services and restoration projects	Life Cycle of Gnetum Morphology and anatomy of Gnetum	
9	Life Cycle of <i>Pelvia</i> (Gametophyte)	<i>Equisetum</i> Gametophyte generation: structure and	Diversity and Distribution of Indian Pteridophytes	Life Cycle of Gnetum Reproductive structures and	



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	Introduction to the gametophyte generation Gametophyte structure and function Gametophyte development and growth	function Female Gametophyte and Development	Overview of Pteridophyte diversity in India	processes in Gnetum	
10	Life Cycle of <i>Pelvia</i> (Sporophyte) Introduction to the sporophyte generation Sporophyte structure and function	<i>Equisetum</i> Sporophyte generation: structure and function and Development	Factors influencing distribution patterns Conservation status and threats to Indian Pteridophytes	Life Cycle of Gnetum Sporophyte generation: structure, function, and development Gametophyte generation: structure, function, and development Alternation of generations in Gnetum	
11	Sporophyte development and growth & Alternation of Generation in <i>Pelvia</i>	Introduction to Pterophyta Taxonomy and classification of Pterophyta Morphology of <i>Adiantum</i> and <i>Marsilea</i>	Types of Sori and Evolution of Sori in Pteridophytes Definition and significance of sori in Pteridophytes	Life Cycle of <i>Ephedra</i> Taxonomy and classification of <i>Ephedra</i>	February
12	Introduction to <i>Sphagnum</i> Taxonomy and classification of <i>Sphagnum</i> with reasons Morphology of <i>Sphagnum</i>	Introduction to the life cycle of <i>Adiantum</i> Gametophyte generation: structure and function and development of Male and female gametophyte	Diversity of sorus types and their evolutionary adaptations Role of sori in reproductive strategies and dispersal	Life Cycle of <i>Ephedra</i> Morphology and anatomy of <i>Ephedra</i>	
13	Anatomy of <i>Sphagnum</i> ia Asexual / Vegetative Reproduction in <i>Sphagnum</i>	Sporophyte generation of <i>Adiantum</i> : structure and function and development	applications of Bryophytes and Pteridophytes in various fields such as forestry, agriculture, pharmaceuticals, and environmental management	Life Cycle of <i>Ephedra</i> Reproductive structures and processes in <i>Ephedra</i>	
14	Life Cycle of <i>Sphagnum</i>	Introduction to the life cycle of	Summary of key takeaways and	Life Cycle of <i>Ephedra</i>	

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Ismail Yusuf College of Arts, Science & Commerce,
Lecture Plan: Year-2022-23


Department: Botany

Class: T.Y. Bsc

	(Gametophyte) Introduction to the gametophyte generation Gametophyte structure and function Gametophyte development and growth	Marsilea Gametophyte generation: structure and function and development of Male and female gametophyte	conclusion of the course	Sporophyte generation: structure, function, and development Gametophyte generation: structure, function, and development Alternation of generations in Ephedra		
15	Life Cycle of <i>Sphagnum</i> (Sporophyte) Introduction to the sporophyte generation Sporophyte structure and function Sporophyte development and growth	Sporophyte generation Marsilea : structure and function and development	Revision of the course	Economic Importance of Gymnosperms Timber and wood products Medicinal uses Ornamental and landscaping value Ecological significance and conservation efforts	March	




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**GOVERNMENT OF MAHARASHTRA'S
ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE AND
COMMERCE
JOGESHWARI (EAST), MUMBAI – 60
*Department of Philosophy***

LECTURE PLAN



ACADEMIC YEAR 2022 - 2023
CLASS- FYBA
SUBJECT - PHILOSOPHY PAPER – I UAPHI 101
SEMESTER I

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	<p>Introduction to Moral Philosophy</p> <ul style="list-style-type: none"> • Definition, nature and scope (branches) of philosophy • Nature of moral philosophy (facts and values; intrinsic and extrinsic values) and areas of ethics (descriptive ethics, normative ethics, meta-ethics and applied ethics) • Ethical Relativism: arguments defending this position; critical evaluation 	15 lectures	July

UNIT II	Topics	University allotted lectures	Expected month
	<p>Moral concepts in Indian Philosophy</p> <p>(a) Philosophy of non-attachment (Nishkama karma yoga)</p> <p>(b) Sthitaprajna: the moral ideal</p> <p>(c) Concepts of Rta, Rna, and Purusartha</p>	15 lectures	August

UNIT III	Topics	University allotted lectures	Expected month
	<p>The Good Life: Greek Ethics</p> <ul style="list-style-type: none"> • Socratic Ethics: virtue is knowledge; can ethics be taught? • The Four Virtues: Plato (in the context of Republic) • Ethics of Character: Aristotle 	15 lectures	September

UNIT IV	Topics	University allotted lectures	Expected month
	<p data-bbox="304 488 975 524">Are we Free?: Freedom and Determinism</p> <ul data-bbox="352 577 1023 1039" style="list-style-type: none"> <li data-bbox="352 577 1023 779">• Determinism: types of determinism: scientific determinism, religious determinism (i.e. predestination) and fatalism; critical appraisal of determinism. <li data-bbox="352 792 1023 949">• Indeterminism (i.e. libertarianism): arguments in support of free will; agency theory of freedom; critical appraisal of indeterminism <li data-bbox="352 963 1023 1039">• Compatibilism: reconciling determinism and freedom 	15 lectures	October




Dr. Gandhi Dehury
HEAD OF THE DEPARTMENT

ACADEMIC YEAR 2022 - 2023
CLASS- FYBA
SUBJECT - PHILOSOPHY PAPER – I UAPHI 201
SEMESTER II

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	<p>Morality of Self-interest</p> <p>(a) Hedonistic Egoism: Epicurus (b) Psychological Egoism: Thomas Hobbes (c) Ethical Egoism: Ayn Rand</p>	15 lectures	December



UNIT II	Topics	University allotted lectures	Expected month
	<p>Modern Ethical Theories</p> <p>(a) Ethics of altruism: David Hume: nature and origin of morality: sentiment (sympathy) versus reason; Virtues: artificial and natural</p> <p>(b) Deontological Ethics: Immanuel Kant: Categorical Imperative: formula of Universal law and formula of End-in-itself, critical appraisal.</p> <p>(c) Utilitarianism: John Stuart Mill: Critique of Jeremy Bentham's view; Greatest Happiness principle, higher and lower pleasures, two sanctions, critical appraisal.</p>	15 lectures	January

UNIT III	Topics	University allotted lectures	Expected month
	<p>Alternative Ethical Theories</p> <p>(a) Augustinian Ethics: Happiness and Virtue, love of God and neighbour</p> <p>(b) Feminist Ethics: Ethics of Care: Carol Gilligan (against the backdrop of Lawrence Kohlberg's 'Stages of Moral Development')</p> <p>(c) Existentialist Ethics: Jean Paul Sartre</p>	15 lectures	February

UNIT IV	Topics	University allotted lectures	Expected month
	<p>Theories of Punishment</p> <p>(a) Retributive theory, critical appraisal</p> <p>(b) Deterrent theory and reformative approach to punishment; critical appraisal</p> <p>(c) Capital punishment: rationalists versus abolitionists</p>	15 lectures	March



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ACADEMIC YEAR 2022 - 2023
CLASS- SYBA
SUBJECT - PHILOSOPHY PAPER – II UAPHI 201
LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	<p>Morality of Self-interest</p> <p>(a) Hedonistic Egoism: Epicurus (b) Psychological Egoism: Thomas Hobbes (c) Ethical Egoism: Ayn Rand</p>	15 lectures	December



UNIT II	Topics	University allotted lectures	Expected month
	<p>Modern Ethical Theories</p> <p>(a) Ethics of altruism: David Hume: nature and origin of morality: sentiment (sympathy) versus reason; Virtues: artificial and natural</p> <p>(b) Deontological Ethics: Immanuel Kant: Categorical Imperative: formula of Universal law and formula of End-in-itself, critical appraisal.</p> <p>(c) Utilitarianism: John Stuart Mill: Critique of Jeremy Bentham's view; Greatest Happiness principle, higher and lower pleasures, two sanctions, critical appraisal.</p>	15 lectures	January

UNIT III	Topics	University allotted lectures	Expected month
	<p>Alternative Ethical Theories</p> <p>(a) Augustinian Ethics: Happiness and Virtue, love of God and neighbour</p> <p>(b) Feminist Ethics: Ethics of Care: Carol Gilligan (against the backdrop of Lawrence Kohlberg's 'Stages of Moral Development')</p> <p>(c) Existentialist Ethics: Jean Paul Sartre</p>	15 lectures	February



UNIT IV	Topics	University allotted lectures	Expected month
	<p>Theories of Punishment</p> <p>(a) Retributive theory, critical appraisal</p> <p>(b) Deterrent theory and reformative approach to punishment; critical appraisal</p> <p>(c) Capital punishment: rationalists versus abolitionists</p>	15 lectures	March

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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - INDIAN PHILOSOPHY (ADVANCED) Credits: 4
Code: UAPHI 601
SEMESTER V

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Nyaya & Vaisesika. <ul style="list-style-type: none"> • Pratyaksa- types • Inference & Verbal Testimony • Vaisesika – Atomism (Sapta Padarthas- focus on visesa and introductory remarks on Realism) 	15 lectures	July

UNIT II	Topics	University allotted lectures	Expected month
	Samkhya and Yoga <ul style="list-style-type: none"> • Prakriti & Purusa and Samkhya theory of Evolution • Satkarya vada (against Nyaya’s asatkaryavada) • c) Bahiranga Yoga (Yama, Niyama, Asana, Pranayama & Pratyahara 	15 lectures	August

UNIT III	Topics	University allotted lectures	Expected month
	Purva & Uttara Mimamsa <ul style="list-style-type: none"> • A) Mimasa- Seven Principles of interpreting text • Advaita Vedanta- three levels of reality (Satta traya) & vivartavada 	15 lectures	September

UNIT IV	Topics	University allotted lectures	Expected month



	Two Contemporary Thinkers <ul style="list-style-type: none">• J. Krishnamurthy – freedom , truth as pathless land• Rabindranath tagore.- 3 tier freedom (cognitive, conative, affective) and concept of man	15 lectures	October
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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT – WESTERN PHILOSOPHY (ADVANCED) Credits: 4
Code: UAPHI 601
SEMESTER VI

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	<p>Rationalism</p> <ul style="list-style-type: none"> • Rene Descartes: (i) Methodic doubt (features of doubt, application of doubt, cogito ergo sum), (ii) nature of ‘self and not-self in terms of substance (substance dualism) • Baruch Spinoza: (i) Metaphysics: definition and meaning of substance and how it leads to monism • G.W. Leibniz: (i) Metaphysics: the concept of monads as simple substances: monadology and how it involves pluralism 	15 lectures	December

UNIT II	Topics	University allotted lectures	Expected month
	<p>Empiricism</p> <ul style="list-style-type: none"> • (a) John Locke: (i) Rejection of innate ideas (ii) epistemology: origin, classification and definition of knowledge (including degrees of knowledge) • George Berkeley: critique of representatIVE theory of perception leading to subjectIVe idealism • DaIVd Hume: (i) phenomenalistIVic View of self (i.e. rejection of self as substance) (ii) causal relation as ‘constant conjunction’ between two events. 	15 lectures	January

UNIT III	Topics	University allotted lectures	Expected month



	Critical Philosophy: Immanuel Kant <ul style="list-style-type: none"> • Copernican Revolution and Reconciliation of rationalism and empiricism • Causation: (reply to Hume's View) 'necessary relation' between two events 	15 lectures	February
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UNIT IV	Topics	University allotted lectures	Expected month
	Strands of Analytic philosophy <ul style="list-style-type: none"> • Logical positivism: elimination of metaphysics through the verification of principle and the problems associated with it • Ordinary Language Philosophy with special reference to later Wittgenstein: language as a source of philosophical confusions and philosophy as a therapeutic activity 	15 lectures	March



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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - Philosophy of Religion Credits: 4
Code: UAPHI 502
SEMESTER V

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Introduction to Philosophy of Religion <ul style="list-style-type: none"> • What is Philosophy of Religion and how it is different from Religion and Theology. • Concept of creation: Deism, Pantheism and Theism (with Critique) 	15 lectures	July

UNIT II	Topics	University allotted lectures	Expected month
	Theories of existence of God <ul style="list-style-type: none"> • Ontological (Anslem, Descartes and Kant) • Causal Cosmological (Aquinas, Leibniz and Hume) • Teleological (Aquinas, Paley and Kant) 	15 lectures	August



UNIT III	Topics	University allotted lectures	Expected month

	Religious Language <ul style="list-style-type: none"> • Analogical function of religious language (Thomas Aquinas) • Symbolic function of religious language (Paul Tillich) • Non Cognitive J. R. Randall (Jr.) – Religious language as functional (cultural, artistic, social and religious) and symbolic; R. B. Braithwaite – Religious language from Linguistic perspective (emotive, ethical and prescriptive) 	15 lectures	September
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UNIT IV	Topics	University allotted lectures	Expected month
	Religious Experience <ul style="list-style-type: none"> • William James (variety of religious experience) • Mysticism: Jnaneshwar, Lalleshwari and John of the Cross 	15 lectures	October



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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT – Philosophy of Religion Credits: 4
Code: UAPHI 602
SEMESTER VI

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Existential approach to Religion <ul style="list-style-type: none"> • Soren Kierkegaard (three stages of existence: aesthetics, ethical and religious) • Frederich Nietzsche (critique of slave morality in favour of transvaluation of values) 	15 lectures	December

UNIT II	Topics	University allotted lectures	Expected month
	Challenges to Religion <ul style="list-style-type: none"> • The Marxist Challenge • The Freudian Challenge • Eric Fromm: Humanism as a Challenge 	15 lectures	January

UNIT III	Topics	University allotted lectures	Expected month
	Immortality of Soul <ul style="list-style-type: none"> • Plato (the arguments contained in the dialogue Phaedo) and Kant (immortality as a postulate of morality) • The concepts of Resurrection and Transmigration 	15 lectures	February



UNIT IV	Topics	University allotted lectures	Expected month

	Question of Evil: <ul style="list-style-type: none">• Problem of evil• St. Augustine's account of the problem and solution• Sankaracharya's view on evil	15 lectures	March
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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - Living ethical Issues Credits: 3
Code: UAPHI 503
SEMESTER V

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant



UNIT I	Topics	University allotted lectures	Expected month
	Religious attitudes toward the Environment <ul style="list-style-type: none"> • Vedic Puranic View. • Judeo-Christian View. 	10 lectures	July

UNIT II	Topics	University allotted lectures	Expected month
	Environmental Ethics <ul style="list-style-type: none"> • Shallow and Deep ecology models of sustainable development. • Eco-feminism and sustainable development. 	12 lectures	August

UNIT III	Topics	University allotted lectures	Expected month
	Some Living Ethical Debates <ul style="list-style-type: none"> • Obligations to future generations. • Ethics of nuclear technology 	13 lectures	September

UNIT IV	Topics	University allotted lectures	Expected month

	Freedom of Expression and Media (Print and electronic news) <ul style="list-style-type: none">• Privacy and censorship in media.• Truth telling in Journalism (Truthfulness, Fairness and objectivity in Journalism)	10 lectures	October
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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT – Living Ethical Issues Credits: 3
Code: UAPHI 603
SEMESTER VI

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	<p>Bioethical Issues</p> <ul style="list-style-type: none"> • Abortion: the abortion debate: pro-choice (abortionists) versus pro-life (antiabortionists); the moral and legal justification of abortion: pros and cons • Euthanasia: the moral issue: conflict between duty to prolong life versus duty to relieve pain; forms of euthanasia: voluntary/non-voluntary and actIVE/passIVE; moral and legal justification of euthanasia: pros and cons 	15 lectures	December

UNIT II	Topics	University allotted lectures	Expected month
	<p>Ethical Issues in ReproductIVe Technologies</p> <ul style="list-style-type: none"> • Surrogate motherhood: nature of surrogate arrangements (will include ways in which the surrogate is inseminated, and altruistic and commercial surrogacy); redefining the notion of ‘mother’ – genetic, biological and social; advantages and critique of surrogate arrangements. • Ethics of Human Cloning: what is human cloning?; issues that make human cloning attractIVe; ethical dangers involved in human cloning. 	15 lectures	January



UNIT III	Topics	University allotted lectures	Expected month

	Ethical Issues in Experimentation <ul style="list-style-type: none"> Ethical issues in human research: the principles of respect for autonomy of persons, beneficence and justice Ethical issues in animal research: arguments for and against animal rights; ethical issues in scientific research on animals. 	15 lectures	February
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UNIT IV	Topics	University allotted lectures	Expected month
	Sexual Ethics <ul style="list-style-type: none"> Pornography and censorship: pornography and obscenity; arguments for and against pornography; is censorship of pornographic material justified? Homosexuality: arguments for and against homosexuality (including feminist arguments); is the State interference in individuals' sexual preferences justified? 	15 lectures	March



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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - Philosophy of Bhagavad Gita Credits: 4

Code: UAPHI 504
SEMESTER V

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Introduction to Gita <ul style="list-style-type: none">• Relationship between the Upanishads and Bhagwad Gita.• Vishaad Yoga• Krishna's reply	15 lectures	July

UNIT II	Topics	University allotted lectures	Expected month
	Samkhya Yoga <ul style="list-style-type: none">• Samkhya Buddhi• Yoga Buddhi	15 lectures	August



UNIT III	Topics	University allotted lectures	Expected month
	Concept of God <ul style="list-style-type: none">• Personal Aspect• Impersonal Aspect	15 lectures	September

UNIT IV	Topics	University allotted lectures	Expected month
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	Karma Yoga <ul style="list-style-type: none">• Karma, Akarma and Vikarma• Nishkama Karmayoga• Yajna	15 lectures	October
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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - Philosophy of Bhagavad Gita Credits: 4
Code: UAPHI 604
SEMESTER VI

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Freedom of Will <ul style="list-style-type: none">• Concept of Atman• Swadharma• Varnashramadharma	15 lectures	December

UNIT II	Topics	University allotted lectures	Expected month
	Creation and Evolution <ul style="list-style-type: none">• God and the world• Cosmic evolution	15 lectures	January

UNIT III	Topics	University allotted lectures	Expected month
	Liberation <ul style="list-style-type: none">• Jnana yoga• Bhakti yoga• Saranagati	15 lectures	February



UNIT IV	Topics	University allotted lectures	Expected month
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	Relevance of Gita <ul style="list-style-type: none">• Reconciliation of paths, idea of harmony and peace• Values highlighted in Gita<ul style="list-style-type: none">(i) DaIVI-Asuri Sampat(ii) Lokasamgraha(iii) Sthitaprajna(iv) Gunatita	15 lectures	March
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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - Formal Logic Code: UAPHI 505 A

SEMESTER V

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Traditional Classification of Proposition: <ul style="list-style-type: none">• Notion of Aristotelian Categorical Subject-Predicate type of propositions• The Four fold classification of Proposition (A, E, I, O)• Distribution of Terms in a Categorical Proposition	15 lectures	July
UNIT II	Topics	University allotted lectures	Expected month
	Immediate inference: <ul style="list-style-type: none">• Opposition of Propositions and inference based on it (Theory & Exercises)• Eduction: Conversion, Obversion, Obverted Converse, Contraposition (Partial and Full) and Inversion (Partial and Full) (Theory and Exercises: Testing the validity of arguments)	15 lectures	August
UNIT III	Topics	University allotted lectures	Expected month
	Mediate Inference (Only Syllogistic) - Theory: <ul style="list-style-type: none">• Nature of Syllogism – Categorical• Types of Syllogism – Categorical and Conditional• General Rules governing Categorical Syllogistic Arguments	15 lectures	September
UNIT IV	Topics	University allotted lectures	Expected month



	<p>Mediate Inference (Only Syllogistic) – Exercises:</p> <ul style="list-style-type: none">• Special Rules of Four Figures and Moods• Venn Diagram Technique for testing Syllogism	15 lectures	October
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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT – Formal Logic Code: UAPHI 605 A
SEMESTER VI

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Propositional Calculus: <ul style="list-style-type: none">• Modern Classification of Proposition: Simple and Compound Proposition; Truth Conditions of Compound Propositions• Shorter truth-table Method: To determine the statement forms to be tautologies or not tautologies.	15 lectures	December

UNIT II	Topics	University allotted lectures	Expected month
	<ul style="list-style-type: none">• The Methods of Deduction: Formal proof of validity; nine rules of Inference and ten logical equivalences constituting the Rules of Replacement and Testing the validity of arguments through the 19 rules.• Rules of Conditional Proof and Indirect proof; testing the validity of arguments through the C.P. and I.P.	15 lectures	January



UNIT III	Topics	University allotted lectures	Expected month
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	<p>Conjunctive and disjunctive Normal Forms (C.N.F. & D.N.F.)</p> <ul style="list-style-type: none"> • Theory: when a statement forms is said to be in C.N.F. and when a statement form is said to be D.N.F. • Exercise: Reduce the given statement form to its C.N.F. and decide whether it is a Tautology or not a tautology. • Exercise: Reduce the given statement form to its D.N.F. and decide whether it is a Tautology or not a tautology. 	15 lectures	February
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UNIT IV	Topics	University allotted lectures	Expected month
	<p>Predicate Calculus – Quantification Theory:</p> <ul style="list-style-type: none"> • Singular and General Proposition, Propositional Function and Propositions • Rules governing Quantifiers: U.I, U.G., E.I., E.G. (Preliminary version) • Proving the Validity of arguments in Quantificational Logic through the above rules. 	15 lectures	March



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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT - : Philosophy of Yoga Credits: 3
Code: UAPHI506A
SEMESTER V

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Introduction to Yoga: <ul style="list-style-type: none">• Misconceptions of Yoga and Upanishadic concept of Yoga• Definition and Meaning of Yoga in Bhagavadgita-“Samattvam Yoga Uchyate”(equanimity is yoga) and “Yogah Karmasu Kaushalam” (dexterity in action is yoga)	10 lectures	July

UNIT II	Topics	University allotted lectures	Expected month
	Kinds or varieties of Yoga: <ul style="list-style-type: none">• Jnana-Yoga, Karma-Yoga, Bhakti-Yoga• Mantra yoga, Hatha Yoga Kundalini Yoga	12 lectures	August



UNIT III	Topics	University allotted lectures	Expected month
	Patanjala-yoga: <ul style="list-style-type: none">• Yogashchittavrutti-nirodhah-chitta and vrittis (mental modifications)• pramana, right knowledge ivparyaya, (wrong knowledge) ivkalpa, (verbal delusion) nidra, (sleep) smruti; (memory) klistha – aklistha (painful & nonpainful) five kinds of kleshas (afflictions)	13 lectures	September

UNIT IV	Topics	University allotted lectures	Expected month
	Bahirangasadhana: (external discipline) <ul style="list-style-type: none">• Yamas-Niyamas and their ethico-spiritual significance• Techniques of Asana and Pranayama- results and benefits: Pratyahara	10 lectures	October



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ACADEMIC YEAR 2022-2023
CLASS- TYBA
SUBJECT – Philosophy of Yoga Credits: 3
Code: UAPHI606A
SEMESTER IV

LECTURER NAME- Dr. Gandhi Dehury & Dr. Jayshing Sawant

UNIT I	Topics	University allotted lectures	Expected month
	Antarangasadhana (Inner discipline) <ul style="list-style-type: none">• Dharana and Dhyana – Definitions, nature and importance• Samadhi – Definition, types and Significance.	15 lectures	December

UNIT II	Topics	University allotted lectures	Expected month
	Transcendental / Psycho-spiritual Yoga <ul style="list-style-type: none">• Siddhis/IVbhutis as obstacles to Samadhi and the Ideal of KaIValya.• God and Pranava-“ tasya vacakah Pranavah.” (The primordial sound Om)	15 lectures	January

UNIT III	Topics	University allotted lectures	Expected month
	Applications of Yoga <ul style="list-style-type: none">• Yoga for health and integrated development• Corporate Yoga; Yogic Counselling	15 lectures	February



UNIT IV	Topics	University allotted lectures	Expected month
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	<p>Kinds or varieties of Yoga</p> <ul style="list-style-type: none">• Jnana-Yoga Hatha Yoga• Karma-Yoga• Mantra yoga• Kundalini Yoga	15 lectures	March
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DEPARTMENT OF COMMERCE
TEACHING PLAN – 2022-23
CLASS: FYBCOM
DIVISION: I, II, III, IV
SEMESTER: I

SUBJECT: ACCOUNTANCY & FINANCIAL MANAGEMENT

Subject Teachers: Dr. Arvind Luhar, Saima Mestry, Kiran Rane, Deepa Pal

Month	No of Lectures	Topics
July	14	AS-1 Disclosure of Accounting Policies, AS- 2 Valuation of Inventories and AS-9 Revenue Recognition
		Inventory Valuation: Introduction, Importance of Stock valuation, FIFO Method, Advantages and Disadvantages
		Practical Question based on FIFO Method
		Weighted Average Method, Advantages and Disadvantages, Practical Question based on WAM
August	13	Capital and Revenue Receipts and Expenditure, Introduction of Capital and Revenue Expenditure and Practical
		Question based on Capital and Revenue Expenditure
		Introduction of Capital and Revenue Receipt and Practical Question based on Capital and Revenue Receipt
		Introduction of Final Accounts of Manufacturing Concern + Practical Questions
		Practical Questions on Final Accounts



September	13	Introduction of Departmental Accounts - Basis of Allocation of Expenses & Incomes
		Practical Questions - Inter Departmental Transfer at Cost Price & Invoice Price
		Stock Reserve - Practical Questions
		Practical Questions and Revision
October	12	Basic Accounting Concepts - Introduction to Hire Purchase and Meaning Calculation of Interest and Practical Questions Accounting Treatment Of Hire Purchase System - Journal Entries
		Practical Questions - In the Books of Hirer Practical Questions -In the Books of Vendor

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SUBJECT: COMMERCE**Subject Teachers: Prof. Hemraj Bari, Shraddha Jadhav, Samrah Shaikh**

Sr. No.	Topic	Sub-topics	Number of lectures
1.	Module-I	Concept , Function, Significance of business, scope Traditional and Modern concept Steps in setting business objectives Classification of business objectives Reconciliation of Economic & Social objective New Trends in Business	2 2 2 1 2 3
2.	Module- II	Introduction , importance Interrelationship between business & Environment Current Trends in the World WTO Trading blocs & their impact on Indian business	2 2 3 2 2
3.	Module – III	Business planning process Project planning, project report, feasibility study types & its importance Concept & stages of Business Unit promotion Location – factors determining location & Role of Government in promotion Statutory requirements in promoting business unit Licensing & registration procedure Filing returns & other documents	4 4 3
4	Module - IV	Introduction- Concept of Entrepreneurship , factors contributing to its growth Entrepreneur & manager Entrepreneur and Intrapreneur Types of entrepreneurs Entrepreneurship training & development centers in India Incentives to entrepreneurs in India Women entrepreneurs problems And promotion	1 1 1 2 1 1

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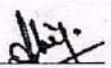
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Jogeshwari (East), Mumbai -400 060.

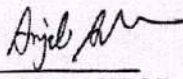
SUBJECT: Environmental studies
Subject Teachers: Shraddha Jadhav, Shifa Saadan

Month	Name of the Topic	Total lectures of the month (Environmental Studies)
June	<p>Unit- I Environment and Ecosystem Meaning, Definition, Scope and its Components</p> <p>i) Ecosystem and Ecology: Definition, Characteristics, Components and Types</p> <p>iii) Functioning of the Ecosystem; Food Chain and Food Web- Ecological Pyramid Man and Environment Relationship</p> <p>iv) Importance and Scope of Environmental Studies</p>	08
July	<p>Unit- II Natural Resources and Sustainable Development</p> <p>i) Meaning and Definition of Resources</p> <p>ii) Classification and Types of Resources</p> <p>iii) Factor Influencing Resources</p> <p>iv) Resource Conservation- Meaning and</p> <p>v) Methods- Conventional and Non- Conventional Resources Problems Associated with Management of Water, Forest and Energy Resources.</p> <p>vi) Resource Utilization and Sustainable Development.</p>	14
August	<p align="center"><u>Unit- III Populations and Emerging Issues of Development</u></p> <p align="center">Population Explosion in the World and in India and Arising Concerns. Demographic Transition Theory Patterns of Population Growth in the World The World Happiness Index Human Development Index Environment and Human Health Human Population and Environment</p>	13



September	<p align="center"><u>Unit- IV URBANISATION AND ENVIRONMENT</u></p> <p>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 Bio-diversity Urban Heat – Islands Emerging Smart Cities and Safe Cities in India</p>	13
October	<p><u>Unit-V Reading of Thematic Maps and Map Filling</u></p> <p>Reading of Thematic Maps: Located Bar Diagram, Located Circles, Pie Diagram, Isopleth, Choropleth, Flow Map, Pictogram</p> <p>Map Filling of World (Environmentally Significant Features) Examinations and Assessment</p>	14


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DEPARTMENT OF COMMERCE
TEACHING PLAN – 2022-23
CLASS: FYBCOM
DIVISION: I, II, III, IV
SEMESTER: II

SUBJECT: COMMERCE

Subject Teachers: Prof. Hemraj Bari, Sumaiya Khan, Samrah Shaikh

Sr. No	Month	Sub-topics	Number of lectures
1	Dec/January	Concept of services Concept of services, characteristics , scope & classification of services, importance of service sector in the Indian context consumer expectations for services mix, product , place, price, promotion process of services delivery physical evidence & people market research & service development cycle, managing demand & capacity opportunities & challenges in service sector	2 1 1 2 1 1 2 1
2	February	Retailing Organized & unorganized retailing Trends in retailing & growth of organized Retailing Survival strategies for unorganized retailers Store format , non- store format Store planning , design & layout Scenario in India & Global- context- prospects & challenges in India Mall management – Retail Franchising FDI in retailing, Careers in retailing	2 1 1 2 1 2 2
3	March	Recent trends in service sector ITES- concept & scope of BPO, KPO, LPO & ERP ATM, Debit & credit cards, internet banking, FDI and its impact on Banking insurance sector in India Logistics- networking – importance - challenges	2 2 2 3 1
4	April	E- COMMERCE – meaning, features Functions & scope of E- commerce Importance, Limitations of E- commerce Basic ideas & major activities Of B2C,B2B,C2C3 transition of E- commerce in India E- transition challenges for Indian corporate On-line marketing research	2 1 1 1 3 1

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S. Shaikh
Su. Khan

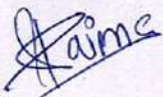
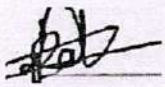


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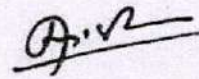
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SUBJECT: ACCOUNTANCY & FINANCIAL MANAGEMENT
Subject Teachers: Dr. Arvind Luhar, Kiran Rane, Saima Mestry, Deepa Pal

Month	No of Lectures	Topics
Dec/January	13	Accounting from Incomplete Records Introduction Problems on Preparation of Final Accounts of Proprietary Trading Concern (Conversion Method)
February	14	Consignment Accounts Accounting for Consignment Transactions Valuation of Stock Invoicing of Goods at Higher Price (Excluding Overriding Commission, Normal/Abnormal Losses)
March	13	Branch Accounts Meaning / Classification of Branches Accounting for Dependent Branch Not Maintaining Full Books Debtors Method Stock and Debtors Method
April	12	Fire Insurance Claims Computation of Loss of Stock by Fire Ascertainment of Claim as per the Insurance Policy Exclude: Loss of Profit and Consequential Loss



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SUBJECT: Environmental studies
Subject Teachers: Shifa Saadan, Shraddha Jadhav

Month	Name of the Topic	Number of Lectures	Total lectures of the month
Dec/ January	<p><u>Solid Waste Management For Sustainable Society</u></p> <p>I) Classification of Solid Waste- Types and sources of Solid Waste</p> <p>II) Effects of Solid Waste- Pollution, Health Hazards, Environmental Impacts.</p> <p>i) Solid Waste Management in Mumbai, Schemes and Initiatives run by the MCGM, Role of Citizens in Waste Management in Mumbai.</p>	<p>4</p> <p>4</p> <p>5</p>	13
February	<p><u>Agriculture And Industrial Development</u></p> <p>i) Environmental Problems Associated With Agriculture:</p> <ul style="list-style-type: none"> · Loss of Productivity, Land Degradation and Desertification · Food Supply & Security <p>ii) Uneven Food Production- Hunger, Malnutrition and Food Security</p> <p>iii) Sustainable Agricultural Practices</p> <p>iv) Environmental Problems Associated with Industries:</p>	<p>2</p> <p>2</p> <p>1</p> <p>1</p> <p>1</p>	10
March	<p>Sustainable Industrial Practices:</p> <ul style="list-style-type: none"> · Green Business · Green Consumerism and · Corporate Social Responsibility <p><u>Environment And Tourism</u></p> <p>I) Tourism: Meaning, Nature, Scope and Importance</p> <p>II) Typology of Tourism</p> <p>III) Tourism Potentials in India and Challenges Before India</p> <p>IV) New Tourism Policy of India</p> <p>V) Consequences of Tourism: Positive and Negative Impacts on Economy, Culture and Environment</p> <p>VI) Ecotourism</p>	<p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>3</p> <p>2</p>	16



April	<u>Environmental Movements And Management</u> i) Environmental Movements in India: · Save Narmada Movement, · Chipko Movement, · Appiko Movement, · Save Western Ghat and · Save Jaitapur iii) Environmental Management: · Concept, Need and Relevance, · Concept of ISO 14000 and 16000, · Carbon Bank and Carbon Credit, · Environmental Impact Assessment (EIA), · Environment Protection Acts,	5 1 1 2 1 1	13
April	Map Filling i) Mumbai Map ii) Konkan Map	4 4	8

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DEPARTMENT OF COMMERCE
TEACHING PLAN – 2022-23
CLASS: SYBCOM
DIVISION: I, II, III, IV

Subject: Commerce III

Name of the faculty Members: Prof. Hemraj Bari, Samrah Shaikh

Semester III			
SR No	Module	Particular	No of Lectures
1	Introduction to Management	<ul style="list-style-type: none"> • .Management- Concept, Nature, Functions, Managerial Skills & Competencies • Evolution of Management Thoughts Classical Approach: Scientific Management – F. W. Taylor's Contribution Classical Organisation Theory: Henri Fayol's Principles Neo Classical: Human Relations Approach – Elton Mayo's Hawthorne experiments • Modern Management Approach-Peter Drucker's Dimensions of Management, Indian Management Thoughts: Origin & Significance of Indian Ethos to Management. 	June/July-13
2	Planning & Decision Making	<ul style="list-style-type: none"> • Planning - Steps, Importance, Components, Coordination – Importance • M.B.O -Process, Advantages, Management By Exception-Advantages; Management Information System- Concept, Components Decision Making - Techniques, Essentials of a Sound Decision Making, Impact of Technology on Decision Making. 	August - 12
3	Organising	<ul style="list-style-type: none"> • Organising-Steps, Organisation Structures – Features of Line & Staff Organisation, Matrix Organisation, Virtual Organisation, Formal v/s Informal Organisation. • Departmentation -Meaning -Bases, Span of Management-Factors Influencing Span of Management, Tall and Flat Organisation. 	September-14



		<ul style="list-style-type: none"> • Delegation of Authority- Process, Barriers to Delegation, Principles of Effective Delegation. Decentralisation: Factors Influencing Decentralisation, Centralization v/s Decentralisation 	
4	Directing & Controlling	<ul style="list-style-type: none"> • Motivation – Concept, Importance, Influencing factors. Importance of Communication, Barriers to effective Communication • Leadership- Concept, Functions, Styles, Qualities of a good leader. • Controlling – Concept, Steps, Essentials of good control system, Techniques of Controlling -PERT, CPM, Budgetary Control, Management Audit. 	October - 15

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Subject: Commerce IV

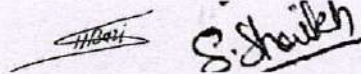
Name of the faculty Members: Prof. Hemraj Bari, Samrah Shaikh

Semester IV

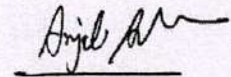
SR No	Module	Particular	No of Lectures
1	Production & Inventory Management	<ul style="list-style-type: none">• Production Management: Objectives, ScopeProduction Planning & Control : Steps, Importance• Production Systems: Concept, Types - Continuous and Intermittent. Productivity: Concept, Factors Influencing Productivity, Measures for improving Productivity.• Inventory Management- Objectives, Inventory Control- Techniques. Scientific Inventory Control	December- 11
2	Quality Management	<ul style="list-style-type: none">• Introduction to Quality: Dimensions of Quality, Cost of Quality: Types – Internal Failure Cost, External Failure Cost, Appraisal Cost, Prevention Cost, Quality Circle: Features• Quality Management Tools: TQM – Importance, Six Sigma – Process, ISO 9000 – Certification Procedure, Kaizen – Process• Service Quality Management: Importance, SERVQUAL Model, Measures to improve service quality	January- 14
3	Indian Financial System	<ul style="list-style-type: none">• Indian Financial Market: Structure, Primary Market – IPO Procedure Dematerialisation: Process, Role of Depositories : NSDL and CDSL• SEBI: Functions of SEBI, Investors protection measures of SEBI. Stock Exchange – Functions, Speculators.• Credit Rating: Advantages, Credit Rating Agencies in India - CRISIL, CARE, and ICRA.	February- 13



4	Recent Trends in Finance	<ul style="list-style-type: none"> • Mutual Funds- Advantages and Limitations, Types, Factors responsible for growth of mutual funds – Systematic Investment Plan. • Commodity Market: Categories, Derivatives Market: Types, Participants, Types of Derivative Instruments. • Start-up Ventures –Concept, Sources of Funding, Micro Finance – Importance, Role of Self Help Groups. 	March -14
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Subject: Accountancy & Financial Management III

Name of the faculty Members: Dr. Arvind Luhar, Hasina Panwar, Kiran Rane

Semester III- Accountancy & Financial Management III

SR No	Module	Particular	No of Lectures
1	Partnership Final Accounts based on Adjustment of Admission or Retirement/Death of a Partner during the year	i) Simple final accounts questions to demonstrate the effect on final Accounts when a partner is admitted during the year or when partner Retires / dies during the year. ii) Allocation of gross profit prior to and after admission / retirement / death when stock on the date of admission / retirement is not given and apportionment of other expenses based on time / Sales/other given basis. iii) Ascertainment of gross profit prior to and after admission/retirement/death when stock on the date of admission/retirement is given and apportionment of other expenses based on time / Sales / other given basis Excluding Questions where admission / retirement / death takes place in the same year.	June/July-13
2	Piecemeal Distribution of Cash	Excess Capital Method only ii) Asset taken over by a partner iii) Treatment of past profits or past losses in the Balance sheet iv) Contingent liabilities / Realization expenses / amount kept aside for expenses and adjustment of actual v) Treatment of secured liabilities vi) Treatment of preferential liabilities like Govt. dues / labour dues etc. Excluding : Insolvency of partner and Maximum Loss Method	August -12
3	Amalgamation of Firms	i) Realization method only ii) Calculation of purchase consideration iii) Journal / ledger accounts of old firms iv) Preparing Balance sheet of new firm v) Adjustment of goodwill in the new firm vi) Realignment of capitals in the new firm by current accounts / cash or a combination thereof Excluding Common transactions between the amalgamating firms	September- 14
4	Conversion / Sale of a Partnership Firm into a Ltd. Company	(i) Realisation method only (ii) Calculation of New Purchase consideration, Journal / Ledger Accounts of old firms. Preparing Balance sheet of new company	October-13

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**Government of Maharashtra's
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Name of the faculty Members: Dr. Arvind Luhar, Hasina Panwar, Kiran Rane

Semester IV- Accountancy & Financial Management IV			
SR No	Module	Particular	No of Lectures
1	Introduction to Company Accounts	<p>Introduction of basic terms: Types of companies, nature and formation of companies, Shares, Debentures, Share Capital, Reserves and surplus, types of assets and liabilities, dividend, format of Balance Sheet (Only theory)</p> <p>Issue of shares: Different modes IPO, Private Placements, Preferential, Rights, ESO, SWEAT and ESCROW account, Issue of shares at par, premium and discount, Under subscription and Over subscription of shares, forfeiture and reissue of forfeited shares, issue of shares for consideration other than cash. (Only theory)</p> <p>Issue of Debentures: types of Debentures, Issue of debentures at par, premium and discount, Issue of Debentures with consideration of Redemption, Issue of debentures for cash receivable in instalments or at a time Issue of debentures for consideration other than cash. (Only theory)</p>	December-11
2	Redemption of Preference Shares	Provision of the Companies Act for redemption of Preference Shares (Sec 55 of the Companies Act, 2013), Companies (Share and Debentures) Rules. Methods of Redemption of fully paid up Preference Shares as per Companies Act, 2013: The proceed of a fresh issue of shares, the capitalisation of undistributed profits and a combination of both, calculation of minimum fresh issue to provide the fund for redemption, (Question on entries and/or Balance Sheet)	January-14
3	Redemption of Debentures	Introduction : Provisions of Section 71 (1) and (4) of the Companies Act, 2013, Creation and investment of DRR including The Companies (Share Capital and Debentures) Rules, 2014, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures Methods of redemption of debentures: By payment in lumpsum and by payment in instalments (excluding from by purchase in open market), Conversion. (Question on entries, ledgers and/or Balance Sheet and /or redemption of preference shares)	February-13
4	Ascertainment and Treatment of Profit Prior to Incorporation	(i) Principles for ascertainment Preparation of separate combined, columnar Profit and Loss A/c including different basis of allocation of expenses and income	March -14

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Name of the faculty Members: Dr. Arvind Luhar, Pratiksha Gurav, Nitin Gangal, Kulsum Khan, Saima Mestry

Semester –III- Management Accounting			
SR No	Module	Particular	No of Lectures
1	Introduction to Management Accounting	<p>A. Introduction to Management Accounting – Meaning, Nature, Scope, Functions, Decision Making Process, Financial Accounting V/s Management Accounting</p> <p>B. Analysis and Interpretation of Financial Statements</p> <p>i) Study of Balance sheet and Income statement / Revenue statements in vertical form suitable for analysis</p> <p>ii) Relationship between items in Balance Sheet and Revenue statement</p> <p>iii) Tools of analysis of Financial Statements</p> <p>(i) Trend analysis</p> <p>(ii) Comparative Statement</p> <p>(iii) Common Size Statement</p> <p>Note : (i) Problems based on trend analysis (ii) Short Problems on Comparative and Common sized statements</p>	June/July - 14
2	Ratio Analysis and Interpretation	<p>(Based on Vertical Form of Financial statements) – Meaning, classification, Du Point Chart, advantages and Limitations) A. Balance Sheet Ratios : i) Current Ratio ii) Liquid Ratio iii) Stock Working Capital Ratio iv) Proprietary Ratio v) Debt Equity Ratio vi) Capital Gearing Ratio B. Revenue Statement Ratio: i) Gross Profit Ratio ii) Expenses Ratio iii) Operating Ratio iv) Net Profit Ratio v) Net Operating Profit Ratio vi) Stock Turnover Ratio A. Combined Ratio : i) Return on capital employed (Including Long Term Borrowings) ii) Return on proprietor's Fund (Shareholders Fund and Preference Capital) iii) Return on Equity Capital iv) Dividend Payout Ratio v) Debt Service Ratio vi) Debtors Turnover vii) Creditors Turnover (Practical Question on Ratio Analysis)</p>	August - 13
3	Working Capital Management	<p>A. Concept, Nature of Working Capital , Planning of Working Capital</p> <p>B. Estimation / Projection of Working Capital Requirement in case of Trading and Manufacturing Organization</p> <p>C. Operating Cycle</p>	September- 12
4	Capital Budgeting	<p>A. Introduction:</p> <p>B. The classification of capital budgeting projects</p> <p>C. Capital budgeting process</p> <p>D. Capital budgeting techniques - Payback Period, Accounting Rate of Return, Net Present Value, The Profitability Index, Discounted Payback. (Excluding calculation of cash flow)</p>	October - 13

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 Saima



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Jogeshwari (East), Mumbai - 400 060

Subject: Auditing

Name of the faculty Members: **Dr. Arvind Luhar, Pratiksha Gurav, Nitin Gangal, Kulsum Khan, Saima Mestry**

SR No	Module	Particular	No of Lectures
1	Introduction to Auditing	<p>A. Basics – Financial Statements, Users of Information, Definition of Auditing, Objectives of Auditing, Inherent limitations of Audit, Difference between Accounting and Auditing, Investigation and Auditing.</p> <p>B. Errors & Frauds – Definitions, Reasons and Circumstances, Types of Error, Types of frauds, Risk of fraud and Error in Audit, Auditors Duties and Responsibilities in case of fraud.</p> <p>C. Principles of Audit, Materiality, True and Fair view</p> <p>D. Types of Audit – Meaning, Advantages, Disadvantages of Balance sheet Audit, Interim Audit, Continuous Audit, Concurrent Audit and Annual Audit, Statutory Audit</p>	December-11
2	Audit Planning, Procedures and Documentation	<p>A. Audit Planning – Meaning, Objectives, Factors to be considered, Sources of obtaining information, Discussion with Client, Overall Audit Approach</p> <p>B. Audit Program – Meaning, Factors, Advantages and Disadvantages, Overcoming Disadvantages, Methods of Work, Instruction before commencing Work, Overall Audit Approach.</p> <p>C. Audit Working Papers –</p>	January-12
3	Auditing Techniques and Internal Audit Introduction	<p>A. Test Check – Test Checking Vs Routing Checking, test Check meaning, features, factors to be considered, when Test Checks can be used, advantages, disadvantages, precautions.</p> <p>B. Audit Sampling –</p> <p>C. Internal Control – D. Internal Audit :</p>	February-13
4	Auditing Techniques : Vouching & Verification	<p>A. Audit of Income : Cash Sales, Sales on Approval, Consignment Sales, Sales Returns Recovery of Bad Debts written off, Rental Receipts, Interest and Dividends Received Royalties Received</p> <p>B. Audit of Expenditure : Purchases, Purchase Returns, Salaries and Wages, Rent, Insurance Premium, Telephone expense Postage and Courier, Petty Cash Expenses, Travelling Commission Advertisement, Interest Expense</p> <p>C. Audit of Assets Book Debts / Debtors, Stocks – Auditors General Duties; Patterns, Dies and Loose Tools, Spare Parts, Empties and Containers Quoted Investments and Unquoted Investment Trade Marks / Copyrights Patents Know-How Plant and Machinery Land and Buildings Furniture and Fixtures</p> <p>D. Audit of Liabilities : Outstanding Expenses, Bills Payable Secured loans Unsecured Loans, Contingent Liabilities</p>	March -11

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Subject: Advertising - I

Name of the faculty Members: Dr. Anjali Alekar, Yash Surve, Samrah Shaikh

Semester III - Advertising - I

SR No	Module	Particular	No of Lectures
1	Introduction to Advertising	<ul style="list-style-type: none">• Integrated Marketing Communications (IMC)- Concept, Features, Elements, Role of advertising in IMC• Advertising: Concept, Features, Evolution of Advertising, Active Participants, Benefits of advertising to Business firms and consumers.• Classification of advertising: Geographic, Media, Target audience and Functions.	June/July - 11
2	Advertising Agency	<p>Ad Agency: Features, Structure and services offered, Types of advertising agencies , Agency selection criteria</p> <ul style="list-style-type: none">• Agency and Client: Maintaining Agency-Client relationship, Reasons and ways of avoiding Client Turnover, Creative Pitch, Agency compensation• Careers in advertising: Skills required for a career in advertising, Various Career Options, Freelancing Career Options - Graphics, Animation, Modeling, Dubbing.	August - 10
3	Economic & Social Aspects of Advertising	<ul style="list-style-type: none">• Economic Aspects: Effect of advertising on consumer demand, monopoly and competition, Price.• Social aspects: Ethical and social issues in advertising, positive and negative influence of advertising on Indian values and culture. • Pro Bono/Social advertising: Pro Bono Advertising, Social Advertising by Indian Government through Directorate of Advertising and Visual Publicity (DAVP), Self-Regulatory body- Role of ASCI (Advertising Standard Council of India)	September- 11
4	Brand Building and Special Purpose Advertising	<p>Brand Building: The Communication Process, AIDA Model, Role of advertising in developing Brand Image and Brand Equity, and managing Brand Crises.</p> <ul style="list-style-type: none">• Special purpose advertising: Rural advertising, Political advertising-, Advocacy advertising, Corporate Image advertising, Green Advertising – Features of all the above special purpose advertising.• Trends in Advertising: Media, Ad spends, Ad Agencies, Execution of advertisements	October - 10

Yash Surve
S. Shaikh

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Anjali Alekar

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Arts, Science & Commerce,
Jogeshwari (East), Mumbai -400 060.

Name of the faculty Members: Dr. Anjali Alekar, Yash Surve, Samrah Shaikh

Semester IV - Advertising - II

SR No	Module	Particular	No of Lectures
1	Media in Advertising	<ul style="list-style-type: none"> • Traditional Media: Print, Broadcasting, Out-Of-Home advertising and films - advantages and limitations of all the above traditional media • New Age Media: Digital Media / Internet Advertising – Forms, Significance and Limitations • Media Research: Concept, Importance, Tool for regulation - ABC and Doordarshan Code 	December-11
	Planning Advertising Campaign	<ul style="list-style-type: none"> • Advertising Campaign: Concept, Advertising Campaign Planning -Steps Determining advertising objectives - DAGMAR model • Advertising Budgets: Factors determining advertising budgets, methods of setting advertising budgets, Media Objectives - Reach, Frequency and GRPs • Media Planning: Concept, Process, Factors considered while selecting media, Media Scheduling Strategies 	January-11
	Execution and Evaluation of Advertising	<ul style="list-style-type: none"> • Creativity: Concept and Importance, Creative Process, Concept of Creative Brief, Techniques of Visualization • Creative aspects: Buying Motives - Types, Selling Points-Features, Appeals – Types, Concept of Unique Selling Proposition (USP) • Creativity through Endorsements: Endorsers – Types, Celebrity Endorsements – Advantages and Limitations, High Involvement and Low Involvement Products 	February-10
	Fundamentals of Creativity in Advertising	<ul style="list-style-type: none"> • Preparing print ads: Essentials of Copywriting, Copy – Elements, Types, Layout- Principles, Illustration - Importance. • Creating broadcast ads: Execution Styles, Jingles and Music – Importance, Concept of Storyboard • Evaluation: Advertising copy, Pre-testing and Post-testing of Advertisements – Methods and Objectives 	March -10

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Jogeshwari (East), Mumbai -400 060.**


Name of the faculty Members: Dr. Arvind Luhar, Shifa Saadan, Suryakant Patole, Kulsum Khan

Semester : III - Business Law I

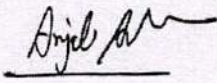
SR No	Module	Particular	No of Lectures
1	Indian Contract Act – 1872 Part -I	<p>Contract – Definition of Contract and Agreement, Essentials of Valid Contract, Classification of Contracts.</p> <ul style="list-style-type: none"> • Offer and Acceptance – Rules of valid offer and acceptance, Counter offer, standing or open offer, distinguish between offer and invitation to offer. Concept of Communication and Revocation of offer and acceptance (sec. 3,5) • Capacity to Contract (S. 10-12) – Minor, Unsound Mind, Disqualified Persons. • Consideration (S. 2 & 25) – Concept and Importance of consideration, Legal rules of Consideration, Exceptions to the Rule, ‘No Consideration No Contract’(Ss. 25) Unlawful Consideration (S 23) 	June/July - 14
2	Indian Contract Act – 1872 Part –II	<p>Consent (Ss.13, 14-18, 39.53, 55, 66)-Agreements in which consent is not free - Coercion, Undue Influence, Misrepresentation Fraud, Mistake.</p> <ul style="list-style-type: none"> • Void Agreements (S. 24-30) – Concept, Void Agreements under Indian Contract Act. • Contingent Contract (S. 31), Quasi Contract (S.68-72), Concept of E Contract& Legal Issues in formation and discharge of E- Contract. Concept of Performance of Contract (S 37) • Modes of Discharge of Contract, Remedies on breach of Contract.(73-75) 	August - 13
3	Special Contracts	<p>Law of Indemnity & Guarantee (Ss. 124-125, Ss. 126-129, 132-147) – Concept, Essentials elements of Indemnity and Guarantee, Contract of Indemnity vs. Guarantee, Modes of Discharge of Surety.</p> <ul style="list-style-type: none"> • Law of Bailment (S. 148, 152-154, 162, 172, 178, 178A, 179) – Concept, Essentials of Bailment, Kinds of Bailment, Rights and Duties of Bailor and Bailee • Law of Pledge – Concept, Essentials of valid Pledge, Lien - concept, Difference between Pledge and Lien, Rights of Pawnor & Pawnee.(Ss.173, 174, 177) • Law of Agency (Ss. 182-185, 201-209) – Concept, Modes of creation of Agency, Modes of termination of Agency, Rights& Duties of Principal and Agent. 	September- 12
4	The Sale Of Goods Act – 1930	<p>Contract of Sale (S.2) – Concept, Essentials elements of contract of sale, Distinction between Sale and Agreement to sell (S.4) Distinguish between Sale and Hire Purchase Agreement, Types of Goods, Effects of destruction of Goods (Ss. 6,7,8),</p> <ul style="list-style-type: none"> • Conditions & Warranties (Ss. 15, 25 & 62, 63) – Concept, 	October - 13



		Distinguish between Conditions and Warranties, Implied Conditions & Warranties, Concept of Doctrine of Caveat Emptor –Exceptions. <ul style="list-style-type: none"> • Property – Concept , Rules of transfer of property (Ss. 18-26 • Unpaid Seller (Ss. 45-54, 55 & 56)- Concept, Rights of an unpaid seller, Remedies for Breach of contract of Sale (Ss. 55-61), Auction sale – Concept, Legal Provisions. (S. 64) 	
5	The Negotiable Instruments (Ammended) Act 2015	Negotiable Instruments – Concept (S13), Characteristics, Classification of Negotiable Instruments (Ss. 11, 12, 17-20, 42, 43, 104,134,135) Maturity of Instruments. <ul style="list-style-type: none"> • Promissory Note and Bill of Exchange (Ss. 4,5, 108-116)- Concept, Essentials of Promissory Note, Bill of Exchange (Ss. 4,5), Essential features of promissory note and Bill of exchange, Kinds Promissory note and Bill of exchange, Cheque (S.6)– Concept, Types & Crossing of Cheque, Distinguish between Bill of Exchange & Cheque, Dishonour of Cheque – Concept & Penalties (Ss. 138, 139,142) • Miscellaneous Provisions (S. 8-10, 22, 99-102, 118-122, 134-137) –Parties to Negotiable instruments Holder, Holder in due course, Rights & Privileges of Holder in due course, Payment in due course, Noting & Protest (99-104A) 	October - 12


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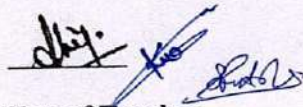
Name of the faculty Members: Dr. Arvind Luhar, Shifa Saadan, Suryakant Patole, Kulsum Khan

Semester : IV- Business Law II

SR No	Module	Particular	No of Lectures
	Indian Companies Act – 2013 Par T –I	<ul style="list-style-type: none"> • Company –Concept, Features, Role of Promoters (S. 2(69) S. 92), Duties and liabilities of the Promoter Effects of Pre-Incorporation contracts, Consequences of non-registration, and Lifting of Corporate Veil. • Classification of Companies Distinction between Private Company and Public Company, Advantages and disadvantages of Private company and Public Company. –Common Procedure for Incorporation of Company, • Memorandum of Association (MOA) & Article of Association(AOA) – Concept , Clauses of MOA, AOA- Contents, Doctrine of constructive notice, Doctrine of Ultra Vires, Doctrine of Indoor Management. • Prospectus – Concept, Kinds, Contents, Private Placement 	December-12
	Indian Companies Act – 2013, Par T –II	<ul style="list-style-type: none"> • Member of a Company –Concept, Who can become a member, Modes of acquiring membership, Cessation of membership, Right & Liabilities of Members. • Director – Qualifications& Disqualification, Classification, Director Identification Number (DIN), Legal Position of Directors. • Meetings – Types, Legal Provisions of Statutory Meeting, Annual General Meeting, Extra-Ordinary Meeting, Board Meeting 	January-14
	Indian Partnership Act – 1932	<ul style="list-style-type: none"> • Partnership – Concept, Essentials, True Test of Partnership, Partnership Deed, Types of Partnership, Rights and Duties of Partners, Distinguish between Partnership & Hindu Undivided Family (HUF). • Dissolution – Concept, Modes of Dissolution, Consequences of Dissolution. • Limited Liability Partnership (LLP) 2008 – Concept, Characteristics, Advantages & Disadvantages, Procedure for Incorporation. • Extent of L.L.P.- Conversion of LLP, Mutual rights & duties of partners, Winding up of LLP, Distinction between LLP and Partnership. 	February-13
	Consumer Protection Act, 1986 & Competition Act 2002	<ul style="list-style-type: none"> • Consumer Protection Act – Concept , Objects, Reasons for enacting the Consumer Protection Act, Definition of Consumer, Consumer Dispute, Complaint, Complainant, Defect, Deficiency, Consumer Dispute, Unfair Trade Practices, Goods and Services. • Consumer Protection Councils & Redressal Agencies – District, State & National. • Competition Act 2002 – Concept, Salient Features, Objectives & Advantages. 	Feb/ March -14



		• Abuse of Dominant Position, Competition Commission of India, Anti Competition Agreements,	
Intellectual Property Rights		<ul style="list-style-type: none"> • Intellectual Property Right (IPR) – Concept, Nature, Introduction & background of IPR in India. • IPR relating to Patents – • IPR relating to Copyrights- • IPR relating to Trademarks – 	March 04


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Jogeshwari(East),Mumbai 400060

DEPARTMENT OF COMMERCE

TEACHING PLAN – 2022-23

CLASS: TYBCOM

DIVISION: I, II, III, IV

SEMESTER: V & VI

Subject: Financial Accounting and Auditing - Financial Accounting

Name of the Faculty Member: Dr. Arvind Luhar, Pratiksha Gurav, Saima Mestry, Deepa Pal

Semester V - Financial Accounting and Auditing VII - Financial Accounting

Sr No	Module	Particular	Month -No of Lectures
1	Preparation of Final Accounts of Companies	Adjustment for – 1. Closing Stock 2. Depreciation 3. Outstanding expenses and income 4. Prepaid expenses and Pre received income 5. Proposed Dividend and Unclaimed Dividend 6. Provision for Tax and Advance Tax 7. Bill of exchange (Endorsement, Honour, Dishonour) 8. Capital Expenditure included in Revenue expenditure and vice versa e.g.- purchase of furniture included in purchases 9. Unrecorded Sales and Purchases 10. Good sold on sale or return basis 11. Managerial remuneration on Net Profit before tax 12. Transfer to Reserves 13. Bad debt and Provision for bad debts 14. Calls in Arrears 15. Loss by fire (Partly and fully insured goods) 16. Goods distributed as free samples.	July 16
52	Internal Reconstruction	Need for reconstruction and company law provisions Distinction between internal and external reconstructions. Methods including alteration of share capital, variation of shareholder rights, sub division, consolidation, surrender and reissue / cancellation, reduction of share capital with relevant legal provisions and accounting treatment for same.	July – 12 August - 03



3	Buy Back of Shares	Company Law / Legal provisions (including related restrictions, power, transfer to capital redemption reserve account and prohibitions) Compliance of conditions including sources, maximum limits and debt equity ratio. Cancellation of Shares Bought back	August – 08 September - 02
4	Investment Accounting (w.r.t. Accounting Standard- 13)	For shares (variable income bearing securities) For debentures/Preference. shares (fixed income bearing securities) Accounting for transactions of purchase and sale of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method Columnar format for investment account.	September - 08
5	Ethical Behaviour and Implications for Accountants	Introduction, Meaning of ethical behavior Financial Reports – What is the link between law, corporate governance, corporate social responsibility and ethics? What does the accounting profession mean by the ethical behavior? Implications of ethical values for the principles versus rule based approaches to accounting standards The principal based approach and ethics Codes of Ethics Whistle – Blowing	October - 07

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Subject: Financial Accounting and Auditing - Financial Accounting

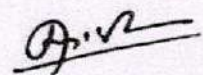
Name of the Faculty Member: Dr. Arvind Luhar, Pratiksha Gurav, Saima Mestry, Deepa Pal

Semester VI Financial Accounting and Auditing Paper-IX: Financial Accounting

SR No	Module	Particular	Month -No of Lectures
1	AS – 14 - Amalgamation, Absorption & External Reconstruction (excluding inter- company holdings)	In the nature of merger and purchase with corresponding accounting treatments of pooling of interests and purchase method respectively. Meaning and Computation of purchase consideration. Problems based on purchase method only.	January- 13
2	Accounting of Transactions of Foreign Currency	In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange rate differences	January/Feb - 14
3	Liquidation of Companies	Introduction, Underwriting, Underwriting Commission Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to issues Types of underwriting, Abatement Clause Marked, Unmarked and Firm-underwriting applications, Liability of the underwriters in respect of underwriting contract Practical problems	February - 10
4	Underwriting of Shares & Debentures	Meaning of liquidation or winding up Preferential payments Overriding preferential payments Preparation of statement of affairs, deficit / surplus account Liquidator's final statement of account	March -10
5	Accounting for Limited Liability Partnership	Statutory Provisions Conversion of partnership firm into LLP Final Accounts	March/April - 10


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Subject: Financial Accounting and Auditing - Cost Accounting

Name of the Faculty Member: CA Navneet Gokani, Deepa Pal, Zishan Mukhary, Nasir Usmani

Semester V Financial Accounting and Auditing Paper-VIII: Cost Accounting

Sr. No.	Modules	Month - No. of Lectures
1	Introduction to Cost Accounting (Theory)	July - 10
2	Material Cost (i) Procurement procedures—Store procedures and documentation in respect of receipts and issue of stock, Stock verification (ii) Inventory control —Techniques of fixing of minimum, maximum and reorder levels, Economic Order Quantity, ABC classification; Stocktaking and perpetual inventory (iii) Inventory accounting practical problems based on Calculation of EOQ, Raw Material Turnover ratio, Preparation of stock ledger and Valuation of Inventories based on FIFO and Weighted average cost.	July/August - 10
3	Labour Cost (i) Attendance and payroll procedures, Overview of statutory requirements, Overtime, Idle time and Incentives (ii) Labour turnover (iii) Utilisation of labour, Direct and indirect labour, Charging of labour cost, Identifying labour hours with work orders or batches or capital jobs (iv) Efficiency rating procedures (v) Remuneration systems and incentive schemes. Preparation of labour cost statement Remuneration and incentive systems based on Piece work plan, Haley Premium Plan, Rowan system, Gantt's Task	August - 10



4	Overheads Functional analysis — Factory, Administration, Selling and Distribution Behavioural analysis — Fixed, Variable, Semi-variable cost Note-Simple practical problems on Departmentalization and apportionment of primary overheads, Computation of overhead rates including Machine overhead rates Basic concepts of treatment of over/under absorption of overheads- Direct Labour method and Prime Cost method	August/ September - 10
5	Classification of costs, Cost of Sales, Cost Centre, Cost Unit, Profit Centre and Investment Centre Cost Sheet, Total Costs and Unit Costs, Different Costs for different purpose Note- Simple practical problems on preparation of cost sheet	September - 10
6	Reconciliation of cost and financial accounts Practical problems based on Reconciliation of cost and Financial accounts.	October - 10

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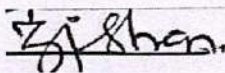
Name of the Faculty Member: CA Navneet Gokani, Deepa Pal, Zishan Mukhary

Semester VI Financial Accounting and Auditing Paper-X: Cost Accounting

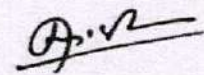
SR No	Module	Particular	Month -No of Lectures
1	Cost Control Accounts	Advantages and Disadvantages Cost Control Accounts, Principal Accounts, Subsidiary Accounts to be maintained Note- Simple practical problems on preparation of cost control accounts	December 10
2	Contract Costing	Progress payments, Retention money, Contract accounts, Accounting for material, Accounting for Tax deducted at source by the contractee, Accounting for plant used in a contract, treatment of profit on incomplete contracts, Contract profit and Balance sheet entries. Excluding Escalation clause Note- Simple practical problems	December - 10
3	Process Costing	Process loss, Abnormal Gains and Losses, Joint products and by-products. Excluding Equivalent units, Inter-process profit Note- Simple Practical problems Process Costing and joint and by-products	January -10
4	Introduction to Marginal Costing	Marginal costing meaning, applications, advantages, limitations Contribution, Breakeven analysis, Margin of safety and profit volume graph. Note-Simple Practical problems based on Marginal Costing excluding decision making	January - 05 February -05
5	Introduction to Standard Costing	Various types of standards, Setting of standards, Basic concepts of Material and Labour variance analysis. Note- Simple Practical problems based on Material and labour variances excluding sub-variances	February - 05 March - 05
6	Some Emerging concepts of Cost accounting	Some Emerging concepts of Cost accounting Target Costing, ABC	March - 05 April - 05

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Subject: Commerce-V Human Resource Management
Name of the Faculty Member: Dr.Anjali Alekar, Sutyakant Patole, Shraddha Jadhav

Semester V- Commerce-V Marketing

Sr. No.	Modules	Month/ No. of Lectures
1	<ul style="list-style-type: none"> • Introduction to Marketing • Marketing, Concept, Features, Importance, Functions, Evolution, Strategic v/s Traditional Marketing • Marketing Research - Concept, Features, Process Marketing Information System- Concept, Components Data Mining- Concept, Importance • Consumer Behaviour- Concept, Factors influencing Consumer Behaviour Market Segmentation- Concept, Benefits, Bases of market segmentation Customer Relationship Management- Concept, Techniques • Market Targeting- Concept, Five patterns of Target market Selection 	July - 12
2	<ul style="list-style-type: none"> • Marketing Decisions I • Marketing Mix- Concept, Product- Product Decision Areas • Product Life Cycle- Concept, Managing stages of PLC Branding- Concept, Components • Brand Equity- Concept, Factors influencing Brand Equity • Packaging- Concept, Essentials of a good package • Product Positioning- Concept, Strategies of Product Positioning Service Positioning- Importance & Challenges • Pricing- Concept, Objectives, Factors influencing Pricing, Pricing Strategies 	August - 11
3	<ul style="list-style-type: none"> • Marketing Decisions • Physical Distribution- Concept, Factors influencing Physical Distribution, Marketing Channels (Traditional & Contemporary Channels) • Supply Chain Management-Concept, Components of SCM • Promotion- Concept, Importance, Elements of Promotion mix • Integrated Marketing Communication (IMC)- Concept, Scope, Importance • Sales Management- Concept, Components, Emerging trends in selling • Personal Selling- Concept, Process of personal selling, Skill Sets required for Effective Selling 	September - 11



4	<ul style="list-style-type: none"> • Key Marketing Dimensions • Marketing Ethics: Concept, Unethical practices in marketing, General role of consumer organizations • Competitive Strategies for Market Leader, Market Challenger, Market Follower and Market Nicher Marketing Ethics: • Rural Marketing- Concept, Features of Indian Rural Market, Strategies for Effective Rural Marketing • Digital Marketing-Concept, trends in Digital Marketing Green Marketing- concept, importance • Challenges faced by Marketing Managers in 21st Century Careers in Marketing – Skill sets required for effective marketing • Factors contributing to Success of brands in India with suitable examples, • Reasons for failure of brands in India with suitable examples. 	October- 11
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Subject: Commerce-V Human Resource Management
Name of the Faculty Member: Dr.Anjali Alekar, Suryakant Patole, Shraddha Jadhav

Semester VI Commerce-VI Human Resource Management		
Sr. No.	Modules / Units	Month/ No of Lectures
1	Human Resource Management	
	Human Resource Management – Concept, Functions, Importance, Traditional v/s Strategic Human Resource Management Human Resource Planning- Concept Steps in Human Resource Planning Job Analysis-Concept, Components, Job design- Concept, Techniques Recruitment- Concept, Sources of Recruitment Selection - Concept , process , Techniques of E, selection,	Nov/December - 12
2	Human Resource Development	
	Human Resource Development- Concept, functions Training- Concept, Process of identifying training and development needs, Methods of Training & Development (Apprenticeship, understudy, job rotation, vestibule training, case study, role playing, sensitivity training, In, basket, management games) Evaluating training effectiveness- Concept, Methods Performance Appraisal- Concept, Benefits, Limitations, Methods Potential Appraisal-Concept, Importance Career Planning- Concept, Importance Succession Planning- Concept, Need Mentoring- Concept, Importance Counseling- Concept, Techniques.	January - 11
3	Human Relations	



	<p>Human Relations- Concept, Significance</p> <p>Leadership –Concept, Transactional & Transformational Leadership</p> <p>Motivation- Concept, Theories of Motivation,(Maslow’s Need Hierarchy Theory, Vroom’s Expectancy Theory, McGregor’s Theory X and Theory Y, Pink’s Theory of Motivation)</p> <p>Employees Morale- Concept, Factors affecting Morale, Measurement of Employees Morale Emotional Quotient and Spiritual Quotient- Concept, Factors affecting EQ & SQ</p> <p>Employee Grievance- Causes, Procedure for Grievance redressal Employee welfare measures and Healthy & Safety Measures.</p>	February - 11
4	<p>Trends In Human Resource Management</p>	
	<p>HR in changing environment:</p> <p>Competencies- concept, classification</p> <p>Learning organizations- Concept, Creating an innovative organization, Innovation culture- Concept, Need, Managerial role.</p> <p>Trends in Human Resource Management: Employee Engagement- Concept, Types</p> <p>Human resource Information System (HRIS) – Concept, Importance, Changing patterns of employment.</p> <p>Challenges in Human Resource Management: Employee Empowerment, Workforce Diversity. Attrition, Downsizing, Employee Absenteeism, Work life Balance, Sexual Harassment at work place, Domestic and International HR Practices, Millennial (Gen Y)Competency Mapping</p>	March -11

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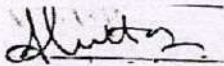
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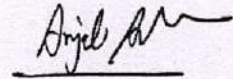
Subject: Computer Systems and Applications Paper
Name of the Faculty Member: Dr. Ashwin Mehta

Semester V- Computer Systems and Applications Paper I

Sr. No.	Modules	Month - No. of Lectures
1	Data Communication, Networking and Internet	June/July 18
2	Database and MySQL	August - 09
3	Database and MySQL	August/ Sept - 09
4	Spread Sheet	Sept/Oct 09
Number of Practical		Month
	Word processing - 01	June
	Spread sheet - 03	July/August
	MySQL - 06	September



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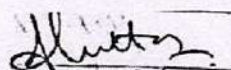
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Subject: Computer Systems and Applications Paper

Name of the Faculty Member: Dr. Ashwin Mehta

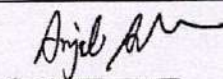
Semester VI - Computer Systems and Applications Paper II

Sr. No.	Modules	Month- No. of Lectures
1	E - Commerce	January - 18
2	Advanced Spread Sheet	January/Feb -09
3	Advanced Spread Sheet	February - 09
4	Visual Basic	March - 09
	Practical Topic	Month
	Presentation skills 1. Preparing a PowerPoint presentation on an E-Commerce website.	January -01
	Advance Spread Sheet 1. Calculation of DA, HRA, PF, Gross Salary and Net Salary using Spread Sheet 2. Calculation of Income Tax using Spread Sheet 3. Filtering data and Graphical representation of data using Spread Sheet 4. Using VLOOKUP and HLOOKUP using Spread Sheet 5. Creating and managing a scenario using Spread Sheet Use of Goal Seek and Solver using Spread Sheet	February -06
	Introduction to Visual Basic Write a project in VB to design a suitable form to add two numbers and display their sum. Write a project in VB to design a suitable form to enter sales and calculate and display the bonus which is 10% of sales. Write a project in VB to design a suitable form to enter salary and calculate and display the DA which is 90% of salary.	March -03



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Subject: Export Marketing Paper V
Name of the Faculty Member: Dr. Anjali Alekar, Aamba Mehta

Sr. No.	Modules / Units	Month- No. of Lectures
1	Introduction to Export Marketing	
	a) Concept and features of Export Marketing; Importance of Exports for a Nation and a Firm; Distinction between Domestic Marketing and Export Marketing b) Factors influencing Export Marketing; Risks involved in Export Marketing; Problems of India's Export Sector c) Major merchandise/commodities exports of India (since 2015); Services exports of India (since 2015); Region-wise India's Export Trade (since 2015)	June / July - 12
2	Global Framework for Export Marketing	
	a) Trade barriers; Types of Tariff Barriers and Non-Tariff barriers; Distinction between Tariff and Non-Tariff barriers b) Major Economic Groupings of the World; Positive and Negative Impact of Regional Economic Groupings; Agreements of World Trade Organisation c) Need for Overseas Market Research; Market Selection Process, Determinants of Foreign Market Selection	July/ August - 11
3	India's Foreign Trade Policy	
	a) Foreign Trade Policy (FTP) 2015-20 - Highlights and Implications, Export Trade facilitations and ease of doing business as per the new FTP b) Role of Directorate General of Foreign Trade (DGFT), Negative list of Exports, Deemed Exports c) Benefits to Status Holders & Towns of Excellence; Common benefits for EHTP, BTP and STP; Benefits enjoyed by (IIAs) Integrated Industrial Areas(SEZ), EOU, AEZ	August/September - 11
4	Export Incentives and Assistance	



<p>a. Financial Incentives available to Indian Exporters - Marketing Development Assistance (MDA), Market Access Initiative (MAI), Assistance to States for Infrastructure Development for Exports (ASIDE), Industrial Raw Material Assistance Centre(IRMAC),</p> <p>b. Institutional Assistance to Indian Exporters - Federation of Indian Export Organisations (FIEO), India Trade Promotion Organisation (ITPO), The Federation of Indian Chambers of Commerce and Industry (FICCI), Export Promotion Councils (EPCs) & Commodity Boards (CBs), Indian Institute of Foreign Trade (IIFT), Indian Institute of Packaging (IIP)</p> <p>c. Schemes - Export Promotion Capital Goods (EPCG) Scheme, Duty Exemption and Remission Schemes, Export Advance Authorisation Scheme; Duty Drawback</p>	<p>September - 10</p>
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Aarba J. Netta
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Anil

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Jogeshwari (East), Mumbai -400 060.

Subject: Export Marketing Paper VI
Name of the Faculty Member: Dr. Anjali Alekar, Aamba Mehta

Sr. No.	Modules	Month No. of Lectures
1	Product Planning and Pricing Decisions for Export Marketing a) Planning for Export Marketing with regards to Product, Branding, Packaging b) Need for Labelling and Marking in Exports, Factors determining Export Price; Objectives of Export Pricing c) International Commercial (INCO) Terms; Export Pricing Quotations – Free on Board (FOB), Cost Insurance and Freight (CIF) and Cost and Freight (C&F); Problems on FOB quotation	December 12
2	Export Distribution and Promotion a) Factors influencing Distribution Channels; Direct and Indirect Exporting Channels; Distinction between Direct and Indirect Exporting Channels b) Components of Logistics in Export marketing; Selection criteria of Modes of Transport; Need for Insurance in Export Marketing c) Sales Promotion Techniques used in Export Marketing; Importance of Trade Fairs and Exhibitions; Benefits of Personal Selling; Essentials of Advertising in Export Marketing;	Dec/January 11
3	Export Finance a) Methods of Payment In export marketing; Procedure to open Letter of Credit, Types and Benefits of Countertrade b) Features of Pre-shipment and Post-shipment finance; Procedure to obtain Export Finance; Distinction between Pre-shipment Finance and Post Shipment Finance. c) Role of Commercial Banks, EXIM Bank, SIDBI in financing exporters; Role of	February - 11
4	Export Procedure and Documentation a. Registration with different authorities; Pre-shipment Procedure involved in Exports; Procedure of Quality Control and Pre-shipment Inspection; b. Shipping and Custom Stage Formalities; Role of Clearing & Forwarding Agent; Post-shipment Procedure for Realisation of Export Proceeds; Procedure of Export under Bond and Letter of Undertaking. (LUT) c. Importance of - Commercial Invoice cum Packing list, Bill of Lading/ Airway Bill, Shipping Bill/Bill of Export, Consular Invoice, Certificate of Origin	March -11

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Anjali Alekar

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Subject: Marketing Research Paper I
Name of the Faculty Member: Samrah Shaikh

Semester V - Marketing Research Paper I

Sr. No.	Modules	No. of Lectures
1	Introduction to Marketing Research a. Marketing Research- Definition, features, functions, significance of Marketing Research in marketing decision making, limitations of Marketing Research b. Steps in Marketing Research, Ethics in Marketing Research, Career options in Marketing Research, Qualities of a good Marketing Research professional c. Marketing Information System- Definition, components, essentials of a good MIS, Concept of Decision Support System- Components , importance Data Mining- concept, importance	July - 12
2	Planning Research a. Research Design- concept, importance, types Hypothesis- concept, types, importance b. Questionnaire- concept, types of questions, steps in the preparation of questionnaire, essentials of a good questionnaire c. Sampling- concept, terms in sampling, techniques of sampling, essentials of good sampling	August - 11
3	Data Collection a. Primary data-concept, merits, demerits, methods b. Secondary data- concept, merits, demerits, sources c. Qualitative and Quantitative research- concept, features, Qualitative v/s Quantitative research Integrating technology in data collection, methods- (online surveys, hand held devices, text messages, social networking), importance	September 11
4	Data Processing, Analysis, Reporting a. Stages in Data processing Editing- meaning, objectives, types Coding- meaning, guidelines Classification- meaning, methods Tabulation- meaning, methods b. Data Analysis & Interpretation Data Analysis- meaning, steps, use of statistical tools (SPSS, SAS, MS EXCEL, MINITAB) Data Interpretation- meaning, importance, stages c. Report Writing- concept, types, contents, essentials	Sept/October - 11

S. Shaikh

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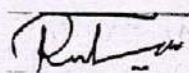
Anil

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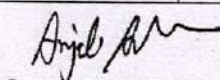
Subject: Marketing Research Paper II
Name of the Faculty Member: Reshma Khan

Sr. No.	Modules	No. of Lectures
1	Applications of Marketing Research-I. a. Product Research- concept, areas, steps in new product development Product Testing & Test Marketing- concept, methods b. Brand Research- concept, components of a Brand, importance of brand research Packaging Research- concept, importance c. Price Research- concept, factors influencing pricing, importance of price research, methods of price research	Dec - 12
2	a. Physical Distribution research- concept, types of distribution channels, Supply Chain Management- concept, components of supply chain management, importance of physical distribution research b. Promotion Research- concept, elements of promotion, importance of promotion research Advertising Research- concept, scope, pre & post testing methods of advertising effectiveness c. Consumer Research- concept, objectives, methods Motivation Research- concept, importance	Dec/Jan - 11
3	a. Sales Research- concept, significance, scope/areas b. Rural Marketing Research-concept, features of Indian rural market, sources of data, research tools, do's and don'ts in rural Marketing Research c. Global Marketing Research- concept, factors affecting Global Marketing , need and scope of Global Marketing Research	February - 11
4	Managing Marketing Research a. Organizing Marketing Research activity- factors involved in organizing Marketing Research activity, methods of organizing Marketing Research activity, In house marketing department,--structure, merits , demerits b. Professional Marketing Research agencies- structure, merits, demerits, professional standards Prominent Marketing Research agencies- HTA, ORG, IMRB, NCAER, Nielson	March - 11



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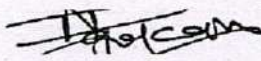
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Subject: Direct and Indirect Taxation Paper- I

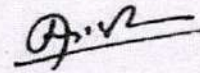
Name of the Faculty Member: CA Navneet Gokani, Nasir Usmani, Nitin Gangal

Sr. No.	Modules	No. of Lectures
1	Basic Terms Assessee, Assessment, Assessment Year, Annual value, Business, Capital Assets, Income, Person, Previous Year, Transfer	July 08
2	Scope of Total Income & Residential Status Scope of Total Income (S: 5) Residential Status (S: 6) for Individual assessee	July 04
3	Heads of Income Salary (S: 15 to 17) Income from House Properties (S: 22 to 27) Profit and Gain From Business (S:28, 30, 31, 32, 35, 35D, 36, 37, 40, 40A 43B. Capital Gains (S: 45, 48, 49, 50, 54, 54 EC) restricted to computation of Capital gain on transfer of residential house property only Income from Other Sources (S: 56 to S: 59) Exclusions From Total Income (S: 10) Exclusion related to specified heads to be covered with relevant head.eg. Salary, Business Income, Capital Gain, Income from Other Sources	August 14
4	Deduction from Total Income S 80 A, S 80C, 80CCC, 80D, 80DD, 80E, 80 U, 80 TTA	September- 04
5	Computation of Total Income for Individual	September - 09

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Subject: Direct and Indirect Taxation Paper- II

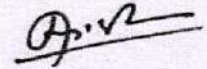
Name of the Faculty Member: CA Navneet Gokani, Nitin Gangal,

Sr. No.	Modules	Month No. of Lectures
1	Introduction What is GST Need for GST Dual GST Model Definitions	December- 09
2	Levy and Collection of Tax Scope of Supply Non taxable Supplies Composite and Mixed Supplies Composition Levy Levy and Collection of tax Exemption from tax	January- 09
3	Time, Place and Value of Supply Time of Supply Place of Supply Value of Supply	January - 09
4	Input Tax Credit & Payment of Tax Eligibility for taking Input Tax Credit Input Tax Credit in Special Circumstances Computation of Tax Liability and payment of tax	February - 09
5	Registration under GST Law Persons not liable registration Compulsory registration Procedure for registration Deemed registration Cancellation of registration	Mar/April - 09

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DEPARTMENT OF COMMERCE
TEACHING PLAN – 2021-22
CLASS: FYBCOM
DIVISION: I, II, III, IV
SEMESTER: I

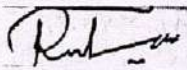
SUBJECT: ACCOUNTANCY & FINANCIAL MANAGEMENT
Subject Teachers: Dr. Arvind Luhar, Smt. Rajshree Vyas, Hasina Panwar, Pratiksha Gurav, Deepa Pal

Month	No of Lectures	Topics
July	13	AS-1 Disclosure of Accounting Policies, AS- 2 Valuation of Inventories and AS-9 Revenue Recognition
		Inventory Valuation: Introduction, Importance of Stock valuation, FIFO Method, Advantages and Disadvantages
		Practical Question based on FIFO Method
		Weighted Average Method, Advantages and Disadvantages, Practical Question based on WAM
August	12	Capital and Revenue Receipts and Expenditure, Introduction of Capital and Revenue Expenditure and Practical
		Question based on Capital and Revenue Expenditure
		Introduction of Capital and Revenue Receipt and Practical Question based on Capital and Revenue Receipt
		Introduction of Final Accounts of Manufacturing Concern + Practical Questions



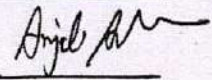
Subject: Marketing Research Paper II
Name of the Faculty Member: Reshma Khan

Sr. No.	Modules	No. of Lectures
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2	a. Physical Distribution research- concept, types of distribution channels, Supply Chain Management- concept, components of supply chain management, importance of physical distribution research b. Promotion Research- concept, elements of promotion, importance of promotion research Advertising Research- concept, scope, pre & post testing methods of advertising effectiveness c. Consumer Research- concept, objectives, methods Motivation Research- concept, importance	Dec/Jan - 11
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Subject: Direct and Indirect Taxation Paper- I

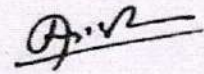
Name of the Faculty Member: CA Navneet Gokani, Nasir Usmani, Nitin Gangal

Sr. No.	Modules	No. of Lectures
1	Basic Terms Assessee, Assessment, Assessment Year, Annual value, Business, Capital Assets, Income, Person, Previous Year, Transfer	July 08
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4	Deduction from Total Income S 80 A, S 80C, 80CCC, 80D, 80DD, 80E, 80 U, 80 TTA	September- 04
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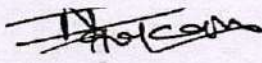


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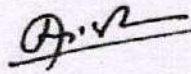
**Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce,
Jogeshwari (East), Mumbai - 400 060.**

Subject: Direct and Indirect Taxation Paper- II
Name of the Faculty Member: CA Navneet Gokani, Nitin Gangal,

Sr. No.	Modules	Month No. of Lectures
1	Introduction What is GST Need for GST Dual GST Model Definitions	December- 09
2	Levy and Collection of Tax Scope of Supply Non taxable Supplies Composite and Mixed Supplies Composition Levy Levy and Collection of tax Exemption from tax	January- 09
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4	Input Tax Credit & Payment of Tax Eligibility for taking Input Tax Credit Input Tax Credit in Special Circumstances Computation of Tax Liability and payment of tax	February - 09
5	Registration under GST Law Persons not liable registration Compulsory registration Procedure for registration Deemed registration Cancellation of registration	Mar/April - 09

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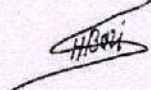


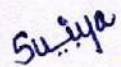


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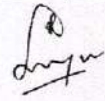
SUBJECT: COMMERCE

Subject Teachers: Prof. Hemraj Bari, Sumaiya Khan, Shraddha Jadhav

Sr. No.	Topic	Sub-topics	Number of lectures
1.	Module-I	Concept , Function, Significance of business, scope Traditional and Modern concept Steps in setting business objectives Classification of business objectives Reconciliation of Economic & Social objective New Trends in Business	2 2 2 1 2 3
2.	Module- II	Introduction , importance Interrelationship between business & Environment Current Trends in the World WTO Trading blocks & their impact on Indian business	2 2 3 2 2
3.	Module – III	Business planning process Project planning, project report, feasibility study types & its importance Concept & stages of Business Unit promotion Location – factors determining location & Role of Government in promotion Statutory requirements in promoting business unit Licensing & registration procedure Filing returns & other documents	4 4 3
4	Module - IV	Introduction- Concept of Entrepreneurship , factors contributing to its growth Entrepreneur & manager Entrepreneur and Intrapreneur Types of entrepreneurs Entrepreneurship training & development centers in India Incentives to entrepreneurs in India Women entrepreneurs problems And promotion	1 1 1 2 1 1 1


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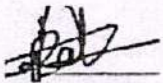
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SUBJECT: Environmental studies
Subject Teachers: Shraddha Jadhav, Smajucta Mokashi, Suryakant Patole

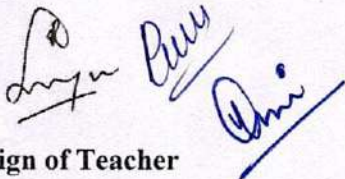
Month	Name of the Topic	Total lectures of the month (Environmental Studies)
June	<p><u>Unit- I Environment and Ecosystem</u> Meaning, Definition, Scope and its Components</p> <p>i) Ecosystem and Ecology: Definition, Characteristics, Components and Types</p> <p>iii) Functioning of the Ecosystem; Food Chain and Food Web- Ecological Pyramid Man and Environment Relationship</p> <p>iv) Importance and Scope of Environmental Studies</p>	08
July	<p><u>Unit- II Natural Resources and Sustainable Development</u></p> <p>i) Meaning and Definition of Resources</p> <p>ii) Classification and Types of Resources</p> <p>iii) Factor Influencing Resources</p> <p>iv) Resource Conservation- Meaning and</p> <p>v) Methods- Conventional and Non- Conventional Resources Problems Associated with Management of Water, Forest and Energy Resources.</p> <p>vi) Resource Utilization and Sustainable Development.</p>	14
August	<p><u>Unit- III Populations and Emerging Issues of Development</u></p> <p>Population Explosion in the World and in India and Arising Concerns. Demographic Transition Theory Patterns of Population Growth in the World The World Happiness Index Human Development Index Environment and Human Health Human Population and Environment</p>	13



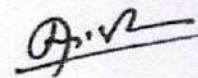
		Practical Questions on Final Accounts
September	13	Introduction of Departmental Accounts - Basis of Allocation of Expenses & Incomes
		Practical Questions - Inter Departmental Transfer at Cost Price & Invoice Price
		Stock Reserve - Practical Questions
		Practical Questions and Revision
October	12	Basic Accounting Concepts - Introduction to Hire Purchase and Meaning Calculation of Interest and Practical Questions Accounting Treatment Of Hire Purchase System - Journal Entries
		Practical Questions - In the Books of Hirer Practical Questions -In the Books of Vendor



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Jogeshwari (East), Mumbai - 400 060

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Department of BAF

Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Hasina Panwar

Class: FYBAF

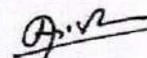
Semester: I

Subject: Financial Accounting

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July/August	1.Accounting Standard1- Disclosure of Accounting Policies. 2.Accounting Standard2-Valuationof Inventories. 3.Accounting Standard9-Revenue Recognition 4.Inventories	Annual Report of Live company to understand the Accounting Standards	15
September	5. Capital and Revenue: Expenditure and Receipts. 6. Final Accounts of Manufacturing Concerns	Assignments	15
October	6.Final Accounts of Manufacturing Concerns 7.Departmental Accounts	Assignments	14
November	8. Accounting for Hire Purchase	Assignments	13



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Name of the Faculty Member: Hasina Panwar/Pratiksha Gurav

Class: FYBAF

Semester: I

Subject: Cost Accounting

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July/August	1: Introduction to Cost Accounting Evolution Objectives and Scope of Cost Accounting Importance and Advantages of Cost Accounting Difference between Cost Accounting and Financial Accounting Limitations of Financial Accounting Definitions: Cost, Costing and Cost Accounting Classification of Cost on Different Bases Cost Allocation and Apportionment Coding System Essentials of Good Costing System	-	14
September	2. Material Cost: The Concept Material Control Procedure Documentation Stock Ledger, Bin Card Stock Levels Economic Order Quantity (EOQ)	Assignments	15
October	3. Labour Cost: The Concept Composition of Labour Cost Labour Cost Records Overtime / Idle Time / Incentive Schemes	Assignments	14
November	4: Overheads: The Concept Classification of overheads on different bases Apportionment and Absorption of Overheads	Assignments	13

Hasina Panwar

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Pratiksha Gurav

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Name of the Faculty Member: Pratiksha Gurav
Class: FYBAF
Semester: I
Subject: Financial Management

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July/August	1. Introduction to FM: Meaning, scope, Importance, objectives, Profit v/s Wealth maximisation 2. Leverages: Operating, financial, combined leverage numerical	Assignments	14
September	3. Cost of capital: Definition, importance, problems on WACC 4. Concepts in valuation: Present value, time value of money, returns from stocks, techniques of discounting & compounding	Assignments	13
October	Concepts in valuation to continue. 5. Types of financing: Need for finance, long/ medium / short term sources of finance	Assignments	14
November	Revision of concepts & problems	Assignments	11

Pratiksha Gurav

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A.V.

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Name of the Faculty Member: Rajdeep Kamble

Class: FYBAF

Semester: I

Subject: Business Economics

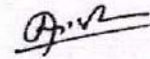
Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July/August	Introduction: Scope and Importance of Business Economics, Opportunity Cost, Incremental and Marginal Concept, Total, Average and Marginal Relations, Demand and Supply Analysis, Equilibrium Price, Meaning, significance, types and measurement of elasticity of demand, (Price, Income, Cross and Promotional Elasticity), Relation between AR, MR and Elasticity of Demand.		15
September	Demand Analysis Demand Forecasting and Estimation: Survey and Statistical Methods (Numerical Illustrations on Trend Analysis and Regression) Production Analysis, Short Run Production Function, Law of Variable Proportions, Producer's Equilibrium, Least Cost Combination of Inputs. Economic Region of Production and Ridge Lines.	Assignments	15
October	Supply and Production Decisions and Cost of Production: Long Run Production Function, Law of returns to Scale, Expansion Path, Economies and Diseconomies of Scale. Cost Concepts, Implicit and Explicit Costs, Fixed and Variable Costs, Short Run and Long Run Cost Concepts, Envelope Curve, Learning Curve, Break Even Analysis.		15
November	Market Structure: Perfect Competition and Monopoly Price and Output Decisions Under Imperfect Competition. Short Run and Long Run equilibrium of a	Assignments	15



	<p>Competitive firm and industry, Monopoly–Short Run and Long Run Equilibrium of a firm under Monopoly, Price Discrimination. Monopolistic competition : Short Run and Long Run Equilibrium of a firm, Product Differentiation, Role of Advertising. Oligopolistic Competition : price rigidity. Cartels and Price Rigidity. Pricing Practices: Cost Plus Pricing, Discriminating Pricing, Multi-Product Pricing, Transfer Pricing.</p>		
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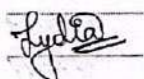
Name of the Faculty Member: Lydia Kalgutkar

Class: FYBAF

Semester: I

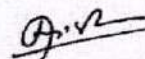
Subject: Business Communications

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July/August	Module I Theory of Communication lecture plan: Concept of Communication Channel and Objectives of Communication Methods and Modes of Communication Revision and Interaction; Intro to Module II		12
September	Module II Obstacles to Communication in the Business World: Problems in Communication/Barriers to Communication- Listening Introduction to Business Ethics Surrogate Advertising, Patents and Intellectual Property Rights, Dumping of Medical/E-Waste Human Rights Violations and Discrimination-	PPT Presentations	15
October	Module III Business Correspondence i) Theory of Business Letter Writing- ii) Personnel Correspondence		14
November	Module IV-Language and Writing Skills i) Commercial terms used in Business Communication-3 lectures ii) Paragraph Writing-6 lectures iii) Activities-6 lectures	PPT Presentations Debate Competition	15



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Name of the Faculty Member: Suryakant Patole

Class: FYBAF

Semester: I

Subject: Foundation Course

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July/August	Chap.1:Overview of Indian Society	Presentations (2 lectures)	6
	Chap.2: Concept of Disparity-1		5
September	Chap.2: Concept of Disparity-1	Presentations(contd.) (4 Lectures)	7
	Chap.3: Concept of Disparity-2		3
October	Revision for internals		2
	Chap4:The Indian Constitution		4
	Chap5:Significant aspects of Political Processes		5

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Name of the Faculty Member: Sumaiya Khan

Class: FYBAF

Semester: I

Subject: Business Environment

Month	Topics to be Covered	No. of Lectures
July/August	Business and Environment a) Business Objectives, Dynamics of Business and its Environment, Types of Business Environment b) Environmental Analysis: Importance, Factors, PESTEL Analysis, SWOT Analysis	15
September	Business and Society a) Business Ethics: Nature and Scope of Ethics, Ethical Dilemmas, Corporate Culture and Ethical Climate b) Development of Business Entrepreneurship: Entrepreneurship and Economic Development, Micro, Small and Medium Enterprises Development (MSMED) Act, 2006, Entrepreneurship as a Career Option c) Consumerism and Consumer Protection: Consumerism in India, Consumer Protection Act 1986	15
October	Contemporary issues a) Corporate Social Responsibility and Corporate Governance: Social Responsibility of Business, Ecology and Business, Carbon Credit b) Social Audit: Evolution of Social Audit, Benefits of Social Audit, Social Audit v/s Commercial Audit	15
November	International Environment a) Strategies for going Global: MNCs and TNCs, WTO b) Foreign Trade in India- Balance of Trade, FDI Investment Flows and its Implication for Indian Industries	15

Sumaiya

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A.V.

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**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari (East), Mumbai 400 060
Department of BAF**

Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Hasina Panwar

Class: FYBAF

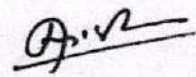
Semester: II

Subject: Financial Accounting - II

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
December	Accounting from incomplete Record Introduction Problems on Preparation of Final Accounts of Proprietary Trading Concern (Conversion Method)	Assignment	06
January/Feb	Consignment Accounting Accounting for Consignment Transactions Valuation of Stock Invoicing of Goods at Higher Price (Excluding Overriding Commission, Normal/Abnormal Losses)	Assignment	15
February	Branch Accounting Meaning / Classification of Branches Accounting for Dependent Branch Not Maintaining Full Books Debtors Method Stock and Debtors Method	Assignment	12
March/April	Fire Insurance Claim Computation of Loss of Stock by Fire Ascertainment of Claim as per the Insurance Policy Exclude: Loss of Profit and Consequential Loss	Assignment	14



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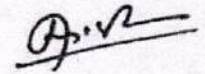
Name of the Faculty Member: Deepa Pal
 Class: FYBAF
 Semester: II
 Subject: Business Mathematics

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
December	Ratio, Proportion and Percentage Ratio- Definition, Continued ratio, Inverse Ratio, Proportion - Continued proportion, Direct proportion, Inverse proportion, Variation - Inverse variation, Joint variation Percentage- Meaning and computation of percentage	Assignment	12
January	Profit and Loss Terms and formulae, Trade discount, Cash discount, problems involving cost price, selling price, trade discount, cash discount. Introduction to Commission and brokerage – problems on commission and brokerage	Assignment	16
February	Interest and Annuity Simple interest, compound interest, Equated monthly instalments, reducing balance and flat rate of interest Annuity immediate- present value and future value Stated annual rate and effective annual rate	Assignment	16
March/April	Shares and Mutual Fund Shares- Concept, face value, market value, dividend, Equity shares, preference shares, bonus shares, Mutual Fund- Simple problems on calculation of net income after considering entry load, exit load, dividend, change in net asset value	Assignment	10



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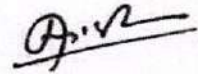
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Name of the Faculty Member: Hasina Panwar
Class: FYBAF
Semester: II
Subject: Auditing

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
December	Introduction to Auditing Basics; Errors and Frauds, Principles of Audit, Types of Audit, Miscellaneous, Accounting Concepts Relevant to Auditing	Case study	12
January	Planning, Procedure and Documentation Audit Planning Audit Programme Audit working Papers Audit Notebook	Case study	14
February	Audit Techniques Test Check Audit Sampling Internal Control Internal Checks Vs Internal Control, Internal Checks Vs Test Checks	Case study	13
March/April	Internal Audit Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit Internal Audit Vs External Audit, Internal Checks Vs Internal Audit	Case study	11



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Name of the Faculty Member: Aamba Mehta

Class: FYBAF

Semester: II

Subject: Business Law

Month	Topics to be Covered	No. of Lectures
December	Law of contract 1872 (a) Nature of Contract (b) Classification of Contracts (c) Offer and Acceptance (d) Capacity of Parties to Contract (e) Free Consents (f) Consideration (g) Legality of Object (h) Agreement Declared Void (i) Performance of Contract (j) Discharge of Contract (k) Remedies for Breach of Contract (l) Indemnity (m) Guarantee (n) Bailment and Pledge (o) Agency	14
January	Sale of Goods 1930 (a) Formation of Contract of Sale (b) Goods and their Classifications (c) Price, Conditions and Warranties (d) Transfer of Properties in Goods (e) Performance of Contract of Sales (f) Unpaid Seller and his Rights (g) Sale by Auction (h) Hire Purchase Agreement	13
February	Negotiable Instruments Act 1881 (a) Definition of Negotiable Instruments (b) Features of Negotiable Instruments (c) Promissory Note (d) Bill of Exchange and Cheque (e) Holder and Holder in due Course (f) Crossing of a Cheque (g) Types of Crossing (h) Dishonour and Discharge of Negotiable Instruments	12
March/April	Consumer Protection Act 1986 (a) Salient Features (b) Definition of Consumers (c) Deficiency in Service (d) Defects in Goods	11

Aamba J. Mehta

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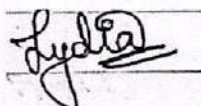
Name of the Faculty Member: Lydia kalgutkar

Class: FYBAF

Semester: II

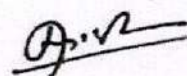
Subject: Business Communication II

Month	Topics to be Covered	No. of Lectures
December	Presentation Skills Presentations: (to be tested in tutorials only) 4 Principles of Effective Presentation Effective use of OHP Effective use of Transparencies How to make a Power-Point Presentation	6
January	Group Communication Interviews: Group Discussion Preparing for an Interview, Types of Interviews – Selection, Appraisal, Grievance, Exit Meetings: Need and Importance of Meetings, Conduct of Meeting and Group Dynamics Role of the Chairperson, Role of the Participants, Drafting of Notice, Agenda and Resolutions Conference: Meaning and Importance of Conference Organizing a Conference Modern Methods: Video and Tele – Conferencing Public Relations: Meaning, Functions of PR Department, External and Internal Measures of PR	16
February	Business Correspondence Trade Letters: Order, Credit and Status Enquiry, Collection Letters of Inquiry, Letters of Complaints, Claims, Adjustments Sales Letters, promotional leaflets and fliers Consumer Grievance Letters, Letters under Right to Information (RTI) Act	16
March/April	Language and writing Skills Reports: Parts, Types, Feasibility Reports, Investigative Reports	10



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Name of the Faculty Member: Suryakant Patole

Class: FYBAF

Semester: II

Subject: Foundation Course II

Month	Topics to be Covered	No. of Lectures
December	Globalisation and Indian Society Understanding the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.	12
January	Human Rights Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution	13
February	Ecology Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation- causes and impact on human life; Sustainable development- concept and components; poverty and environment Understanding Stress and Conflicts Causes of stress and conflict in individuals and society; Agents of socialization and the role played by them in developing the individual; Significance of values, ethics and prejudices in developing the individual; Stereotyping and prejudice as significant factors in causing conflicts in society. Aggression and violence as the public expression of conflict	10 04
March/April	Managing Stress and contemporary issue Types of conflicts and use of coping mechanisms for managing individual stress; Maslow's theory of self-actualisation; Different methods of responding to conflicts in society; Conflict-resolution and efforts towards building peace and harmony in society	10

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Name of the Faculty Member: Pratiksha Gurav

Class: FYBAF

Semester: II

Subject: Innovative Financial Services

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
December	Introduction to Financial Service Financial Services Factoring and Forfaiting Bill Discounting:		12
January	Issue management and securitization Issue Management and Intermediaries Stock Broking Securitization		13
February	Financial Services and its mechanism Lease and Hire-Purchase Housing Finance Venture Capital		13
March/April	Consumer Finance and credit rating Consumer Finance Plastic Money Credit Rating		15

Pratiksha Gurav

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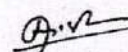
Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Hasina Panwar
Class: SYBAF
Semester: III
Subject: Financial Accounting

Month	Topics to be Covered	No. of Lectures
June	Partnership Final Accounts Definition of Partnership, Adjustment relating to interest on capital, interest on drawing, salary, interest on loan, sharing of profit, appropriation, admission of partner and illustrations related to it	12
July	Retirement of Partner, Death of Partner and Piecemeal Distribution of Cash Piecemeal Distribution- Distribution Stages, Settlement of liabilities, Proportionate Capital Method	14
August	Amalgamation of Firms Amalgamation – Realisation Method Accounting Goodwill Adjusted / Good will Capital Adjusted Sole Traders Amalgamation into Firm and Illustration	13
September	Conversion of Partnership Firm into Limited Company Purchase Consideration and Journal Entries Books of Firm Books of Companies Accounting of Transactions of Foreign Exchange Translation of Foreign Exchange Balance Accounting for Exchange Difference	13



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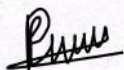
Name of the Faculty Member: Pratiksha Gurav

Class: SYBAF

Semester: III

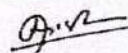
Subject: Cost Accounting

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
June/July	Classification of Cost Classification of costs, Cost of Sales, Cost Centre, Cost Unit, Profit Centre and Investment Centre Cost Sheet, Total Costs and Unit Costs, Different Costs for different purpose; Practical problems based on Cost Sheet Financial and Cost Reconciliation Practical problems based on reconciliation of cost and Financial accounts		18
August	Contract Costing Progress payments, Retention money, Contract accounts, Accounting for material, Accounting for Tax deducted at source by the contractee, Accounting for plant used in a contract, treatment of profit on incomplete contracts, Contract profit and Balance sheet entries. Escalation clause, practical problems		14
September	Process Costing Process loss, Abnormal gains and losses, Joint products and by products. Excluding Equivalent units, Inter-process profit Practical problems Process Costing and joint and by products		15



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Name of the Faculty Member: Nasir Usmani
Class: SYBAF
Semester: III
Subject: Direct Tax

Month	Topics to be Covered	No. of Lectures
June	<p>Definitions u/s – 2 : Section 2 – Assessee, Assessment Year, Assessment, Annual value, Business, Capital asset, Income, Person, Previous Year, Transfer Basis of Charge :</p> <p>Section 3 – 9 – Previous Year, Residential Status, Scope Of Total Income, Deemed Income Exclusions from Total Income: Section 10 – restricted to, Agricultural Income, Sums Received From HUF By Member, Share of Profit from Firm, Casual & Non Recurring Receipts, Scholarships, Income of Minor Child, Allowance to Members of Parliament and Legislative Assembly. Note -Exemptions related to specific Heads of Income to be covered with Relevant Provisions. Various Heads of Income Salary Income: Section 15 – 17, Including Section 10 relating to House Rent Allowance, Travel Concession, Special Allowance, Gratuity, Pension – Commutation, Leave Encashment, Compensation, Voluntary Retirement, Payment from Provident Fund</p>	13
July	<p>Income From House Property : Section 22 – 27, Including Section 2 – Annual Value Profits & Gains From Business & Profession :</p>	13



August	Capital Gains : Section 45, 48, 49, 50, 54 and 55 Income from Other Sources: Section 56 – 59 80 A- Restriction on claim in Chapter VI- A deductions 80 C – Payment of LIC/PF and other eligible investments 80CCC – Contribution to certain Pension Fund 80D – Medical Insurance Premium 80 DD- Maintenance and medical treatment of handicapped dependent 80E – Interest on Educational Loan 80 TTA- Interest on Saving Bank account 80U – Deduction in the case of totally blind or physically handicapped or mentally retarded resident person Vocation Section 28-32, 36, 37, 40, 40A, 43B, 44AD, 44ADA & 44AE including.: Section 2 – Business	10
September	Computation of Total Income of Individual and HUF with respect to above heads and deductions	14

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Name of the Faculty Member: Aamba Mehta
Class: SYBAF
Semester: III
Subject: Business Law

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
June / July	Module 1: The Indian Partnership Act 1932. Chp 1. The Concept of Partnership Chp 2. Registration and effects of Non-registration Chp 3. Rights and Duties of Partners Chp 4. Authority & Liability of Partners		14
August	Module 1: The Indian Partnership Act 1932. Chp 5. Admission, Retirement & Expulsion of Partner & Dissolution of Partnership. Module 2: The Limited Liability Partnership Act 2008. Chp 6. Nature of LLP. Chp 7. Liability of LLP, Conversion & Winding up of LLP.		16 12
September	Module 2: The Limited Liability Partnership Act 2008. Chp 7. Liability of LLP, Conversion & Winding up of LLP.		8

Aamba J. Mehta

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Name of the Faculty Member: Rajdeep Kamble

Class: SYBAF

Semester: III

Subject: Macro Economics

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
June	Macro Economics, Circular Flow of Income, Measurement of National Product, Trade Cycles		04
	Keynesian Economics- Theory of Effective Demand, Consumption Function, Investment Function, Theory of Multiplier, Money Supply, Demand For Money, Money and prices	Presentation	12
July	Inflation, Monetary Policy, Role of the Government, Fiscal Policy, Instruments of Fiscal Policy, Public Expenditure	Presentation	10
August	Public Debt, Union Budget- Structure of the Budget, Deficit Concepts, Federal Responsibility and Budget Management Act, Open Economy- Ricardian Theory of Trade, Heckscher- Ohlin Theory, Terms of Trade, Gains From Trade	Presentation	16
September	Free Trade vs Protection, Foreign Investment, Structure of Balance of Payments, Disequilibrium in Balance of Payments and Measures to Correct it, Foreign Exchange Market, Fixed v/s Flexible Exchange Rate		05

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Name of the Faculty Member: Suryakant Patole

Class: SYBAF

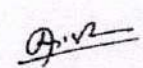
Semester: III

Subject: Information Technology

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
June/July	Basics of Computers, Characteristics, Parts of computers, Networking history, types, topologies	Pictionary game played	10
July/ August	MS Word, MS Excel, MS PowerPoint	HTML	10
August	Web, browsers, email, Internet technologies, EDI, Internet history, types of internet connections	Presentations on emerging technologies	10
September	Ecommerce, types, Applications of Ecommerce, Payment systems, accounting software	Tally practical	10
September	Ecommerce, advantages, disadvantages, role and strategies, value chains, web based tools, security threats, support activities, business plans Implementing Ecommerce.	SAP and its working	10


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Name of the Faculty Member: Sumaiya Khan
Class: SYBAF
Semester: III
Subject: Financial Market Operations

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
July	Module I – Complete		5
	Module II – Financial Markets and Capital Markets (upto Primary Market)		9
August	Module II – Capital Markets (Secondary Market), Debt Market and Bond Market		4
	Module III – Financial Instruments		10
September	Module IV – Financial Services (Merchant Banking)		6
	Revision for Internals		8
October	Module IV – Other Financial Services		6
	Revision for Semester Exams		8

Sumaiya

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Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Hasina Panwar

Class: SYBAF

Semester: IV

Subject: Financial Accounting

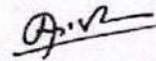
Month	Topics to be Covered	Additional Activities Done	No. of Lectures
November	Redemption of preference shares Introduction : Provisions of Section 71 (1) and (4) of the Companies Act, 2013, Creation and investment of DRR including The Companies (Share Capital and Debentures) Rules, 2014, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures Methods of redemption of debentures: By payment in lumpsum and by payment in instalments (excluding from by purchase in open market), Conversion.		11
December	Redemption of debentures Provision of the Companies Act for redemption of Preference Shares (Sec 55 of the Companies Act, 2013), Companies (Share and Debentures) Rules. Methods of Redemption of fully paid up Preference Shares as per Companies Act, 2013: The proceed of a fresh issue of shares, the capitalisation of undistributed profits and a combination of both, calculation of minimum fresh issue to provide the fund for redemption		12
January	Profit Prior to Incorporation Principles for ascertainment Preparation of separate, combined and columnar Profit and Loss Account including different basis of allocation of expenses/ income		11



February	Company Final Accounts Relevant provisions of Companies Act related to preparation of Final Account Preparation of financial statements as per Companies Act. AS 1 in relation to final accounts of companies (disclosure of accounting policies) Foreign Branch		15
March	Foreign Branch- Conversion as per AS 11 and incorporation in HO accounts		03



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Name of the Faculty Member: Pratiksha Gurav

Class: SYBAF

Semester: IV

Subject: Management Accounting

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
November	Introduction to Management Accounting Meaning, Features, Scope, Importance, Functions, role of Management Accounting, Management Accounting Framework, Tools, Management Accounting and Financial Accounting		12
December	Analysis and Interpretation of Accounts a) Vertical Forms of Balance Sheet and Profit and Loss Account suitable for analysis b) Trend Analysis. c) Comparative Statement. d) Common Size Statement. Ratio Analysis Meaning of financial Statement Analysis, steps, Objective and types of Analysis. Ratio analysis: Meaning, classification, Du Point Chart, advantages and Limitations.		08 08
January	Cash Flow Preparation of Cash Flow Statement with reference to Accounting Standard No .3. (Indirect method only))		10
February	Working Capital Management A. Concept, Nature of Working Capital , Planning of Working Capital B. Estimation / Projection of Working Capital Requirement in case of Trading and Manufacturing Organization C. Operating Cycle Practical Problems		10
March	Revision		02

Pratiksha Gurav

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Pratiksha Gurav

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Name of the Faculty Member: Nasir Usmani

Class: SYBAF

Semester: IV

Subject: Direct Tax

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
November	Clubbing of Income (Section 60 to 65) Setoff and carry forward of losses Sec: 70 – Set off Loss from one Source against Income from another Source under the Same Head of Income Sec: 71 – Set Off Loss from One Head against Income of another Head Sec: 71B – Carry Forward & Set off Losses from House Property Sec: 72 – Carry Forward & Set Off of Losses of Business Losses Sec: 73- Losses in Speculation Business Sec: 74- Loss under the head Capital Gains		5 5
December	Computation of income of individual, partnership and HUF		10
January	Rate of Income and TDS		10
February	DTAA Tax Planning & Ethics in Taxation – Basic Concepts		15
March	Revision		03

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Name of the Faculty Member: Aamba Mehta

Class: SYBAF

Semester: IV

Subject: Company Law

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
November	Definition Section 2 Clause (2) – Accounting Standard Clause (7) – Auditing Standard Clause (13) – Books of Accounts Clause (31) – Deposit Clause (41) – Financial Year Clause (42) – Foreign Company Clause (47) – Independent Director Clause (48) – Indian Depository Receipts Clause (62) – One Person Company Clause (85) – Small Company		5
	Incorporation of Company (Section 3 to Section 20)		5
December	Public Offer (Sections 23, 25 to 28, 33, 35, 39)		10
January	Private Placement (Section 42)		10
February	Share Capital and Debentures (Sections 43, 46, 47, 52 to 56, 61 to 72)		15
March	Revision		02

Aamba J. Mehta

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Name of the Faculty Member: Sumaiya Khan
 Class: SYBAF
 Semester: IV
 Subject: FC in Management

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
November	Basic Management Concept Introduction to Management, Definition of Management Nature of Management Objectives of Management Administration vs Management Levels of Management Principles of Management		6
December	Planning Definition and Importance of Planning Process of Planning Limitations of Planning Features of Sound Planning Features and process of decision making		10
January	Organising Definition, nature and significance Process of organisation Principles of organisation Formal and Informal organisation - features, advantages and disadvantages Centralisation and decentralisation – factors, merits and demerits Departmentation and Delegation		10
February	Staffing Directing Controlling		5 5 5
March	Revision		02

Sumaiya

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Name of the Faculty Member: Suryakant Patole

Class: SYBAF

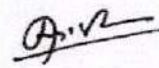
Semester: IV

Subject: Information Technology

Month	Topics to be Covered	Additional Activities Done	No. of Lectures
November	Business Process		10
December	Computerised Accounting System		10
January	Concept of MIS Introduction, Concept of MIS Need for MIS, Characteristic of MIS Outputs of MIS, Role of MIS Guidelines for Developing MIS reports Functional Aspects of the MIS: Problems in MIS, Knowledge required for studying MIS MIS and Computer		10
February	IT and Auditing Need and importance of IT in auditing Auditing in IT environment		10



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Name of the Faculty Member: Rajdeep Kamble

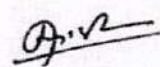
Subject: Research Methodology

Month	Topics to be Covered	No. of Lectures
November	Introduction to research Introduction and meaning of research, Objectives of research, Features and Importance of research in Accounting and Finance, Objectives and Types of research - Basic, Applied, Descriptive, Analytical and Empirical Research. Formulation of research problem : Meaning and Selection Review of Literature	12
December	Research Design and Accounting Meaning of Introduction, Need, and Good research design. Hypothesis: Formulation, Sources, Importance and Types Different Research designs	10
January	Data collection and Processing Data Collection: Introduction and meaning, types of data Primary data: Observation, Experimentation, Interview, Schedules, Survey, Questionnaires, Limitations of Primary data Secondary data: Sources and Limitations Factors affecting the choice of method of data collection. Sampling: Significance, Methods, Factors determining sample size Data Presentation: Significance in Research, Stages in Data Processing: Editing, Coding, Classification, Tabulation, Graphic Presentation Statistical Analysis: Tools and Techniques, Measures of Central Tendency, Measures of Dispersion, Correlation Analysis and Regression Analysis. Use of computer and internet in data collection and processing	10
February	Interpretation and report writing Meaning and techniques of interpretation, Research Report Writing: Importance, Essentials, Structure/ layout, Types	15



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Teaching Plan for Academic Year 2022-23

Name of the Faculty Member: Sumaiya Khan

Class: TYBAF

Semester: V

Subject: Management Application

Month	Topics to be covered	No of Lectures
June/July	<p>Marketing Management</p> <p>Meaning and Definition of Marketing – 4 Ps of Marketing, Importance</p> <p>Product Management – Meaning & Definition – Product Development Strategies, Product life cycle, Branding Meaning, Factors influencing branding</p> <p>Price Management – Meaning and Definition – Factors affecting pricing decisions, Pricing Strategies</p> <p>Place (Distribution) Management – Meaning and Definition – Factors Governing Distribution Decisions – Types of Distribution Channels</p> <p>Promotion Management – Meaning – Promotion Strategies, Integrated marketing communication</p>	12
August	<p>Production Management</p> <p>Meaning and Definition of Production Management – Scope of Production Management, Steps in Production Planning and Control</p> <p>Meaning of Productivity - Measurement of Productivity – Measure to increase Productivity – Productivity Movement in India</p> <p>Meaning and Definition of Quality Management – TQM – Quality Circles – ISO 9000/14000</p> <p>Inventory Management – Meaning and Methods</p>	13
September	<p>Human Resource Management</p> <p>Human Resource Management – Meaning, Nature, Functions of Human Resource Management</p> <p>Human Resource Planning- Meaning, Process of Human Resource Planning</p> <p>Human Resource Development- Methods of Developing Human Resource</p> <p>Performance Appraisal – Meaning and Definition – Traditional and Modern Methods of Appraisal</p> <p>Employee retention Leadership- Traits, Styles</p> <p>Motivation- Factors of Motivation, Theories of Motivation Maslow's Theory, Douglas MacGregor's Theory X and Theory Y</p>	14



October	Financial Management Meaning and Definition of Financial Management – Functions of Financial Management Capital Budgeting- Introduction, Importance and Process Capital Structure- Meaning, Factors affecting Capital Structure Capital Market – Meaning and Constituents – Functions Fundamental Analysis – Technical Analysis - Venture Capital – DEMAT Account - Futures and Options	15
November	Revision	03

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Name of the Faculty Member: Hasina Panwar

Class: TYBAF

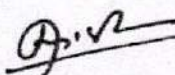
Semester: V

Subject: Financial Accounting

Month	Topics to be covered	Topics for Internal	No of Lectures
June/July	AS – 14 - Amalgamation, Absorption & External Reconstruction.	Amalgamation, Absorption & External Reconstruction. Internal Reconstruction	12
August	AS – 14 - Amalgamation, Absorption & External Reconstruction. Internal Reconstruction		12
September	Internal Reconstruction Underwriting of shares & debentures		13
October	Underwriting of shares & debentures Liquidation of Companies		10
November	Buy-Back of shares		5
	Revision		


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Name of the Faculty Member: Nasir Usmani

Class: TYBAF

Semester: V

Subject: Cost Accounting

Month	Topics to be covered	Topics for Internal	No of Lectures
June/July	Uniform Costing and Inter-Firm Comparison Integrated System and Non Integrated System of Accounts	Uniform Costing and Inter-Firm Comparison Integrated System and Non Integrated System of Accounts	13
August	Integrated System and Non Integrated System of Accounts Operating Costing		12
September	Operating Costing Process Costing- Equivalent Units of Production and Inter-process Profit		10
October	Process Costing- Equivalent Units of Production and Inter-process Profit Introduction to Emerging concepts in costing		12
November	Introduction to Emerging concepts in costing Revision		5

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A. V.

Sign of Coordinator

Name of the Faculty Member: Pratiksha Gurav

Class: TYBAF

Semester: V

Subject: Financial Management

Month	Topics to be covered	No of Lectures
June/July	Strategic Financial management Strategic Financial Management – Need and Importance Corporate, Business and Functional Strategy, Financial Planning - Need and Importance, Profit Maximization Wealth Maximization, Interface of Financial Policy and Strategic Management, Relationship of Finance to Economics and Accounting Role of Financial Manager	12
August	Capital Budgeting Introduction - Capital Budgeting Process, Project Classification and Investment Criteria. Techniques of Capital Budgeting - NPV, Benefit Cost Ratio, Internal Rate of Return, Modified Internal Rate of Return, Payback period, Discounted Payback Period and ARR. (Inclusive of Estimation of Project Cash Flows) Capital Rationing – Meaning, Need and Dealing with Capital Rationing Problems Risk Analysis in Capital Budgeting – Sources and Perspectives of Risk, Sensitivity Analysis, Scenario Analysis, Simulation Model, Decision Tree Analysis and Break -Even Analysis.	11
September	Capital Structures	12
October	Mutual Funds and Bond Valuation Introduction to Mutual Fund- History & Origin, Definition, Meaning, Characteristics, Advantages, Disadvantages, Limitations of Mutual Funds, Ethics in Mutual Fund. Entities involved – Sponsor, Trust, Trustee, Asset Management Company, Registrar and Transfer Agent (RTA) and Fund Houses in India. Classification of Mutual Fund - Functional/Operational – Open ended, close ended, Interval, Portfolio – Income, Growth, Balanced, MMMF, Geographical/ Location – Domestic and Offshore, Tax Saving Funds, Exchange Traded Funds , Balance Funds , Fixed Term Plan Debt Funds and SIP. Calculations of NAV, Entry Load and Exit Load. Bond Valuation - Meaning, Measuring Bond Returns – Yield to Maturity, Yield to call and Bond Pricing. Bond Pricing Theorems, Bond Risks and Bond Duration.	12
November	Credit Management – Terms of Payment, Credit Policy Variables, Credit Evaluation, Credit Granting Decision, Control of Accounts Receivables ie Receivables Management, Ageing Schedule and Credit Management in India	3

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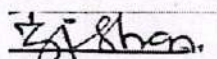


Pratiksha Gurav

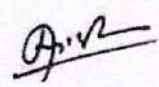
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Name of the Faculty Member: Zishan Mukary
Subject: Taxation

Month	Topics to be covered	No of Lectures
June/July	<p>Introduction to GST Basics for Taxation - Direct Taxes and Indirect Taxes – Features of Indirect taxes) Difference, Advantages and Disadvantages, Sources and Authority of Taxes in India (Art 246 of the Indian Constitution) Introduction to GST – Genesis of GST in India, Power to tax GST (Constitutional Provisions), Extent and Commencement, Meaning and Definition of GST, Benefits of GST, Conceptual Framework – CGST, IGST,SGST,UTGST, Imports of goods or services or both, Export of goods or services or both, Taxes subsumed and not subsumed under GST.GST Council and GST Network Definitions under CGST Act Registration Registration – Persons liable for Registration, Persons not liable for Registration, Procedure for Registration, Deemed Registration,, Amendment, Cancellation and Revocation of Registration.</p>	12
August	<p>Levy and Collection of GST Charge of GST, Levy and Collection GST, Composite and Mixed Supplies under GST, Power to Grant Exemption, Negative list of GST, GST Rate Schedule for Goods and Services</p>	12
September	<p>Concept of supply Taxable Event Supply Place of Supply Time of Supply Value of Supply</p>	10
October	<p>Documentation - Tax Invoices, Credit and Debit notes</p>	12
November	<p>Input Tax Credit and Computation of GST Eligibility and conditions for taking Input Tax Credit Apportionment of credit & Blocked credits Credit in special circumstances Computation of GST under Inter State supplies and Intra State Supplies</p>	5


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Name of the Faculty Member: Nasir Usmani
Subject: Financial Accounting VI

Month	Topics to be covered	No of Lectures
June/ July	Final Accounts of Banking Company Legal provision in Banking Regulation Act, 1949 relating to Accounts. Statutory reserves including Cash Reserve and Statutory Liquidity Ratio. Bill purchase and discounted, rebate of bill discounted. Final Accounts in prescribed form Non – performing assets and Income from non – performing assets. Capital Adequacy Classification of Advances, standard, sub – standard, doubtful and provisioning requirement.	12
August	Final Accounts of Insurance Company (Excl. Life Insurance) Non Banking Financial Company Introduction, Definition, Registration and Regulation, Classification, Income Recognition, Accounting of Investment, Applicability of Prudential Norms, Assets classification, Non- performing Assets, Capital Adequacy, Preparation of Financial statement	13
September	Valuation of goodwill and shares Valuation of Goodwill Maintainable Profit method, Super Profit Method Capitalization method, Annuity Method Valuation of Shares Intrinsic Value Method, Yield method and Fair Value Method	13
October/November	Accounting for Limited Liability Partnership -Statutory provisions Conversion of partnership business into Limited Liability Partnership Final accounts	10

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Department of BAF

Teaching Plan for Academic Year 2022-23

Class: TYBAF

Semester: VI

Name of the Faculty Member: Nasir Usmani

Subject: Cost Accounting

Month	Topics to be covered	No of Lectures
January	Budgeting and Budgetary Control Meaning & objectives, Advantages and limitations of budgets Functional budgets, fixed and flexible budgets Zero based budgeting, performance budgeting	14
February	Absorption Costing and Marginal Costing Cost Volume and Profit Analysis Absorption Costing and Marginal Costing Meaning of absorption costing, Introduction to marginal costing Distinction between absorption costing and marginal costing Advantages and limitations of marginal costing	13
March	Managerial Decision Making Make or buy Sales mix decisions Exploring new markets Plant shut down decision Practical problems	12
April	Standard Costing and Variance Analysis Preliminaries in installing of a standard cost system Material Cost variance, Labour cost variance, Variable overhead variances, Fixed Overhead variances, Sales variances, Profit variances	13

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Name of the Faculty Member: Pratiksha Gurav
Subject: Financial Management

Month	Topics to be covered	No of Lectures
January	<p>Business Valuation Conceptual Framework of Valuation – Book Value, Market Value, Economic Value, Liquidation Value, Replacement Value, Salvage Value, Value of Goodwill and Fair Value Approaches of Valuation – Assets Based Approach to Valuation, Earnings Based Approach to Valuation , Earnings Measure on Cash Flow Basis, Market Value Added Approach and Economic Value Added.</p>	8
February	<p>Mergers and Acquisitions Introduction- Basic modes of acquiring another firm, Synergy effects, Difference between Merger and Takeover, Advantages of Mergers and Acquisitions, Benefits of Merger for Acquiring firm, Reasons of companies to offer themselves for sale, Reasons for failure of Mergers and Reverse Merger. Commonly Used Bases for determining the Exchange Ratio – EPS, MPS, Book value and Combination of Measures and Evaluation of Mergers</p>	14
March	<p>Corporate restructuring and Take over Introduction – Meaning, Need and Importance, Forms of Restructuring, Advantages and Disadvantages Takeovers – Meaning, SEBI Guidelines, Anti-takeover defenses and Asset and Liability Restructuring. (Practical Problems)</p>	06
April	<p>Lease and Hire Purchase Introduction – Meaning and Types of Leases, Rationale, Mechanics, Operating Leases, Leasing as Financing Decisions, Calculation of Cash flows of a finance Lease. Hire Purchase – Meaning, Need and Importance, Calculation of Hire Purchase instalments.</p>	10
April	<p>Working Capital Finance Introduction – Key features and Characteristics of Trade Credit, Bank Credit, Commercial Papers, Certificate of Deposits and Factoring. Practical Problems based on Factoring and calculations of yield of CP's and CD's</p>	06

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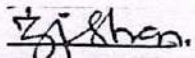
Name of the Faculty Member: Zishan Mukhary

Class: TYBAF

Semester: VI

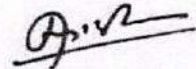
Subject: Taxation

Month	Topics to be covered	No of Lectures
January	Payment of Tax and Refunds Payment of Tax, Interest and other Amounts, Interest on delayed Payment, TDS, TCS Refund of tax, Refund in certain cases, Interest on delayed refunds	12
February	Returns - Types of Returns and Provisions relating to filing of Returns Accounts, Audit, Assessments and Records Accounts and other records, Period of retention of accounts, Electronic Way Bill Self-Assessment, Provisional Assessment, Scrutiny of Returns, Assessment of non-filers of Returns, Assessment of Unregistered person, summary assessment in certain special cases, Audit by tax authorities, Special Audit.	14
March	Custom Act I Custom Act II	12
April	Foreign Trade Policy Introduction to FTP – legislation governing FTP, salient features of an FTP, Foreign Trade Policy 2015- 20, administration of FTP, contents of FTP, scope of FTP. Provision related to import and export of goods Basic concepts relating to export promotion schemes provided under	10
April	FTP – Duty Exemption & remission Schemes, Duty Free Import Authorization Scheme, Reward scheme, Export Promotion Capital Goods Scheme, EOU, STP, BTP AND EHTP scheme.	03



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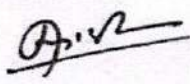
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Name of the Faculty Member: Hasina Panwar
Class: TYBAF
Semester: VI
Subject: Financial Accounting VII

Month	Topics to be covered	No of Lectures
January	Investment Accounts	06
	Mutual Funds	06
February	Final Account for Electricity Company Final Accounts as per Double Account System Final Accounts as per Electricity Rules Receipt & Expenditure on Capital Account General Balance Sheet Contingency Reserve	10
March	Final Accounts for Co-Operative Society	10
April	Final Accounts for Co-Operative Society	05
April	Introduction to IFRS and Ind – AS IFRS : Introduction, scope Purpose & Objective of financial statement-its Frame work-its assumption, characteristics, element, recognition & measurement., first time adoption of IFRS Convergence of Ind-As and IFRS	06


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Name of the Faculty Member: Rajdeep Kamble

Class: TYBAF

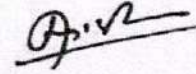
Semester: VI

Subject: Economics

Month	Topic to be Covered	No of Lectures
December	Introduction - Agricultural Sector	13
January	Industrial Sector, Growth and pattern of Industrialization, Industrial policy of 1991, Small scale sector	14
February	Service Sector, External Sector ,Recent trends in Banking industry, Insurance, Healthcare and Tourism Industry, FDI, SAARC, ASEAN and WTO	13
March	Money and Banking Monetary Policy , Progress of Commercial Banking ,SEBI Money market and its features Monetary policy of RBI Progress of commercial banking in India Development of capital markets SEBI and its functions	12



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Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari (East), Mumbai 400060
Department of M.Com (Accountancy & Management)
Teaching Plan – 2022-23

M.COM PART I - SEM I (Accountancy & Management)
Subject: Economics for Business Decisions
Faculty: Rejdeep Kamble

Sr no	Modules	Topic	No of Lectures	Months
1.	Module- I Basic Principles in Business Economics	Meaning and scope of Business Economics - twin principles of scarcity and efficiency; incremental and Marginal principle; profit maximization principle; market economy and invisible hand; production possibility frontier; Opportunity cost-accounting profit economic profit;market failure,externality,public goods and economic role of Government	15	September
2.	Module-II Demand and Supply Analysis	Determinants of demand - market demand function - theory of attributes, snob appeal, band wagon and Veblen effect and demand function. Law of supply- elasticity of supply Applications of elasticity of demand and supply to economic issues: Paradox of bumper harvest- tax on price and quantity - minimum floor and maximum ceilings: minimum wages controversy and Administered price control The theory of consumer choice-Consumer preference and budget constraint- Equilibrium position of tangency with the help of Indifference curve analysis- effect of changes in price and income on consumer equilibrium	15	October
3	Module – III Production Decisions and Cost analysis	Production function - short run and long run - Law of variable proportion, returns to scale, scale economies, scope economies- least cost factor combination for a given output- Expansion path and Multiproduct firm- cost reduction through experience - learning curve Economic analysis Cost: Classification Of Costs, short run and long run cost Functions.	15	November
4	Module – IV Market structure analysis	Difference between perfectly and imperfectly competitive markets -Perfect competition and Monopoly as limiting cases of market imperfections - Sources of market power - profit maximization of simple and discriminating monopolist- methods of measuring monopoly power - Public policy towards monopoly power	15	December

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Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce,
Jogeshwari (East), Mumbai -400 060.

Subject: Cost and Management Accounting
Faculty: Nasir Usmani

Sr no	Modules	Topic	No of Lectures	Months
1.	Module- I Standard Costing	Standard Costing as an Instrument of Cost Control and Cost Reduction - Fixation of Standards-Theory and Problems based on Analysis of Variances of Materials, Labour Overhead and sales including Sub-variances	12	September
2.	Module – II Marginal and Absorption Costing	Meaning of Absorption Costing - Distinction between Absorption Costing and Marginal Costing - Problems on Break Even Analysis - Cost Volume Profit Analysis - Break Even Charts - Contribution Margin and Various Decision Making Problems Managerial Decisions through Cost Accounting such as Pricing Accepting Special Offer - Profit Planning - Make or Buy Decisions - Determining Key Factors – Determining Sales Mix-Determining Optimum Activity Level-Performance Evaluation- Alternative Methodsof Production, Cost Reduction & Cost Control	11	October
3	Module - III Budgetary Control	Budget and Budgetary Control - Zero Based Budget - Performance Budgets - Functional Budgets Leading to the Preparation of Master Budgets - Capital Expenditure Budget -Fixed and Flexible Budgets- Preparation of Different Types of Budgets	13	November
	Module - IV. Operating Costing	Meaning of Operating Costing - Determination of Per Unit Cost- Collection of Costing Data-Practical Problems based on Costing of Hospital, Hotel and Goods & Passenger Transport	13	December

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Government of Maharashtra's
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Jogeshwarl (East), Mumbai -400 060.

Subject: Business Ethics and Corporate Social Responsibility
Faculty: Pratiksha Gurav

Sr no	Modules	Topic	No of Lectures	Months
1.	Module- I Introduction to Business Ethics	Business Ethics – Concept, Characteristics, Importance and Need for business ethics. Indian Ethos, Ethics and Values, Work Ethos, Sources of Ethics, Concept of Corporate Ethics, code of Ethics-Guidelines for developing code of ethics, Ethics Management Programme, Ethics Committee. Various approaches to Business Ethics - Theories of Ethics-Friedman’s Economic theory, Kant’s Deontological theory, Mill & Bentham’s Utilitarianism theory Gandhian Approach in Management and Trusteeship, Importance and relevance of trusteeship principle in Modern Business, Gandhi’s Doctrine of Satya and Ahimsa, Emergence of new values in Indian Industries after economic reforms of 1991	13	September
2.	Module –II Indian Ethical Practices and Corporate Governance	Ethics in Marketing and Advertising, Human Resources Management, Finance and Accounting, Production, Information Technology, Copyrights and Patents Corporate Governance: Concept, Importance, Evolution of Corporate Governance, Principles of Corporate Governance, Regulatory Framework of Corporate Governance in India, SEBI Guidelines and clause 49, Audit Committee, Role of Independent Directors, Protection of Stakeholders, Changing roles of corporate Boards. Elements Good Corporate Governance, Failure of Corporate Governance and its consequences	12	October
3	Module –III Introduction to Corporate Social Responsibility	Corporate Social Responsibility: Concept, Scope Relevance and Importance of CSR in Contemporary Society. Corporate philanthropy, Models for Implementation of CSR, Drivers of CSR, Prestigious awards for CSR in India. CSR and Indian Corporations-Legal Provisions and Specification on CSR, A Score Card, Future of CSR in India. Role of NGOs and International Agencies in CSR, Integrating CSR into Business	11	November



4	Module -IV Areas of CSR and CSR Policy	<p>CSR towards Stakeholders--Shareholders, Creditors and Financial Institutions, Government, Consumers, Employees and Workers, Local Community and Society. CSR and environmental concerns.</p> <p>Designing CSR Policy-Factors influencing CSR Policy, Role of HR Professionals in CSR</p> <p>Global Recognitions of CSR- ISO- 14000-SA 8000 – AA 1000 – Codes formulated by UN Global Compact – UNDP, Global Reporting Initiative; major codes on CSR. CSR and Sustainable Development</p> <p>CSR through Triple Bottom Line in Business</p>	12	December
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Subject: Strategic Management
Faculty: Rajdeep Kamble

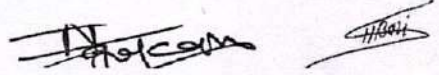
Sr no	Modules	Topic	No of Lectures	Months
1.	Module- I Introduction To Strategic Management	<ul style="list-style-type: none"> • Concept of Strategic Management, Strategic Management Process, Vision, Mission and Goals, Benefits and Risks of Strategic Management. • Levels of Strategies: Corporate, Business and Operational Level Strategy • Functional Strategies: Human Resource Strategy, Marketing Strategy, Financial Strategy, Operational Strategy • Business Environment: Components of Environment- Micro and Macro • Environmental Scanning 	12	September
	Module – II Strategy Formulation, Implementation and Evaluation	<ul style="list-style-type: none"> • Strategic Formulation: Stages and Importance, Formulation of Alternative Strategies: Mergers, Acquisitions, Takeovers, Joint Ventures, Diversification, Turnaround, Divestment and Liquidation. • Strategic Analysis and Choice: Issues and Structures, Corporate Portfolio Analysis- SWOT Analysis, BCG Matrix, GE Nine Cell Matrix, Hofer's Matrix, • ETOP- Environmental Threat and Opportunity Profile, Strategic Choice- Factors and Importance. • Strategic Implementation: Steps, Importance and Problems, Resource Allocation- Importance & Challenges • Strategic Evaluation and Control: Importance, Limitations and Techniques • Budgetary Control : Advantages, Limitations 	12	October
3	Module - III Business, Corporate and Global Strategies	<ul style="list-style-type: none"> • Corporate Restructuring Strategies: Concept, Need and Forms, Corporate Renewal Strategies: Concept, Internal and External factors and Causes. • Strategic Alliance: Concept, Types, Importance, Problems Indian Strategic Alliances and International Businesses • Public Private Participation: Importance, Problems and Governing Strategies of PPP Model. • Information Technology Driven Strategies: Importance, Limitations and Contribution of IT sector in Indian Business 	13	November
4	Module - IV. Emerging Strategic Trends	<ul style="list-style-type: none"> • Business Process Outsourcing and Knowledge Process Outsourcing in India: Concept and Strategies. Reasons for growing BPO and KPO businesses in India. • Reengineering Business Processes- Business Reengineering, Process Reengineering and Operational Reengineering 	13	December



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|--|--|--|--|--|
| | | <ul style="list-style-type: none">• Disaster Management: Concept, Problems and Consequences of Disasters, Strategies for Managing and Preventing disasters and Cope up Strategies,• Start-ups | | |
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Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari (East), Mumbai 400060
Teacher's Teaching plan 2022-23
Course: M.COM PART I SEM II**

**Subject: Corporate Finance
Faculty: Nasir Usmani**

Sr no	Module	Topic	No of Lectures	Months
1.	Module-I Scope and Objective of Financial Management	Introduction, Meaning, Importance, Scope, Objectives, Profit v/s Value Maximization	13	January
2	Module-II. Financial Decisions	Concept, Present Value, Annuity, Techniques of Discounting, Techniques of Compounding, Bond Valuation and YTM	12	February
3	Module-III Time Value of Money	Management Analysis Profitability Ratios: Gross Profit Ratio, Operating Profit Ratio, Return on Capital Employed Efficiency Ratios: Sales to Capital Employed, Sales to Fixed Assets, Profit to Fixed Assets, Stock Turnover Ratio, Debtors Turnover Ratio, Creditors Turnover Ratio Liquidity Ratios: Current Ratio, Quick Ratio Stability Ratio: Capital Gearing Ratio, Interest Coverage Ratio Investor's Analysis Earnings per Share, P/E Ratio, Dividend Yield	14	March
4	Module-IV	Cost of Capital - Introduction, Definition of Cost of Capital, Measurement of Cost of Capital, WACC, Marginal Cost of Capital		April/May

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Subject: E-Commerce
Faculty: Pratiksha Gurav

Sr no	Module	Topic	No of Lectures	Months
1.	Module-I Introduction to Electronic Commerce– Evolution and Models	<p>Evolution of E-Commerce-Introduction, History/Evolution of Electronic Commerce, Roadmap of E-Commerce in India, Main activities, Functions and Scope of E- Commerce. Benefits and Challenges of E-Commerce, E-Commerce BusinessStrategies for Marketing, Sales and Promotions. Business Models of E-Commerce- Characteristics of Business to Business(B2B), Business to Consumers (B2C), Business to Government (B2G)</p> <p>Concepts of oth rmodels of E-commerce.</p> <p>Business to Consumer E-Commerce process, Business to Business E-Commerce- Need and Importance, alternative models of B2B E-Commerce.</p> <p style="text-align: center;">E-Commerce Sales Product Life Cycle(ESLC) Model</p>	12	January
2.	Module-II World Wide Web and E-enterprise	<p>World Wide Web-Reasons for building own website, Benefits of Website, Registering a Domain Name, Role of web site in B2C E-commerce; push and pull approaches; Web site design principles.</p> <p>EDI and paperless trading; Pros & Cons of EDI; Related new technologies use in E- commerce.</p> <p>Applications of E-commerce and E-enterprise - Applications to Customer Relationship Management- Types of E-CRM, Functional Components of E-CRM.</p> <p>Managing the E-enterprise-Introduction, Managing the E-enterprise, Comparison between Conventional and</p> <p style="text-align: center;">E-organisation, Organisation of Business in an E-enterprise, Benefits and Limitations of E- enterprise</p>	13	February
3	Module- III E-marketing and Electronic Payment System	<p>E-Marketing- Scope and Techniques of E-Marketing, Traditional web promotion; Web counters; Web advertisements, Role of Social media.</p> <p>E-Commerce Customer Strategies for Purchasing and support activities, Planning for Electronic Commerce and its initiates, The pros and cons of online shopping, Justify an Internet business.</p> <p>Electronic Payment System-Characteristics of E-payment system, SET Protocol for credit card payment, prepaid e-payment service, post-paid E-payment system, Types of 11payment systems.</p> <p>Operational, credit and legal risks of E-payments ystem, Risk management options</p> <p>For E-payment systems, Set standards/principles for E-payment</p>	12	March

Legal and Regulatory Environment and Security issues of E-commerce

Laws in India and their limitations, Hacking, Web Vandals, E-mail Abuse, Software Piracy and Patents.
Taxation Issues, Protection of Cyber Consumers in India and CPA 1986, Importance of Electronic Records as Evidence.
Security Issues in E-Commerce - Risk management approach to E-commerce Security
-Types and source soft threats, Protecting electronic commerce assets and intellectual property.
Security Tools, Client server network security, Electronic signature, Encryption and
Concepts of public and private key infrastructure

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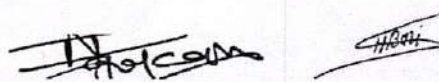
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Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai - 400 060.

Subject - Macro Economics Concepts and Applications
Faculty: Rajdeep Kamble

Sr no	Module	Topic	No of Lectures	Months
1	Aggregate Income and its Dimensions	Aggregate Income and its dimensions : National income aggregates – and measurement :- GNP, GDP, NDP, Real and nominal income concepts, measures of inflation and price indices - GDP deflator, - Nominal and real interest rates PPP income and HDI real income; Inflationary Gap Policy Trade- off between inflation and unemployment- Phillip’s curve – short run and long run	13	January
3	Economic Policy Implications in the IS-LM framework	The IS-LM model: Equilibrium in goods and money market; Monetary and real influences on IS-LM curves, Economic fluctuations and Stabilisation policies in IS-LM framework Transmission mechanism and the crowding out effect; composition of output and policy mix, IS-LM in India	13	February
2	Keynesian concepts of Aggregate Demand(ADF), Aggregate Supply (ASF)	Keynesian concepts of Aggregate Demand(ADF), Aggregate Supply (ASF), Interaction of ADF and ASF and determination of	13	March
4	International Aspects of Macro Economic Policy	International aspects of Macroeconomic policy: Balance of payments disequilibrium of an open economy - corrective policy measures - Expenditure changing policies and expenditure switching policies BOP adjustments through monetary and fiscal policies -The Mundell- Fleming model - Devaluation, revaluation as expenditure switching policies - effectiveness of devaluation and J - curve effect	14	April / May



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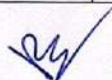



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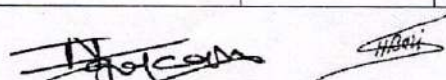
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 Arts, Science & Commerce.
 Jogeshwari (East), Mumbai -400 060.

Subject: Research Methodology for Business
Faculty: Rajdeep Kamble

no	Module	Topic	No of Lectures	Month
1.	Module-I Introductio n to Research	<ul style="list-style-type: none"> • Features and Importance of research in business, Objectives and Types of research- Basic, Applied, Descriptive, Analytical and Empirical Research. • Formulation of research problem, Research Design, Significance of Review of Literature • Hypothesis: Formulation, Sources, Importance and Types • Sampling: Significance, Methods, Factors determining Sample size 	12	January
2.	Module – II Research Process	<ul style="list-style-type: none"> • Stages in Research process • Data Collection: Primary data: Observation, Experimentation, Interview, Schedules, Survey, • Limitations of Primary data • Secondary data: Sources and Limitations, • Factors affecting the choice of method of data collection. • Questionnaire: Types, Steps in Questionnaire Designing, Essentials of a good questionnaire 	13	February
3	Module- III Data Processing and Statistical Analysis	<ul style="list-style-type: none"> • Data Processing: Significance in Research, Stages in Data Processing: Editing, Coding, Classification, Tabulation, Graphic Presentation • Statistical Analysis: Tools and Techniques, Measures of Central Tendency, Measures of Dispersion, Correlation Analysis and Regression Analysis. • Testing of Hypotheses–□ Parametric Test-t test, test, z test □ Non-Parametric Test -Chi square test, ANOVA, Factor Analysis • Interpretation of data significance and Precautions in data interpretation 	12	March
4	Module - IV. Research Reporting and Modern Practices in Research	<ul style="list-style-type: none"> • Research Report Writing: Importance, Essentials, Structure/layout, Types • References and Citation Methods:□ APA(American Psychological Association) CMS (Chicago Manual Style) MLA(Modern Language Association)•Footnotes and Bibliography • Modern Practices: Ethical Norms in Research, Plagiarism, Role of Computers in Research 	13	April



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Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai -400 060.

Subject: Organizational Behaviour
Faculty: Sumaiya Khan

Sr no	Topic	No of Lectures	Months
1	Organisational Setting <ul style="list-style-type: none"> • Introduction to Organisational Behaviour(OB)–Concept, Nature, Foundation, Disciplines and Scope of OB. • Evolution of OB–Evolution–Stages , Human Relations Approach–Hawthorne Experiments, Models of OB. • Organisation Design–Key factors,Steps in Organisation Structure, Organisations for future-Types. 	13	September
2	Foundation of Individual Behaviour Training and Development- <ul style="list-style-type: none"> • Factors affecting Individual behaviour-Personal, Psychological, Organisation System, Environmental. • Personality&Perception– Natureofpersonality,Determinantsofpersonality, Personality Traits., Factors Influencing Perception, Managing perception Process, Perception and OB • Attitude–Nature, components, work related attitudes, Barriers to Attitudinal Change, Measures to Attitudinal change. 	12	October
3	Group Dynamics and Behaviour <ul style="list-style-type: none"> • Group–Types of groups, Stages of Group Development, Group Decision making – Advantages and Problems. • Workplace behaviour–Determinant of Group Behaviour, Power and Politics –Sources of Power, Types of Organisational politics. • Conflict–Levels of Conflict, Strategies for resolving Conflict 	13	November
4	Emerging Challenges <ul style="list-style-type: none"> • Stress Management–Sources, Effects, Strategies, Stress and Performance. • Organisation culture–Cultural Dimensions, Creating Organisational Culture, Maintaining Organisational Culture. • Workforce Diversity–Concept, Managing Diversity effectively, Ethical <p>Behaviour in workplace, Managing Ethics at work place.</p>	13	December

Sumaiya

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**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari (East), Mumbai 400060**

**Teacher's Teaching Plan 2022-23
Course: M.COM PART II SEM III**

**Subject: Advanced Financial Accounting
Name of the Faculty: Nasir Usmani**

SN	Modules/ Units	No of lectures	Months
1	Foreign Currency Conversion (As per Applicable Accounting Standards) Requirements as per Accounting Standards Foreign Branches	12	July/August
2	Final Accounts & Statutory Requirements for Banking Companies Final Accounts of Banking Companies Provisioning of Non-Performing Assets Form & Requirements of Final Accounts	13	August
3	Accounting & Statutory Requirements of Insurance Companies Accounting Provision for Insurance Act and Insurance Regulation and Development Authorities for Life Insurance Business General Insurance Business Forms and Requirements of Final Accounts for Life Insurance Business General Insurance Business	13	September
4	Accounting & Statutory Requirements of Co-operative Societies Accounting Provisions of Maharashtra State Co-operative Societies Act and Rules Forms and Requirements of Final Accounts	13	October/November

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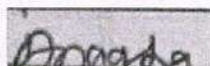
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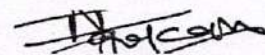
**Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai -400 060.**

Subject: Advanced Auditing
Faculty: Anagha Shingade

SN	Modules/ Units	No of Lectures	No of Months
1	Company Audit	13	July/August
	<p>Introduction to Audit - Audit of Ledgers, General Considerations, Scrutiny of Ledgers of Assets, Personal and Revenue Accounts</p> <p>Company Audit - Audit of Shares, Qualifications and Disqualifications of Auditors, Appointment of auditors, Removal of auditors, Powers and duties of auditors, Branch audit, Joint audit, Special audit, Reporting requirements under the Companies Act, 2013.</p> <p>Concepts of true and fair and materiality and audit risk in the context of audit of companies.</p> <p>Audit reports; qualifications, notes on accounts, distinction between notes and qualifications, detailed observations by the statutory auditor to the management</p> <p>vis-a-vis obligations of reporting to the members</p>		
2	Special Audits	12	August
	Special points in audit of different types of undertakings, i.e., Educational Institutions, Hotels, Clubs and Hospitals.		
3	Audit under other Laws	13	September
	Cost audit, Environmental Audit, Energy Audit., Audit under different statutes, viz; income tax, other direct tax laws and indirect taxes		
4	Auditing in Computerized Environment	13	October/November
	Audit under computerised environment: Computer auditing; specific problems of EDP audit, Need for review of internal control especially procedure controls and facility controls; techniques of audit of EDP output; Use of computers for internal and management audit purposes; test packs, computerised audit programmes; involvement of the auditor at the time of setting up the computer system		


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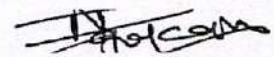
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Subject: Direct Taxation
Faculty: Hasina Panwar

r No.	Topic	Sub-topics	No. Lect.	Number of weeks
	Module- I Definitions and Basis of Charge	<ul style="list-style-type: none"> • Definitions: Person, Assessee, Income • Basis of Charge: Previous Year, Assessment Year, Residential Status, Scope of Total Income, Deemed Income 	4	July
	Module – II Heads of Income	<ul style="list-style-type: none"> • Income from Salary • Income from House Property • Profits and Gains from Business and Profession • Income from Capital Gains • Income from Other Sources 	10	August and September
	Module - III Deductions u/s 80 and Exclusions from the	<ul style="list-style-type: none"> • Deductions: 80C, 80CCF, 80D, 80DD, 80DDB, 80E, 80U • Exclusions: Exemptions related to Specific Heads of • Income to be Covered with Relevant Provisions, • Agricultural Income, Sums Received from HUF by a • Member, Share of Profit from Firm, Income from Minor • Child, Dividend 	6	October
4	Module - IV. Computation of Income and Tax of Individual, Firm and Company (Excluding MAT) and Provisions for Filing Return of Income - Sec 139(1) and Sec 139(5) Total Income	<ul style="list-style-type: none"> • Computation of Income & Tax of Individual and Partnership Firm 	8	November



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**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari (East), Mumbai 400060
Teacher's Teaching plan 2022-23
M.COM PART II SEM IV**

**Subject: Corporate Financial Accounting
Faculty: Nasir Usmani**

SN	Modules/ Units	No of Lectures	Months
1	Corporate Financial Reporting	13	January/February
	Introduction of Financial Reporting Need for reporting Contents of Financial Report Recent trends in Financial reporting		
2	International Financial Reporting Standards (IFRS) & Ind - AS	13	March
	Accounting Standards (AS) – applicability, interpretation, scope and compliance in India Introduction to I.F.R.S Ind – AS Specific Ind AS: Borrowing Costs Operating Segments Earning per share Income Taxes Accounting for fixed assets		
3	Valuation of Business for Amalgamation & Merger	13	April
	Meaning, Need & Approach Methods of valuation		
4	Consolidated Financial Statement	14	May
	Meaning, Stand Alone Financial Statements Consolidated Financial statements – Applicability, Advantages & Disadvantages Procedure of Consolidation of Balance-sheet & Profit & Loss Account (Excluding cross holding, Chain Holding & Foreign Subsidiary)		

Nasir
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Subject: Financial Management
Faculty : Anagha Shingade

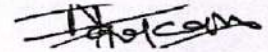
SN	Modules	No. of Lectures	Months
1	Types of Financing	12	January /February
2	<p>Investment Decisions : Capital Budgeting</p> <p>Introduction</p> <p>Nature of Capital Budgeting</p> <p>Purpose of Capital Budgeting</p> <p>Capital Budgeting Process</p> <p>Types of Capital Investment</p> <p>Decisions Project Cash Flows and Net profit Approval</p> <p>Basic Principle of Measuring Project Cash Flows</p> <p>Increment principle, Long Term Funds Principle, Exclusion of Financial Cost Principle, Post Tax Principle</p> <p>Probability technique for measurement of cash flow</p> <p>Capital Budgeting Techniques : Net Return Value; Internal Rate of Return; Profitability Index Methods</p> <p>A Comparison; Project Selection Under Capital Rationing</p> <p>(Note: Problems on computation of cash flow, ranking of projects on various techniques, selection and analysis with / without capital rationing. Comparison of</p> <p>IRR with Required rate of return i.e. cut off rate, IRR and mutually exclusive projects with unequal lives, multiple IRR)</p>	12	February /March
3	<ul style="list-style-type: none"> • Management of Working Capital • Meanings, Concepts and policies of working capital Management of working capital • Issues in working capital • Estimating working capital needs (only Theory) Operating or working capital cycle (only Theory) Management of components of working capital • Management of Cash and Marketable Securities: Motives for Holding Cash; Objectives of Cash Management; Factors Determining Cash Needs; Basic Strategies of Cash Management; Cash Management Techniques / Processes; Marketable Securities; and Cash Management Practices in India. • Receivable Management: Objectives; Credit Policies; Credit Terms; and Collection Policies. 	12	March/April

	<ul style="list-style-type: none"> • Inventory Management: Objectives; and Techniques. 		
4	<ul style="list-style-type: none"> • Introduction • Meaning of Budget • Essentials of a budget, • Types of Budgets • Advantages of Budgeting • Zero Based Budget • (Note: Practical Questions on Sales Budget, Production Budget, Material Budget, Cash Budget and Master Budget) 	12	April/May
5	<ul style="list-style-type: none"> • Financial Policy and Corporate Strategy • Meaning of strategic financial management • Strategic financial decision making framework • Functions of Strategic Financial Management • Financial Planning 	12	May



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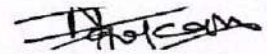
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Subject: Indirect Tax- Introduction of Goods and Service Tax
Faculty: Hasina Panwar

SN	Modules/ Units	No of Lectures	Months
1	Overview of Goods and Service Tax	15	January/February
	Introduction and Meaning of GST and IGST Scope of GST Present/old Tax Structure v/s GST GST in Other Countries Existing taxes proposed to be subsumed under GST Principles adopted for subsuming the taxes GST Network (GSTN) and GST regime Integrated Goods and Services Tax Act, 2017: title and definitions, administration.		
2	Registration Under GST	15	March
	Rules and Procedure of registration Special provisions relating to casual taxable person and non-resident taxable person Amendment of registration Cancellation of registration Revocation of cancellation of registration		
3	Collection of Tax under Integrated Goods and Services Tax Act, 2017	10	April
	Sec 5 and Sec 6		
4	Place of supply of goods or services or both under Integrated Goods and Services Tax Act, 2017	10	May
	Sec 10 and Sec 12 (Online Lectures)		
5	Payment of GST	10	May
	Introduction (Online Lectures) Time of GST Payment How to make payment Challan Generation & CPIN TDS & TCS		



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	<p>Developme nt of Entreprene urship</p>	<ul style="list-style-type: none"> Institutions in aid of Entrepreneurship Development- <p>TheNationalinstituteforEntrepreneurshipandsmallbusines sdevelopment,DistrictIndustryCentre(DIC),NationalAllia nceofyoungEntrepreneurs</p>		
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Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai -400 060.

Subject: Human Resource Management
Faculty: Sapna Jha

Sr no	Topic	No of Lectures	Months
1	<p>Human Resource Management</p> <p>Human Resource Management (HRM). – Concept, Traditional HRM v/s Strategic HRM , Objectives of HRM, Organisation Structure of HRM Department – Changing Role of H.R. Manager.</p> <p>Human Resource Planning-Concept, Factors affecting HRP, Information Management in HRP – HRIS (Human Resource Information System), Job Analysis, Psychological and Behavioural Issues in HRP</p> <p>Recruitment and Selection of managerial personnel- Factors affecting recruitment process, Role of Recruitment agencies, Online process of selection.</p>	13	August
2	<p>Human Resource Development</p> <ul style="list-style-type: none"> • Training and Development-Designing of the effective training programme Evaluation of the effective training programme, Challenges before trainers, Management Development Programme – Techniques. • Performance Appraisal-Process, Guidelines for conducting appraisal Interviews, Ethical aspects in performance appraisal. • Career Advancement and Succession Planning-Self-Development Mechanism and Knowledge enrichment, Managing Promotion and Transfers, Managing dismissal, Succession Planning- Problems and Issues, Culture as a Factor in Succession Planning.. 	12	September
3	<p>Latest Development in H.R.M .and Labour Legislation</p> <ul style="list-style-type: none"> • Industrial Relation Act–Prominent features and recent changes in Trade Union Act 2016, Factories Act 1961, Industrial Disputes Act 1950. • Prominent features and recent changes to Child and Women Labour Act 1986, Social Security Act 2016, Prevention of Sexual harassment Act, 2013. <p>Prominent features and recent changes to Employees Acts like payment of Gratuity Act 2015, Provident Fund Act 1952, Minimum Wages Act 2016 and Payment of Wages Act 1991, Workmen Compensation Act 2014/ESI Scheme.</p>	13	October

4	<p>Emerging Issues In H.R.M</p> <ul style="list-style-type: none"> • Health and Safety–Safety measures and safety programmes, Stress and its Impact on Job Performance, Role of organization in ensuring mental and physical health of employees • Work life balance–Need and Importance, Employee Engagement, Managing Millennials (Gen Y) • Talent Management–Concept, Importance, Process, Talent Management and VUCA Environment (Volatility, Uncertainty, Complexity, Ambiguity), H.R. Practices at Global level 	13	November
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H/Alai

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 Government of Maharashtra's
 Ismail Yusuf College of
 Arts, Science & Commerce.
 Jogeshwari (East), Mumbai -400 060.

Subject: Organizational Behaviour
Faculty : Sumaiya Khan

Sr no	Topic	No of Lectures	Months
1	Organisational Setting <ul style="list-style-type: none"> • Introduction to Organisational Behaviour (OB)–Concept, Nature, Foundation, Disciplines and Scope of OB. • Evolution of OB–Evolution–Stages , Human Relations Approach–Hawthorne Experiments, Models of OB. • Organisation Design–Key factors,Steps in Organisation Structure, Organisations for future-Types. 	13	August
2	Foundation of Individual Behaviour Training and Development- <ul style="list-style-type: none"> • Factors affecting Individual behaviour-Personal, Psychological, Organisation System, Environmental. • Personality&Perception– Natureofpersonality,Determinantsofpersonality, Personality Traits., Factors Influencing Perception, Managing perception Process, Perception and OB • Attitude–Nature, components, work related attitudes, Barriers to Attitudinal Change, Measures to Attitudinal change. 	12	September
3	Group Dynamics and Behaviour <ul style="list-style-type: none"> • Group–Types of groups, Stages of Group Development, Group Decision making – Advantages and Problems. • Workplace behaviour–Determinant sof Group Behaviour, Power and Politics –Sources of Power, Types of Organisational politics. • Conflict–Levels of Conflict, Strategies for resolving Conflict 	13	October
4	Emerging Challenges <ul style="list-style-type: none"> • Stress Management–Sources, Effects, Strategies, Stress and Performance. • Organisation culture–Cultural Dimensions, Creating Organisational Culture, Maintaining Organisational Culture. • Workforce Diversity–Concept, Managing Diversity effectively, Ethical <p>Behaviour in workplace, Managing Ethics at work place.</p>	13	November

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Jogeshwari (East), Mumbai -400 060.

**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari(East),Mumbai 400060
Teacher's teaching plan 2022-23
Course: M.COM PART II SEM III
Subject: Entrepreneurial Management
Faculty : Meghana Bakraniya**

Sr No.	Topic	Sub-topics	No. Lect.	Month
1.	Module- I Entrepreneurship Development Perspective	<ul style="list-style-type: none"> • Entrepreneurship–Concept, Factors affecting growth of Entrepreneurship, Types of Entrepreneurs, Requirements of Entrepreneurial structure. • Entrepreneurial Culture -Elements of culture, Steps to change Entrepreneurial culture, Entrepreneurial v/s Administrative culture. • Theories of Entrepreneurship- Schumpeter Dynamic Entrepreneurship Innovation Theory, Theory of High Achievement by McClelland, Theory of Personnel Resourcefulness 	13	September
2.	Module –II Creating Entrepreneurial Venture	<ul style="list-style-type: none"> • Entrepreneurial Environment- Significance, SWOC Analysis, Problems of Entrepreneurship • Financial Analysis of Entrepreneurial Venture- Significance, Tools of Financial Analysis, Sources of development finance • Social Entrepreneurship- Features, Importance, Arguments (for and against) Social Entrepreneurship, Women Entrepreneurs – concept and special Government schemes for women entrepreneurs in India. 	12	October
3	Module -III Project Management	<ul style="list-style-type: none"> • Project-Concepts and Classification of Project, Search of Business Idea, Project Cycle. • Project formulation-----Steps for project formulation, Project Design and network analysis –concept and network analysis techniques: PERT/ CPM. • Project Management–Concept, Phases Project Identification and Project Feasibility Analysis. 	13	November
4	Module -IV. Assistance and Incentives for Promotion and Development of	<ul style="list-style-type: none"> • Incentives–Need, Promotion and development Entrepreneurship- Types of Assistance and incentives- Fiscal, Financial, Promotional, Marketing and Organisational. • NPSD - National Policy for Skill Development and Entrepreneurship 2015. 	3 2 3	December

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- Institutions in aid of Entrepreneurship Development-

TheNationalinstituteforEntrepreneurshipandsmallbusines
sdevelopment,DistrictIndustryCentre(DIC),NationalAllia
nceofyoungEntrepreneurs

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Subject: Human Resource Management
Faculty: Anagha Shingade

Sr no	Topic	No of Lectures	Months
1	<p>Human Resource Management</p> <p>Human Resource Management (HRM). – Concept, Traditional HRM v/s Strategic HRM , Objectives of HRM, Organisation Structure of HRM Department – Changing Role of H.R. Manager.</p> <p>Human Resource Planning-Concept, Factors affecting HRP, Information Management in HRP – HRIS (Human Resource Information System), Job Analysis, Psychological and Behavioural Issues in HRP</p> <p>Recruitment and Selection of managerial personnel- Factors affecting recruitment process, Role of Recruitment agencies, Online process of selection.</p>	13	September
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3	<p>Latest Development in H.R.M .and Labour Legislation</p> <ul style="list-style-type: none"> • Industrial Relation Act–Prominent features and recent changes in Trade Union Act 2016, Factories Act 1961, Industrial Disputes Act 1950. • Prominent features and recent changes to Child and Women Labour Act 1986, Social Security Act 2016, Prevention of Sexual harassment Act, 2013. <p>Prominent features and recent changes to Employees Acts like payment of Gratuity Act 2015, Provident Fund Act 1952, Minimum Wages Act 2016 and Payment of Wages Act 1991, Workmen Compensation Act 2014/ESI Scheme.</p>	13	November

4	<p>Emerging Issues In H.R.M</p> <ul style="list-style-type: none"> • Health and Safety–Safety measures and safety programmes, Stress and its Impact on Job Performance, Role of organization in ensuring mental and physical health of employees • Work life balance–Need and Importance, Employee Engagement, Managing Millennials (Gen Y) • Talent Management–Concept, Importance, Process, Talent Management and VUCA Environment (Volatility, Uncertainty, Complexity, Ambiguity), H.R. Practices at Global level 	13	December
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H. G. Gai

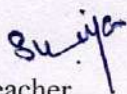
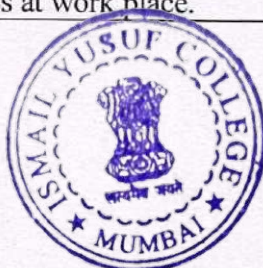
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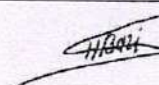
Subject: Organizational Behaviour
Faculty: Sumaiya Khan

Sr no	Topic	No of Lectures	Months
1	Organisational Setting <ul style="list-style-type: none"> • Introduction to Organisational Behaviour(OB)–Concept, Nature, Foundation, Disciplines and Scope of OB. • Evolution of OB–Evolution–Stages , Human Relations Approach–Hawthorne Experiments, Models of OB. • Organisation Design–Key factors,Steps in Organisation Structure, Organisations for future-Types. 	13	September
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**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce,
Jogeshwari(East), Mumbai 400060
Teacher's Course plan 2022-23
Course: M.COM PART II (Management)
SEM - IV**

**Subject: Retail Management
Faculty: Anagha Shingade**

SN	Modules/ Units	No of Lectures	Months
1	Introduction to Retail Management	13	January/February
	<ul style="list-style-type: none"> ● Retailing: Concept, Scope and Importance of Retailing and Retail Management, Retail Formats, Theories of Retail change, Retail Environment- Economic, Legal, Technological & Competitive ● Retail sector in India: Size, and Drives of Retail changes, FDI in Retailing in Indian Context ● Recent Trends in Retailing: Modern Retail Formats, Mall System, Challenges Faced by the Retail Sector, Ethics in Retailing. 		
2	Retail Management Strategy	13	February
	<ul style="list-style-type: none"> ● Retail Strategies: Promotional Strategies, Retail Planning Process, Retail - Market Segmentation - Concept and Significance ● Relationship Marketing Strategies: CRM in Retailing, Retail Value Chain, Retail life Cycle, HRM in retailing- Growing importance of HR and Challenges faced by HR in retailing ● Consumer Strategies: Consumer Behaviour in Retail Context, Buying Decision Process, Customer Service as a Part of Retail Strategy. 		
3	Retail Location, Layout and Merchandising	13	March
	<ul style="list-style-type: none"> ● Retail Location & Merchandising: Importance, Types, Steps involved in choosing a Retail Location. ● Merchandising: Concept and Merchandising Planning Process, Retail Branding, Merchandising Buying, Visual Merchandising ● Store Design and Layout: Store Design - Elements, Store Layout - Importance, Steps for Designing 		
4	Use of Technology and Career options	12	April/ May



Electronic Data Interchange (EDI), Radio Frequency Identification (RFI), Data Base Management system

- **E-Retailing:** Formats, Challenges, Green Retailing - Concept and Importance
- **Retail as a Career:** Various Career Options, Responsibilities of Store Manager, Functions of Merchandising Manager

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Government of Maharashtra's
Ismail Yusuf College of
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Jogeshwari (East), Mumbai - 400 060.

Subject: Management of Business Relations
Faculty: Meghana Bakraniya

SN	Modules/ Units	No of Lectures	Months
1	Introduction to Management of Business Relations	13	January
	<ul style="list-style-type: none"> ● Business Relations - Need , Importance of Business relations, Business Relationship Management (BRM) Competencies. ● Business Relation Manager- Role, qualities, Skills. ● Business Relations- Principles, Steps , Trends, Impact of Communication on Business Relations. 		
2	Customer and Channel Relationship Management	13	February
	<ul style="list-style-type: none"> ● Customer Relations Management: Concept, Characteristics of an empowered customer, Approaches & Types, Role of Customer Relations Manager. ● Designing and developing customer Value- Turning customers to loyal clients, Strategic Framework for CRM, E-CRM: Concept and Benefits, Steps, Successful CRM implementation. ● Channel Relationship - Concept, importance , Challenges, Elements contributing to effective channel relationships. 		
3	Employee Relationship Management	12	March
	<ul style="list-style-type: none"> ● Employee Relationship Management - Concept, Objectives of Employee Relations , Approaches to Employee Relations, ● Role of Employee Relations Manager, Prospects & Importance of Industrial Relations, Problems & Challenges of Employee Relations, Key Drivers for shifting from Industrial Relations to Employee Relations, ● Strategic Framework for ERM, Factors influencing ERM, Essentials of an effective ERM, ERM strategy. 		
4	Supplier, Investors and Community Relationship Management	13	April/May



<ul style="list-style-type: none"> ● Supplier Relations – Concept, Supplier Segmentation Pyramid, Supplier Improvement Process for better relations, Challenges. ● Investors Relations –Concept, Focus, Keys to successful investors relations, Enhancing shareholders loyalty and retention. ● Stakeholder relations- Types of stakeholders, Role of business in social development, strategies to improve community relations, impact of community relations on business. 		
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Meghana

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H. Bai

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Subject: Advertising and sales Management
Faculty: Sumaiya Khan

SN	Modules/ Units	No of Lectures	Months
1	Advertising Fundamentals and Media	14	January/February
	<ul style="list-style-type: none"> ▪ Basics of Advertising : Concept and Features, Significance, Classification of Advertising, Integrated Marketing Communication (IMC) - Elements, Behavioural Model (E.K. Strong AIDA), DAGMAR Model (Russell Colley), Heirarchy of Effects (Lavidge and Steiners) ▪ Ad Agency : Various Functional Department, Types, Measures for gaining and reasons for loosing clients, Evaluation Criteria for Selecting an Advertising Agency, ▪ Media : New Media Options, Forms of Digital Media, Media Objectives, Criteria for Selecting Suitable Media, Methods of Setting Advertising Budget 		
2	Creativity, Social and Regulatory Framework of Advertising	13	February
	<ul style="list-style-type: none"> ▪ Creativity & Research: Developing advertising copy - print, broadcast and digital media, Pre-test and post-test methods. ▪ Society: Socio-economic contribution and criticisms of advertising, professional courses and careers in the field of advertising ▪ Regulatory framework of advertising: Legal Framework of Advertising, Role of Information and Broadcasting Ministry (IBM), Self-Regulatory Bodies – Advertising Standards Council of India(ASCI) and Indian Broadcasting Foundation(IBF) 		
3	Sales Management	14	March
	<ul style="list-style-type: none"> ▪ Introduction : Sales Management - Features, Functions and Importance, Art of Selling – Types, Process, Qualities of an Effective Salesman. ▪ Sales force management : Selection Procedure, Training Methods, Motivational Factors and Compensation methods of sales personnel ▪ Sales organistion: Concept, Objectives, Structure and Steps in Developing a Sales Organisation 		
4	Sales Planning and Controlling	13	April/May

<ul style="list-style-type: none"> ▪ Sales planning : Concept, Process, Sales Forecasting - Methods and Limitations ▪ ▪ Sales controlling : Concept of Sales Budget and Sales Audit, Sales Quota - Methods and Types, Objectives and Factors Determining and Designing Sales Territory ▪ ▪ Recent trends - Importance of Customer Feedback, Sales Management - Data Mining, Role of IT 		
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Signature

Sign of Teacher

Signature

Sign of Co-ordinator



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FYBA English Literature (Semester -I) 2022-2023

Month	No.of lectures	Topic to be covered	Key points of the topic
June	8	Unit 1: Terms: Development of Short Story, Elements of Short Story: Plot, Character, Setting, Narrative, Development of Essay, Features of Prose writing, Types of Prose, Autobiography	Introduction of short stories, plot, characters, narrative, setting, theme, point of view. Plot, exposition, rising action, climax, falling action, resolution. types of character, functions of character, types of setting, function of setting, difference between biography and autobiography.
July	8	Unit 2: Short Stories •O' Henry : "The Cop and the Anthem" • Ray Bradbury : "A Sound of Thunder" • Rabindranath Tagore : "The Kabuliwala"	Author's Background, Elements of short stories, Summary, Themes, Characters analyst.
August	8	Unit 2: Short Stories. • Bernard Malamud : "The Jewbird" • Baburao Bagul : "Mother" • Ken Liu : "The Paper Menagerie"	Author's Background, Elements of short stories, Summary, Themes, Characters analyst.
September	8	Unit 3: Essays • Sir Francis Bacon : "Of Marriage and Single Life" and "Of Revenge" • Charles Lamb : "The Two Races Of Men " • Ralph Waldo Emerson : "Self – Reliance"	Definition, author's Background, about the essay, themes, etc.
October	8	Unit 3: Essays • W.E.B. Du Bois : "Strivings of the Negro People"	Definition, author's Background, about the essay, themes, etc.




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		<ul style="list-style-type: none"> • Shobha De : From "Speedpost": "Dear Arundhati" Aug'99 and "Dear Aditya" June'99 • Subroto Bagchi : From Go kiss the world: "Learning to Listen" (p. 145-150) and "Who Is a Good Leader?" (p. 150-155) 	
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FYBA English Literature (Semester -II) 2022-2023

Month	No.of lectures	Topic to be covered	Key points of the topic
December	8	Unit 1: Terms. Novella, Aspects of Novel, Children's Fiction, Adventure Novel.	Background, types of novels.
January	8	Unit 1: Terms. Mystery novel, Science Fiction, Social Novel, Philosophical Novel, Historical Novel	Background, types of novels.
February	8	Unit 2: Novella • John Steinbeck: The Pearl	Difference between novel and novella, author's Background, characters analysts, Themes, tragedy.
March	8	Unit:3 Novel • R.K. Narayan: The Financial Expert	Author's Background, characters analysts, Themes, title justification, feminine.




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Communication Skills (Semester -I) 2022 - 2023

Month	No.of lectures	Topic to be covered	Key points of the topic
June	8	Unit 1: Introduction to Communication Skills	1. English as an international language and varieties of English 2. Significance and ways of effective communication in English 3. Listening for academic and professional development 4. Formal and informal communication in spoken English 5. Reading for different purposes 6. Features of effective writing skills 7. Study skills in English
July	8	Unit 2: Developing Comprehension Skills in English	A. Reading Skills B. Listening Skills
August	8	Unit 3: Speaking Skills in English	A. Public Speaking in English B. Conversation in English C. Speaking at an Event
September	8	Unit 4: Formal Writing Skills	A. Letters: 1. Job applications with bio data (solicited and unsolicited) 2. RTI applications 3. Applications for duplicate documents (I-cards / mark sheet, etc.)
October	8	Unit 4: Formal Writing Skills	B. Emails: 1. Job acceptance and joining 2. Resignation



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			3. Complaints 4. Requests for references 5. Request for sponsorship
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Communication Skills (Semester -II) 2022 - 2023

Month	No.of lectures	Topic to be covered	Key points of the topic
December	8	Unit 1: English Usage in Communication	1. Distinction between American English and British English 2. Indianism and Indian English 3. Appropriacy in the Use of English 4. Non-verbal Communication 5. Elevator Pitch 6. Information and Communication Technology and Use of English 7. Modes and Types of Interview 8. Principles of Creative Writing This unit shall work as theoretical base for the following u
January	8	Unit 2: Enhancing Reading Competencies	Augmenting active vocabulary 2. Understanding relations between parts of a text 3. Transferring information (Verbal to Non-Verbal) 4. Understanding concepts and arguments, 5. Developing skills in analysis and interpretation 6. Rewriting a passage from a defined perspective 7. Reading critically



February	8	Unit 3: Advanced Oral Communication Skills	A. Presentation skills B. Group Discussion C. Interview Skills
March	8	Unit 4: Advanced Writing Skills	A. Report Writing B. Creative Writing:





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Business Communication 2022 - 2023

Month	No. of Lectures	Topic to be covered	Key points of the topic
July	09	Theory of Communication	Models of Communication, Communication at workplace, Business Ethics, Listening
August	09	Business Correspondence	Theory of Business letter, Personnel Correspondence
September	09	Language and Writing Skills	Commercial Terms used in Business Communication
October	09	Paragraph Writing	Develop an idea, Cohesion and Coherence etc.
December	09	Group Communication	Group Discussion, Meetings, Conference, Public Relation
January	09	Business Correspondence	Trade Letters: letters of inquiry, Letters of Complaints, Letters of Adjustment
February	09	Language and Writing Skills	Reports and Business Proposals: parts, Types, Report
March	09	Summarisation	Identification of main and Supporting / Sub points




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SYBA Advertising (Semester -I) 2022-2023

Month	No.of lectures	Topic to be covered	Key points of the topic
June	8	Unit- I Introduction to Advertising	a) Advertising b) Classification of Advertising
July	8	Unit- II Advertising and Media for Marketing and Communication	a) Introduction to Integrated Marketing Communication. b) Advertising and Brand Management
August	8	Unit- III The impact of Media in Advertising	a) Factors influencing Media selection and Media Planning Strategies. b) Media options for advertising c) Concepts
September	8	Unit- IV Economic & Social Aspects of Advertising	a) Economic aspects of Advertising b) Social aspects of advertising c) Regulation and control on advertising in India
October	8	Unit- V : Advertising Agency and Advertising as a Career	a) Advertising Agency b) Career options available in advertising field

SYBA Advertising (Semester -II) 2022-2023

Month	No.of lectures	Topic to be covered	Key points of the topic
December	8	Unit- I: Creativity and Psychology in Advertising	a) Role of Creativity in Advertising b) Psychology in Advertising
January	8	Unit-II: Copywriting Unit-III: Creativity in Advertising	a) Copy b) Elements of copy a) Illustrations b) Visualisation c) Digital Advertising

February	8	Unit-IV Advertising Research	<ul style="list-style-type: none"> a) Evaluating advertising effectiveness b) The impact of Ideology on Advertisements c) Pre-testing and Post-testing methods of evaluation.
March	8	Unit- V: Advertising Budget	<ul style="list-style-type: none"> a) Meaning of Advertising Budget b) Methods of Framing the Advertising Budget. c) Approaches to Advertising Budget.




Introduction to Poetry 2022 - 2023

Month	No. of Lectures	Topic to be covered	Key points of the topic
June	09	Unit I: A: Elements of Poetry B: Types of Verse	Turns of Speech, Voice and Persona, tone, mood, Diction, Denotation and connotation, Imagery, Symbol, Allegory, Music,
July			Rhyme and Rhythm, Scansion, Nature, Characteristic and Functions: Epic, Lyric, Sonnet, Elegy, Ode, Ballad, Monologue and Free verse
August	09	Unit II: John Milton Invocation, Robert frost, The Road Not Taken, Edmund Spenser, Men Call Fayre, William Shakespeare, Sonnet 19, Walt Whitman, O Captain my Captain,	Background of author, Summary, Themes, Figure of speech
September	09	Ralph waldo, Ode to Beauty, W.B .Yeats, The Song of Wandering Aengus Unit III: John Keats La Belle, Tennyson, Ulysses, Tagore Freedom,	Background of the Author, Themes & Characteristic
October	09	Naidu, Indian Weavers, Soyinka, To My First White Hairs, Pablo Neruda, You Start Dying Slowly, Ezekiel, Enterprise.	Background of the Author, Themes & Characteristics .



December	09	Unit I: Trends and Movements in poetry: Modernism and After.	Modernism War poetry, Harlem Renaissance, Imagism, Symbolism, surrealism, Confessional Poetry, Beat poetry, Modernism
January	09	Unit II: T.S. Eliot, The Love Song, Wifred Owen, Anthem for Doomed Youth, Claude, If we must die, Stevens, Sunday Morning,	Background of the Author, Themes & Characteristics
February	09	Unit III: philip Larkin, Church Going , Robret Creeley, I know a Men, Kandasamy, Touch, Okara, The Mystic Drum,	Background of the Author, Themes & Characteristics
March	09	Chinua Achebe, Refugee mother and Child, Margaret Atwood : 'This is a Photograph of Me' Derek Walcott : 'A Far Cry from Africa'	Background of the Author, Themes & Characteristics




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Introduction to Drama 2022 - 2023

Month	No. of Lectures	Topic to be covered	Key points of the topic
June	09	Unit I: Terms, Definition of Drama, Origin and	Plot, Peripeteia and Anagnorisis,
July		Development of Drama	Exposition, Complication, Resolution
August	09	Act and Scene, Soliloquy And Aside	Music, Chorus Lights, Masks
September	09	Unit II: Sophocles: Oedipus Rex	Background of the Author, Themes & Characteristic
October	09	Unit III: Mohan Rakesh: Halfway-house	Background of the Author, Themes & Characteristics .
December	09	Unit I: Types of Drama, Heroic Drama, Poetic Drama, Epic Theatre,	Interlude, Mystery Play, Miracle Plays, Morality Play, Romantic Play, Revenge Play
January	09	Theatre of Cruelty, Absurd Play	Comedy of Humors History Play
February	09	Unit II: The Hairy Ape	Background of the Author, Themes & Characteristics
March	09	Unit III: Wole Soyinka: The Lion And The Jewel	Background of the Author, Themes & Characteristics



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16th to 18th Century English Literature 2022 - 2023

Month	No. of Lecture	Topic to be Covered	Key point of the topic
June	08	Unit I Unit 1: Important Concepts, The Elizabethan Age Renaissance, Humanism and Reformation..	Background of the Author, Themes & Characteristics
July	08	Elizabethan Poetry Sonnets, Epic and Pastoral Elizabethan Drama University Wits	
August	08	Unit II William Shakespeare: Hamlet	Background of the Author, Themes & Characteristics
September	08	Unit III: Selected Verse from the Elizabethan and Jacobean periods. 20 Lectures Elizabethan Period: a. Sir Philip Sidney from Astrophil and Stella sonnet sequence. Sonnet 37 "My mouth doth water and my breast doth swell". 39	Background of the Author, Themes & Characteristics
October	08	Edmund Spenser: from The Shepheardes Calender "April Eclogue". "November Eclogue"	
December	08	Unit I Neoclassical Period Neoclassical/Augustan Age of Satire Rise of the Periodical Essay and the Novel	Background of the Author, Themes & Characteristics
January	08	Unit II John Dryden: All for Love	Background of the Author, Themes & Characteristics
February	08	Unit III Alexander Pope: The Rape of the Lock- Canto II Lines 1-54, No twith more Glories, in th' Etherial Plain,	Background of the Author, Themes & Characteristics
March	08	John Dryden: "The Fire of London"	



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Teaching Plan for Literary Criticism 2022-23

Month	No. of Lectures	Topic to be covered	Key points of the topic
June	09	Critical terms	Introduction to critical terms, Simile, Metaphor, Myth
July	09	Nature and function of Literary Criticism	Limitation as imitation
August	09	Nature and function of Literary Criticism	Survey and role of a critic
September	09	Practical Criticism	Scanslon
October	09	Revision and Exam Preparation	Practice

Month	No. of Lectures	Topic to be covered	Key points of the topic
December	18	Literary Movements	Classicism, Romanticism, Realism
January	09	Critical Approaches	Introduction to critical approaches
February	09	Critical Approaches	Marxist Criticism, Feminist criticism
March	09	Practical Criticism	Introduction, Practice sessions, continued practice and assessment



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Teaching Plan for Semester V and VI (Translation Studies) 2022 - 2023

Month	No. of Lectures	Titles of Topics to be covered	Key points of the topic
June	09	Introduction to translation	Importance of translation, Guidance on Research Projects
July	09	Translation fundamentals	Source and Target language texts
August	09	Creative Approaches in Translation	Creative and Free translation
September	09	Indian Theories of Translation	Bhartrhari's Sphota
October	09	Translated Non fictional texts	Annihilation of Caste, Literary Conference Speech

Month	No. of Lectures	Titles of topics to be covered	Key points of the topic
December	18	Formal and Equivalent Dynamics, Intralingual translation, Qualities and strategies of a translator	Concepts of formal and equivalent dynamics, Practical examples, Essential qualities of a translator
January	09	Translation of drama	Techniques of translating dramatic works, Addressing the nuances of dramatic language
February	09	Translated texts	Premchand's gullidanda, cultural and contextual aspects
March	09	Project Work and Revision	Guidance on the final translation project, key concepts, Final review and preparation for final exam




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19th Century English Literature 2022 - 2023

Month	No. of Lecture	Topic to be Covered	Key point of the topic
June	08	Unit 1 Romanticism as a reaction to Neo-classicism Influence of Rousseau and French Revolution	Background of the Author, Themes & Characteristics
July	08	Rise of women writers in the period, Survey of Literature: Novel, Poetry and Prose	
August	08	UNIT II: William Blake : 'The Divine Image' from Songs of Innocence The Human Abstract' from Songs of Experience	Background of the Author, Themes & Characteristics
September	08	Lord Byron : 'Darkness' P.B. Shelley : 'Ozymandias' John Keats : 'On First Looking into Chapman's Homer	
October	08	UNIT III: Novel: Jane Austen: Emma	Background of the Author, Themes & Characteristic
Dcember	08	Unit 1 Effects of Industrial Revolution Middle class complacency and the rise of the working class Age of Science, Age of Faith and Doubt	Background of the Author, Themes & Characteristic
January	08	Unit II Robert Brownin Porphyria's Lover, Fra Lippo Lippi Matthew Arnold : 'The Forsaken Merman	Background of the Author, Themes & Characteristic
February	08	Dante Gabrielle Rosetti : 'The Cloud Confines' Thomas Hardy : 'Channel Firing	
March	08	Unit III Novel: Charles Dickens: David Copperfield	Background of the Author, Themes & Characteristics




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20th Century British Literature 2022 - 2023

Month	No. of Lecture	Topic to be Covered	Key point of the topic
June	08	UNIT 1 Modernism Imagism Symbolism War Poetry Movement Poets Poetic Drama	Background of the Author, Themes & Characteristics
July	08	Rise of women writers in the period, Survey of Literature: Novel, Poetry and Prose	
August	08	UNIT II: JOHN OSBORNE: Look Back in Anger (1956)	Background of the Author, Themes & Characteristics
September	08	UNIT III:T.S. ELIOT: The Hippopotamus, 'Portrait of a Lady	Background of the Author, Themes & Characteristic
October	08	W. B. YEATS:'The Second Coming''A Prayer for My Daughter	
Dcember	08	UNIT I Feminism in Modern Literature 2. Psychological Novel 3. The rise of Science Fiction 4. Post World War II Novel	Background of the Author, Themes & Characteristic
January	08	UnitII GEORGE ORWELL: 1984 (1949)	Background of the Author, Themes & Characteristic
February	08	Unit III JAMES JOYCE: Eveline 2) ROALD DAHL: Lamb to the Slaughter	Background of the Author, Themes & Characteristic
March	08	GRAHAM GREENE: The Invisible Japanese Gentleman 4) ANGELA CARTER: The Courtship of Mr. Lyon	






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Drama and Theatre 2022 - 2023

Month	No. of Lecture	Topic to be Covered	Key point of the topic
June	08	UNIT 1 i) Sanskrit Theatre ii) Greek Tragedy iii) Senecan Tragedy	Background of the Author, Themes & Characteristics
July	08	Indian English Drama in Translation v) Structure of Elizabethan Theatre vi) Poetic Drama	
August	08	UNIT II: Tendulkar Vijay: The Vultures	Background of the Author, Themes & Characteristics
September	08	Tendulkar Vijay: The Vultures Unit III Eliot T.S.: The Cocktail Party	Background of the Author, Themes & Characteristic
October	08	Eliot T.S.: The Cocktail Party	Background of the Author, Themes & Characteristic
December	08	UNIT I i) Problem Play ii) Expressionism iii) Theatre of the Absurd	Background of the Author, Themes & Characteristic
January	08	Angry Young Men Theatre v) Make-up and Costume vi) One Act Play	Background of the Author, Themes & Characteristic
February	08	Unit II Ibsen Henrik: An Enemy of the People	Background of the Author, Themes & Characteristic
March	08	Unit III Chekhov Anton: The Proposal	Background of the Author, Themes & Characteristic




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Academic year 2022 - 23
Class- SYBSC
Subject - Foundation course (Sem IV)
Name of the Lecturer- Nilam Rana

Date	Teaching Point/ Activity	No of Lectures	Remarks
	Unit- I Significant Contemporary Rights of Citizens	12 lectures	
14/11/2022	Right of Consumer <ul style="list-style-type: none"> ● What does mean by rights and discussed about who are consumer. ● Discuss in detail of rights of consumer and gave information that how to buy or which product should buy by consumer. ● Give awareness to student that how to buy product and which product should be awarded is and is every detail mention in product or not. 	3 lectures Lecture 1	
17/11/2022	<ul style="list-style-type: none"> ● Discuss about what are the violation of consumer right and also discuss about the provision of consumer protection act 1986. ● Discussed about consumer protection act 2019. ● Provide the information about what other important laws to protect consumer. 	Lecture 2	
18/11/2022	<ul style="list-style-type: none"> ● Discussion on various act of consumer related <ul style="list-style-type: none"> ○ 1) Indian contract Act 1872 ○ 2) sales of goods Act 1930 ○ 3) essential commodities act 1985 ○ 4) The prevention of food adulteration Act 1955 	Lecture 3	



21/11/2022	Right to information <ul style="list-style-type: none"> ● Discuss about the right to information. ● Detailed discussion about RTI act of 2005 and its types. ● Give an information of various government scheme and various movement was done for consumer right. 	3 lectures Lecture 1	
22/11/2022	<ul style="list-style-type: none"> ● Discuss about the right to information and relationship with transparency and accountability. ● Discuss about what are the objectives of RTI act 2005 ● Discuss about the provision of RTI act 2005 and its section. 	Lecture 2	
25/11/2022	<ul style="list-style-type: none"> ● Discuss about various success stories of RTI act 2005. ● Also shows awareness that how RTI act 2005 is importan. 	Lecture 3	
28/11/2022	Protection of citizen / public interest <ul style="list-style-type: none"> ● What does mean by public interest litigation. ● PIL play important role for consumer. 	3 Lectures Lecture 1	
29/11/2022	<ul style="list-style-type: none"> ● Why there is a need for public interest litigation? ● What are the procedure to file public interest litigation? 	Lecture 2	
01/12/2022	<ul style="list-style-type: none"> ● Discuss about some landmark cases of public interest litigation 	Lecture 3	
05/12/2022	Citizen, charter, public service guarantee act. <ul style="list-style-type: none"> ● What does mean by citizen charter ● Gave information about citizen charter document and where citizen charter act was implemented first. 	3 Lectures Lecture 1	
06/12/2022	<ul style="list-style-type: none"> ● Discuss about how does citizen charter work in India and what are the elements of charter. ● discuss about problem face while implementing the charter in India and also discuss about citizen charter of Indian railway. 	Lecture 2	



08/12/2022	<ul style="list-style-type: none"> ● Provided information on public service guarantee act and also discuss about main features of it. ● Discussion on Maharashtra guarantee a public services act 2015 and also discuss its features and drawbacks. 	Lecture 3	
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Date	Teaching Point/ Activity	No of Lectures	Remarks
	Unit -II Approaches to understanding ecology	11 lectures	
09/12/2022	Understanding approaches to ecology <ul style="list-style-type: none"> ● What does mean by ecology and what are the scope of ecology and discuss about various types of ecology. ● What does by what does mean by anthropocentrism and why and anthropocentrism is important for environment and also discuss argument in favour of anthropocentrism. 	3 Lectures Lecture 1	
12/12/2022	<ul style="list-style-type: none"> ● Discuss about what does mean by biocentrism? ● Provided information that why biocentrism is important for each individual living being 	Lecture 2	
13/12/2022	<ul style="list-style-type: none"> ● Discuss about ecocentrism and origin of ecocentrism and also the gave justification for ecocentrism. ● Discuss about eco feminism the moment which take place in society and also has link philosophy and also gave argument in favour of eco feminism. ● What does mean by dick technology discuss about principle of deepecology and also discuss the movement of the deep ecology 	Lecture 3	
	Environment principle- 1	4 Lectures	



15/12/2023	<ul style="list-style-type: none"> • What does mean by sustainability ? • Discuss about what are the services provided by sustainability. • Discussion on the principle of sustainability. 	Lecture 1	
16/12/2022	<ul style="list-style-type: none"> • Discussion on sustainable sustainability in 1960s and 1970s • Discuss about sustainability in 1980 and 1990 • Discuss some points on Rio declaration 1992 and types of principle of Rio declaration 	Lecture 2	
19/12/2022	<ul style="list-style-type: none"> • Discuss about sustainability in 2000 and also discuss the Paris agreement 2015. • Provide lecture on what the sustainable development goals in year 2015 to 2030 	Lecture 3	
20/12/2022	<ul style="list-style-type: none"> • Discuss about polluter pays principle and also objective of polluted principle and what are the responsibility of extended producers. • Discuss about precautionary principle and nature of its. 	Lecture 4	
	Environment principle- 2	4 Lectures	
22/12/2022	<ul style="list-style-type: none"> • What does mean by equity and equity principle? • Discuss about intragenerational and intergenerational equity. 	Lecture 1	
02/01/2023	<ul style="list-style-type: none"> • Provide information on impact of measure to protect the environment. • Discuss about international agreement and its article. 	Lecture 2	
16/01/2023	<ul style="list-style-type: none"> • What does mean by rights? • Give an importance about what is human rights and how its plays a very crucial role in human life and society. • Discussion on that how human right is related to environment 	Lecture 3	
19/01/2023	<ul style="list-style-type: none"> • Discuss about human right agreement and environment protection and various principle, articles and rights on it. • Discussion made on participation principle and public participation and its benefits 	Lecture 4	





Date	Teaching Point/ Activity	No of Lectures	Remarks
	Unit - III Science and Technology - II	11 lectures	
20/01/2023	Part A - some significant modern technology features and application. <ul style="list-style-type: none"> ● What does mean by technology and what is laser technology? ● discuss the types of operating principle of laser technology. ● Provided information on uses and application of laser technology. 	7 lectures Lecture 1	
23/01/2023	<ul style="list-style-type: none"> ● Does mean by satellite technology? ● Made discussion on various types of satellite technology. ● Discuss about uses of satellite technology that how does it use for making an prediction of weather etc. 	Lecture 2	
27/01/2023	<ul style="list-style-type: none"> ● What does mean by satellite technology? Made discussion on various types of satellite technology. ● Discuss about uses of satellite technology that how it use for making an prediction of weather etc. 	Lecture 3	
30/01/2023	<ul style="list-style-type: none"> ● Discuss about the achievement in satellite technology in India. ● Made a discussion on the history of ISRO. ● Provided information on Indian astronauts and also discussed a note on uses of GPS. 	Lecture 3	
31/01/2023	<ul style="list-style-type: none"> ● Discuss on information and communication technology and the advantages of information technology. ● Discuss about the various application of information technology. 	Lecture 4	
02/02/2023	<ul style="list-style-type: none"> ● Discuss aNote on electronic systems and also discuss technology and convergence. ● And also discuss some advantage and criticism on it. 	Lecture 5	



03/02/2023	<ul style="list-style-type: none"> • What does mean by technology? • Discussion made on genetic engineering also. • Application of biotechnology and genetic engineering . • Also provide information that how genetic engineering is used in the sector of agriculture, pharmacy and in industry and also highlighted the branch of biotechnology. 	Lecture 6	
06/02/2023	<ul style="list-style-type: none"> • What does mean by nanotechnology? • Uses of nanotechnology in medicine military intelligence and consumer product. 	Lecture 7	
07/02/2023	<p>Part B- Issue of control, access and misuse of technology.</p> <ul style="list-style-type: none"> • Discussion made on the issue of control over technology. • Parental control over children using technology, concerned over genetically modified foods. 	Lecture 3	
09/02/2023	<ul style="list-style-type: none"> • Discuss about the cloning ethical issue and also health and environment consumer technology. • Discussion on new laser technology stirs nuclear bomb proliferation fear. 	Lecture 4	
10/02/2023	<ul style="list-style-type: none"> • Gave concern over information and communication technology. • Also make an awareness about how High level of radiation is dangerous. 	Lecture 1	
13/02/2023	<ul style="list-style-type: none"> • Access and misuse of technology provide information on abuses on the internet by cyber bullying, computer crime sending unwanted advertising and also gave some example of it. • Discussion made or misuse of SMS facility virus or warm attack through internet and also highlighted email related crime, sonography and sex determination test 	Lecture 2	



Date	Teaching Point/ Activity	No of Lectures	Remarks
	Unit - IV Introduction to Competitive Exam	11 lectures	
14/02/2023	Part A - basic information on competitive exam the pattern eligibility criteria and local centre <ul style="list-style-type: none"> ● Basic information on what does mean by comparative exam full stop benefits of competitive exam. ● Exams are conducted on a national and state level. ● Given information about the graduate record examination (GRE) and what is the pattern of the exam. ● What is the eligibility of it ? 	4 lectures Lecture 1	
16/02/2023	<ul style="list-style-type: none"> ● Discussion on graduate management admission test and also talk about common admission test. ● Then provided information about scholastic aptitude tests. 	Lecture 2	
17/02/2023	<ul style="list-style-type: none"> ● Discussion made on exam which is conducted by union public service commission (UPSC) talk about its syllabus pattern of exam, eligibility required for UPSC and what are the post provided by them. ● Discuss deeply on staff selection commission exam and provided information on SSC post. 	Lecture 3	
20/02/2023	<ul style="list-style-type: none"> ● Gave an information on another competitive exam which is the state public service commission. ● Which examinations are conducted by the banking sector and insurance sector. ● Then we had a discussion about the NET and SET competitive exam. 	Lecture 4	
23/02/2023	Part B Soft skill required for Competitive Examination	7 lectures	

27/02/2023	<ul style="list-style-type: none"> Information provided on why soft skill is also important for competitive and what is quantitative ability. Discussion made on data interpretation, verbal ability and logical reasoning and importance of it's. Group discussion made on creative and lateral thinking. 	Lecture 2	
02/03/2023	<ul style="list-style-type: none"> Talk about what does mean by motivation then get deeply in the concept of motivation. Discuss About the feature of motivation 	Lecture 3	
03/03/2023	<ul style="list-style-type: none"> Information provided on different types of motivation theory and also gave some relevant examples on it. Discussion made on comparison of different motivation theories. 	Lecture 4	
06/03/2023	<ul style="list-style-type: none"> Discuss about the motivation and types of motivation and discuss what does mean by intrinsic and extrinsic motivation. Also made a discussion on goal setting and what are the types of goals. Gave awareness about time management and strategies. 	Lecture 5	
09/03/2023	<ul style="list-style-type: none"> Discuss about writing skill. Importance of writing skill on a professional level. Provided information about report writing pattern and what are the characteristics of a good report 	Lecture 6	
10/03/2023	<ul style="list-style-type: none"> provided some sample of committee report writing format. Discussion about the importance of RTI act and how to fill an application under RTI act. Gave Information that how to use RTI online portal and provided some format of RTI application. Discuss about what is consumer grievance letter 	Lecture 7	

ACADEMIC YEAR 2022-23

CLASS: - F.Y.B. COM.

SUBJECT: - FOUNDATION COURSE (SEM – II)

NAME OF THE LECTURER- DAMINI MAURYA

Date	Teaching point / activity	No of Lectures	Remarks
14/11/2022	<ul style="list-style-type: none"> • Unit – 1 : Globalization and Indian Society <ul style="list-style-type: none"> ○ Discuss about the concept and meaning of Liberalization, Privatization, and Globalization with students. ○ What was the reason behind implementing of ○ Liberalization, Privatization, Globalization in year 1991. 	7 Lecture Lecture 1	
17/11/2022	<ul style="list-style-type: none"> ○ Negative and Positive impact of Privatization, Globalization with students. ○ Changing lifestyles impact on culture in a globalised world. 	Lecture 2	
18/11/2022	<ul style="list-style-type: none"> ○ What is the cause and impact of migration and ○ Type of migration. ○ Discuss about what is information technology and communication and how does it take growth in India. 	Lecture 3	
21/11/2022	<ul style="list-style-type: none"> ○ Discuss about increasing of urbanization, problem of housing, health and sanitation. ○ How globalization impact on industrial area and changes in employment and how growth of migration does takes place. 	Lecture 4	



22/11/2022	<ul style="list-style-type: none"> ○ Discuss about what is agrarian sector and its meaning. ○ Significant changes in market of liberalization and globalization. 	Lecture 5	
25/11/2022	<p>How does changes occur in food basket, agricultural marketing systems, changes in the share of agricultural sector?</p> <p>Discuss about growth of corporate farming and arguments for against corporate farming.</p>	Lecture 6	
28/11/2022	<p>Increasing number of farmer's suicides in India. Reason for farmer's suicides and consequences faced by farmers.</p>	Lecture 7	

Date	Teaching point / activity	No of Lectures	Remarks
29/11/2022	<p>Unit – 2 Human Rights</p> <p>What is Rights? Discuss about the concept of human rights and about origin and evolution of human rights. Characteristics of human rights and also discuss about the different type of human rights.</p>	<p>10 Lecture</p> <p>Lecture 1</p>	
01/12/2022	<p>Discuss about the universal declaration of human right and also preamble and articles. Discuss about fundamental right in the constitution and significance and characteristics of fundamental right.</p>	Lecture 2	
05/12/2022	<p>What is the meaning of amendment and what are the reason behind amendment in constitution. Discuss about the types of fundamental rights.</p>	Lecture 3	
06/12/2022	<p>Give the meaning of word Equality and what does mean by right to Equality. Given information about Article 14, Article 15 of Indian constitution.</p>	Lecture 4	



08/12/2022	Given information of Article 16 matters of public Employment in detail. Discuss about Abolition of untouchability Article 17 reason behind of Article 17 and also discuss about Article 18 of the Indian constitution.	Lecture 5	
09/12/2022	What does mean by freedom? What is the reason behind of freedom in constitution? Discuss about the various Article of right of freedom in Indian constitution.	Lecture 6	
12/12/2022	What does mean by Exploitation and what are Right against Exploitation, victims of Exploitation. Given information about Right to freedom of religion and why it is important in Indian society.	Lecture 7	
13/12/2022	Given information about what does mean by culture, type of different culture exist in Indian society? Discuss about Culture and Educational Right and why educational right important for children.	Lecture 8	
15/12/2023	Discuss about Right to Property of fundamental right? What was the reason behind to abolish the property right from fundamental right of Indian constitution?	Lecture 9	
16/12/2022	What does mean by constitutional Remedies and why here lower court or high court perform the power of Supreme Court. Type of Constitutional Remedies.	Lecture 10	

Date	Teaching point / activity	No of Lectures	Remarks
19/12/2022	Unit – 3 Ecology Discuss the meaning of word Ecology and discuss about the importance of Ecology. Given information what does mean by concept of environment.	10 Lecture Lecture 1	



20/12/2022	Discuss about the components of Environment, Natural Environment and Human / cultural Environment. Types of components in natural environment that is lithosphere, Hydrosphere, Biosphere, Atmosphere.	Lecture 2	
22/12/2022	Environment components and their interrelationships discussed in detail, and also discuss about human environment. Concept of Ecology – Origin of word Ecology and also given detail information o scope of Ecology.	Lecture 3	
02/01/2023	Given information about disciplines of Ecology, and its types and discussed about Eco-physiology. Provide information about behavioural and population Ecology and meaning of it.	Lecture 4	
16/01/2023	Discusses about different type of Ecology- Community, Ecosystem, Systems, Landscape, Evolutionary, and Political. Discuss the relation of Ecology and environment by given various example and also discuss about Natural ecosystem.	Lecture 5	
19/01/2023	Discussion on structure and functions of Eco-system and also discuss about its 3 important factor. Given example of types of consumers and also discussed about decomposers.	Lecture 6	
20/01/2023	Provide information on importance of environmental studies and its different sectors. Discussion on why environment is a natural capital and quality of Human life.	Lecture 7	
23/01/2023	What does mean by Environmental Degradation and also discuss the types of forms of environmental degradation. What are the cause and impact of environments degradation on Human life .	Lecture 8	



27/01/2023	What does mean by Sustainable development and what services provided by sustainable development. Discuss about principles and guidelines of sustainable development.	Lecture 9	
30/01/2023	Discuss Components of sustainable development. Discuss about the poverty and environment and given various example.	Lecture 10	

Date	Teaching point / activity	No of Lectures	Remarks
31/01/2023	Unit – 4 Understanding Stress and Conflict What does mean by stress and how dose stress occurs in human being explained in detail. Discuss about the cause of stress in detail? Given various e.g. on organizational stress and how its effects human life.	10 Lecture Lecture 1	
02/02/2023	Given information about individual stress and how its impact individual personality. How dose Environment impact of individual life.	Lecture 2	
03/02/2023	What is the meaning and causes of conflict? Provided information about sources and causes of conflicts and given various example about conflict.	Lecture 3	
06/02/2023	Discuss about what does mean by socialization by giving some relevant example. Discuss on agents of socialization and given some example of its that how our member of society impact on individual personality.	Lecture 4	
07/02/2023	Discuss about how does significance of values in individual development. Discuss about the importance of moral and social norms and how does it help to grow.	Lecture 5	



09/02/2023	Discuss about values of social and moral norms in development of individual group or a society. What are the importance of value? And discuss about how different values generate or improve in individual personality.	Lecture 6	
10/02/2023	What does mean by ethics? Explained in detailed. Discuss about value of ethics and given the information about that how ethics play a very important role in our life.	Lecture 7	
13/02/2023	Discuss about significance of Prejudices in individual development and what does mean by prejudices. Given importance that the role of prejudices in our life.	Lecture 8	
14/02/2023	Discuss about the negative and positive role in prejudices in individual development. Discuss about stereotyping and prejudice as causes of conflicts.	Lecture 9	
16/02/2023	Discuss about types of Aggression and how does aggression evolve violence. Discuss about cause of aggression and violence and measure for resolving aggression and violence in society.	Lecture 10	



Date	Teaching point / activity	No of Lectures	Remarks
17/02/2023	Unit – 5 Managing Stress and Conflict in Contemporary Society What does mean by conflict and types of conflicts discuss in detailed. How to coping with stress	10 Lecture Lecture 1	
20/02/2023	Discuss about an individual and organizational strategies. What does mean by self- actualization.	Lecture 2	

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ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE
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Teaching Plan

Subject : हिंदी में सूचना प्रौद्योगिकी

Class : तृतीय वर्ष

Sem: V

Paper-VI

Faculty Name : डॉ. माधुरी जोशी

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
July I week	इकाई एक : सूचना प्रौद्योगिकी अर्थ, परिभाषा, स्वरूप, विकास	०२ ०२	०२ ०२
July II week	सूचना प्रौद्योगिकी : समस्याएँ, सीमाएँ	०२ ०२	०२ ०२
July III week	सूचना प्रौद्योगिकी : चुनौतियाँ	०१	०१
July IV week	सूचना प्रौद्योगिकी : सकारात्मक और नकारात्मक प्रभाव	०२	०२
July IV week	इकाई दो : सूचना प्रौद्योगिकी का व्यवहार क्षेत्र : सामान्य परिचय	०२	०२
August I week	सूचना प्रौद्योगिकी का जनसंचार के क्षेत्र में योगदान और महत्व	०७	०७
August II week	सूचना प्रौद्योगिकी : (हिंदी पत्रकारिता, प्रिंट मीडिया, इलेक्ट्रॉनिक मीडिया के संदर्भ में)		
August III week	सूचना प्रौद्योगिकी शिक्षा के क्षेत्र में उपादेयता	०२	०२
August IV week	इकाई तीन : सूचना प्रौद्योगिकी : हिंदी भाषा और देवनागरी लिपि का वैश्विक प्रयोग	०२	०२
September I week	हिंदी सॉफ्टवेयर परिचय, अनुप्रयोग और महत्व	०२	०२
September I week	सूचना प्रौद्योगिकी के क्षेत्र में हिंदी भाषा और देवनागरी लिपि के वैश्विक प्रसार में विविध संस्थानों की भूमिका योगदान	००	००
September II week	राजभाषा विभाग	०१	०१
September II week	केंद्रीय हिंदी संस्थान, आगरा	०२	०२
September III week	सी डैक, पुणे	०१	०१
September	राष्ट्रीय प्रौद्योगिकी संस्थान	०२	०२



III week			
October I week	इकाई चार : इंटरनेट और हिंदी हिंदी में ई मेल नेट पर हिंदी विज्ञापन	०२ ०२	०२ ०२
October II week	हिंदी की साहित्यिक ई-पत्रिकाएँ हिंदी - ब्लॉग	०२ ०१	०२ ०१
October II week	भारत में डिजिटलाइजेशन और हिंदी सूचना प्रौद्योगिकी के क्षेत्र में हिंदी आधारित रोजगार की संभावनाएँ	०२ ०२	०२ ०२

MA Joshi

Signature

Faculty member

Dr.(Smt.) Madhuri Anil Joshi

Head Of Dept, (Hindi)

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सत्यमेव जयते

Government of Maharashtra
ISMAL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE
Jogeshwari (East), Mumbai - 400060

Teaching Plan

Subject : सोशल मीडिया

Class : तृतीय वर्ष

Sem: VI

paper-IV

Faculty Name : डॉ. माधुरी जोशी

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
November IV week	इकाई एक : सोशल मीडिया अर्थ, स्वरूप और विकास	4	4
December I week	सोशल मीडिया का व्यवहार क्षेत्र और महत्व	3	3
December I & II week	सोशल मीडिया : चुनौतियाँ	3	3
December II week	इकाई दो : सोशल मीडिया में हिंदी भाषा एवं देवनागरी लिपि का प्रयोग	2	2
January I week	हिंदी का बदलता रूप (फेसबुक, व्हाट्स अप, ट्विटर, मैसेंजर, इंस्टाग्राम, यूट्यूब)	4	4
January II week	सोशल मीडिया : शिक्षा के क्षेत्र में उपादेयता	2	2
January II week	सोशल मीडिया : हिंदी का प्रयोग और रोजगार की संभावनाएँ	3	3
January III week	इकाई तीन : सोशल मीडिया के प्रभाव (राजनीतिक, आर्थिक)	2	2
January III & IV week	सोशल मीडिया के प्रभाव (धार्मिक और सांस्कृतिक)	3	3
January IV week	सोशल मीडिया : बदलता भारतीय परिवेश (बाल, युवाओं, महिलाओं और वृद्धों के संदर्भ में)	2	2
January V week	सोशल मीडिया : बदलता भारतीय परिवेश (महिलाओं और वृद्धों के संदर्भ में)	3	3
February I week	सोशल मीडिया का जीवन मूल्यों पर प्रभाव	3	3
February II week	इकाई चार : सोशल मीडिया और कानून	4	4
February III week	सोशल मीडिया और मुक्त अभिव्यक्ति तथा दायित्व बोध	4	4
February	सोशल मीडिया की वैश्विक व्याप्ति	3	3



IV week			
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Teaching Plan

Subject : भाषा विज्ञान : हिंदी भाषा और व्याकरण

Class : तृतीय वर्ष

Sem: V

पेपर प्रा.

Faculty Name : डॉ. माधुरी जोशी

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
July I week	इकाई १ भाषा की परिभाषा और उसकी विशेषताएँ	5	5
July II week	भाषा के विविध रूप	5	5
July III week	भाषा परिवर्तन के प्रमुख कारण	5	5
July IV week	इकाई २ भाषा विज्ञान : परिभाषा और उपयोगिता	5	5
July IV week	भाषा विज्ञान की प्रमुख शाखाओं का सामान्य परिचय (ध्वनि विज्ञान, शब्द विज्ञान)	5	5
August I week	भाषा विज्ञान की प्रमुख शाखाओं का सामान्य परिचय (रूप विज्ञान, वाक्य विज्ञान, अर्थ विज्ञान)	5	5
August II week	इकाई ३ वर्ण विचार : उच्चारण की दृष्टि से हिंदी ध्वनियों का वर्गीकरण	5	5
August III week	कारक के भेद एवं उसकी विभक्तियाँ	5	5
August IV week	संज्ञा : रूपांतर के आधार	5	5
September I week	इकाई ४ सर्वनाम : कारक रचना	4	4
September I week	विशेषण : रूपांतर के आधार	4	4
September II week	क्रिया : रूपांतर के आधार (वाच्य, काल)	4	4
September II week	क्रिया : रूपांतर के आधार (लिंग, प्रथम और वचन के आधार पर)	3	3

MAJoshi
Signature
Faculty member



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Teaching Plan

Subject : भाषा विज्ञान : हिंदी भाषा और व्याकरण Class : तृतीय वर्ष

Sem: VI

पेपर ११११

Faculty Name : डॉ. माधुरी जोशी

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
November IV week	इकाई १ प्राचीन एवं मध्यकालीन भारतीय आर्य भाषाओं का सामान्य परिचय (वैदिक संस्कृत, लौकिक संस्कृत)	5	5
December I week	प्राचीन एवं मध्यकालीन भारतीय आर्य भाषाओं का सामान्य परिचय (पालि, प्राकृत, अपभ्रंश)	5	5
December I & II week	आधुनिक भारतीय आर्य भाषाओं का सामान्य परिचय (सिन्धी, मराठी)	2	2
December II week	आधुनिक भारतीय आर्य भाषाओं का सामान्य परिचय (पंजाबी, गुजराती, बांग्ला)	3	3
January I week	इकाई २ हिंदी भाषा की उत्पत्ति और विकास	3	3
January II week	हिंदी की प्रमुख बोलियों का सामान्य परिचय (ब्रज भाषा, अवधी)	3	3
January II week	हिंदी की प्रमुख बोलियों का सामान्य परिचय (भोजपुरी, खड़ी बोली)	3	3
January III week	खड़ी बोली हिंदी के प्रमुख रूप (हिंदी, हिंदुस्तानी)	3	3
January III & IV week	खड़ी बोली हिंदी के प्रमुख रूप (उर्दू, दक्खिनी)	3	3
January IV week	इकाई ३ हिंदी का शब्द समूह	5	5
January V week	देवनागरी लिपि : विशेषताएँ एवं महत्त्व	5	5
February I week	संधि : अर्थ, स्वरूप तथा प्रमुख भेदों का सामान्य परिचय	5	5
February II week	इकाई ४ वाक्य रचना (वाक्य की परिभाषा, अर्थ और रचना की दृष्टि से वाक्य के प्रकार)	5	5



February III week	वाक्य रचना (हिंदी वाक्य रचना में अध्याहार और पदक्रम संबंधी सामान्य नियम)	5	5
February IV week	समास (अर्थ, स्वरूप तथा प्रमुख भेदों का सामान्य परिचय)	5	5

MA Joshi

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Faculty member

MA Joshi

Signature

Head of the Department/ Coordinator

Dr.(Smt.) Madhuri Anil Joshi

Head Of Dept, (Hindi)

Government of Maharashtra

Ismail Yusuf College, Jogeshwari, Mumbai-60.





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ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE
Jogeshwari (East), Mumbai – 400060

Teaching Plan

Subject: हिंदी साहित्य का इतिहास Class: TYBA HINDI Sem: V Paper: IV
Faculty Name: Smt. Reshmi Jaiswar

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
July I week	इकाई 1 हिंदी साहित्य का इतिहास का काल विभाजन	०२	०२
July II week	हिंदी साहित्य का नामकरण	०२	०२
July III week	इकाई 2 आदिकाल : आदिकालीन हिंदी साहित्य की पृष्ठभूमि	०२	०२
July IV & V week	सिद्ध, नाथ साहित्य की प्रमुख विशेषताएँ	०२ ०१	०२ ०१
August I week	जैन एवं रासो साहित्य की प्रमुख विशेषताएँ	०२	०२
August II week	इकाई 3 भक्ति काल : भक्तिकालीन हिंदी साहित्य की पृष्ठभूमि	०२	०२
August III week	संतकाव्य की सामान्य विशेषताएँ	०२	०२
August IV week	सूफी काव्य की सामान्य विशेषताएँ	०२	०२
August V week	रामभक्ति काव्य की सामान्य विशेषताएँ	०२	०२
September II week	कृष्णभक्ति काव्य की सामान्य विशेषताएँ	०२	०२



September III week	इकाई 4 रीतिकालीन : रीतिकालीन हिंदी साहित्य की पृष्ठभूमि	०२	०२
September IV & V week	रीतिबद्ध काव्य की प्रमुख प्रवृत्तियां	०२ ०१	०२ ०१
October I week	रीतिसिद्ध काव्य की प्रमुख प्रवृत्तियां	०२	०२
October II week	रीतिमुक्त काव्य की प्रमुख प्रवृत्तियां	०२	०२

Rashmi

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Faculty member

M.A. Joshi

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Head of the Department/ Coordinator



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Jogeshwari (East), Mumbai – 400060

Teaching Plan

Subject: आधुनिक हिंदी साहित्य का इतिहास
Sem: VI

Class: TYBA HINDI
Paper: IV

Faculty Name: Smt. Reshmi Jaiswar

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
November IV week	इकाई 1: आधुनिक काल की पृष्ठभूमि.	०२	०२
December I week	आधुनिक काल की सामान्य प्रवृत्तियाँ	०२	०२
December II week	भारतेन्दु युग विशेषताएँ	०२	०२
January I week	छायावाद की विशेषताएँ	०२	०२
January II week	इकाई 2 : प्रगतिवाद की विशेषताएँ	०२	०२
January III week	समकालीन काव्य की विशेषताएँ	०२	०२
January IV week	इकाई 3 आधुनिक हिंदी गद्य विधाओं का विकास : उपन्यास का विकास	०२	०२
February II week	कहानी का विकास	०२	०२
February III week	आलोचन का विकास	०२	०२



February IV week	इकाई 4 आत्मकथा का विकास	०२	०२
March II week	जीवनी का विकास	०२	०२
March III week	संस्मरण का विकास	०२	०२

Rashmi

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Jogeshwari (East), Mumbai – 400060

Teaching Plan

Subject: संचार माध्यम Class: TYBA HINDI Sem: V Paper: IX
Faculty Name: Smt. Reshmi Jaiswar

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
July I week	इकाई 1 जनसंचार: अर्थ, परिभाषा, अवधारणा एवं स्वरूप	02 02	02 02
July II week	जनसंचार :तत्व एवं विशेषताएँ	02 02	02 02
July III week	जनसंचार :प्रक्रिया, उपयोगिता	02 02	02 02
July IV week	जनसंचार : महत्त्व एवं बदलता स्वरूप	02 02	02 02
July V week	इकाई 1 पुनरावृत्ति	09	09
August I week	इकाई 2 मुद्रण कला : अर्थ एवं स्वरूप एवं विशेषताएँ	02 09	02 09
August II week	मुद्रण कला का इतिहास	02 02	02 02
August III week	मुद्रण कला का विकास	02	02
August IV week	प्रूफ शोधन अर्थ स्वरूप प्रूफ शोधक के गुण	02 02	02 02
August V week	प्रूफ शोधक के कर्तव्य	02	02



September II week	इकाई 3 इलेक्ट्रॉनिक दृश्य, श्रव्य जनसंचार माध्यम: रेडियों की अवधारणा, विकास रेडियों कार्यक्रम एवं उद्घोषक के गुण, कर्तव्य	०२ ०२	०२ ०२
September III week	सिनेमा स्वरूप विकास एवं पटकथा लेखन	०२	०२
September III week	टेलीविजन : स्वरूप, विकास	०२	०२
September IV week	टेलीविजन धारावाहिक लेखन	०२	०२
September IV week	इकाई 4 अत्याधुनिक जनसंचार माध्यम उपयोग एवं दिशाएं - वेब पत्रकारिता की अवधारणा	०१	०१
September V week	वेब पत्रकारिता की विशेषताएँ वेब पत्रकारिता तकनीक	०२ ०१	०२ ०१
October I week	वेब पत्रकारिता की उपयोगिता एवं भविष्य	०२	०२
October I week	प्रमुख वेब संस्करण समाचार पत्र	०२	०२
October II week	प्रमुख वेब संस्करण पत्रिकाएँ रेडियो एवं समाचार चैनल	०२ ०२	०२ ०२

Signature

Signature
Faculty member



Signature

Signature
Head of the Department/ Coordinator

Dr. (Smt.) M. Anand Joshi
Head
Governor
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ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE
Jogeshwari (East), Mumbai – 400060

Teaching Plan

Subject: संचार माध्यम Class: TYBA HINDI Sem: VI Paper: IX

Faculty Name: Smt.Reshmi Jaiswar

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
November IV week	इकाई 1: जनसंपर्क अर्थ, परिभाषा उद्देश्य और महत्त्व	04	04
December I week	जनसंपर्क उद्भव, विकास क्षेत्र, साधन	04	04
December II week	जनसंपर्क की संभावनाएँ और चुनौतियाँ	02	02
December II week	इकाई 2: विज्ञापन अर्थ, परिभाषा, स्वरूप	02	02
January I week	विज्ञापन का महत्त्व और विशेषताएँ विज्ञापन उद्देश्य, प्रकार और सामाजिक उपयोगिता	02 02	02 02
January II week	विज्ञापन उपभोक्ता, एजेंसिया, नैतिकता और कानून	04	04
January III week	इकाई 3: वृत्तचित्र अर्थ, स्वरूप सामान्य परिचय, महत्त्व एवं उपयोगिता	04	04
January IV week	लघुफिल्म अर्थ, स्वरूप सामान्य परिचय	03	03
February II week	लघुफिल्म महत्त्व एवं उपयोगिता वृत्तचित्र और लघुफिल्म के उद्देश्य और प्रकार	04	04
February III week	वृत्तचित्र और लघुफिल्म के उद्देश्य और प्रकार	04	04
February IV week	इकाई 4: मीडिया सामाजिक मुद्दे और समस्याएँ	04	04



March II week	मीडिया उत्तरदायित्व और राष्ट्रीय विकास	०४	०४
March III week	मीडिया आचार संहिता और बाजारवाद	०४	०४

Rishu

Signature
Faculty member

MA Joshi

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Head of the Department/ Coordinator

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महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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LECTURE PLAN



महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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Teaching Plan

Subject: मराठी साहित्याची सुरुवात व महानुभावीय वाङ्मय

Class: **TYBA**

Sem: **v**

DIV:

Faculty Name: **कला शाखा (मराठी विभाग)**

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
जून २०२३	मराठी साहित्याची सुरुवात मराठी: देशीभाषा	2	2
जुलै २०२३	मराठी साहित्याची सुरुवात मराठी: ८, ९वे शतक परिचय	3	3
जुलै २०२३	मराठीतील आद्यग्रंथ : चर्चा	2	2
जुलै २०२३	शिलालेख, ताम्रपटयावरील मराठी लेखन. थोडक्यात परिचय	3	2
जुलै २०२३	महानुभाव संप्रदायाची ठळक वैशिष्ट्ये: व्दैती तत्त्वज्ञान, पंचकृष्ण,	3	2
जुलै २०२३	महानुभाव संप्रदायाची ठळक वैशिष्ट्ये: चक्रधरांचे व्यक्तिमत्त्व, मराठीचा स्वीकार व आग्रह, सांकेतिक लिपी.	3	2
जुलै २०२३	महानुभावीय वाङ्मय : चरित्रग्रंथ, तत्त्वज्ञानग्रंथ	3	3
जुलै २०२३	सातीग्रंथ, स्फुटगद्य-पद्य-धवळे	3	3
जुलै २०२३	टीकाग्रंथ, व्याकरणग्रंथ.	3	3
ऑगस्ट २०२३	वारकरी पंथीयांचे वाङ्मय	3	3
ऑगस्ट २०२३	यादवकालीन महाराष्ट्रात वारकरीपंथाची स्थापना	3	2



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ऑगस्ट २०२३	पंढरीचा भक्ती संप्रदाय हा महाराष्ट्रातील प्रमुख वारकरी संप्रदाय म्हणून तेराव्या शतकात धार्मिक, सामाजिक व साहित्यिकदृष्ट्या प्रभाव	3	2
ऑगस्ट २०२३	ज्ञानदेव-नामदेव तयांच्या प्रभावळीतील इतरांचे वाङ्मय.	3	2
ऑगस्ट २०२३	वारकरी पंथीयांचे वाङ्मय	3	2
ऑगस्ट २०२३	बहामनी राजवट	3	2
ऑगस्ट २०२३	एकनाथकालीन महाराष्ट्र	3	2
ऑगस्ट २०२३	तमोयुग, एकनाथ, एकनाथपंचक यांचे वाङ्मय	3	2
ऑगस्ट २०२३	शिवकालीन महाराष्ट्र - स्वराज्यप्रेरणा	3	2
सप्टेंबर २०२३	तुकाराम, तुकारामाचे शिष्याचे वाङ्मय	3	3
सप्टेंबर २०२३	पंडितीकाव्य	3	3
सप्टेंबर २०२३	पंडितीकाव्याची स्वरूप-वैशिष्ट्ये	2	2
सप्टेंबर २०२३	पंडितीकाव्याचे गुण-दोष चर्चा	3	3
सप्टेंबर २०२३	पंडितकवी- मुक्तेश्वर, मोरोपंत	3	2
सप्टेंबर २०२३	पंडितकवी - रघुनाथपंडित, सामराज	3	3
सप्टेंबर २०२३	पंडितकवी - निरंजनमाधव, वामनपंडित	3	2
सप्टेंबर २०२३	पंडितकवी - नागेश, विठ्ठल	3	2



Head of the Department

Head of the Department

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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Teaching Plan

Subject: मराठी साहित्याची सुरुवात व महानुभावीय वाङ्मय

Class: **TYBA**

Sem: **VI**

Year : 2023

Faculty Name: कला शाखा (मराठी विभाग)

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
डिसेंबर २०२३	शाहिरी वाङ्मय	2	2
डिसेंबर २०२३	शाहिरी वाङ्मय : लावणी या काव्यप्रकारांची स्वरूप वैशिष्ट्ये.	3	3
डिसेंबर २०२३	शाहिरी वाङ्मय : पोवाडे या काव्यप्रकारांची स्वरूप-वैशिष्ट्ये.	2	2
डिसेंबर २०२३	काही लावणीकार : प्रभाकर, अनंतफंदी, परशराम या शाहिरांचा व त्यांच्या साहित्याचा परिचय.	3	2
डिसेंबर २०२३	काही लावणीकार : होनाजी बाळा, राम जोशी या शाहिरांचा व त्यांच्या साहित्याचा परिचय.	3	2
जानेवारी २०२४	महानुभाव व वारकरी यांखेरीज इतर पंथीयांचे वाङ्मय	3	2
जानेवारी २०२४	नाथ पंथातील वाङ्मयाचे स्वरूप.	3	3
जानेवारी २०२४	दत्त या पंथातील वाङ्मयाचे स्वरूप.	3	3
जानेवारी २०२४	समर्थपंथातील वाङ्मयाचे स्वरूप	3	3
जानेवारी २०२४	लिंगायत या पंथातील वाङ्मयाचे स्वरूप	3	3



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जानेवारी २०२४	हिंदू धर्माखेरीज इतर धर्मियांनी केलेली वाङ्मयनिर्मिती	3	2
जानेवारी २०२४	ख्रिस्ती धर्मियांनी केलेली वाङ्मयनिर्मिती	3	2
जानेवारी २०२४	ख्रिस्ती - फादर स्टीफन्स, कुओं, सालंदाज, पाद्री अल्मैद	3	2
जानेवारी २०२४	इस्लामी धर्मियांनी केलेली वाङ्मयनिर्मिती	3	2
जानेवारी २०२४	इस्लामी - मुंतोजी (मृत्युंजय), हुसेन अंबरखान, शेख महमंद, शहामुनी	3	2
फेब्रुवारी २०२४	बखर गद्याची स्वरूप वैशिष्ट्ये	3	2
फेब्रुवारी २०२४	बखरी- शिवपूर्वकालीन महिकावतीची उर्फ माहीमची बखर.	3	2
फेब्रुवारी २०२४	बखरी- राक्षसतागडीची लढाई.	3	2
फेब्रुवारी २०२४	शिवकालीन बखरी	2	2
फेब्रुवारी २०२४	शिवकालीन बखरी - शिवछत्रपतींचे चरित्र कृष्णाजी अनंत सभासद	2	2
मार्च २०२४	शिवकालीन बखरी - चित्रगुप्तविरचित शिवाजी महाराजांची बखर	2	2
मार्च२०२४	शिवकालीन बखरी - श्री छत्रपतींची ९१ कलमी बखर दत्तोत्रिमल वाकेनिस	1	1
मार्च२०२४	शिवकालीन बखरी - , मल्हार रामराव चिटणीसविरचित श्री शिवछत्रपतींचे सप्तप्रकरणात्मक चरित्र.	1	1



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Head of the Department

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र . - पाचवे

शैक्षणिक वर्ष - २०२२-२३
वर्ग - तृतीय वर्ष कला

विषय - भारतीय साहित्यशास्त्र (अभ्यासपत्रिका क्रमांक - ५)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	भारतीय साहित्यशास्त्र : संकल्पना व सिद्धांत	अलंकार विचार, वक्रोक्तीविचार, रितीविचार, ध्वनिसिद्धांत, औचित्य विचार	०५ तासिका
घटकक्र . २	भारतीय साहित्यशास्त्र : साहित्याचा आस्वाद	भरताचा रससिद्धांत आणि भाष्यकार	२५ तासिका
घटकक्र . ३	भारतीय साहित्यशास्त्र : साहित्य भाषेचे स्वरूप व कार्य	शब्दशक्ती, वृत्त, छंद, मुक्तछंद	०५ तासिका
घटकक्र . ४	भारतीय साहित्यशास्त्र : साहित्य निर्मिती प्रक्रिया व प्रयोजन विचार	साहित्य निर्मिती कारणे : प्रतिभा, व्युत्पत्ती व अभ्यास साहित्य प्रयोजने : भरत ते अभिनवगुप्त	२५ तासिका



(Signature)

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महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी

शैक्षणिक वर्ष - २०२२-२३

सत्र क्र . -सहावे

वर्ग - तृतीय वर्ष कला

विषय - पाश्चात्य साहित्यशास्त्र (अभ्यासपत्रिका क्रमांक - ५)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	पाश्चात्य साहित्यशास्त्र : साहित्याचे स्वरूप	अनुकृती सिद्धांत, पाश्चात्य काव्य व्याख्या	०५ तासिका
घटकक्र . २	पाश्चात्य साहित्यशास्त्र : साहित्याची भाषा	रूपक, प्रतिमा, प्रतिक अनेकार्थता, नियमोल्लंघन, अपरिचितिकरण	२५ तासिका
घटकक्र . ३	पाश्चात्य साहित्यशास्त्र : साहित्य निर्मिती विचार आणि प्रयोजन विचार	कल्पनाशक्ती आणि चमत्कृतिशक्ती सिद्धांत आत्माविष्कार, जीवनभाष्य, सामाजिक बांधिलकी	०५ तासिका
घटकक्र . ४	पाश्चात्य साहित्यशास्त्र : साहित्याचा आस्वाद	भावना विरेचन, प्रेरणा संतुलन इत्यादी सिद्धांत	२५ तासिका



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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी

शैक्षणिक वर्ष - २०२२-२४

सत्र क्र . - पाचवे

वर्ग - तृतीय वर्ष कला

विषय - साहित्य आणि समाज (अभ्यासपत्रिका क्रमांक - ६)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	साहित्य आणि समाज - अन्योन्य संबंध	अ) साहित्य- समाज ,संस्कृती ह्या संकल्पना आणि त्यांच्या परस्पर संबंधांचे स्वरूप आ) साहित्य- समाज संबंध - तेन ,मार्क्स ह्यांचे सिद्धांत;मार्क्सवादी समीक्षा पद्धती, मानवतावाद, स्त्रीवाद, आंबेडकरवाद	१३ तासिका
घटकक्र .२	ग्रामीण साहित्य	अ) ग्रामीण साहित्य - संकल्पना आणि मराठीतील परंपरा आ) 'धग असतेच आसपास ' ह्या ग्रामीण काव्यसंग्रहाचा अभ्यास	१४ तासिका
घटकक्र .३	महानगरीय जाणिवेचे साहित्य	अ) महानगरीय जाणिवेच्या साहित्याची संकल्पना आणि मराठीतील परंपरा आ) 'क्रमशः ' कादंबरीचा अभ्यास	१४ तासिका



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विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र. - सहावे

शैक्षणिक वर्ष - २०२२-२३
वर्ग - तृतीय वर्ष कला

विषय - साहित्य आणि समाज (अभ्यासपत्रिका क्रमांक - ६)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	सामाजिक स्थित्यंतरे आणि मराठी साहित्य	अ) महाराष्ट्रातील सामाजिक स्थित्यंतरे व मराठी साहित्य - मागोवा आ) साहित्य - समाज संबंध - शरदचंद्र मुक्तिबोध आणि म.ना.वानखेडे ह्यांच्या लेखाआधारे १.ललित वाङ्मयातील सामाजिक जाणिवेचे स्वरूप (लेख) -ले. शरदचंद्र मुक्तिबोध २.दलित जाणिवेचे स्वरूप (लेख) - ले.म.ना.वानखेडे	१३ तासिका
घटकक्र. २	दलित साहित्य	अ) दलित साहित्य - संकल्पना आणि मराठीतील परंपरा आ) 'भाई तुम्ही कुठे आहात?' ह्या नाटकाचे वाचन व अभ्यास	१३ तासिका
घटकक्र .३	स्त्रीवादी जाणिवेचे साहित्य	अ) स्त्रीवादी साहित्याची संकल्पना आणि मराठीतील परंपरा आ) 'तिचा अवकाश' ह्या स्त्रीवादी संपादित कथासंग्रहाचे वाचन व अभ्यास	१३ तासिका



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महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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Teaching Plan

Subject: भाषाविज्ञान

Class: TYBA

Sem: v

DIV:

Faculty Name: कला शाखा (मराठी विभाग)

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
जून २०२३	अभ्यासपत्रिका परिचय घटक १ . भाषा शास्त्राच्या विविध शाखा प्रस्तावना उद्देश स्पष्टीकरण	2	2
जुलै 2023	ऐतिहासिक भाषा विद्यान : तत्व व स्वरूप ऐतिहासिक भाषा विद्यानाच्या पद्धती • पुरोगामी • पक्षचाद गामी तौलनिक किंवा बहुभाषिक पुर्नरचन अंतर्गत अथवा एक भाषिक पुर्नरचन	3	2
जुलै 2023	ऐतिहासिक भाषा अभ्यास पद्धतीच्या मर्यादा भाषाकुल संकल्पना विस्तार आणि विश्लेषण	2	2
जुलै 2023	वर्णनात्मक भाषा विज्ञानाची मूलतत्वे प्रस्तावना विश्लेषण वर्णनात्मक भाषा विज्ञानाचे स्वरूप भाषिक व्यवस्था आणि भाषिक वर्तन	2	2
जुलै 2023	एक कालिक आणि कालक्रमिक चिन्हक आणि चिन्हित अन्वयनिष्ठ आणि गणनिष्ठ लेनर्ड ब्लुमफिल्ड नोम चॉम्स्की	3	2
जुलै 2023	समाज भाषा विज्ञानाचे स्वरूप समाज भाषा विज्ञानाचे सिद्धांत भाषिक वर्तन आणि अवकाश संदेशवहनक्षमता	3	2



महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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जुलै 2023	भाषिक भांडार व लघु क्षेत्र भाषा आणि सामाजिक घडण भाषाभेद भाषा आणि बोली	3	3
जुलै 2023	व्यावसायिक बोली सांकेतिक बोली भाषा संपर्क समारोप सविस्तर प्रश्न उत्तरांची चर्चा.	3	3
जुलै 2023	घटक २ स्वनीम विन्यास स्वनांचे गुणधर्म स्वनांची लक्षणे भाषा ध्वनी असण्याची क्षमता व्यक्ती विशिष्टता विभेदकता लवचिकता	3	3
जुलै 2023	स्वनीम आणि स्वनांतरे स्वनीम आणि स्वनांतरे यांचे लेखन चिन्ह स्वनीम प्रकार खंडित खंडाधिष्ठित	3	3
जुलै 2023	खंडाधिष्ठित स्वनिम प्रकार अवधी बलाघात सुरांचा चढ-उतार सीमा संधी नासिक्यरंजन	3	2
जुलै 2023	स्वनिम आणि स्वनांतरे यांचा परस्परसंबंध स्वनिम विश्लेषणाची तत्वे तंत्रे १) पूरक विनियोग २) वैकल्पिक / मुक्त विनियोग	3	2



महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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जुलै 2023	३) वैधर्म्ययुक्त विनियोग/ व्यवच्छेदक विनियोग ४) काटकसरीचे तत्त्व समारोप सविस्तर प्रश्न उत्तरांची चर्चा.	3	2
ऑगस्ट 2023	घटक ३ रुपिम विनियोग १) पूरक विनियोग २) वैकल्पिक / मुक्त विनियोग	3	2
ऑगस्ट 2023	३) वैधर्म्ययुक्त विनियोग/ व्यवच्छेदक विनियोग रुपिमांचे प्रकार • अन्याय साधारण रूपिम • मुक्त रूपिम • बद्ध रूपिम	2	2
ऑगस्ट 2023	रुपिकांतराचे प्रकार • स्वनिमाश्रयी • रुपिकाश्रयी • शुन्य रूपिकांतरे	2	2
ऑगस्ट 2023	रूप आणि प्रक्रिया प्रत्यय प्रक्रिया:पूर्वप्रत्यय: उत्तरप्रत्यय:विकारी प्रत्यय: मध्यप्रत्यय अतिरिक्त प्रत्यय:	2	2
ऑगस्ट 2023	शुन्य प्रत्यय द्विरावृत्ती अंगादेश शब्द क्रम	2	2



महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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ऑगस्ट 2023	सामासिक शब्द अभ्यस्त शब्द • पूर्णाभ्यस्त • अंशात्मक अभ्यस्त समारोप सविस्तर प्रश्न उत्तरांची चर्चा. संदर्भ ग्रंथ मार्गदर्शन	2	2
सप्टेंबर 2023	घटक ४ अर्थविन्यास प्रस्तावना उद्देश अर्थाचे स्वरूप अर्थ म्हणजे निर्देश अर्थ म्हणजे प्रतिमा	2	2
सप्टेंबर 2023	अर्थ ही संकल्पना स्पष्टीकरण अर्थविण्यास अर्थाचे प्रकार संकल्पनिक अर्थ गुणव्यंजक अर्थ	2	2
सप्टेंबर 2023	शैलीगत अर्थ भावपर अर्थ परावर्तित अर्थ साहचर्यपर अर्थ विषयार्थ	1	1
सप्टेंबर 2023	रूप व अर्थ संबंध १ अनेकार्थता २ समानार्थता	2	1



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मराठी विभाग

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सप्टेंबर 2023	अर्थ आणि अर्थ संबंध १अर्थ समावेश २अर्थ बहिष्कृती अ द्विपर्यायी विरोध ब बहुविध विरोध अर्थ क ध्रुवात्मक विरोध ड व्यत्यासात्मक विरोध	2	2
सप्टेंबर 2023	घटक विश्लेषण अर्थक्षेत्र संकल्पना समारोप सविस्तर प्रश्न उत्तरांची चर्चा. संदर्भ ग्रंथ मार्गदर्शन.	2	2



(Signature)

विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी

शैक्षणिक वर्ष - २०२२-२३

सत्र क्र . - पाचवे

वर्ग - तृतीय वर्ष कला

विषय - भाषाविज्ञान (अभ्यासपत्रिका क्रमांक - ७)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	भाषाशास्त्राच्या विविध शाखा	अ) वर्णनात्मक , ऐतिहासिक आणि समाजशास्त्रीयभाषाविज्ञान - स्वरूप ,संकल्पना आणि वैशिष्ट्ये	१५ तासिका
घटकक्र .२	स्वनिम विन्यास(स्वनिमविचार)	अ)स्वन, स्वनिम ,स्वनांतर ह्या संकल्पनांचा अभ्यास आ) स्वनिमांचे प्रकार , स्वनिम विश्लेषणाची तत्त्वे आणि तंत्रे	१५ तासिका
घटकक्र .३	रुपिमविन्यास (रुपिमविचार)	अ रुपिका,रुपिम ,रुपिकांतर ह्या संकल्पनांचा अभ्यास आ) रुपिमांचे प्रकार ,रुपिमप्रक्रिया	१५ तासिका
घटकक्र .४	अर्थविन्यास (अर्थविचार)	अ) भाषिक अर्थाचे स्वरूप शब्दार्थाचे प्रकार आ) अर्थ आणि त्याचे प्रकार	१५ तासिका



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विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र . - सहावे

शैक्षणिक वर्ष - २०२२-२३
वर्ग - तृतीय वर्ष कला

विषय - मराठी व्याकरण (अभ्यासपत्रिका क्रमांक - ७)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	शब्दांचे वर्गीकरण - पारंपरिक आणि आधुनिक (शब्दांच्या जाती)	अ) विकारी जाती (सव्यय) - नाम,सर्वनाम , विशेषण आणि क्रियापद आ) अविकारी जाती (अव्यय)- क्रियाविशेषण . शब्दयोगी ,उभयान्वयी आणि केवलप्रयोगी	१५ तासिका
घटकक्र . २	विकरण (लिंग, वचन,विभक्ती,आख्यात)	अ) लिंग- पुल्लिंग ,स्त्रीलिंग आणि नपुंसकलिंग वचन - एकवचन ,अनेकवचन (बहुवचन) आ) विभक्ती ,आख्यातविचार (क्रियापद)	१५ तासिका
घटकक्र . ३	शब्दसिद्धी	अ सिद्ध शब्द - तत्सम ,तद्भव ,देशी (देशज) , परभाषीय (स्वदेशी व विदेशी) आ) साधित शब्द - उपसर्गघटित ,प्रत्ययघटित इ) सामासिक शब्द -अव्ययीभाव,तत्पुरुष ,द्वंद्व आणि बहुव्रीही समास ई) अभ्यस्त शब्द - पूर्णाभ्यस्त ,अंशाभ्यस्त आणि अनुकरणवाचक	१५ तासिका
घटकक्र . ४	प्रयोगविचार	अ) कर्तरी प्रयोग - सकर्मक कर्तरीप्रयोग व अकर्मक कर्तरी आ) कर्मणी प्रयोग - प्रधानकर्तृक ,शक्य, समापन ,प्राचीन व नवीन इ) भावे प्रयोग ई) मिश्र किंवा संकरप्रयोग - कर्तृकर्मसंकर , कर्तृभावसंकर आणि कर्मभाव संकर	१५ तासिका



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विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र . - सहावे

शैक्षणिक वर्ष - २०२२-२३
वर्ग - तृतीय वर्ष कला

विषय - भाषांतर कौशल्य (अभ्यासपत्रिका क्रमांक - ९)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	भाषांतर :सैद्धांतिक विचार	भाषांतर, अनुवाद, भावानुवाद, रुपांतर, कलांतर, माध्यमांतर, अर्वाचीनीकरण ह्यांतील स्वरूप-भेद ललित साहित्याचे भाषांतर	२५ तासिका
घटकक्र . २	भाषांतर :प्रत्यक्ष भाषांतर अभ्यास	इंग्रजी, हिंदी उतान्यांचे मराठी भाषांतर मराठी उतान्यांचेहिंदी, इंग्रजी भाषांतर	२० तासिका
घटकक्र . ३	भाषांतर :पारिभाषिकशब्द आणि कोश	मराठीतील पारिभाषिक शब्द कोशरचना, नोंदी, सूची, अकारविल्हे	१५ तासिका
घटकक्र . ४	अहवाललेखन	अभ्यासक्रमावर आधारित अहवाल लेखन	



(Signature)

विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र . - तिसरे

शैक्षणिक वर्ष - २०२२-२३
वर्ग - द्वितीय वर्ष कला

विषय - भाषा आणि बोली अभ्यास (अभ्यासपत्रिका क्रमांक -३)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	मानवी भाषेचे स्वरूप	अ) संप्रेषण- मानवाचे, मानवेत्तर इतर सजीव, भाषेत्तर संप्रेषण, भाषा लक्षणे, भाषेच्याव्याख्या आ) भाषेची कार्ये- त्रिविध कार्ये, रोमान याकोबसनने सांगितलेली सहा कार्ये	१५ तासिका
घटकक्र . २	भाषा , समाज, संस्कृती	अ) भाषा:एक सांस्कृतिक संचित, भाषिक सापेक्षतावादाचा सिद्धांत, भाषा वैविध्य, भाषेचा बहुजिनसीपणा आ) भाषा, प्रमाणभाषा आणि बोली	१५ तासिका
घटकक्र . ३	बोलीच्या अभ्यासाची गरज आणि महत्त्व	अ बोली विज्ञान, बोली भूगोल आ) मराठीच्या प्रमुख बोली इ)मालवणी व आगरी बोलीचा अभ्यास	१५ तासिका



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विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र . - चौथे

शैक्षणिक वर्ष - २०२२-२३
वर्ग - द्वितीय वर्ष कला

विषय - मराठी व्याकरण आणि लेखन कौशल्ये (स्पर्धापरीक्षा)(अभ्यासपत्रिका क्रमांक -३)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	व्याकरण	वर्णमाला, शब्दांच्या जाती, आख्यात विचार, शब्दसिद्धी, समास, प्रयोगविचार, समानार्थी - विरुद्धार्थी शब्द	१५ तासिका
घटकक्र . २	मराठी भाषा आणि आधुनिक तंत्रज्ञान	अ) मराठी भाषा आणि आधुनिक तंत्रज्ञानपरिचय, आ) मराठी विकिपिडिया, अनुदिनी लेखन, ईमेल लेखन, पॉवर पॉइंट सादरीकरण इत्यादी.	१५ तासिका
घटकक्र . ३	लेखन कौशल्ये	अ) निबंध, कल्पनाविस्तार आ) आकलन, सारांश लेखन	१५ तासिका



विभागप्रमुख (मराठी)

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मराठी विभाग

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प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी
सत्र क्र . - पहिले

शैक्षणिक वर्ष - २०२२-२३
वर्ग - प्रथम वर्ष कला

विषय - मराठी (अनिवार्य)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	'कथारंग' कथासंग्रह पुस्तक	'कथारंग' ह्या पुस्तकातील कथांचे अध्यापन	२०तासिका
घटकक्र . २	व्यावहारिक मराठी	१. मराठी लेखनाचे नियम व विरामचिन्हे २. वर्तमानपत्रांची वृत्तलेखन ३. वृत्तांतलेखन ४. अर्जलेखन ५. भाषांतर (इंग्रजीतून मराठीत)	२०तासिका



(Signature)

विभागप्रमुख (मराठी)

महाराष्ट्र शासनाचे 'इस्माईल युसूफ महाविद्यालय' जोगेश्वरी (पूर्व), मुंबई-६०.

॥ म ॥

मराठी विभाग

॥ म ॥

प्राध्यापकाचे नाव - प्रा. समीर रामचंद्र वैरागी

शैक्षणिक वर्ष - २०२२-२३

सत्र क्र . - दुसरे

वर्ग - प्रथम वर्ष कला

विषय - मराठी (अनिवार्य)

घटक क्रमांक	विषय/ शीर्षक	मुद्दे	घटक अध्यापनासाठी दिलेल्या तासिका
घटकक्र . १	'काव्यरंग' कवितासंग्रहपुस्तक	'काव्यरंग'ह्या पुस्तकातील कवितांचे अध्यापन	२०तासिका
घटकक्र . २	व्यावहारिक मराठी	१. इतिवृत्तलेखन २. वर्तमानपत्रांसाठी जाहिरातलेखन ३. उताऱ्यावरील प्रश्न (आकलन) ४. सारांशलेखन ५. निबंधलेखन	२०तासिका




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विभागप्रमुख (मराठी)

Government of Maharashtra
Ismail Yusuf College of Arts, Science & Commerce
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DEPT. OF PERSIAN
SEMESTER WISE TEACHING PLAN 2022-23


NAME OF TEACHER: -**JAVED SIDDIQUI**

SEMESTER: **I**

CLASS:-**FYBA**

SUBJECT: Persian Optional

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June	Admission Process	FY B.A Admission Process till 13th July		
July 2022	04	60	داستان های کوتاه	تعارف داستان کوتاه و اقسامها
August	15		تعارف داستان نویس، و ترجمه	در باره داستان نویس مرزا اعتصام الملک و ترجمه داستان کوتاه
September	15		نظم های فاسی و شاعرها	درباره مرزا تقی بهار، و اختصاص نظم او
October	11		ترجمه نظم، جنس، فعل، اسم، ضمیر نامه نویسی و دایلاگ	ترجمه های نظم و شرح و توضیح او، تعریف جنس، فعل، اسم، ضمیر، ما چه طور نامه نویسیم، و دایلاگها بگویم
November	06		ترجمه های داستان کوتاه که نامش نیرنگ سیاسی است	
Total	51	60		


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DEPT. OF PERSIAN
SEMESTER WISE TEACHING PLAN 2022-23


NAME OF TEACHER: -**JAVED SIDDIQUI**

SEMESTER: **III**

CLASS:-**SYBA**

SUBJECT: Persian **Paper-II**

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 2022	06	60		
July	02		تعارف داستان هما	درس درباره داستان هما که هما کیست و مرکزی کردار این داستان کو
August	10		ترجمه های داستان هما	ترجمه و توضیح های درس هما
September	08		غلام حسین سعدی معروف به گوهر مراد	تعارف غلام حسین سعدی و داستان او حسن علی
October	0			
November				
Total	20	60		


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Jogeshwari (East), Mumbai 400 060

DEPT. OF PERSIAN
SEMESTER WISE TEACHING PLAN 2022-23


NAME OF TEACHER: -JAVED SIDDIQUI

SEMESTER: V

CLASS:-TYBA

SUBJECT: Persian Paper-IV, VI, IX

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 2022	07	60	ترجمه‌های درس داستان سرباز سربی و توضیح های او	ترجمه‌های درس داستان سرباز سربی و توضیح های او
July	06		ترجمه درس	ترجمه‌های درس داستان سرباز سربی و توضیح های او
August	21		تعارف مولانا جلال الدین رومی و مثنوی های او و ترجمه‌ها و توضیحات. تعارف حافظ، و ترجمه های غزل او تعارف، ایرج مرزا و ترجمه های نظم او	درباره مولانا جلال الدین رومی و مثنوی های او و ترجمه‌ها و توضیحات. تعارف حافظ، و ترجمه های غزل او تعارف، ایرج مرزا و ترجمه های نظم او
September	19		صنایع و بدایع	تعریف های صنعت تلمیح. مرآت النظیر، تشبیه، و صنعت تضاد و غیرها.
October	18		چهار مقاله	تعارف چهار مقاله و تعارف مصنف چهار مقاله، و نیز ترجمه‌های درس
November				
Total	64		60	


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DEPT. OF PERSIAN
SEMESTER WISE TEACHING PLAN 2022-23

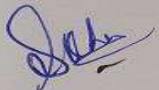
NAME OF TEACHER: -JAVED SIDDIQUI

SEMESTER: II

CLASS:-FYBA

SUBJECT: Persian Optional

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
December 01.12.2022	13		حکایات گلستان	درباره حیات شیخ سعدی شیرازی و کتابش معروف گلستان و ترجمها و توضیحا ی حکایات گلستان
January 02.01.2023	17		شعر های کتاب بوستان	تعارف کتاب بوستان سعدی و ترجمها و توضیحا ی شعر های نظم های بوستان سعدی
February	16	60	داستان کوتاه جمال زاده	تعارف داستان نگار جمالزاده، و ترجمها و توضیحا ی داستان وی که نامش فارسی شکر است
March	07		ترجمه های داستان کوتاه	ترجمه ها و توضیحات داستان نصر الله
Total	53	60		


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DEPT. OF PERSIAN
SEMESTER WISE TEACHING PLAN 2022-23


NAME OF TEACHER: -**JAVED SIDDIQUI**

SEMESTER: **IV**

CLASS:-**SYBA**

SUBJECT: Persian **Paper-III**

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
November	07	60	تعارف شاعر	تعارف و درباره زندگی شهریار
December	08		ترجمه های غزل های شهریار	ترجمه و توضیح های اشعار های شهر یار
January 04.01.2023	06		ترجمه اشعار	ترجمه های و تفصیلهای اشعار ها
February	08		درباره صنعت	تعارف صنعت و تعریف های صنعت، تلمیح، مرات النظر، صنعت تضاد و تشبیهات و غیرها
March	Exam			
Total	29	60		


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NAME OF TEACHER: -JAVED SIDDIQUI

SEMESTER: VI

CLASS:-TYB.A

SUBJECT: Persian Paper-1V, VI, IX

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
November 14.11.22	21	60	تعارف نعمت علی خان و صادق هدایت	احوال و آثار نعمت علی خان و صادق هدایت. ترجمه های داستان کوتاه صادق هدایت. ترجمه و توضیحی واقع نعمت علی و محاصرهای وی
.December	27		تعارف های شعرا، و نظمها	زندگی نامه ای، نورالدین عبد الرحمن جامی، و ترجمه و توضیحی اشعار وی. احوال عرفی شیرازی، و ترجمه و توضیحی نظم های او. نور الدین محمد بن عوفی و ترجمه های مجمع الحکایات
January 02.01.2023	30		ترجمه های شعر های فارسی	ترجمه های نظم های عبدالرحمن جامی پیرهن چاک، بسته دام ترجمه های شعر های عرفی شیرازی، مثلا سنگ فتنه ورزش و غیرها.
February	31		شعر های نادر نادرپور	احوال و آثار نادر نادر پور. و ترجمه و توضیحی نظم های وی که نامش آخرین فریب. سرودخشم و طغیان و غیرها
March	15		داستان کوتاه فارسی سعید نفیسی و صادق چوبک	درباره ای داستان نگاران و ترجمه و توضیحی داستان کوتاه خانه پدری و داستان کوتاه یحیی
Total	124	60		


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2022-23



TEACHING PLAN

Teacher's name: - Dr. Rabbani Attar

Month: - June 2022

Sr.no	Paper name and Year	Topics to be completed
1	TYBA- International Relations	I.R, International politics- definitions, scope and relevance
2		Approaches: Realism and Liberalism
3	TYBA- International and regional organizations	International Organizations: meaning, scope and nature
4		Evolution and significance


Month: - July 2022

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA- International Relations	Concepts: Power, National Interest and Balance of Power	I.R, International politics- definitions, scope and relevance
2		Cold war: Bipolarity	Approaches: Realism and Liberalism
3	TYBA- International and regional organizations	Structure of the United Nations	International Organizations: meaning, scope and nature
4		Pacific settlements of International disputes and peace keeping operations	Evolution and significance

Month: - August 2022

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA-	Post-Cold war: Unipolarity, Multipolarity and non-polarity	Concepts: Power, National Interest and Balance of Power




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2	International Relations	Types of Conflict and Changing nature of conflicts	Cold war: Bipolarity
3	TYBA- International and regional organizations	Regulation and control of nuclear technology: Role of International Atomic energy agency- IAEA	Structure of the United Nations
4		Millennium Development Goals	Pacific settlements of International disputes and peace keeping operations

Teacher's name: - Dr. Rabbani Attar

Month: - September 2022

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA- International Relations	Approaches to Peace: Arms Control, Disarmament and Collective security	Post-Cold war: Unipolarity, Multipolarity and non-polarity
2		Changing idea of security: National security and human security	Types of Conflict and Changing nature of conflicts
3	TYBA- International and regional organizations	World Health Organization, Food and Agriculture Organization	Regulation and control of nuclear technology: Role of International Atomic energy agency- IAEA
4		UNDP, UNEP	Millennium Development Goals

Month: - October 2022

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA- International Relations	Bretton Woods Institutions: IMF, World Bank and WTO.	Approaches to Peace: Arms Control, Disarmament and Collective security
2		Regional economic integration European Union	Changing idea of security: National security and human security
3		Globalization	



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4	TYBA- International and regional organizations	OECD	World Health Organization, Food and Agriculture Organization
5		OPEC	

Teacher's name: - Dr. Rabbani Attar

Month: - November 2022

Sr.no	Paper name and Year	Topics completed	
1	TYBA- International Relations	Bretton Woods Institutions: IMF, World Bank and WTO.	
2		Regional economic integration European Union	
3		Globalization	
4	TYBA- International and regional organizations	OECD	
5		OPEC	

Month: - December 2022

Sr.no	Paper name and Year	Topics to be completed	
1	TYBA- International Relations	Definition and objectives of Foreign Policy and diplomacy	
2		Diplomacy: Role, types and changing nature	
3		Determinants Of Foreign Policy with reference to India	
4	TYBA- International and regional organizations	The League of Arab	
5		Mercosur Mercado Comudel Su (Southern Common Market)	
6		African Union	

Month: - January 2023

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA- International Relations	U.S.A	Definition and objectives of Foreign Policy and diplomacy
2		Russia	Diplomacy: Role, types and changing nature



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3		China	Determinants Of Foreign Policy with reference to India
4	TYBA- International and regional organizations	North Atlantic Treaty Organization	The League of Arab
5		Shanghai Co-operation Organizations	Mercosur Mercado Comudel Su (Southern Common Market)
6		BIMSTEC	African Union

Teacher's name: - Dr. Rabbani Attar

Month: - February 2023

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA- International Relations	India and SAARC	U.S.A
2		Pakistan and Bangladesh	Russia
3			China
4	TYBA- International and regional organizations	IOR-ARC	North Atlantic Treaty Organization
5		G7	Shanghai Co-operation Organizations
6			BIMSTEC

Teacher's name: - Dr. Rabbani Attar

Month: - March 2023

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	TYBA- International Relations	India's role in UN	India and SAARC
2		India and ASEAN	Pakistan and Bangladesh
3			
4	TYBA- International and regional organizations	G8	IOR-ARC
5		BRICS	G7

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Teacher's name: - Dr. Rabbani Attar

Month: - April 2023

Sr.no	Paper name and Year	Topics completed
1	TYBA- International Relations	India's role in UN
2		India and ASEAN
3	TYBA- International and regional organizations	G8
4		BRICS



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TEACHING PLAN

Teacher's name: - Mr. Divang Podar

Month: - June 2022

Sr.no	Paper name and Year	Topics to be completed
1	FYBA- Politics	Brief history of the making of the constitution
2	SYBA- Political Theory	Definition and scope of Political theory
3	TYBA- Political Thought	Niccolo Machiavelli

Month: - July 2022

Sr.no	Paper name and Year	Topics to be completed	Topics Completed
1	FYBA- Politics	Preamble	Brief history of the making of the constitution
2		Basic features of the constitution	
3		Fundamental Rights Articles 14 to 19	
4	SYBA- Political Theory	Traditional approaches to the study of Political theory	Definition and scope of Political theory
5		Contemporary approaches to the study of Political theory	
6		State: Concept and Perspectives	
7	TYBA- Political Thought	John Locke	Niccolo Machiavelli
8		John Stuart Mill	

Month: - August 2022

Sr.no	Paper name and Year	Topics to be completed	Topics Completed
1	FYBA- Politics	Fundamental Rights Articles 20 to 32	Preamble
2		Directive Principles of state's policy	Basic features of the constitution
3		Parliament	Fundamental Rights Articles 14 to 19
4		Nation-State: Meaning and changing perceptions	Traditional approaches to the study of Political theory



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5	SYBA- Political Theory	State, Civil Society and Market	Contemporary approaches to the study of Political theory
6		Power	State: Concept and Perspectives
7	TYBA- Political Thought	John Rawls	John Locke
8		Karl Marx	John Stuart Mill

Teacher's name: - Mr. Divang Podar

Month: - September 2022

Sr.no	Paper name and Year	Topics to be completed	Topics Completed
1	FYBA- Politics	Judicial System- Original and Writ Jurisdiction	Fundamental Rights Articles 20 to 32
2		Judicial Activism	Directive Principles of state's policy
3		Union Executive- The President	Parliament
4	SYBA- Political Theory	Authority	Nation-State: Meaning and changing perceptions
5		Legitimacy	State, Civil Society and Market
6		Concept of Law	Power
7	TYBA- Political Thought	Antonio Gramsci	John Rawls
8		Simone De Beauvoir	Karl Marx

Month: - October 2022

Sr.no	Paper name and Year	Topics to be completed	Topics Completed
1	FYBA- Politics	Prime Minister and Council of Ministers	Judicial System- Original and Writ Jurisdiction
2		Local self-government	Judicial Activism
3			Union Executive- The President
4	SYBA- Political Theory	Political Obligation	Authority
5		Right to Resist	Legitimacy
6			Concept of Law
7	TYBA-	Will Kymlicka	Antonio Gramsci



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8	Political Thought	Simone De Beauvoir
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TEACHING PLAN

Teacher's name: - Ms. Neha Shaikh

Month: - June 2022

Sr.no	Paper name and Year	Topics to be completed
1	SYBA- Public Administration	Meaning, Scope and Significance
2		Evolution of Public Administration as a Discipline
3	TYBA- Politics of Modern Maharashtra	Evolution of the idea of Maharashtra
4		Nationalist movement and social reform movement
5	TYBA- Political Sociology	Weberian Approach
6		Marxian Approach

Month: - July 2022

Sr. no	Paper name and Year	Topics to be completed	Topics completed
1	SYBA- Public Administration	Public Administration in the Age of Liberalisation, Privatisation and Globalisation	Meaning, Scope and Significance
2		Scientific Management Theory - F.W. Taylor	Evolution of Public Administration as a Discipline



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3		Bureaucratic Theory-Max Weber	
4	TYBA- Politics of Modern Maharashtra	Sanyukta Maharashtra Movement	Evolution of the idea of Maharashtra
5		Konkan, Marathwada and Vidarbha	Nationalist movement and social reform movement
6	TYBA- Political Sociology	Behavioural Approach	Weberian Approach
7		Power	Marxian Approach

Teacher's name: - Ms. Neha Shaikh

Month: - August 2022

Sr. no	Paper name and Year	Topics to be completed	Topics completed
1	SYBA- Public Administration	Human Relations Theory- Elton Mayo	Public Administration in the Age of Liberalisation, Priv atisation and Globalisation
2		Hierarchy, Delegation, Centr alisation-Decentralisation	Scientific Management Theory-F.W. Taylor
3	TYBA- Politics of Modern Maharashtra	Dandekar Committee Report	Sanyukta Maharashtra Movement
4		Statutory development board	Konkan, Marathwada and Vidarbha
5		State Legislature: Composition and Functions	
6	TYBA- Political Sociology	Legitimacy	Behavioural Approach
7		Hegemony	Power
8		Elite Class	



Rabbar

Teacher's name: - Ms. Neha Shaikh

Month: - September 2022

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	SYBA- Public Administration	Motivation Theories-McGregor, McClelland	Human Relations Theory- Elton Mayo
2		Leadership Theories-Traittheory, Contingency theory	Hierarchy, Delegation, Centralisation- Decentralisation
3	TYBA- Politics of Modern Maharashtra	Chief Ministers and Council of Ministers: Role	Dandekar Committee Report
4		High court and subordinate courts	Statutory development board
5		Dominant castes	State Legislature: Composition and Functions
6	TYBA- Political Sociology	Caste	Legitimacy
7		Gender	Hegemony
8		Political culture	Elite Class

Teacher's name: - Ms. Neha Shaikh

Month: - October 2022

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	SYBA- Public Administration	Good Governance E-Governance	Motivation Theories-McGregor, McClelland
2		Public-Private Partnership(PPP)	Leadership Theories- Traittheory, Contingency theory
3	TYBA- Politics of Modern Maharashtra	Dalit Politics	Chief Ministers and Council of Ministers: Role
4		OBC Politics	High court and subordinate courts
5			Dominant castes
6		Political Socialization	Caste

Neha Shaikh



TEACHING PLAN

Teacher's name: - Ms. Hiral Mishra

Month: - June 2022

Paper name and Year	Topics to be completed
SYBA- Women's studies	Women's Studies: Meaning and origin, need and scope
	Women's Studies as an academic discipline

Month: - July 2022

Paper name and Year	Topics to be completed	Topics completed
SYBA- Women's studies	Basic concepts; Sex and gender, Patriarchy and Matriarchy, Femininity and Masculinity Gendered Socialization	Women's Studies: Meaning and origin, need and scope
	Liberal feminism	Women's Studies as an academic discipline

Month: - August 2022

Paper name and Year	Topics to be completed	Topics completed
SYBA- Women's studies	Marxist feminism	Basic concepts; Sex and gender, Patriarchy and Matriarchy, Femininity and Masculinity Gendered Socialization
	Radical Feminism	Liberal feminism

Month: - September 2022

Paper name and Year	Topics to be completed	Topics completed
SYBA-	Definition and Concepts of Violence	Marxist feminism

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Women's studies	Types of Violence, Domestic Violence and Sexual Harassment at the Workplace	Radical Feminism
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Teacher's name: - Ms. Hiral Mishra

Month: - October 2022

Paper name and Year	Topics to be completed	Topics completed
SYBA- Women's studies	Issue of Honor Killing	Definition and Concepts of Violence
	Women's role in independence movement	Types of Violence, Domestic Violence and Sexual Harassment at the Workplace

Month: - October 2022

Paper name and Year	Topics to be completed	Topics completed
SYBA- Women's studies	Women's Movement in Post-Independent India	Issue of Honor Killing
	Recent Women's Movement	Women's role in independence movement

Month: - November 2022

Paper name and Year	Topics completed
SYBA- Women's studies	Women's Movement in Post-Independent India
	Recent Women's Movement

Month: - December 2022

Paper name and Year	Topics to be completed



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SYBA- Women's studies	Concept of work with reference to women definition and valuation
	Feminization of workforce
	Feminization of workforce
	Health issues of women

Teacher's name: - Ms. Hiral Mishra

Month: - January 2023

Paper name and Year	Topics to be completed	Topics completed
SYBA- Women's studies	Family planning in India	Concept of work with reference to women definition and valuation
	Women Health policy (Janani Suraksha Yojana)	Feminization of workforce
	Women empowerment, meaning, concepts and objectives	Feminization of workforce
	Indicator of women empowerment	Health issues of women

Month: - February 2023

Paper name and Year	Topics to be completed	Topics completed
SYBA- Women's studies	Women empowerment in India issues and challenges	Family planning in India
	Protection of Women from Domestic Violence Act, 2005;	Women Health policy (Janani Suraksha Yojana)
	Sexual Harassment of Women at Workplace (Protection, Prohibition and Redressal) Act, 2013;	Women empowerment, meaning, concepts and objectives
	Personal laws, uniform civil code	Indicator of women empowerment



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Teacher's name: - Ms. Hiral Mishra

Month: - March 2023

Paper name and Year	Topics completed
SYBA- Women's studies	womenempowermentinIndiaissuesandchallenges
	ProtectionofWomenfrom DomesticViolenceAct, 2005;
	Sexual Harassment of Women at Workplace (Protection, Prohibition and Redressal) Act, 2013;
	Personal laws, uniform civil code



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TEACHING PLAN

Teacher's name: - Ms. Tanvi Rewale

Month: - November 2022

Sr.no	Paper name and Year	Topics completed
1	FYBA- Politics	Prime Minister and Council of Ministers
2		Local self-government
4	SYBA- Political Theory	Political Obligation
5		Right to Resist
6	TYBA Political Thought	Will Kymlicka


Month: - December 2022

Sr.no	Paper name and Year	Topics to be completed
1	FYBA- Politics	Centre-State Relations with reference to fiscal and emergency power
2		Demands of greater autonomy
3		Changing dynamics of Center-State relations
4	SYBA- Political Theory	Meaning and Nature of rights
5		Theories of Rights
6		Classification of rights
7	TYBA- Political Thought	Mahadev-Govind-Ranade
8		M.K Gandhi

Month: - January 2023

Sr.no	Paper name and Year	Topics to be completed	Topics Completed
1	FYBA-	National and regional parties	Centre-State Relations with reference to fiscal and emergency power-
2		Analysis of Electoral	Demands of greater autonomy




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	Politics	performance of parties since 1989	
3		Caste, Religion and gender	Changing dynamics of Center-State relations
4	SYBA- Political Theory	Liberty, Equality and Justice	Meaning and Nature of rights
5		Theories of Democracy	Theories of Rights
6		Principles of Democracy	Classification of rights
7	TYBA- Political	Rabindranath Tagore	Mahadev Govind Ranade
8	Thought	V.D Savarkar	M.K Gandhi

Teacher's name: - Ms. Tanvi Rewale

Month: - February 2023

Sr.no	Paper name and Year	Topics to be completed	Topics Completed
1	FYBA- Politics	Criminalization of Politics	National and regional parties
2		Internal threats to security	Analysis of Electoral performance of parties since 1989
3		Global Terrorism	Caste, Religion and gender
4	SYBA- Political Theory	Conditions for successful working of democracy	Liberty, Equality and Justice
5		Marxism and fascism	Theories of Democracy
6		Feminism	Principles of Democracy
7	TYBA- Political		Rabindranath Tagore
8	Thought		V.D Savarkar

Month: - March 2023

Sr.no	Paper name and Year	Topics to be completed	Topics completed
1	FYBA- Politics		Criminalization of Politics
2			Internal threats to security
3			Global Terrorism
4	SYBA- Political Theory		Conditions for successful working of democracy
5			Marxism and fascism
6			Feminism
7	TYBA Political Thought	Gopal Ganesh Agarkar	Rabindranath Tagore
8		B.R. Ambedkar	V.D Savarkar
9		Jawaharlal Nehru	



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	Rammanohar Lohia	
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Teacher's name: - Ms. Tanvi Rewale

Month: - April 2023

Sr.no	Paper name and Year	Topics completed
1	TYBA Political Thought	Gopal Ganesh Agarkar
2		B.R. Ambedkar
3		Jawaharlal Nehru
4		Rammanohar Lohia

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2021-2022



सत्यमेव जयते

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Teaching Plan

Subject: Design & Analysis of Algorithms USCS201

Class :F Y C S

Sem: II 2022-23

Faculty Name: Dr Ashwin I Mehta

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
January	Introduction to algorithms - What is algorithm, analysis of algorithm, Types of complexity, Running time analysis, How to Compare Algorithms, Rate of Growth, Types of Analysis, Asymptotic Notation, Big-O Notation, Omega- Ω Notation, Theta- Θ Notation, Asymptotic Analysis, Performance characteristics of algorithms, Estimating running time / number of steps of executions on paper, Idea of Computability.	12	
February	Introduction to Data Structures - What is data structure, types, Introduction to Array(1-d & 2-d), Stack and List data structures, operations on these data structures, advantages disadvantages and applications of these data structures like solving linear equations, Polynomial Representation, Infix-to-Postfix conversion	15	
March	Recursion - What is recursion, Recursion vs Iteration, recursion applications like Factorial of a number, Fibonacci series & their comparative analysis with respect to iterative version, Tower of Hanoi problem. Basic Sorting Techniques - Bubble, Selection and Insertion Sort & their comparative analysis		
	Searching Techniques - Linear Search and its types, Binary Search and their comparative analysis		
	Selection Techniques - Selection by Sorting, Partition-based Selection Algorithm, Finding the Kth Smallest Elements in Sorted Order & their comparative analysis		





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	String Algorithms - Pattern matching in strings, Brute Force Method & their comparative analysis		
April	Algorithm Design Techniques - Introduction to various types of classifications/design criteria and design techniques Greedy Technique - Concept, Advantages & Disadvantages, Applications, Implementation using problems like - file merging problem Divide-n-Conquer - Concept, Advantages & Disadvantages, Applications, Implementation using problems like - merge sort, Strassen's Matrix Multiplication Dynamic Programming - Concept, Advantages & Disadvantages, Applications, Implementation using problems like - Fibonacci series, Factorial of a number, Longest Common subsequence Backtracking Programming - Concept, Advantages & Disadvantages, Applications, Implementation using problems like N-Queen Problem		


Signature
Faculty member



Shelake

Co-Signature
Coordinator
Head of the Department
Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce,
Jogeshwari (East), Mumbai - 400 060.



सत्यमेव जयते

Government of Maharashtra

ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE

Jogeshwari (East), Mumbai - 400060

Teaching Plan

Subject: Design & Analysis of Algorithms USCS201

Class :F Y C S

Sem: II 2022-23

Faculty Name: Dr Ashwin I Mehta

Month	Topics to be covered	Assigned Lecture	Lectures Undertaken
January	Introduction to algorithms - What is algorithm, analysis of algorithm, Types of complexity, Running time analysis, How to Compare Algorithms, Rate of Growth, Types of Analysis, Asymptotic Notation, Big-O Notation, Omega- Ω Notation, Theta- Θ Notation, Asymptotic Analysis, Performance characteristics of algorithms, Estimating running time / number of steps of executions on paper, Idea of Computability.	12	
February	Introduction to Data Structures - What is data structure, types, Introduction to Array(1-d & 2-d), Stack and List data structures, operations on these data structures, advantages disadvantages and applications of these data structures like solving linear equations, Polynomial Representation, Infix-to-Postfix conversion	15	
March	Recursion - What is recursion, Recursion vs Iteration, recursion applications like Factorial of a number, Fibonacci series & their comparative analysis, with respect to iterative version, Tower of Hanoi problem. Basic Sorting Techniques - Bubble, Selection and Insertion Sort & their comparative analysis Searching Techniques - Linear Search and its types, Binary Search and their comparative analysis Selection Techniques - Selection by Sorting, Partition-based Selection Algorithm, Finding the Kth Smallest Elements in Sorted Order & their comparative analysis String Algorithms - Pattern matching in strings, Brute Force Method & their comparative analysis		





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ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE

Jogeshwari (East), Mumbai - 400060

April	<p>Algorithm Design Techniques - Introduction to various types of classifications/design criteria and design techniques</p> <p>Greedy Technique - Concept, Advantages & Disadvantages, Applications, Implementation using problems like - file merging problem</p> <p>Divide-n-Conquer - Concept, Advantages & Disadvantages, Applications, Implementation using problems like - merge sort, Strassen's Matrix Multiplication</p> <p>Dynamic Programming - Concept, Advantages & Disadvantages, Applications, Implementation using problems like - Fibonacci series, Factorial of a number, Longest Common subsequence</p> <p>Backtracking Programming - Concept, Advantages & Disadvantages, Applications, Implementation using problems like N-Queen Problem</p>		
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Signature
Faculty member



Schedule
Coordinator
Computer Science Department
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Signature
Ismail Yusuf College of
Head of the Department/Coordinator
Arts, Science & Commerce
Jogeshwari (East), Mumbai - 400 060.

Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Charul Singh
Class : FY

Semester: I,II.
Subject : DSA,E-Comm.

Semester Planning of Teaching

Month	Class	No. Of Lectures As Per Syllabus	Title Of Topic to be covered	No. Of Lectures as per TimeTable	Key Points of Topic
July	FY	15	Fundamentals of Digital Logic	07	Fundamentals of Digital Logic: Boolean algebra, Logic Gates, Simplification of Logic Circuits: Algebraic Simplification, Karnaugh Maps. Combinational Circuits: Adders, Mux, De-Mux, Sequential
Aug	FY	15	Circuits	08	Circuits: Flip Flops (SR, JK & D), Counters: synchronous and asynchronous Counter Computer System: Comparison of Computer Organization & Architecture, Computer Components and Functions, Interconnection Structures. Bus Interconnections, Input / Output: I/O Module, Programmed I/O, Interrupt Driven I/O, Direct Memory Access
Sep	FY	15	Memory System Organization	08	Memory System Organization: Classification and design parameters, Memory Hierarchy, Internal Memory: RAM, SRAM and DRAM, Interleaved and Associative Memory. Cache Memory: Design Principles, Memory mappings, Replacement Algorithms, Cache performance, Cache Coherence. Virtual Memory, External Memory: Magnetic Discs, Optical Memory, Flash Memories, RAID Levels Processor Organization: Instruction Formats, Instruction Sets, Addressing Modes, Addressing Modes Examples with Assembly Language [8085/8086 CPU], Processor Organization, Structure and Function. Register 15 Page 8 of 49 Organization, Basic Microprocessor operations: Data Transfer (Register / Memory) Operations, Arithmetic & Logical Operations, Instruction Cycle, Instruction Pipelining, Introduction to RISC and CISC Architecture, Instruction Level Parallelism and Superscalar Processors: Design Issues
Oct	FY	15	Control Unit		Control Unit: Micro-Operations, Functional Requirements, Processor Control, Hardwired Implementation, Micro-programmed Control. Fundamentals of Advanced Computer Architecture: Parallel Architecture: Classification of Parallel Systems, Flynn's Taxonomy, Array Processors, Clusters, and NUMA Computers. Multiprocessor Systems: Structure & Interconnection Networks, Multi-Core Computers: Introduction, Organization and Performance.
Jan	FY		Introduction to E-Commerce and E-Business.		Introduction to E-Commerce and E- Business: Definition and competing in the digital economy, Impact of E-Commerce on Business Models, Factors Driving e-commerce and e-Business Models, Economics and social impact of e-Business, opportunities and Challenges, e-Commerce vs m Commerce, Different e-Commerce Models (B2B, B2C, C2B, C2C, B2E), e-Commerce Applications: e-Trading, e-Learning, e-Shopping, Virtual Reality & Consumer



				<p>Experience, Legal and Ethical issues in e-Commerce. Overview of Payment systems: Types of Electronic payment schemes (Credit cards, Smartcards, Internet banking), E checks, E-Cash Concepts, applications of EDI and Limitation Introduction & origin of Digital Marketing. Traditional v/s Digital Marketing. Digital Marketing Strategy. The P-O Framework, Segmenting & Customizing Messages, The Digital landscape. Digital Advertising Market in India. Skills required in Digital Marketing. Digital Marketing Plan.</p>
Feb	FY	15	Social Media Marketing, Content Marketing	<p>Social Media Marketing: Meaning, Purpose, types of social media websites, Social Media Engagement. Target audience, Facebook Marketing: Business through Facebook Marketing, Creating Advertising Campaigns, 15 Page 48 of 49 Adverts, Facebook Marketing Tools, LinkedIn Marketing: Importance of LinkedIn Marketing, Framing LinkedIn Strategy, Lead Generation through LinkedIn, Content Strategy, Analytics and Targeting, Twitter Marketing: Framing content strategy, Twitter Advertising Campaigns, YouTube Marketing: Video optimization, Promoting on YouTube, Monetization, YouTube Analytics Email Marketing: Types of Emails, Mailing List, Email Marketing tools, Email Deliverability & Email Marketing automation Mobile Marketing: Introduction, Mobile Usage, Mobile Advertising, Mobile Marketing Types, Mobile Marketing Features, Mobile Campaign Development, Mobile Advertising Analytics Content Marketing: Introduction, Content marketing statistics, Types of Content, Types of Blog posts, Content Creation, Content optimization, Content Management & Distribution, Content Marketing Strategy, Content creation tools and apps, Challenges of Content Marketing.</p>
March	FY	15	Search Engine Optimization, marketing, Buying Models.	<p>Search Engine Optimization: Meaning, Common SEO techniques, Understanding Search Engines, basics of Keyword search, Google rankings, Link Building, Steps to optimize website, On-page and off-page optimization Search Engine Marketing: Introduction to SEM, Introduction to Ad Words - Google Ad Words, Ad-Words fundamentals, Ad Placement, Ad Ranks, Creating Ad Campaigns, Campaign Report Generation, Display marketing, Buying Models: Cost per Click (CPC), Cost per Milli (CPM), Cost per Lead (CPL), Cost per Acquisition (CPA). Web Analytics: Purpose, History, Goals & objectives, Web Analytic tools & Methods. Web Analytics Mistakes and Pitfalls. Google Analytics: Basics of Google Analytics, Installing Google Analytics in website, Parameters of Google Analytics, Reporting and Analysis</p>

Chauhan
Signature Of Teacher



Schubert
Computer Science Department
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Jogeshwari (East), Mumbai - 400 060.

Name Of the Teacher
Class : S

Cash Concepts and Digital Marketing P-O-E-M

Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Charul Singh

Semester: III,IV

Class : SY

Subject : DS,GT,TOC,CN.

Semester Planning of Teaching

Month	Class	No. Of Lectures As Per Syllabus	Title Of Topic to be covered	No. Of Lectures as per TimeTable	Key Points of Topic
Jun	SY	15	Abstract Data Type:	5	Abstract Data Type: Different Data Types, different types of data structures & their classifications. Introduction to ADT, Creating user-specific ADT Linked Structures. ADT for linked list, Advantages & Disadvantages, Singly Linked List-Traversing, Searching, Prepending and Removing Nodes, applications of linked list like polynomial equation Stacks: Stack ADT for Stack, Advantages & Disadvantages, Applications of stack like balanced delimiter, prefix to postfix notation. Queues: Queue ADT, Advantages & Disadvantages, linked representations. Circular Queue operations. Dequeues, applications of queue like job scheduling queues
July	SY	15	Doubly Linked list:	10	Doubly Linked list: ADT of doubly linked list, Advantages & Disadvantages, Insertion and deletion of nodes at various positions Trees: ADT for Tree Structure, Advantages & disadvantages, Binary Tree-Properties, Implementation and Traversals, Binary Search Tree, Balanced BST, Threaded Binary Trees, AVL Trees, Applications of Tree like Huffman Coding, Priority Queues & Heaps: Priority Queue, Priority Queue ADT, Advantages and Disadvantages, Applications, Heaps, types of heaps, Heapifying the element,
Aug	SY	15	Graph	15	Graph: Introduction, Graph ADT, Advantages and Disadvantages, Graph Representation using adjacency matrix and adjacency list, Graph operations like insertion and deletion of nodes, Graph Traversals using BFS & DFS, Applications of Graphs like shortest path algorithms, Hashing: Hash Table ADT, Advantages & Disadvantages, Concept of hashing, hash table, hash functions, collision, collision avoidance techniques, Applications of hashing
Jun	SY	15	Green IT Fundamentals	05	Green IT Fundamentals: Information Technology and Environment, Business, Environment, and Green Enterprise Characteristics, Green Vision and Strategic Points, Green Value, Green IT Opportunity, Challenges of a Carbon Economy, Environmental Intelligence, Envisioning the Green Future.
July	SY		Green IT Strategies	10	Green IT Strategies: Green strategic alignment, Green IT Drivers-Cost, Regulatory and Legal, Sociocultural and Political, Business ecosystem, New market opportunities, Green IT Business Dimensions, KPIs in Green Strategies Environmentally Responsible Business, Developing ERBS, Policies, Practices, and Metrics, Mobility and Environment, Green It Metrics and Measurements, Green IT Readiness and CNM, Context Sensitivity and Automation in Green IT Measures Green Assets: Introduction, Green Assets, Green IT Hardware, Green Data Centers and ICT Equipment, Server and Data Strategy:
Aug	SY	15	Green Assets and emerging Trends	15	Green Assets and emerging Trends: Data Servers Optimization and Virtualization, Physical Data Server Organization and Cooling, Cloud Computing and Data Centers, Networking and Communications Infrastructure, End-User Devices, Smart Meters in Real-Time, Managing Devices for Central Green Services, Devices and Organizational Boundaries for Measurements, Mobile Devices, and Sustainability Green Business Process Management: Introduction, Green Reengineering, Green Process, Green BPM and standards, Green Business Analysis, Green Requirements Modelling, Green IT Governance, Green Business Process and Applications, QoS, Achieving green BPM, Green Mobile Business Process, Digital Library Green Enterprise Architecture: Green IT and organizational Systems, Aspects of Green Solutions Architecture, Contents and Integration with Service-Oriented Architecture, Green Supply Chain Management, Green Portals in Green Enterprise Architecture, Environmental Intelligence.
Sep	SY	15	Green Information Systems(GIS)		Green Information Systems(GIS): Design and Development Models: Describing GIS, GIS Requirements Sociocultural Aspects of Green IT: Green IT's Social Impact, Learning Organization, Green Social Stakeholders, Role-Based View of Green IT, Green User Practices, Attitude and Subjectivity in Green IT.



Signature Of Teacher
Chaudhary

07	Defining Automaton, Finite Automaton, Transitions and Its properties, Acceptability by Finite Automaton, Nondeterministic Finite State Machines, DFA and NFA equivalence, Mealy and Moore Machines	Automata Theory	15	SY				
08	Minimizing Automata, Mealy and Moore Machines, Minimizing Automata, Turing Grammar, Recursive Enumerable Sets, Operations on Languages, Languages and Automata Regular and Languages, Recursive Enumerable Sets, Operations on Languages, Languages and Automata Regular Grammar, Regular Expressions, Finite automata and Regular Expressions	Automata Theory	15	SY				
09	Pumping Lemma and its Applications, Closure Properties, Regular Sets and Regular Grammar Context-free Languages, Derivation Tree, Ambiguity of Grammar, CFG simplification, Normal Forms, Pumping Lemma for CFG.	Regular Sets and Regular Grammar	15	SY				
10	Definitions, Acceptance by PDA, PDA and CFG, The Linear Bound Automata Model, Linear Bound Automata and Languages	1) Context Free Languages 2) Pushdown Automata 3) Linear Bound Automata 4) Turing Machines	15	SY				
11	The Church-Turing thesis, Universal Turing Machine, Halting Problem, Introduction to Unsolvable Problems.	Undecidability		SY				
12	Introduction: Networking standards and Administrations, networks, network types - LAN, MAN, WAN, Network Models: The OSI model, TCP/IP protocol suite, Introduction to Physical layer: Data and signals, periodic analog signals, digital signals, transmission impairment, data rate limits, performance, Digital transmissions: Digital-to-analog conversion, analog-to-analog conversion, transmission modes: Analog transmissions: digital-to-analog conversion, analog-to-analog conversion, Bandwidth Utilization - Multiplexing and Spectrum spreading: Multiplexing, Spread Spectrum Transmission media: Guided Media, Unguided Media Switching: Introduction, Circuit Switched Network, Packet Switching	Introduction	15	SY				
13	Introduction to Data Link Layer: Link layer addressing, Data Link Layer Design Issues, Error detection and correction: -Block coding, cyclic codes, checksum, forward error correction, error correcting codes, error detecting codes. Data Link Control: DLC services, data link layer protocols, HDLC, Point-to-point protocol, Media Access Control: Random access, controlled access, channelization, Wired LANs - Ethernet: Ethernet Network, standard Ethernet, fast Ethernet, SONET, ATM/Wireless LANs: Introduction, IEEE 802.11 project, Bluetooth, WiMAX, Cellular telephony: Satellite networks Introduction to Network Layer: Network layer services, packet switching, network layer performance, IPv4 addressing, forwarding of IP packets, Network Layer Protocols : Internet Protocol, ICMPv4, Mobile IP	Data Link Layer	15	SY				
14	Graphics, Animations, and Integrating Media in Android. Interacting With Camera Gathering Location Data: 1) Managing Background Tasks. 2) Deploying Android applications on Google Play		15	SY				
15	Unicast Routing: Introduction, routing algorithms, unicast routing protocols, Next generation IP: IPv6 addressing, IPv6 protocol, ICMPv6 protocol, transition from IPv4 to IPv6, Introduction to the Transport Layer: Transport Layer Protocol, User Datagram Protocol, Transmission Control Protocol, SCTP, Introduction to Application Layer: Client Server Programming, Iterative Programming, Standard Client-Server Protocols: WWW, HTTP, FTP, Electronic Mail, TELNET, Secure Cell, DNS, SNMP Quality of Service: Data Flow to improve QoS, Flow control to improve QoS, Integrated service (Intserv), Differentiated Service(DiffServ).		15	SY				



Name Of
Class

Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Charul Singh

Semester: V&VI

Class : TY

Subject : INS,EH.

Semester Planning of Teaching

Month	Class	No. Of Lectures As Per Syllabus	Title Of Topic to be covered	No. Of Lectures as per TimeTable	Key Points of Topic
June	TY	15	Introduction	05	Introduction: Security Trends, The OSI Security Architecture, Security Attacks, Security Services,
July	TY		Cryptography and RSA.	10	Security Mechanisms Classical Encryption Techniques: Symmetric Cipher Model, Substitution Techniques, Transposition Techniques, Steganography, Block Cipher Principles, The Data Encryption Standard, The Strength of DES, AES (round 15 Page 10 of 63 details not expected), Multiple Encryption and Triple DES, Block Cipher Modes of Operation, Stream Ciphers Public-Key Cryptography and RSA: Principles of Public-Key Cryptosystems, The RSA Algorithm
Aug	TY	15	Key Management	15	Key Management: Public-Key Cryptosystems, Key Management, Diffie Hellman Key Exchange Message Authentication and Hash Functions: Authentication Requirements, Authentication Functions, Message Authentication Codes, Hash Functions, Security of Hash Functions and Macs, Secure Hash Algorithm, HMAC Digital Signatures and Authentication: Digital Signatures, Authentication Protocols, Digital Signature Standard Authentication Applications: Kerberos, X.509 Authentication, Public-Key Infrastructure
Sep	TY	15	Electronic Mail Security	15	Electronic Mail Security: Pretty Good Privacy, S/MIME IP Security: Overview, Architecture, Authentication Header, Encapsulating Security Payload, Combining Security Associations, Key Management Web Security: Web Security Considerations, Secure Socket Layer and Transport Layer Security, Secure Electronic Transaction Intrusion: Intruders, Intrusion Techniques, Intrusion Detection Malicious Software: Viruses and Related Threats, Virus Countermeasures, DDOS Firewalls: Firewall Design Principles, Types of Firewalls



Jan	TY	15	Introduction, Scanning and Enumeration.	15	Introduction: Terminology, Hacking Technology Types, Ethical Hacking Phases, Hacktivism, Hacker Classes, Skills Required for an Ethical Hacker, Vulnerability Research, Ways to Conduct Ethical Hacking, Footprinting: Definition, Information Gathering Methodologies, Competitive Intelligence, DNS Enumeration, Whois and ARIN Lookups, Types of DNS Records, Traceroute in Footprinting, E-Mail Tracking, Social Engineering: Common Types Of Attacks Scanning and Enumeration: Port Scanning, Network Scanning, Vulnerability Scanning, CEH Scanning Methodology, Ping Sweep Techniques, Nmap Command Line Switches, SYN, Stealth, XMAS, NULL, 15 Page 48 of 63 IDLE, FIN Scans, Anonymizers, HTTP Tunneling Techniques, IP Spoofing Techniques, SNMP Enumeration, Steps Involved in Enumeration
Feb	TY	15	System Hacking, Hacking Web Servers.	15	System Hacking: Password-Cracking Techniques, Types of Password Cracking Tools, Keyloggers and Other Spyware Technologies, Escalating Privileges, Rootkits Sniffers: Protocols Susceptible to Sniffing, Active and Passive Sniffing, ARP Poisoning, MAC Flooding, DNS Spoofing Techniques, Sniffing Countermeasures Denial of Service: Types of DoS Attacks, Working of DoS Attacks, BOTs/BOTNETs, "Smurf" Attack, "SYN" Flood, Flooding, DoS/DDoS Countermeasures Session Hijacking: Spoofing vs. Hijacking, Types, Sequence Prediction, Steps, Prevention Hacking Web Servers: Web Server Vulnerabilities, Attacks against Web Servers, Patch Management Techniques, Web Server Hardening
March	TY	15	Web Application Vulnerabilities, Penetration Testing Methodologies.	15	Web Application Vulnerabilities: Web Application Hacking, Web Application Threats, Google Hacking, Countermeasures Web-Based Password Cracking Techniques: Authentication Types, Password Cracking Countermeasures SQL Injection: Steps, SQL Server Vulnerabilities, Countermeasures Buffer Overflows: Types, Stack-Based Buffer Overflows, Mutation Techniques Wireless Hacking: WEP, WPA Authentication Mechanisms, and Cracking Techniques, Wireless Sniffing, Rogue Access Points, Wireless Hacking Techniques, Securing Wireless Networks Penetration Testing Methodologies: Methodologies, Steps, Automated Tools, Pen-Test Deliverables

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P. Shilpate
Signature
Coordinator
Computer Science Department
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Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Snehlata Agarwal

Semester: V,VI

Class : TY

Subject : Artificial intelligent , Information retrieval

Semester Planning of Teaching

Month	Class	Assigned Lecture	Lectures Taken	Topic to be covered	Key Points of Topic
June	TY	15	1	Introduction to AI and Intelligent Agents What Is AI	Foundations, History and State of the Art of AI
July	TY		14 9	1) Intelligent Agents 2) Problem Solving by searching 3) Practical from 1 to 2 4) Knowledge Representation	1) Agents and Environments, Nature of Environments, Structure of Agents. 2) Problem-Solving Agents, Uninformed Search Strategies, Informed (Heuristic) Search Strategies 3) Knowledge Representation and different forms,
Aug	TY	15	8	Reasoning, and Machine Learning 1) Knowledge Representation	1) Reasoning, Planning, Uncertainty in Knowledge Fuzzy Logic & Fuzzification
Sep			12	and Reasoning 2) Practical from 3 to 5	
Oct	TY	15	7 8	Machine Learning Probabilistic Models, Unsupervised Learning, and Reinforcement Learning	Forms of Learning, Parametric & Non-Parametric Models, Classification, Regression, Regularization, Decision Trees, SVM, Artificial Neural Networks, Ensemble Learning, Boosting, K-NN, Gradient Descent <u>UNIT 2</u> Statistical Learning, Learning with Complete Data, Naive Bayes Classifier, Learning with Hidden Variables: The EM Algorithm



			2) Practical from 6 to 8	
Nov	TY	15	15 3	1) Unsupervised Learning 2) Reinforcement learning 3) Practical 9 and 10
Dec	TY			1) Concept of Unsupervised learning, Association Rule Mining 2) Concept of Reinforcement learning, Q-Learning, Hidden Markov Model
	TY			Revision for Lect and Practical
Jan	TY	15	2	1) Introduction to Information Retrieval (IR) systems 2) Document Indexing, Storage, and Compression
			15	Definition and goals of information retrieval, Components of an IR system, Challenges and applications of IR 1) Inverted index construction and compression techniques, Document representation and term weighting, Storage and retrieval of indexed documents,
Feb				1) Retrieval Models 2) Boolean model: Boolean operators, query processing, Vector space model: TF-IDF, cosine similarity, query-document matching, Probabilistic model: Bayesian retrieval, relevance feedback
March	TY	15	9	2) Correction in IR Systems 3) Performance Evaluation 4) Practical from 1 to 4
				3) Challenges of spelling errors in queries and documents, Edit distance and string similarity measures, Techniques for 15 Page 42 of 63 spelling correction in IR systems 4) Evaluation metrics: precision, recall, F-measure, average precision, Test collections and relevance judgments, Experimental design and significance testing
April	TY	15	15	1) Text Categorization and Filtering 2) Text Clustering
				1) Text classification algorithms: Naive Bayes, Support Vector Machines, Feature selection and dimensionality reduction, Applications of text categorization and filtering 2) Clustering techniques: Kmeans, hierarchical clustering,



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		9	<p>for Information Retrieval</p> <p>3)Web Information Retrieval</p> <p>4)Learning to Rank</p> <p>5)Link Analysis and its Role in IR Systems</p> <p>6)Crawling and Near-Duplicate Page Detection</p> <p>1) Practical from 5 to 7</p>	<p>Evaluation of clustering results, Clustering for query expansion and result grouping</p> <p>3)Web search architecture and challenges, Crawling and indexing web pages, Link analysis and PageRank algorithm</p> <p>4)Algorithms and Techniques, Supervised learning for ranking: RankSVM, RankBoost, Pairwise and listwise learning to rank approaches Evaluation metrics for learning to rank</p> <p>5)Web graph representation and link analysis algorithms, HITS and PageRank algorithms, Applications of link analysis in IR systems 6)Web page crawling techniques: breadth-first, depth-first, focused crawling, Near-duplicate page detection algorithms, Handling dynamic web content during crawling</p>
TY	15	15 12	<p>1)Advanced Topics in IR</p> <p>2)Cross-Lingual and Multilingual Retrieval</p> <p>3) User-based evaluation</p> <p>4) Practical from 8 to 10</p>	<p>1) 2)Text Summarization: extractive and abstractive methods, Question Answering: approaches for finding precise answers, Recommender Systems: collaborative filtering, content-based filtering</p> <p>3) Challenges and techniques for cross-lingual retrieval, Machine translation for IR, Multilingual document representations and query translation, Evaluation Techniques for IR Systems</p> <p>4)user studies, surveys, Test collections and benchmarking, Online evaluation methods: A/B testing, interleaving experiments</p>
TY			<p>Revision, Practical Exam, Theory exam, Paper Assessment and Result</p>	

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Department of Computer Science A.Y. 2022-23
Semester wise Plan

Semester: III,IV

Name Of the Teacher: Snehlata Agrawal

Class : SY

Subject : Advanced Database Program, Advanced Application Development

Semester Planning of Teaching



Month	Class	Assigned Lecture	Lectures Taken	Topic to be covered	Key Points of Topic
June	SY	15	1	Overview of PL/SQL	What is PL/SQL, Advantages of PL/SQL, Features of PL/SQL, Architecture of PL/SQL etc.
July	SY	15	14	1) Fundamentals of PL/SQL 2) Control Statements 3) Sequences 4) Stored Procedures and Functions 5) Triggers 6) Practical from 1 to 4	1) Character Sets, Lexical Units, Declarations, References to Identifiers, Scope and Visibility of Identifiers, Assigning Values to Variables, Expressions, Error-Reporting Functions, Data Types 2) Conditional Selection Statements, LOOP Statements, Sequential Control Statements, GOTO, and NULL Statements. 3) creating sequences, referencing, altering, and dropping a sequence. 4) Procedures: Tips and benefits of stored procedures, creating stored procedures, executing stored procedures, altering stored procedures, viewing stored procedures, Functions: Calling function and recursion function. 5) Overview of Triggers, implementing triggers – creating triggers, Insert, delete, and update triggers, nested triggers, viewing, deleting, and modifying triggers, and enforcing data integrity through triggers.
Aug	SY	15	15	1) Packages 2) Transaction Management 3) Crash Recovery	1) Overview of a Package: Need of Packages, Package Specification, Package Body, Package Installation and Initialization 2) ACID Properties, Serializability, Two-phase Commit Protocol, Concurrency Control, Lock Management, Lost Update Problem, Inconsistent Read Problem, Read-Write Locks, Deadlocks Handling, Two Phase Locking protocol 3) ABARES algorithm: The log-based recovery, recovery related structures like transaction and dirty page table, Write-ahead log protocol, check points, recovery from a system crash, Redo and Undo phases
Sept	SY	15	9	1) Collections and Records 2) Error Handling 3) Cursors 4) Static and Dynamic SQL 1) Practical from 9 to 12	1) Associative Arrays, Varrays (Variable-Size Arrays), Nested Tables, Collection Constructors, Assigning Values to Collection Variables, Multidimensional Collections, Collection Comparisons, Collection Methods, Collection Types Defined in Package Specifications, Record Variables, Assigning Values to Record Variables 2) Compile-Time Warnings, Overview of Exception Handling, Internally Defined Exceptions, Predefined Exceptions, User-Defined Exceptions, Redefined Predefined Exceptions, Raising Exceptions Explicitly, Exception Propagation, Unhandled Exceptions 3) Overview of Cursor: Types of cursors, Invalid cursor Exception.

					4) Description of Static SQL, Cursors Overview, Processing Query Result Sets, Cursors, Variables, CURSOR Expressions, Transaction Processing and Control, Autonomous Transactions, Native Dynamic SQL, DBMS, SQL Package, SQL Injection.
Oct	SY				
Nov	SY	15	8	Node.js	Introduction to Node.js, Installing Node.js, The package.json File, The Node.js Event Loop, The I/O Cycle, The Anatomy of a Node.js Module.
Dec	SY	15	7 5 6	1) Node.js 2) MongoDB 3) Server-Side e Development with Express 4) Practical from 1 to 2	Creating Node Modules, Exploring the Node.js HTTP Module, Creating an HTTP Webserver with Node.js, Responding to HTTP Requests, Routing in Node.js, Creating a Sample Node.js Application Introduction to MongoDB, Installing MongoDB, Using MongoDB Compass, Using Mongo Shell Interface, Connecting to MongoDB, Creating Schemas and Models, Querying Documents Using find(), Inserting Documents Using create(), Updating Documents Using findOneAndUpdate(), Deleting Documents Using findOneAndDelete() & deleteMany()
Jan	SY	15	2 9	1) Server-Side e Development with Express 2) Practical from 3 to 7	Introduction to the Express Framework, Installing and Testing Express, Creating a Node.js Express App, Restructuring an Express App, Creating Templates, Using Express Middleware Functions, Creating the List Page, Creating the Details Page, Creating the Edit Page, Creating the Add Page, Deleting Data, REST API Basics
Feb	SY	15	2 3	1) Internal Exam 2) Understanding AngularJS(A) 3) Understanding Flutter 4) Dart 5) Programming Practical from 8 to 11	Getting Started with Angular, Creating an Angular Application, Angular Project File Structure, Anatomy of an Angular Component, One-way Data Binding, Two-way Data Binding, Using NgIf Directive, Using NgFormOf Directive, Angular Modules, Creating NgModules Using Angular Router, Configuring Templates, Creating Navigations, Working with Template-driven Forms, Working with Reactive Forms, Validating Form Data, Services Dependency Injection (DI), Reading Data from Database, Inserting Data into Database, Updating Data in the Database, Delete Data from Database. Importance of Flutter, Flutter Framework, Android Studio, Flutter SDK, Installing and Configuring Flutter SDK



		5	1)Flutter Widgets Fundamentals	ScrollView Widget, Image Widget, Container Widget, Column and Row Widgets, Text Widget, Layouts in Flutter, Card Widget, Hot Reload and Hot Restart, Scaffold and Stateless Widgets
March	SV	15	2)Navigation and Routing	Button Widget, App Structure and Navigation, Navigate to a New Screen and Back, Navigate with Named Routes, Send and Return Data among Screens, Animate a Widget across Screens, WebView Widget in Flutter
March	SV	5	3) Practical from 12	
March	SV	3	4)Practical Exam	
April	SV		Theory exam , Paper Assessment and Result	

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Signature Of Teacher



Coordinator
Computer Science Department

Governor of Maharashtra

Is. Bhabha Department

Arts, Science & Commerce

Jogeshwan (East), Mumbai - 400042



Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Snehlata Agarwal

Semester: I,II

Class : FY

Subject : Programming with Python-I, Advanced Python Programming

Semester Planning of Teaching

Month	Class	Assigned Lecture	Lectures Taken	Topic to be covered	Key Points of Topic
June	FY				
July	FY	15	7	1) Overview of Python 2) Data Types, Variables and Other Basic Elements	History & Versions, Features of Python, Execution of a Python Program, Flavours of Python, Innards of Python, Python Interpreter, Memory Management in Python, Garbage Collection in Python, Comparison of Python with C and Java, Installing Python, Writing and Executing First Python Program, Getting Help, IDLE Comments, Docstrings, Data types- Numeric Data type, Compound Data Type, Boolean Data type, Dictionary, Sets, Mapping, Basic Elements of Python, Variables
Aug	FY		4 4 9 9	1) Input and Output Operations 2) Control Statements 3) Practical from 1 to 4 4) Operators 5) Practical from 5 to 7	Input Function, Output Statements, The print() function, The print("string") function, The print(variables list) function, , The print(object) function, The print(formatted string) function, Command Line Arguments The if statement, The if ... else Statement, The 'if ... elif ... else' Statement, Loop Statement- while loop, for loop, Infinite loop, Nested loop, The else suite, break statement, continue statement, pass statement, assert statement, return statement Arithmetic operators, Assignment operators, Unary minus operator, Relational operators, Logical operators, Bitwise operators, Membership operators, Identity operators, Precedence of Operators, Associativity of Operators
Sep	FY	15	15 9	1) Arrays 2) Functions 3) Modules 4) Practical from 5 to 8	1) Creating Arrays, Indexing and Slicing of Arrays, Basic Array Operations, Arrays Processing, Mathematical Operations on Array, Aliasing Arrays, Slicing and Indexing in NumPy Arrays, Basic slicing, Advanced Indexing, Dimensions of Arrays, Attributes of an Array, The ndim Attribute, The shape Attribute, The size Attribute, The itemsize Attribute 2): Function definition and call, Returning Results, Returning Multiple Values from a Function, Built-in Functions, Difference between a Function and a Method, Pass Value by Object Reference, Parameters and Arguments, Formal and Actual Arguments, Positional Arguments, Keyword Arguments, Default Arguments, Arbitrary



					Arguments, Recursive Functions, Anonymous or Lambda Functions, Using Lambda with the filter() Function, Using Lambda with the map() Function, Using Lambda with the reduce() Function 3) Introduction to Modules in Python
Oct	FY	15	15 9	1) Strings 2) List and Tuples 3) Dictionaries 4) Practical from 8 to 10	Creating Strings, Functions of Strings, Working with Strings, Length of a String, Indexing and Slicing, Repeating and Concatenating Strings, Checking Membership, Comparing Strings, Removing Spaces, Finding Substrings, Counting Substrings, Immutability, Splitting and Joining Strings, Changing Case, Checking Starting and Ending of a String, Sorting Strings, Searching in the Strings, Testing Methods, Formatting Strings, Finding the Number of Characters and Words, Inserting Substrings into a String 2) Lists, List Functions and Methods, List Operations, List Slices, Nested Lists, Tuples, Functions in Tuple 3) Creating a Dictionary, Operators in Dictionary, Dictionary Methods, Using for Loop with Dictionaries, Operations on Dictionaries, Converting Lists into Dictionary, Converting Strings into Dictionary, Passing Dictionaries to Functions, Sorting the Elements of a Dictionary using Lambda, Ordered Dictionaries
Nov	FY			Practical Exam	
Dec	FY	15	4	Working with files	Files, opening and closing a file, working with text files containing strings, knowing whether a file exists or not, working with binary files, the 'with' statement, the seek() and tell() methods, random accessing of binary files, zipping and unzipping files, working with directories, running other programs from python program
Jan	FY		11 9	1) Regular expressions 2) Threads in python 3) Date and time in python 4) Practical from 1 to 4	1) What is a regular expression?, sequence characters in regular expressions, quantifiers in regular expressions, special characters in regular expressions, using regular expression on files, retrieving information from an html file, 2) Difference between process and thread, types of threads, benefits of threads, creating threads, single tasking and multitasking, thread synchronization, deadlock in threads, daemon threads 3) Date and time now, combining date and time, 15 Page 32 of 49 formatting dates and times, finding durations using "time delta", comparing two dates, sorting dates, stopping execution temporarily, knowing the time taken by a program, calendar module
Feb	FY	15	15 9	1) Database in python 2) Exceptions in python 3) Networking 4) Graphical user interface 5) OOPs in python 6) Practical from 5 to 7	1) Using SQL with python, retrieving rows from a table, inserting rows into a table, deleting rows from a table, updating rows in a table, creating database tables through python, Exception handling in databases. 2) Errors in a python program, compile & run-time errors, logical error, exceptions-exception handling, types of exceptions, the except block, the assert statement, user-defined exceptions, logging the exceptions 3) Protocols, server-client architecture, tcp/ip and udp communication

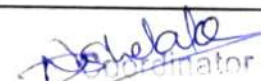


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					4)Creating a GUI in python, Widget classes, Working with Fonts and Colours, working with Frames, Layout manager, Event handling 5)Features of Object Oriented Programming system (oops)-classes and objects, encapsulation, abstraction, inheritance, polymorphism, constructors and destructors
March	FY	15	15 9	1)Classes and objects 2)Inheritance and polymorphism 3)Abstract classes and interfaces 4) Practical from 8 to 10	2)Creating a class, the self-variable, types of variables, namespaces, types of methods, instance methods, class methods, static methods, passing members of one class to another class, inner classes 3)Inheritance in python, types of inheritance-single inheritance, multilevel inheritance, hierarchical inheritance, multiple inheritance, constructors in inheritance, overriding super class constructors and methods, the super() method, method resolution order (mro), polymorphism, duck typing, operator overloading, method overloading, method overriding, 4)Abstract class, abstract method, interfaces in python, abstract classes vs. Interfaces
April	FY			Practical Exam, Theory exam, Paper Assessment and Result	

Signature Of Teacher




Coordinator
Computer Science Department
Government of Maharashtra's
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Arts, Science and Commerce,
Jogeshwari (East), Mumbai - 400 060.

Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Sybal Dias

Semester: V,VI

Class : TY

Subject : Linux Administration system, Cloud computing

Semester Planning of Teaching

Month	Class	Assigned Lecture	Lectures Taken	Topic to be covered	Key Points of Topic
June					
July	FY	15	5 9	Introduction Single-Host Administration Networking and Security Practical 1-3	Technical Summary of Linux Distributions, Managing Software Managing Users and Groups, Booting and shutting down processes. File Systems, Core System Services, Process of configuring, compiling, Linux Kernel TCP/IP for System Administrators, basic network Configuration, Linux Firewall (Netfilter), System and network security
Aug	FY	15	13 9	Internet Services Practical 4-6	Domain Name System (DNS), File Transfer Protocol (FTP), Apache web server, Simple Mail Transfer Protocol (SMTP), Post Office Protocol and Internet Mail Access Protocol (POP and IMAP), Secure Shell (SSH), Network authentication system (Kerberos), Domain Name Service (DNS), Security
Sep	FY	15	9 9	Internet Services Practical 7-8	Network File System (NFS), Samba, Distributed File Systems (DFS), Network Information Service (NIS)
Oct	FY	15	9		Lightweight Directory Access Protocol (LDAP), Dynamic Host configuration Protocol (DHCP), MySQL, LAMP Applications, File Services, Email Services, Chat applications, Virtual Private Networking.
Nov	FY			Practical Exam	
Dec				Exams	
Jan		15	15 9	Cloud Computing Basics Web Services – Virtualization:- Practical 1-2.	Distributed Computing, Parallel Computing, WSDL structure, SOAP- Structure of SOAP Message (In JAX-WS), SOAP Messaging Architecture, SOAP Header, Client-side SOAP Handler, REST What is REST? HTTP methods, Java API for RESTful Web Services (JAXRS) Characteristics of Virtualized Environments.. Pros and Cons of Virtualization. Virtualization using KVM, Creating virtual machines, oVirt - management tool for virtualization environment



Feb		15	15 9	<p>Introduction to Cloud Computing: Cloud Computing Software Security fundamentals Practical 3-4</p>	<p>Definition, Types of Clouds, Deployment of software solutions and web applications, Types of Cloud Platforms, Essential characteristics – On demand self-service, Broad network access, Location independent resource pooling, Rapid elasticity, Measured service, Comparing cloud providers with traditional IT service providers Cloud Information Security Objectives, Confidentiality, Integrity, Availability, Cloud Security Services, Relevant Cloud Security Design Principles, Secure Cloud Software Requirements, Secure Development practices, Approaches to Cloud Software Requirement Engineering, Cloud Security Policy Implementation.</p>
March		15	15 9	<p>Cloud Applications CloudSim: AWS: Practical 6-8</p>	<p>Introduction to Simulator, understanding CloudSim simulator, CloudSim Architecture(User code, CloudSim, GridSim, SimJava) Understanding Working platform for CloudSim, OpenStack: Introduction to OpenStack, OpenStack test-drive, Basic OpenStack operations, OpenStack CLI and APIs, Tenant model operations, Quotas, Private cloud building blocks, Controller deployment, Networking deployment, Block Storage deployment, Compute deployment, deploying and utilizing OpenStack in production environments, Building a production environment, Application orchestration using OpenStack Heat Architecting on AWS, Building complex solutions with Amazon Virtual Private Cloud (Amazon VPC).</p>
April			<p>Practical Exam, Theory exam, Paper Assessment and Result</p>		



Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Sybal Dias

Semester: I,II

Class : FY

Subject : Linux Operating System ,Introduction to OOPs using C++

Semester Planning of Teaching

Month	Class	Assigned Lecture	Lectures Taken	Topic to be covered	Key Points of Topic
June					
July	FY	15	5 9	1)Linux operating system and Basics 2)Basic Bash shell commands 3)Practical from 1 to 3	History, GNU Info and Utilities, Various Linux Distributions, The Unix/Linux architecture, Features of Unix/Linux, Starting the shell, Shell prompt, Command structure, File Systems and Directory Structure, man pages, more documentation pages General purpose utility Commands, basic commands, Various file types, attributes and File handling Commands, Handling Ordinary Files. More file attributes
Aug	FY	15	13 9	1)Advanced Bash shell commands 2)The Linux environment variable 3)Understanding Linux file permission 4)Linux Security 5)Practical from 4 to 6	Simple Filters, Filters using regular expressions. Setting, Locating and removing environment variables like PATH etc, Default shell environment variables, Using command alias Linux security, Using Linux groups, Decoding file permissions, Changing security setting, Sharing files. Understanding Linux Security, uses of root, sudo command, working with passwords, Understanding ssh.
Sep	FY	15	9 9	1)Networking 2)Working with Editors 3)Basic script building 4) Practical from 6 to 9	TCP/IP Basics, TCP/IP Model, Resolving IP addresses, Applications, ping, telnet, ftp, DNS awk, sed and Introduction to vi. Using multiple commands, Creating script files, Displaying messages, Using variables, Redirecting Input and Output, Pipes performing math. Exiting the script.
Oct	FY	15	9	1) Using structured commands 2)Script and Process control	Working with if-then, if-then-else and nested if statements, test command, Compound condition testing, while command, until command, case command. Handling signals, Running scripts in background mode, Running scripts without a console, Job control, Job scheduling commands: ps, nice, renice, at, batch, cron table, Running the script at boot
	FY			Practical Exam	
				1)Introduction to Programming Concepts	Object oriented programming paradigm, basic concepts of object oriented programming, benefits of object oriented programming, object oriented languages, applications of object oriented programming.
Jan		15	15 9	1) Data Types, Data Input Output and Operators 2)Unified Modeling Language (UML)	Tokens-keywords, identifiers, constants-integer, real, character and string constants, backslash constants, features of C++ and its basic structure, simple C++ program without class, compiling and running C++ program.



				<p>3) Arrays and Strings</p> <p>4) Classes, Abstraction & Encapsulation</p> <p>5) Practical from 1 to 6</p>	<p>Basic data types, variables, rules for naming variables, programming constants, the type cast operator, implicit and explicit type casting, cout and cin statements, operators, precedence of operators.</p> <p>Decision Making, Loops, Conditional statements-If, If...else, switch loops- while, do...while, for, types of arrays and string and string manipulations</p> <p>Introduction to UML & class diagrams.</p> <p>Classes and objects, Dot Operator, data members, member functions, passing data to functions, scope and visibility of variables in function.</p>
Feb		15	15 9	<p>1) Constructors and Destructors</p> <p>2) Working with objects</p> <p>3) Modeling Relationships In Class Diagrams</p> <p>4) Practical from 6 to 10</p>	<p>Constructors and Destructors: Default constructor, parameterized constructor, copy constructor, private constructor, destructors. Accessor - mutator methods, static data and static function, access specifiers, array of objects.</p> <p>Polymorphism - Binding-static binding & overloading, constructor overloading function overloading, operator overloading, overloading unary and binary operators.</p> <p>Association, Aggregation-Composition and examples covering these principles</p>
March		15	15 9	<p>1) Inheritance</p> <p>2) Modelling</p> <p>3) Relationships</p> <p>4) Pointers</p> <p>5) File Handling</p> <p>6) Applying OOP to solve real life applications</p> <p>7) Practical from 10 to 14</p>	<p>Defining base class and its derived class, access specifiers, types of inheritance-single, multiple, hierarchical, multilevel, hybrid inheritance, friend function and friend class, constructors in derived classes.</p> <p>Generalization-Specialization and examples covering these principles</p> <p>Run time Polymorphism - Dynamic Binding, Function overriding, virtual function, pure virtual function, virtual base class, abstract class.</p> <p>Introduction to pointers, * and & operators, assigning addresses to pointer variables, accessing values using pointers, pointers to objects & this pointer, pointers to derived classes</p> <p>File Stream classes, opening and closing file-file opening modes, text file handling, binary file handling.</p> <p>Applying OOP to solve real life applications: To cover case studies like library management, order management etc. to design classes covering all relationships</p>
April			Practical Exam, Theory exam, Paper Assessment and Result		

[Signature]

Signature Of Teacher



[Signature]

Head Of Department

Coordinator

Computer Science Department

Government of Maharashtra's

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Jogeshwari (East), Mumbai - 400 042.

Department of Computer Science A.Y. 2022-23
Semester wise Plan

Name Of the Teacher: Sybal Dias

Semester: III,IV

Class : SY

Subject : Java,Android.

Semester Planning of Teaching

Month	Class	No. Of Lectures As Per Syllabus	Title Of Topic to be covered	No. Of Lectures as per TimeTable	Key Points of Topic
June	SY	15	Introduction,Java Tokens. OOPS.	5	Introduction: History, Features of Java, Java Development Kit, Java Application Programming Interface, Java Virtual Machine Java Program Structure, Java Tokens. OOPS: Introduction, Class, Object, Static Keywords, Constructors, this keyword, Inheritance.
July	SY		Access specifiers Exception Handling.	10	Inner class, Anonymous Inner class, super keyword, Polymorphism (overloading and overriding). Abstraction, Encapsulation, Abstract Classes, Interfaces Packages: Introduction to predefined packages, User Defined Packages, Access specifiers Exception Handling: Introduction, Pre-Defined Exceptions, try-catch finally, throws, throw, User Defined Exceptions Multithreading: Thread Creations, Thread Life Cycle, Life Cycle Methods, Synchronization, wait() notify() notify all() methods
Aug	SY	15	Collection Framework	15	Collection Framework: Introduction, java.util Package interfaces, List, Set, Map, List interface & its classes, Set interface & its classes, Map interface & its classes. 15 Page 18 of 51 Introduction to JFC and Swing- Features of the Java Foundation Classes, Swing API Components, JComponent Class, Windows, Dialog Boxes, and Panels, Labels, Buttons, Check Boxes, Menus, Toolbars, Implementing Action interface, Pane, JScrollPane, Desktop pane, Scrollbars, Lists and Combo Boxes, Text-Entry Components, Colors and File Choosers, Tables and Trees, Printing with 2D API and Java Print Service API. Event Handling: Delegation Event Model, Events, Event classes, Event listener interfaces, Using delegation event model, adapter classes. JDBC: Introduction, JDBC Architecture, JDBC Drivers, JDBC Connectivity Model, java.sql package, Using Statement, PreparedStatement, CallableStatement, ResultSet, Scrollable and Updatable ResultSet, Navigating and manipulating data, ResultSetMetaData, Managing Transactions in JDBC, JDBC Exception classes, BLOB & CLOB
Sep	SY	15	Servlets	15	Servlets: Introduction, Servlet Life Cycle, Types of Servlet, Servlet Configuration with Deployment Descriptor, Working with ServletContext and ServletConfig Object, Attributes in Servlet., Response and Redirection using Request Dispatcher and using sendRedirect Method, Filter API, Manipulating Responses using Filter API, Session Tracking: using Cookies, HttpSession, Hidden Form Fields and URL Rewriting,Types of Servlet Event: ContextLevel and SessionLevel. Java Server Pages (JSP): Introduction to JSP , Comparison with Servlet, JSP Architecture, JSP Life Cycle, JSP Scripting Elements, JSP Directives, JSP Action, JSP Implicit Objects, JSP Expression Language, JSP Standard Tag Libraries, JSP Custom Tag, JSP Session Management, JSP Exception Handling, JSP CRUD Applications JSON: Overview, Syntax, DataTypes, Objects, Schema, Comparison with XML., JSON with Java
DEC	SY	15	1) Introduction to Kotlin Advanced Concepts in Kotlin 2) App Development with Android Studio:	8	Collections in Kotlin, Mutable and Immutable Collections, Ranges, type Checks, casting concept, this expression, Null safety, exception handling, annotations. Android Architecture, Android Application Framework, Android Virtual Device, Creating and running First Android Application, working with Physical Android Device, Adding Kotlin Files in Android Studio.
Jan	SY	15	1) Basics Of Android 2) Designing Android		Application Components: Activities, Intent, and Broadcast Receiver, Services, Fragment, Activity Life Cycle, Content Provider, Widgets, and Notifications.



			<p>3) UI Handle Images, ListView And Menu</p> <p>4) Data binding in Android</p> <p>5) Implementing Data Persistence</p>		<p>User Interface (UI), Layout and Its Types, Layout Attribute, working with Views, Android UI Controls, Styles and Themes, Event Handler, setting up themes in Manifest and from the application, dialog in activity, using intents, fragments. ImageView, ImageSwitcher, ListView, Menu, and its types. Designing menu in XML, Option menu, Context menu, popup menu, Screen Navigation, RecyclerView, Interaction of Views AdapterView, Spinner, Gallery view, AutotextCompleteView, screen orientation, Design The View Dynamically.</p> <p>Data Storage-Shared Preference, Internal And External Storage Storing Data Using SQLite Databases, Content Provider, Firebase Real-Time Data.</p>
Feb	SY	15	<p>1) Graphics, Animations, and Integrating Media in Android.</p> <p>2) Interacting With Camera</p> <p>3) Gathering Location Data: 1) Managing Background Tasks. 2) Deploying Android applications on Google Play</p>	15	<p>Drawable Class, Animation in Android, MediaPlayer API and in Android, MediaPlayer and AudioManager Class.</p> <p>Android Camera, Input gestures-multiple touch, swipe, drag, scroll, zoom, Recording.</p> <p>Broadcast Receivers, Services, Threads and Process, AsyncTask, JobScheduler, Manage device Awake State.</p> <p>Publishing/Deploy the application, Versioning, signing Application.</p>
March	SY	15	<p>Search Engine Optimization, marketing, Buying Models.</p>	15	<p>Search Engine Optimization: Meaning, Common SEO techniques, Understanding Search Engines, basics of Keyword search, Google rankings, Link Building, Steps to optimize website, On-page and off-page optimization Search Engine Marketing: Introduction to SEM, Introduction to Ad Words - Google Ad Words, Ad Words fundamentals, Ad Placement, Ad Ranks, Creating Ad Campaigns, Campaign Report Generation, Display marketing, Buying Models: Cost per Click (CPC), Cost per Milli (CPM), Cost per Lead (CPL), Cost per Acquisition (CPA). Web Analytics: Purpose, History, Goals & objectives, Web Analytic tools & Methods. Web Analytics Mistakes and Pitfalls. Google Analytics: Basics of Google Analytics, Installing Google Analytics in website, Parameters of Google Analytics, Reporting and Analysis</p>

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Signature Of Teacher



Dr. J. K. Jadhav
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Head Of Department

Coordinator
Computer Science Department
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 Ismail Yusuf College Jogeshwari (E),
 Mumbai-400 060

Department of Chemistry

T.Y.B.Sc. Sem-V

Paper III *June-2022*

Lecture Plan

Sr. No.	Week	Syllabus Details	Method Used
1.	1 Week	Unit 1 : Mechanism of Organic Reactions ❖ Thermodynamic and Kinetic control of organic reactions: ❖ Concept with mechanisms of the following reactions: 1) Addition of HX to butadiene; 2) Sulfonation of naphthalene. ❖ Nucleophilicity/ electrophilicity vs Basicity/acidity.	Chalk & Board
2.	2 Week	❖ Mechanism of elimination reactions, with stereochemistry: E ₁ and E ₂ reactions: regioselectivity (Saytzeff and Hofmann rules). ❖ Mechanism of reactions of carbonyl compounds with nucleophiles: Formation of acetals/ketals from aldehydes and ketones. ❖ Reaction of aldehydes and ketones with primary and secondary amines	Chalk & Board
3.	3 Week	❖ Acyl nucleophilic substitution (tetrahedral mechanism): Acid catalysed esterification of Carboxylic acids and base promoted hydrolysis of esters. ❖ Mechanism of rearrangements with examples and stereochemistry wherever applicable. ❖ Migration to electron deficient carbon: Pinacol, Benzylic acid.	Chalk & Board
4.	4 Week	❖ Mechanism of rearrangements with examples and stereochemistry wherever applicable ❖ Migration to electron deficient nitrogen: 1) Beckmann, 2) Hofmann. ❖ Mechanism of the following reactions with synthetic application: 1) Claisen condensation and 2) Michael addition.	Chalk & Board
5.	5 Week	Unit II: Stereochemistry ❖ Molecular chirality and element of symmetry: Mirror Plane symmetry (inversion centre), rotation-reflection (alternating) axis, ❖ Chirality of compounds without stereogenic centre: 1) Cummulenes, 2) Spirans and 3) Biphenyls.	Chalk & Board



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6.	6 Week	<ul style="list-style-type: none"> ❖ Stability of cycloalkanes: Strains in cycloalkanes-angle, eclipsing, transannular (3 to 8 membered). ❖ Conformations of cyclohexane, mono- and di- alkyl cyclohexanes and their relative stabilities. ❖ Stereo selectivity and Stereo specificity: Idea of enantioselectivity (ee) and diastereoselectivity (de). ❖ Topicity-enantiotopic and diastereotopic atoms, groups and faces. 	Chalk & Board
7.	7 Week	<ul style="list-style-type: none"> ❖ Stereochemistry of- <ol style="list-style-type: none"> (1) Substitution reactions- SN^1, SN^2, SN^i (reaction of alcohol with thionyl chloride). (2) E_2-anti-elimination-Base induced dehydrohalogenation of 1-bromo-1,2-diphenylpropane. 	Chalk & Board
7	8 Week	<ul style="list-style-type: none"> ❖ Stereochemistry of- Addition reactions to olefins- <ol style="list-style-type: none"> (1) Catalytic hydrogenation (2) Bromination (electrophilic anti addition) (3) Syn-hydroxylation (molecular addition) with OsO_4 and $KMnO_4$. 	Chalk & Board
9	9 Week	<p>Unit III: Carbohydrates</p> <ul style="list-style-type: none"> ❖ Introduction: Classification, Sources, Reducing and non-reducing sugars DL notation. ❖ Structures of monosaccharides: Fischer projection (4-6 carbon III monosaccharides and Haworth formula-Furanose and pyranose forms of pentoses and hexoses. Interconversion :open and Haworth forms of monosaccharides with 5 and 6 carbons. ❖ Chair conformation with stereochemistry of D-glucose and D-fructose. Stability of chair forms of D-glucose. 	Chalk & Board
10	10 Week	<ul style="list-style-type: none"> ❖ Determination of open chain configuration- of D-glucose assuming the configuration of D-arabinose; and of D-fructose assuming the configuration of D-glucose. ❖ Anomers and epimers of monosaccharides. Enantiomers and diastereomers of glucose. Mutarotation (with mechanism) in D-glucose.Chain lengthening and shortening reaction: Modified kiliani-fischer synthesis. Wohl method. 	Chalk & Board
11	11 Week	<ul style="list-style-type: none"> ❖ Reactions of D-glucose and D fructose: <ul style="list-style-type: none"> ○ osazone formation ○ reduction- H_2/Ni, $NaBH_4$ ○ oxidation bromine water, HNO_3, HIO_4. ○ interconversion of D-glucose and D-fructose ○ acetylation ○ methylation [e and f with cyclic pyranose form]. ❖ Commercial importance of carbohydrates in pharmaceutical, paper, food and Textile industries. 	Chalk & Board



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12	12 Week	<ul style="list-style-type: none"> ❖ IUPAC systematic and accepted trivial nomenclature of the following classes of compounds, including substituted ones (up to 2 substituents/functional groups): (1) Bicyclic compounds- spiro-, fused, and bridged (upto 11 carbon atoms)-saturated and unsaturated compounds. (2) Biphenyls. (3) Cummulenes upto 3 double bonds (4) Monocyclic (5 and 6 membered) aromatic and non-aromatic heterocyclic compounds containing a maximum of two hetero atoms among N,O,S. 	Chalk & Board
13	13 Week	<p>Unit IV: (a) Heterocyclic Chemistry</p> <ul style="list-style-type: none"> ❖ Introduction: Electronic structure and aromaticity of furan, pyrrole, thiophene and pyridine. ❖ Synthesis: Synthesis of furans, 1 pyrroles, and thiophenes by Paal-Knor synthesis. Pyridines by Hantzsch synthesis and from 1,5-diketones. ❖ Reactivity: Reactivity towards electrophilic substitution reactions- of furan, pyrrole and thiophene on basis of stability of intermediate; and of pyridine on the basis of electron distribution. ❖ Nucleophilic substitution reaction of pyridine on the basis of electron distribution. 	Chalk & Board
14	14 Week	<ul style="list-style-type: none"> ❖ Reactions of heterocycles: The following reactions of furan, pyrrole and thiophene: Halogenation, Nitration, Sulphonation, Vilsmeier formylation reaction, Friedel-Crafts reaction. ❖ Furan: Diels-Alder reaction. Ring opening of furan. ❖ Pyrrole: Acidity and basicity of pyrrole -Comparison of basicity of pyrrole and pyrrolidine, Acid catalyzed polymerization of pyrrole. ❖ Pyridine: Basicity. Comparison of basicity of pyridine, pyrrole and piperidine. Sulphonation of pyridine, with and without catalyst. Reduction. Oxidation of alkyl pyridines and action of sodamide (Chichibabin reaction). N methylation of pyridine. ❖ Quaternization of piperidine, pyrrolidine and Hofmann elimination of the quaternary salts. 	Chalk & Board
15	15 Week	<p>(b) Organic Synthesis</p> <ul style="list-style-type: none"> ❖ Introduction: Criteria for ideal organic synthesis. Yield and selectivity. ❖ Multi- component synthesis – with examples, Mannich reaction, Hantzsch synthesis of pyridines (without mechanism). ❖ Illustrative synthesis of industrially important compounds: Ibuprofen (chiral synthesis), paracetamol (green synthesis), L ascorbic acid (from D-glucose), norfloxacin, 	Chalk & Board



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16	<ul style="list-style-type: none">❖ Illustrative synthesis of industrially important compounds: thyroxine, vanillin, methyl dihydrojasmonate (Hedione), Bifenox-I, pigment red 242, indigo, 2 hydroxy-3-amino-5-nitrobenzene sulphonic acid❖ Newer methods of organic synthesis: Introduction to the use of the following in organic synthesis: Ultrasound, microwaves, PTC.	
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Name of the Teacher

Dr. Dattatraya Bhangre

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Ismail Yusuf College Jogeshwari (E),
Mumbai-400 060

Department of Chemistry
T.Y.B.Sc. Sem-V Paper IV *JUNE-2022* Lecture Plan

Sr. No.	Week	Syllabus Details	Method Used
1.	1 Week	<ul style="list-style-type: none"> ❖ Unit 1 : Treatment of analytical data-I and sampling ❖ Treatment of Analytical Data <ul style="list-style-type: none"> a) Types of errors, b) Determinate and indeterminate errors, c) Minimization of errors, d) Constant and proportionate errors, e) Accuracy and precision, 	Chalk & Board
2.	2 Week	<ul style="list-style-type: none"> ❖ Treatment of Analytical Data ❖ Measures Of Dispersion And Central Tendency: <ul style="list-style-type: none"> a) Mean, b) Median, c) Average Deviation, d) Relative Average Deviation, e) Standard Deviation, f) Variance, g) Coefficient of Variation. h) Numerical 	Chalk & Board
3.	3 Week	<ul style="list-style-type: none"> ❖ Sampling ❖ Terms involved, importance of sampling, ❖ Sampling techniques, ❖ Sampling of gases, <ul style="list-style-type: none"> a) Ambient and stack sampling, b) Equipment used, c) Sampling of homogeneous and heterogeneous liquids, d) Sampling of static and flowing liquids, e) Methods and equipments used. 	Chalk & Board
4.	4 Week	<ul style="list-style-type: none"> ❖ Sampling ❖ Sampling of solids, <ul style="list-style-type: none"> a) Importance of particle size and sample size, b) Samples used, c) Need for the reduction in the sample size, d) Methods of reduction in sample size, e) Collection, f) Preservation and dissolution of the sample. 	Chalk & Board



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5.	5 Week	Unit II: Titrimetric analysis-I and UV- Visible spectroscopy. ❖ Acid-base Titrations ❖ Construction of titration curves and choice of indicators in the titration of [1] strong acid and strong base, [2] strong acid and weak base,	Chalk & Board
6.	6 Week	❖ Construction of titration curves and choice of indicators in the titration of [3] weak acid and strong base, [4] weak acid and weak base.	Chalk & Board
7.	7 Week	❖ Precipitation titrations ❖ Argentimetric titrations, ❖ construction of the titration curve, ❖ Volhard's method, Mohr's method, ❖ Adsorption indicators, ❖ Theory and applications.	Chalk & Board
7	8 Week	Visible Spectroscopy ❖ Photometers and spectrophotometers, ❖ Instrumentation in the case of single and double beam spectrophotometers, ❖ Qualitative and quantitative analysis, calibration curve method.	Chalk & Board
8	9 Week	Unit III Methods of separation-I Solvent Extraction a) Partition Coefficient And Distribution Ratio, b) Extraction Efficiency, c) Separation Factor, d) Role Of Complexing Agents In Solvent Extraction	Chalk & Board
9	10 Week	Solvent Extraction ❖ Chelation ❖ Ion Pair Formation ❖ Solvation ❖ Types Of Solvent Iii Extraction: (1) Batch, (2) Continuous.	Chalk & Board



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10	11 Week	Chromatography ❖ Introduction to chromatographic techniques, ❖ Classification of chromatographic techniques.	Chalk & Board
11	12 Week	Planar Chromatography ❖ Principle, ❖ techniques and applications of [1] Paper chromatography [2] Thin layer chromatography	Chalk & Board
12	13 Week	Unit IV: Optical methods Atomic Spectroscopy ❖ Absorption and emission spectra, ❖ Energy level diagrams, ❖ Process involved in atomization, ❖ Flame photometry, ❖ Flame atomizer, ❖ Types of burners, ❖ monochromators and detectors, ❖ atomic absorption spectroscopy;	Chalk & Board
13	14 Week	❖ Flame and Electrothermal Atomizer, ❖ Sources, ❖ Instrumentation, ❖ Quantitative Applications Of Atomic Absorption And Flame Photometry, ❖ Calibration Curve Method, Standard Addition And Internal Standard Method	Chalk & Board
14	15 Week	Molecular Fluorescence and Phosphorescence Spectroscopy ❖ Theory, ❖ Instrumentation and ❖ Applications	Chalk & Board
15	16 Week	Turbidimetry and Nephelometry ❖ Scattering of light, ❖ Effect of concentration, ❖ Particle size and wavelength on light scattering, Instrumentation and applications.	



Name of the Teacher

Pranod Vishwakarma

Government of Maharashtra
Ismail Yusuf College Jogeshwari (E),
Mumbai-400 060

Department of Chemistry

M.Sc. Part II

Organic Chemistry P-I *Aug-2022*

Lecture Plan

Sr. No.	Week	Syllabus Details	Method Used
1.	1 Week	Unit 1 : Organic reaction mechanisms <ul style="list-style-type: none"> ➤ Organic reactive intermediates, methods of generation, structure, stability and important reactions involving carbocations, nitrenes, carbenes, arynes and ketenes. 	Chalk and Board
2.	2 Week	<ul style="list-style-type: none"> ➤ Organic reactive intermediates, methods of generation, structure, stability and important reactions ketenes. ➤ Neighbouring group participation: Mechanism and effects of anchimeric assistance, NGP by unshared/ lone pair electrons, π-electrons, aromatic rings, σ-bonds with special reference to norbornyl and bicyclo[2.2.2]octyl cation systems (formation of non-classical carbocation) 	Chalk and Board
3.	3 Week	<ul style="list-style-type: none"> ➤ Role of FMOs in organic reactivity: Reactions involving hard and soft electrophiles and nucleophiles, ambident nucleophiles, ambident electrophiles, the α effect. ➤ Pericyclic reactions: Classification of pericyclic reactions; thermal and photochemical reactions. ➤ Three approaches: Evidence for the concertedness of bond making and breaking 	Chalk and Board
4.	4 Week	<ul style="list-style-type: none"> ➤ Evidence for the concertedness of bond making and breaking Symmetry-Allowed and Symmetry-Forbidden Reactions – The Woodward-Hoffmann Rules-Class by Class <ol style="list-style-type: none"> 1. The generalised Woodward-Hoffmann Rule 2. Explanations for Woodward-Hoffmann Rules The Aromatic Transition structures [Huckel and Mobius] 3. Frontier Orbitals 4. Correlation Diagrams, FMO and PMO approach 5. • Molecular orbital symmetry, Frontier orbital of ethylene, 1,3 butadiene, 1,3,5 hexatriene and allyl system. 	Chalk and Board



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5.	5 Week	<p>Unit II : Pericyclic reactions</p> <ul style="list-style-type: none"> ➤ Cycloaddition reactions: Supra and antra facial additions, $4n$ and $4n+2$ systems, $2+2$ additions of ketenes. ➤ Diels-Alder reactions, 1, 3-Dipolar cycloaddition and cheletropic reactions, ene reaction, retro-Diels-Alder reaction, regioselectivity, periselectivity, torquoselectivity, site selectivity and effect of substituents in Diels-Alder reactions. 	Chalk and Board
6.	6 Week	<ul style="list-style-type: none"> ➤ Other Cycloaddition Reactions- [4+6] Cycloadditions, Ketene Cycloaddition, Allene Cycloadditions, Carbene Cycloaddition, Epoxidation and Related Cycloadditions. ➤ Other Pericyclic reactions: Sigmatropic Rearrangements, Electrocyclic Reactions, Alder 'Ene' Reactions. 	Chalk and Board
7.	7 Week	<ul style="list-style-type: none"> ➤ Electrocyclic reactions: Conrotatory and disrotatory motions, $4n\pi$ and $(4n+2)\pi$ electron and allyl systems. ➤ Sigmatropic rearrangements: H-shifts supra and antarafacial migrations, retention and inversion of configurations. 	Chalk and Board
8.	8 Week	<ul style="list-style-type: none"> ➤ Sigmatropic rearrangements: C-shifts, supra and antarafacial migrations, retention and inversion of configurations. migrations, retention and inversion of configurations. ➤ Cope (including oxy Cope and aza-Cope) and Claisen rearrangements. ➤ Formation of Vitamin D from 7-dehydro cholesterol, synthesis of citral using pericyclic reaction, conversion of Endiandric acid E to Endiandric acid A. 	Chalk and Board
9.	9 Week	<p>Unit III Stereochemistry-I</p> <ul style="list-style-type: none"> ➤ Classification of point groups based on symmetry elements with examples (nonmathematical treatment). ➤ Conformational analysis of medium rings: Eight and nine membered rings and their unusual properties, I-strain, transannular reactions. 	Chalk and Board



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9	10 Week	<ul style="list-style-type: none"> ➤ Conformational analysis of medium rings: Ten membered rings and their unusual properties, I-strain, transannular reactions. ➤ Stereochemistry of fused ring and bridged ring compounds: decalins, hydrindanes, perhydroanthracenes, steroids, and Bredt's rule. 	Chalk and Board
10	11 Week	<ul style="list-style-type: none"> ➤ Anancomeric systems, Effect of conformation on reactivity of cyclohexane derivatives in the following reactions (including mechanism): (1) <ul style="list-style-type: none"> • Electrophilic addition, • Elimination, • Molecular rearrangements, of cyclohexanones (with LiAlH₄, selectride and MPV reduction) and • Oxidation of cyclohexanols. 	Chalk and Board
11	12 Week	<p>Unit IV Photochemistry</p> <ul style="list-style-type: none"> ➤ Principles of photochemistry: quantum yield, electronic states and transitions, selection rules, modes of dissipation of energy (Jablonski diagram), electronic energy transfer: photosensitization and quenching process. 	Chalk and Board
12	13 Week	<ul style="list-style-type: none"> ➤ Photochemistry of carbonyl compounds: $\pi \rightarrow \pi^*$, $n \rightarrow \pi^*$ transitions, ➤ Norrish- Norrish-II cleavages, ➤ Paterno-Buchi reaction. 	Chalk and Board
13	14 Week	<ul style="list-style-type: none"> ➤ Photoreduction, calculation of quantum yield, photochemistry of enones, ➤ photochemical rearrangements of α, β-unsaturated ketones and cyclohexadienones ➤ . Photo Fries rearrangement, Barton reaction. 	Chalk and Board
14	15 Week	<ul style="list-style-type: none"> ➤ Photochemistry of olefins: cis-trans isomerizations, dimerizations, hydrogen abstraction, addition and Di-π-methane rearrangement including aza-di-π-methane. ➤ Photochemical Cross-Coupling of Alkenes, Photodimerisation of alkenes. ➤ Photochemistry of arenes: 1, 2-, 1, 3- and 1, 4-additions. Photocycloadditions of aromatic Rings. Singlet oxygen and photo-oxygenation reactions. ➤ Photochemically induced Radical Reactions. Chemiluminescence. 	Chalk and Board



Name of the Teacher

Dr. Dattatraya Bhengare

Government of Maharashtra
Ismail Yusuf College Jogeshwari (E),
Mumbai-400 060

M.Sc. Part II Department of Chemistry Organic Chemistry (Paper II) *June-2022* Lecture Plan

Sr. No.	Week	Syllabus Details	Method Used
1.	1 Week	Unit 1 : Name reactions with mechanism and application <ul style="list-style-type: none"> • Mukaiyama esterification, • Mitsunobu reaction, • Darzen's Glycidic Ester synthesis, • Ritter reaction, • Yamaguchi esterification, 	Chalk and Board
2.	2 Week	<ul style="list-style-type: none"> • Peterson olefination. • Domino reactions: Characteristics; Nazarov cyclization 	Chalk and Board
3.	3 Week	<ul style="list-style-type: none"> • Multicomponent reactions: • Strecker Synthesis, • Ugi 4CC, • Biginelli synthesis, • Hantzsch synthesis 	Chalk and Board
4.	4 Week	<ul style="list-style-type: none"> • Multicomponent reactions: Pictet-Spengler synthesis • Click Reactions: Characteristics; Huisgen 1,3-Dipolar Cycloaddition 	Chalk and Board
5.	5 Week	Unit II : Radicals in organic synthesis <ul style="list-style-type: none"> ➤ Introduction: Generation, stability, reactivity and structural and stereochemical properties of free radicals, Persistent and charged radicals, Electrophilic and nucleophilic radicals.. 	Chalk and Board
6.	6 Week	<ul style="list-style-type: none"> ➤ Radical Initiators: azobisisobutyronitrile (AIBN) and dibenzoyl peroxide. ➤ Characteristic reactions - Free radical substitution, addition to multiple bonds. Radical chain reactions, Radical halogenation of hydrocarbons (Regioselectivity), radical cyclizations, autoxidations: synthesis of cumene hydroperoxide from cumene. 	Chalk and Board
7.	7 Week	<ul style="list-style-type: none"> ➤ Radicals in synthesis: Inter and intra molecular C-C bond formation via mercuric hydride, tin hydride, thiol donors. Cleavage of C-X, C-Sn, C-Co, C-S, O-O bonds. ➤ Oxidative coupling, C-C bond formation in aromatics: SRNAr reactions. 	Chalk and Board



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8.	8 Week	<ul style="list-style-type: none"> ➤ Hunsdiecker reaction, ➤ Pinacol coupling, ➤ McMurry coupling, ➤ Sandmeyer reaction, ➤ Acyloin condensation. 	Chalk and Board
9.	9 Week	<p>Unit III Enamines, Ylides and α-C-H functionalization</p> <ul style="list-style-type: none"> ➤ Enamines: Generation & application in organic synthesis with mechanistic pathways, Stork enamine reaction. ➤ Reactivity, comparison between enamines and enolates. ➤ Synthetic reactions of enamines including asymmetric reactions of chiral enamines derived from chiral secondary amines. 	Chalk and Board
10.	10 Week	<ul style="list-style-type: none"> ➤ Phosphorus, Sulfur and Nitrogen Ylides: Preparation and their synthetic applications along with their stereochemical aspects. 	Chalk and Board
11.	11 Week	<ul style="list-style-type: none"> ➤ Wittig reaction, ➤ Horner-Wadsworth-Emmons Reaction, ➤ Barton-Kellogg olefination.. 	Chalk and Board
12.	12 Week	<ul style="list-style-type: none"> ➤ α-C-H functionalization: By nitro, sulfoxide, sulfone and phosphonate groups: generation of carbanions by strong bases (LDA/n-butyl lithium) and applications in C-C bond formation. ➤ Bamford-Stevens reaction, ➤ Julia olefination and its modification, ➤ Seyferth-Gilbert homologation, ➤ Steven's rearrangement. 	
13.	13 Week	<p>Unit IV : Metals / Non-metals in organic synthesis</p> <ul style="list-style-type: none"> ➤ Mercury in organic synthesis: Mechanism and regiochemistry of oxymercuration and demercuration of alkenes, mercuration of aromatics, transformation of aryl mercurials to aryl halides. ➤ Organomercurials as carbene transfer reagents. 	Chalk and Board
14.	14 Week	<ul style="list-style-type: none"> ➤ Organoboron compounds: Mechanism and regiochemistry of hydroboration of alkenes and alkynes, asymmetric hydroboration using chiral boron reagents, 9-BBN hydroboration, oxazaborolidine (CBS catalyst) and functional group reduction by diborane. 	Chalk and Board



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15.	15 Week	<ul style="list-style-type: none">➤ Organosilicons: Salient features of silicon governing the reactivity of organosilicons, preparation and important bond-forming reactions of alkyl silanes, alkenyl silanes, aryl silanes and allyl silanes. β-silyl cations as intermediates. Iodotrimethylsilane in organic synthesis.	Chalk and Board
16.	16 Week	<ul style="list-style-type: none">➤ Silyl enol ethers: Application: As nucleophiles (Michael reaction, Mukaiyama aldol reaction), in ring contraction reactions.➤ Organotin compounds: Preparation of alkenyl and allyl tin compounds; application in C-C bond formation, in replacement of halogen by H at the same C atom.➤ Selenium in organic synthesis: Preparation of selenols/selenoxide, selenoxide elimination to create unsaturation, selenoxide and seleno acetals as α-C-H activating groups	Chalk and Board

Name of the Teacher

Ankran Taksande



Government of Maharashtra
Ismail Yusuf College Jogeshwari (E),
Mumbai-400 060

M.Sc. Part II

Department of Chemistry
Organic Chemistry (Paper III) *June-2022*

Lecture Plan

Sr. No.	Week	Syllabus Details	Method Used
1.	1 Week	Unit 1 : Natural products-I Carbohydrates: <ul style="list-style-type: none"> ❖ Introduction to naturally occurring sugars: Deoxysugars, aminosugars, branched sugars. ❖ Structure elucidation of lactose and D glucosamine (synthesis not expected). ❖ Structural features and applications of inositol, starch, cellulose. 	Chalk and Board
2.	2 Week	<ul style="list-style-type: none"> ❖ Carbohydrates: Structural features and applications of chitin and heparin. ❖ Natural pigments: General structural features, occurrence, biological importance and applications of: <ol style="list-style-type: none"> a. Carotenoids, b. Anthocyanins, c. Quinones, d. Flavones, e. Pterins and f. Porphyrins (chlorophyll). 	Chalk and Board
3.	3 Week	<ul style="list-style-type: none"> ❖ Natural pigments: Structure elucidation of β-carotene and Cyanin (with synthesis). ❖ Synthesis of ubiquinone from 3, 4, 5 trimethoxyacetophenone. ❖ Insect pheromones: General structural features and importance. ❖ Types of pheromones (aggregation, alarm, releaser, primer, territorial, trail, sex pheromones etc.) 	Chalk and Board
4.	4 Week	<ul style="list-style-type: none"> ❖ Insect pheromones: advantage of pheromones over conventional pesticides. Synthesis of bombykol from acetylene, disparlure from 6-methylhept-1-ene, grandisol from 2-methyl-1, 3-butadiene. ❖ Alkaloids: Occurrence and physiological importance of morphine and atropine. Structure elucidation, spectral data and synthesis of coniine. 	Chalk and Board



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5.	5 Week	Unit II : Natural products-II ❖ Multi-step synthesis of natural products: Synthesis of the following natural products with special reference to reagents used, stereochemistry and functional group transformations: a. Woodward synthesis of Reserpine from benzoquinone b. Corey synthesis of Longifoline from resorcinol c. Gilbert-Stork synthesis of Griseofulvin from phloroglucinol	Chalk and Board
6.	6 Week	❖ Multi-step synthesis of natural products: Synthesis of the following natural products with special reference to reagents used, stereochemistry and functional group transformations: a. Corey's Synthesis of Caryophyllene from 2-Cyclohexenone and Isobutylene b. Synthesis of Juvabione from Limonene c. Synthesis of Taxol.	Chalk and Board
7.	7 Week	❖ Prostaglandins: Classification, general structure and biological importance. Structure elucidation of PGE1. ❖ Lipids: Classification, role of lipids, Fatty acids and glycerol derived from oils and fats.	Chalk and Board
8.	8 Week	❖ Insect growth regulators: General idea, structures of JH ₂ and JH ₃ . ❖ Plant growth regulators: Structural features and applications of arylacetic acids, gibberellic acids and triacontanol. ❖ Synthesis of triacontanol (synthesis of stearyl magnesium bromide and 12-bromo-1 tetrahydropyranloxydodecane expected).	Chalk and Board
9.	9 Week	Unit III: Advanced spectroscopic techniques-I ❖ Proton NMR spectroscopy: Recapitulation, chemical and magnetic equivalence of protons, First order, second order, Spin system notations (A2, AB, AX, AB2, AX2, AMX and A2B2-A2X2 spin systems with suitable examples). ❖ Long range coupling (Allylic coupling, 'W' coupling and Coupling in aromatic and heteroaromatic systems)	Chalk and Board
10.	10 Week	❖ Proton NMR spectroscopy: Temperature effects, Simplification of complex spectra, nuclear magnetic double resonance, chemical shift reagents.	Chalk and Board



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11.	11 Week	<ul style="list-style-type: none"> ❖ ¹³C –NMR spectroscopy: Recapitulation, equivalent and non-equivalent carbons (examples of aliphatic and aromatic compounds), ❖ ¹³C- chemical shifts, calculation of ¹³C- chemical shifts of aromatic carbons, heteronuclear coupling of carbon to ¹⁹F and ³¹P. 	Chalk and Board
12.	12 Week	<ul style="list-style-type: none"> ❖ Spectral problems based on UV, IR, ¹HNMR and ¹³CNMR and Mass spectroscopy. 	Chalk and Board
13.	13 Week	<p>Unit IV : Advanced spectroscopic techniques-II</p> <ul style="list-style-type: none"> ❖ Advanced NMR techniques: DEPT experiment, determining number of attached hydrogens (Methyl/methylene/methine and quaternary carbons ❖ Two dimensional spectroscopic techniques, COSY and HETCOR spectra, NOE and NOESY techniques. 	Chalk and Board
14.	14 Week	<ul style="list-style-type: none"> ❖ Spectral problems based on UV, IR, ¹HNMR, ¹³CNMR (Including 2D technique) and Mass spectroscopy. 	Chalk & Board, PPT
15.	15 Week	<ul style="list-style-type: none"> ❖ Spectral problems based on UV, IR, ¹HNMR, ¹³CNMR (Including 2D technique) and Mass spectroscopy. 	Chalk & Board
16.	16 Week	<ul style="list-style-type: none"> ❖ Spectral problems based on UV, IR, ¹HNMR, ¹³CNMR (Including 2D technique) and Mass spectroscopy. 	Chalk & Board



Name of the Teacher

Dr. Dattatraya Bhargare

Government of Maharashtra
 Ismail Yusuf College Jogeshwari (E),
 Mumbai-400 060

M.Sc. Part II

Department of Chemistry

Organic Chemistry (Paper IV) *June-2022*

Lecture Plan

Sr. No.	Week	Syllabus Details	Method Used
1.	1 Week	Unit 1 : Drug discovery, design and development ❖ Introduction, important terms used in medicinal chemistry: receptor, therapeutic index, bioavailability, drug assay and drug potency. ❖ General idea of factors affecting bioactivity: Resonance, inductive effect, bioisosterism, spatial considerations. ❖ Basic pharmacokinetics: drug absorption, distribution, metabolism (biotransformation) and elimination.	PPT
2.	2 Week	❖ Physical and chemical parameters like solubility, lipophilicity, ionization, pH, redox potential, H-bonding, partition coefficient and isomerism in drug distribution and drug-receptor binding.	PPT
3.	3 Week	❖ Procedures in drug design: Drug discovery without a lead: Penicillin, Librium. ❖ Lead discovery: random screening, non-random (or targeted) screening. ❖ Lead modification: Identification of the pharmacophore, Functional group modification.	PPT
4.	4 Week	❖ Structure-activity relationship, ❖ Structure modification to increase potency and therapeutic index: Homologation, chain branching, ring-chain transformation, bioisosterism, combinatorial synthesis (basic idea).	PPT
5.	5 Week	Unit II : Drug design, development and synthesis ❖ Introduction to quantitative structure activity relationship studies. ❖ QSAR parameters: - steric effects: The Taft and other equations; ❖ Methods used to correlate regression parameters with biological activity: ❖ Hansch analysis- A linear multiple regression analysis.	PPT
6.	6 Week	❖ Introduction to modern methods of drug design and synthesis- computer aided molecular graphics based drug design. ❖ Drug design via enzyme inhibition (reversible and irreversible), bioinformatics and drug design.	PPT

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7.	7 Week	<ul style="list-style-type: none"> ❖ Concept of prodrugs and soft drugs. <ul style="list-style-type: none"> ○ Prodrugs: Prodrug design, types of prodrugs, functional groups in prodrugs, advantages of prodrug use. ○ Soft drugs: concept and properties. 	PPT
8.	8 Week	<ul style="list-style-type: none"> ❖ Synthesis and application of the following drugs: Fluoxetine, cetirizine, esomeprazole, fluconazole, zidovudine, methotrexate, diclofenac, labetalol, fenofibrate. 	PPT
9.	9 Week	<p>Unit III: Biogenesis and biosynthesis of natural products</p> <ul style="list-style-type: none"> ❖ Primary and secondary metabolites and the building blocks, general pathway of amino acid biosynthesis. 	PPT
10.	10 Week	<ul style="list-style-type: none"> ❖ Acetate pathway: Biosynthesis of malonylCoA, saturated fatty acids, prostaglandins from arachidonic acid, aromatic polyketides. 	PPT
11.	11 Week	<ul style="list-style-type: none"> ❖ Shikimic Acid pathway: Biosynthesis of shikimic acid, aromatic amino acids, cinnamic acid and its derivatives, lignin and lignans, benzoic acid and its derivatives, flavonoids and isoflavonoids. 	PPT
12.	12 Week	<ul style="list-style-type: none"> ❖ Mevalonate pathway: Biosynthesis of mevalonic acid, monoterpenes – geranyl cation and its derivatives, sesquiterpenes – farnesyl cation and its derivatives and diterpenes. 	PPT
13.	13 Week	<p>Unit IV : Green chemistry</p> <ul style="list-style-type: none"> ❖ Introduction, basic principles of green chemistry. Designing a green synthesis: Green starting materials, green reagents, green solvents and reaction conditions, green catalysts ❖ Use of the following in green synthesis with suitable examples: <ul style="list-style-type: none"> a) Green reagents: dimethylcarbonate, polymer supported reagents. b) Green solvents: water, ionic liquids, deep eutectic solvents, supercritical carbon dioxide. 	PPT
14.	14 Week	<ul style="list-style-type: none"> ❖ Use of the following in green synthesis with suitable examples: <ul style="list-style-type: none"> c) Green catalysts: Acid catalysts, oxidation catalysts, basic catalysts, phase transfer catalysts [Aliquat 336, benzyltrimethyl ammonium chloride (TMBA), Tetra-n-butyl ammonium chloride, crown ethers], biocatalysts. d) Solid state reactions: solid phase synthesis, solid supported synthesis 	PPT



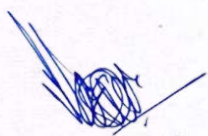
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Mumbai-400 060

15.	15 Week	<ul style="list-style-type: none">❖ Use of the following in green synthesis with suitable examples:<ul style="list-style-type: none">(e) Microwave assisted synthesis: reactions in water, reactions in organic solvents, solvent free reactions.(f) Ultrasound assisted reactions.❖ Comparison of traditional processes versus green processes in the syntheses of ibuprofen	Chalk & Board
(g)	16 Week	<ul style="list-style-type: none">❖ Comparison of traditional processes versus green processes in the syntheses of adipic acid, 4-aminodiphenylamine, p-bromotoluene and benzimidazole.❖ Green Catalysts : Nanocatalyst, Types of nanocatalysts, Advantages and Disadvantages of Nanocatalysts, Idea of Magnetically separable nanocatalysts.	Chalk & Board



Name of the Teacher

Miss Ruqaiya Ansari


PRINCIPAL
Government of Maharashtra's
Ismail Yusuf College of
Arts, Science & Commerce.
Jogeshwari (East), Mumbai - 400 060

Department of Mathematics

Lecture Plan By M.S.Kaurav

Class : F.Y.B.Sc. Semester I		
Course Code: USMT101		
Course Title : Calculus-I		
Name of the Teacher: Mr.Manojkumar.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Introduction to the course
2		Introduction to real numbers
3		Algebraic and order properties of real numbers
4	Week 2	Geometric Mean- Arithmetic Mean inequality, Bernoulli's inequality
5		Absolute Value of real numbers, Triangle inequality and its applications
6		Bounded set, Supremum and Infimum of a set
7	Week 3	Completeness property of real numbers
8		Archimedean property of \mathbb{R}
9		Density of rational numbers in \mathbb{R}
10	Week 4	Intervals of real line, nested interval property
11		Introduction to sequence of real numbers
12		Definition of sequence of real numbers and examples
13	Week 5	Limit of sequence, and Uniqueness of limit
14		Bounded sequence and examples
15		Algebra of limits of sequences
16	Week 6	Squeeze theorem for sequences
17		Ratio test for sequences
18		Monotone sequence, Monotone convergence theorem
19	Week 7	Subsequences, Divergence Criteria
20		Monotone subsequence theorem
21		Bolzano-Weierstrass theorem
22	Week 8	Bolzano-Weierstrass theorem and Cauchy sequence
23		Introduction to series of real numbers
24		Sequence of partial sums
25	Week 9	Convergent series
26		Divergent series
27		Some tests for convergence of series
28	Week 10	Some tests for convergence of series
29		Introduction to limit of function
30		Limit of functions definition and examples
31	Week 11	Limits of some standard functions
32		Sequential criteria for limits
33		Examples and problem solving
34		Uniqueness of limit

35	Week 12	Divergence criteria, and Algebra of limits
36		Squeeze theorem for limit.



Class : F.Y.B.Sc. Semester I		
Course Code:USMT102		
Course Title : Algebra		
Name of the Teacher: Mr.Manojkumar.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Sets
2		Properties of sets
3		Properties of sets
4	Week 2	Natural Numbers
5		Set of Integers
6		Well ordering principle for \mathbb{N}
7	Week 3	Principle of Mathematical induction
8		First Principal Of Insuction
9		Second Principal Of Insuction
10	Week 4	Sets, Relation and Functions
11		Power set, Operation on sets
12		Cartesian product of sets
13	Week 5	Definition of relation
14		Equivalence relation
15		Equivalence classes
16	Week 6	Definition of partition
17		Every partition gives an equivalence relation and vice-versa.
18		Definition of function
19	Week 7	Domain, co-domain and the range of function,
20		Injective, surjective and bijective functions
21		Composite function
22	Week 8	Criteria for injective function
23		Criteria for surjective function
24		Cantor's Theorem
25	Week 9	Schroder-Bernstein Theorem
26		Division algorithm
27		Euclidean algorithm
28	Week 10	Properties of G.C.D and L.C.M
29		Primes, Euclid's lemma
30		Unique Factorization Theorem
31	Week 11	Congruences: Definition and elementary properties
32		Addition and multiplication modulo n
33		Fermat's Little theorem, Euler's phi-function.
34	Week 12	Complex Numbers: Addition and multiplication of complex numbers.
35		Geometric representation of sum, differences.
36		De-Moivre's Theorem, roots of unity, Euler's Formula



Class : S.Y.B.Sc. Semester IV		
Course Code: USMT401		
Course Title : Linear Algebra-II		
Name of the Teacher: : Mr.Manojkumar.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Introduction to the course
2		Definition of points in n-space and its rules
3		Examples and problem solving
4		located vectors, equivalent vectors, parallel vectors
5	Week 2	scalar or dot product and its properties
6		perpendicular or orthogonal vectors
7		Examples and problem solving
8		norm of a vector, Pythagoras theorem
9	Week 3	projection, angle between vectors
10		Schwarz inequality, triangle inequality
11		Examples and problem solving
12		Lines planes and their parametric equations
13	Week 4	homogeneous linear equations
14		row operations
15		Examples and problem solving
16		Gauss elimination, echelon form
17	Week 5	Limit of sequence
18		Uniqueness of limit
19		Examples and problem solving
20		Definition of field and examples
21	Week 6	definition of vector space over a field and examples
22		vector subspace and examples
23		Examples and problem solving
24		Necessary and sufficient condition for subspace
25	Week 7	sum and direct sum of subspaces
26		linear combination
27		Examples and problem solving
28		linear span/ generator
29	Week 8	convex sets
30		linear dependence
31		Examples and problem solving
32		linear independence
33	Week 9	basis of vector space
34		dimension of a vector space
35		Examples and problem solving
36		coordinates of a vector
37	Week 10	basis as a maximal linearly independent set
38		Examples and problem solving
39		isomorphism, similar matrices

40		finite dimensional vector spaces
41		infinite dimensional vector spaces

42	Week 11	the rank of a matrix
43		Matrix associated with linear map
44		row rank and column rank.
45	Week 12	Linear Transformations
46		Definition of linear transformation
47		linear map associated with matrix.
48		properties of linear transformations



Class : S.Y.B.Sc. Semester III		
Course Code: USMT 303		
Course Title : Ordinary Differential Equations		
Name of the Teacher: : Mr.Manojkumar.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Introduction to differential equations
2		First order Ordinary differential Equations
		Examples and problem solving
3		Definition, solution
4	Week 2	Formation of differential equation
5		Order, degree of differential equation
		Examples and problem solving
6		Picard's Theorem for existence and uniqueness of solution
7	Week 3	Methods of solution: Variable Separable
8		Homogeneous equation
		Examples and problem solving
9		Exact differential equation
10	Week 4	Necessary and sufficient condition for exactness
11		Integration factor
		Examples and problem solving
12		Linear differential equation
13	Week 5	Bernoulli's differential equation
14		Orthogonal trajectories
		Examples and problem solving
15		Brachistochrone problem
16	Week 6	Hanging Chain Problem
17		Applications
		Examples and problem solving
18		Differentials Equations of degree greater than one
19	Week 7	Solvable for p
20		Solvable for x
		Examples and problem solving
21		Solvable for y
22	Week 8	Second order Linear Equations
23		Existence and uniqueness
		Examples and problem solving
24		General solution, Particular solution
25	Week 9	General Solution of homogeneous equation
26		Linear dependence-independence
		Examples and problem solving
27		The Wronskian
28		Use of known solution to find another
29		Solution of Homogeneous Equation with constant Coefficients

	Week 10	Examples and problem solving
30		Method of Undetermined coefficients
31		Method of Variation of Parameter
32	Week 11	Method of reduction of order
		Examples and problem solving
33		Applications of second order ODE
34	Week 12	Newtons Laws
35		Simple Harmonic Motion: Damped, Undamped
		Examples and problem solving
36		Variations in mechanical and electrical systems



Class : T.Y.B.Sc. Semester V		
Course Code: USMT5B4		
Course Title : Number Theory and it's Applications I		
Name of the Teacher: : Mr.Manojkumar.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Divisibility in intgers
2		Problems on above
3		The Division algorithms
4		Problems on division algorithms
5	Week 2	Theorem on G.C.D.
6		Euclid's lemma
7		The Euclidean algorithm
8		Problems on Euclidean algorithm
9	Week 3	The least common multiple
10		Problems on least common multiple
11		The Diophantine equations
12		The Diophantine equations
13	Week 4	Problems on Diophantine equations
14		The fundamental theorem of a Arithmetic
15		The number $\sqrt{2}$ is irrational
16		Problems on distribution of primer
17	Week 5	The sieve of Eratosthenes
18		There is an infinite number of primer
19		Basic properties of Congruences
20		Properties of Congruences
21	Week 6	Problems on Congruences
22		Problems on Congruences
23		Linear Congruences
24		Chinese Remainder Theorem
25	Week 7	Fermat's Little Theorem
26		Problems on Fermat's Little Theorem
27		Problems on Fermat's Little Theorem
28		Wilson's Theorem and examples
29		Problems on Wilson's Theorem
30		The Sum and Number of Divisors

31	Week 8	The multiplicative functions
32		Problems on multiplicative functions
33		Mobius inversion formula

34	Week 9	Problems on Mobius inversion formula
35		The greatest integer function
36		Problems on greatest integer function
37	Week 10	Problems on greatest integer function
38		Euler's phi-function
39		Problems on Euler's phi-function
40		Euler's theorem
41	Week 11	Problems on Euler's theorem
42		Properties of Euler's phi-function
43		Quadratic Reciprocity Law
44		Problems on Quadratic Reciprocity Law
45	Week 12	Legendre symbol and properties
46		Quadratic Reciprocity Law
47		Quadratic Congruences with Composite Moduli
48		Public Key Cryptography



Class : T.Y.B.Sc. Semester V		
Course Code: USMT503		
Course Title : Topology of Metric Spaces		
Name of the Teacher: : Mr.Manojkumar.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Introduction to the course
2		Definition and examples of metric spaces
3		open spheres and closed spheres
4		Examples and problem solving
5	Week 2	Examples and problem solving
6		neighborhoods
7		open sets
8		equivalent Metrics
9	Week 3	interior points
10		closed sets
11		limit points and isolated points
12		closure of a set
13	Week 4	boundary points
14		distance between sets and diameter of a set
15		subspace of a metric space
16		product metric spaces.
17	Week 5	Examples and problem solving
18		Completeness
19		Convergent sequences
20		Examples and problem solving
21	Week 6	Examples and problem solving
22		Cauchy sequences
23		complete spaces
24		Examples and problem solving
25	Week 7	dense sets and nowhere dense sets
26		. Continuous Functions
27		Examples and problem solving
28		Examples and problem solving
29	Week 8	Definition and characterizations
30		extension theorem
31		uniform continuity
32		homeomorphism
33	Week 9	Examples and problem solving
34		Compactness
35		Examples and problem solving
36		Compact spaces
37		Examples and problem solving
38		sequential compactness



39	Week 10	equivalence of compactness
40		Examples and problem solving
41		sequential compactness

42	Week 11	compactness and finite intersection property
43		continuous functions and compact spaces.
44		Connectedness
45	Week 12	Examples and problem solving
46		Separated sets
47		disconnected and connected sets
48		Examples and problem solving

Class : S.Y.B.Sc. Semester III		
Course Code: USMT301		
Course Title : Calculus III		
Name of the Teacher: Mr. Manojkumar S Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Algebraic and Order properties of Real numbers
2		Consequences of algebraic properties
3		Absolute Value of real numbers, Triangle inequality and its applications
4		Some inequalities
5	Week 2	Bounded set, Supremum (l.u.b.), Infimum (g.l.b.)
6		Archimedean property of \mathbb{R} , Density of rational numbers in \mathbb{R}
7		Countable sets
8		Countability of \mathbb{Z} , $\mathbb{N} \times \mathbb{N}$, \mathbb{Q} , \mathbb{R} , $\mathbb{R} \times \mathbb{R}$
9	Week 3	Cardinalities of closed and open intervals are same
10		Cantors Theorem, Schroder-Berstein Theorem
11		Sequences and Series: Sequence: Definition of sequence
12		Convergence and algebra of limits
13	Week 4	Uniqueness of limit, Bounded sequence, Tail of a sequence
14		Algebra of limits of sequences
15		Limit Superior, limit inferior and limit of sequence
16		Limit Superior and limit
17	Week 5	Properties of Limit Superior and limit inferior
18		Monotone sequence, Monotone convergence theorem
19		Subsequences, Divergence Criteria
20		Bolzano-Weierstrass theorem
21	Week 6	Monotone subsequence theorem,
22		Bolzano-Weierstrass theorem
23		Cauchy sequence, Cauchy criteria for convergence
24		Contracting and Cauchy sequence
25	Week 7	Infinite Series, Convergence criteria
26		Cauchy Convergence criteria
27		Absolute and conditional convergence
28		Series of positive terms and series of negative terms
29	Week 8	Rearrangement of series
30		Tests for Convergence: Harmonic series
31		Sequence of Bounded Variation, Abel's Test
32		Ratio test, n th root test, Dirichlet's test
33	Week 9	Concept of limit, Continuous functions, Algebra of Continuous functions
34		Types of discontinuity
35		Continuous function on closed and bounded interval
36		Uniform continuity
37		Riemann integration: Set of measure zero
38		Subdivision, Upper sum, lower sum



39	Week 10	Upper Integral, Lower integral, Riemann integration
40		Criteria for integrability
41		Existence of Riemann integral

42	Week 11	Examples of integrable function
43		Sum, difference, multiple of integrable functions
44		Riean summation formula
45	Week 12	First Fundamental Theorem of Calculus
46		Second Fundamental Theorem of Calculus
47		Mean value theorems for integral
48		Applications of mean value theorem



Class : T.Y.B.Sc. Semester V		
Course Code: USMT502		
Course Title : Group Theory		
Name of the Teacher:Mr.Manojkumar S Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Group: definition
2		Group: examples
3		Abelian groups
4		finite groups
5	Week 2	infinite groups
6		Properties of groups
7		Order of an element - definition, examples, properties
8		groups including Z , Q , R , C , Klein 4-group
9	Week 3	Group of quaternions, integers modulo n
10		S_1 , $GL_n(R)$; $SL_n(F_p)$, $SL_n(R)$, O_n
11		B_n (= the group of $n \times n$ non-singular upper triangular matrices)
12		the group of one-one and onto functions from a set S to itself
13	Week 4	groups of symmetries of plane figures such as D_4 and S_3
14		$GL_n(F_p)$ the integers modulo under addition and multiplication
15		Uniqueness of identity, inverse, etc
16		Subgroups: definition, necessary and sufficient conditions
17	Week 5	examples on finding subgroups of finite groups
18		Cosets: definition and properties
19		Lagrange's theorem and corollaries
20		HK is a subgroup of G if and only if $HK = KH$
21	Week 6	Order of HK
22		Subgroup generated by an element of the group
23		Cyclic groups: Definition
24		Examples of cyclic groups such as Z
25	Week 7	Every cyclic group is abelian
26		If $G = \langle a \rangle$, then $G = \langle a^{-1} \rangle$
27		Every subgroup of a cyclic group is cyclic
28		Let G be a cyclic group of order n .
29	Week 8	Let $G = \langle a \rangle$ and $o(G) = n$, Then $\langle a^m \rangle = G$ if and only if $(m, n) = 1$
30		An element m in Z_n^* is a generator of Z_n^* if and only if $(m, n) = 1$
31		If G is an abelian group
32		N is a normal subgroup of G if and only if $gNg^{-1} = N$ for every $g \in G$
33	Week 9	The subgroup N of G is a normal subgroup of G if and
34		only if every left coset of N in G is a right coset of N in G
35		A subgroup N of G is a normal subgroup of G if and
36		only if the product of two right cosets of N in G
37		If H is a subgroup of index 2 in G then H is a normal subgroup of G
38		If H is the only subgroup of G of a fixed finite order



39	Week 10	Homomorphism and Isomorphism: definition, examples
40		Fundamental Theorem of homomorphisms of groups
41		The group Z/nZ of residue classes (mod n)
42	Week 11	Cauchy's theorem and Sylow's theorem for Finite Abelian Groups
43		inverse image under a homomorphism of a subgroup
44		Characterization of cyclic groups
45	Week 12	Automorphisms
46		Cayley's Theorem for finite groups
47		Classification of groups of order less equal 8
48		Properties: (i) $o(S_n) = n!$ (ii) A_n is a subgroup of S_n ,



Class : S.Y.B.Sc. Semester V		
Course Code: USMT302		
Course Title : Ordinary Differential Equations		
Name of the Teacher: M.S.Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Introduction to differential equations
2		First order Ordinary differential Equations
		Examples and problem solving
3	Week 2	Definition, solution
4		Formation of differential equation
5		Order, degree of differential equation
		Examples and problem solving
6	Week 3	Picard's Theorem for existence and uniqueness of solution
7		Methods of solution: Variable Separable
8		Homogeneous equation
	Week 4	Examples and problem solving
9		Exact differential equation
10	Week 5	Necessary and sufficient condition for exactness
11		Integration factor
		Examples and problem solving
12	Week 6	Linear differential equation
13		Bernoulli's differential equation
14		Orthogonal trajectories
		Examples and problem solving
15	Week 7	Brachistochrone problem
16		Hanging Chain Problem
17		Applications
	Week 8	Examples and problem solving
18		Differentials Equations of degree greater than one
19	Week 9	Solvable for p
20		Solvable for x
		Examples and problem solving
21	Week 10	Solvable for y
22		Second order Linear Equations
23		Existence and uniqueness
		Examples and problem solving
24	Week 11	General solution, Particular solution
25		General Solution of homogeneous equation
26		Linear dependence-independence
	Week 12	Examples and problem solving
27		The Wronskian
28	Week 13	Use of known solution to find another
29		Solution of Homogeneous Equation with constant Coefficients



	Week 10	Examples and problem solving
30		Method of Undetermined coefficients
31		Method of Variation of Parameter

32	Week 11	Method of reduction of order
		Examples and problem solving
33		Applications of second order ODE
34	Week 12	Newtons Laws
35		Simple Harmonic Motion: Damped, Undamped
		Examples and problem solving
36		Variations in mechanical and electrical systems



Class : T.Y.B.Sc. Semester V		
Course Code: MT337F		
Course Title : Number Theory		
Name of the Teacher: Mr. Manojkumar S Kaurav.		
Lecture No.	Week	Topic
1	Week 1	Divisibility in integers
2		Problems on above
3		The Division algorithms
4		Problems on division algorithms
5	Week 2	Theorem on G.C.D.
6		Euclid's lemma
7		The Euclidean algorithm
8		Problems on Euclidean algorithm
9	Week 3	The least common multiple
10		Problems on least common multiple
11		The Diophantine equations
12		The Diophantine equations
13	Week 4	Problems on Diophantine equations
14		The fundamental theorem of a Arithmetic
15		The number $\sqrt{2}$ is irrational
16		Problems on distribution of primer
17	Week 5	The sieve of Eratosthenes
18		There is an infinite number of primer
19		Basic properties of Congruences
20		Properties of Congruences
21	Week 6	Problems on Congruences
22		Problems on Congruences
23		Linear Congruences
24		Chinese Remainder Theorem
25	Week 7	Fermat's Little Theorem
26		Problems on Fermat's Little Theorem
27		Problems on Fermat's Little Theorem
28		Wilson's Theorem and examples
29		Problems on Wilson's Theorem
30		The Sum and Number of Divisors



31	Week 8	The multiplicative functions
32		Problems on multiplicative functions
33		Mobius inversion formula
34	Week 9	Problems on Mobius inversion formula
35		The greatest integer function
36		Problems on greatest integer function
37	Week 10	Problems on greatest integer function
38		Euler's phi-function
39		Problems on Euler's phi-function
40		Euler's theorem
41	Week 11	Problems on Euler's theorem
42		Properties of Euler's phi-function
43		Quadratic Reciprocity Law
44		Problems on Quadratic Reciprocity Law
45	Week 12	Legendre symbol and properties
46		Quadratic Reciprocity Law
47		Quadratic Congruences with Composite Moduli
48		Public Key Cryptography



			سوداگر
February	12	وضاحت مع سیاق و سیاق	بلیک سنڈے، خوابوں کا سویرا، دہشت کا بوجھ اور موت کے سوداگر
March	12		
April	-		
Total	48	45	

Ansari Sabteen Alam
Assistant Professor Urdu

2022-2023

Name of Teacher: Zarina Shaikh

Semester: I

Class: FYBA

Subject: Urdu Compulsory

Month	No of Lecture As per Time table	No of Lecture as Per Syllabus	Title of topic to be Covered	Key point of topic
August 08/08/23	10	50	Hissa e Nasar ,Molvi Abdul Haqq,Rasheed Ahemad Siddiqi, Krishn Chand	Definition of Molvi Abdul Haqq Novel Nasuh ki beemari,and Definition of Molvi Abdul Haqq khaqa,Definition of Rasheed Ahmed Siddiqi Inshaiya Ilekshion,Definition of Krishan chand afsana Do Farlang Lambi Sarak
September	11		Hissaye Gazal,Meer taqi Meer,Sauda,Meer Dard Mirza Galib,Daag	Definition of Meer ki gazal,Definition of sauda gazal,Definition of Meer dard gazal,Definition of Galib gazal,definition of Daag gazal,Definition of Shaad gazal



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			Shaad Azeem Abadi	
October	16		Nazme .Nazeer akbar Abadi, Meer Anees , Altaf Husain Hali Akbar Ilahabadi, Chakbast, Johs	Definition of Nazeer akbar abaadi nazm Mufliisi, Definition of Meer anees nazm Subh e shahadat, Definition of Hali nazm Nishat e Ummeed, Definition of Akbar Ilahabadi Nazm Naseehat e Ikhlqaq, Definition of Chakbast Nazm Krishan chand Gokhale, Definition of Josh Nazm Kohistan e Dakan ki aurat
November	04		Rubaiyat, Amzad Hayrabadi, Yas yagana Changeji	Definition of Rubaiyat Amjad hydrabadi, Definition of Rubaiyat e Yas yagana Changeji
Total	41	50		



Shaikh Zarina
Assistant Professor Urdu

Name of Teacher: **Shaikh Sarvat**

Semester: **II**

Class: **F.Y.B.A**

Subject: **Urdu Compusory**

Month	No of Lecture As per time table	No of Lecture as per syllebus	Title of topic to be covered	Key point of topic
December	9	50	Hissa e Nasar, Muhammad Husain Azad, Qurrat ul Ain Hyder, syed Ehtesham Husain, Mustaq Ahemad Yusufi	Definition of Articale "Gulshan e Ummeed ki Bahar" written by Azad, Definition of Afsana Karman written by Qurrat ul Ain Hyder, Definition of Safar Nama Ye London hey written by Ehtesha Husain, definition of tanj O Majah Natak written by Mushtaq Ahemad yusufi
January	9		Yusuf Nazim, Nurul Ain Ali. Hissa e Gazal Hasrat Mohani, Jigar Muradabadi, Faraq Gorakh Puri,	Definition of Kaqa Pura Admi Adhura Khaqa written by Yusuf Nazim, Definition of Hasrat Mohani Gazal, Definition of Jigar Muradaabadi Gazal, Definition of

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				Firaq Gorakh puri Gazal,
February	13		Mazrooh Sultan Puri.Nasir qazmi,Muin Ahesan Zajbi, Hissa e Nazam Faiz Ahemad Faiz,Makhdoom Muhiddin, Akhtarul Imaan,Sahir Ludhyanvi	Definition of Majrooh Sultan Puri Gazal,Definition of Nasir Qazmi Gazal,Definition of Moin Ahesan Gazal, Definition of Faiz Ahemad Faiz Nazm Kutte,Definition of Makhdoom Muhiddin Nazm Haveli,Definition of Akhtarul Imaan Nazm Umar Gureja ke Naam,Definition of Sahir Ludhyanvi Gazal Mere Ahed Ke Haseeno
March	7		Sikandar wajdi,Noon Meem Rashid, Hissa e Rubaiyat Mirza Dabeer	Definition of Sikander Wajdi Nazm Ajanta,Definition of Noon Meem Rashid Nazm Zindagi se Darte Ho,Definition of Rubaiyat Mirza Dabeer,
Total	38	50		



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Shaikh Sarvat
Assistant Professor Urdu

DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Zarina
CLASS:- F.Y. B.A
Optional

SEMESTER: I
SUBJECT: Urdu

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 13.06.2023	Admission Process	FY B.A Admission Process till		

Ismail Yusuf College of
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		13th July		
July 14.07.2023	05	60	اردو زبان و ادب کا تعارف، اصناف ادب	اردو زبان و ادب کا تعارف، ادب کی اقسام، شعری صنف
August	16		اردو نظم تعارف، فن اور تاریخ	اردو نظم تعارف، فن اور تاریخ ، آغاز و رتقاء
September	14		ڈاکٹر علامہ اقبال فن، شخصیت و شاعر اور نظم نگاری، نظمیات	ڈاکٹر علامہ اقبال کا تفصیلی تعارف، شاعری کا آغاز اور شاعری کی خصوصیات- اقبال کی نظمیات- ہمالہ، حقیقت حسن، چاند،
October	16		ڈاکٹر علامہ اقبال کی نظمیات کا مطالعہ، اختر شیرانی □ کا تعارف	سیر فلک، چاند اور تارے، عقل و دل، دعا، نیا سوالہ، ترانہ ملی، آفتاب صبح، اختر شیرانی □ کا تعارف
November	05		اختر شیرانی □ کا تعارف، نظمیات کا مطالعہ	اختر شیرانی □ کی نظمیات کا مطالعہ، وہ دیس سے آنے والے، برکھا رت، اے عشق کہیں لے چل، ایک آرزو، سر زمین عشق، دنیا کی بہاریں، عورت، اعتراف، فریب ہستی، نظر وطن-
Total	56	60		



Shaikh Zarina
Assistant Professor Urdu

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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Zarina

SEMESTER: II

CLASS:- FY B.A

SUBJECT: Urdu Optional

Month	No. of Lectures	No. of Lectures as	Title of Topic to be covered	Key points of topic
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Ismail Yusuf College of
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	as per time table	per Syllabus		
June 13.06.2023	Admission Process	FY B.A Admission Process till 13th July		
July 14.07.2023	05	60	افسانے کا تعریف ، تکنیک، قسمیں اور آغاز و ارتقا	اردو افسانے کا فن
August	16		حالات زندگی، شخصیت کے مختلف پہلو کا جائزہ	منشی پریم چند کی حیات و ادبی خدمات
September	14		بدنصیب ماں ، شانتی ، مالکن، گلی ڈنڈا اور فائل کی ماں	منشی پریم چند کے منتخب افسانوں کا جائزہ
October	16		حالات زندگی، شخصیت کے مختلف پہلو کا جائزہ	راجندر سنگھ بیدی کی حیات و ادبی خدمات
November	05		گرم کوٹ، وتامن بی، من کی من میں ، بھولا ، ہمدوش اور رد عمل	راجندر سنگھ بیدی کے منتخب افسانوں کا جائزہ
Total	56		60	

Shaikh Zarina
Assistant Professor Urdu



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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER:- Ansari Sabteen Alam

CLASS:- S,Y B.A

SEMESTER: III

SUBJECT: Paper-II

Ansari Sabteen Alam
Ismail Yusuf College of
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Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 17.06.2018	05	60	اردو ادب کا تعارف، اصناف ادب، اردو شاعری	اردو ادب کی اقسام، نثر و شاعری، اصناف ادب، اردو غزل تعارف
July	12		اردو غزل کا مفہوم، فن، تاریخ آغاز و ارتقاء	اردو غزل تعارف، فن، اقسام، روایت دکن، شمالی ہند، لکھنؤ میں غزل کا آغاز و ارتقاء
August	12		مقبول غزل گو شعراء اور ان کی غزل گوئی فانی بدایونی کی غزل گوئی غزلیات کا مطالعہ	فانی بدیونی، شخصیت، فن اور غزل گوئی - فانی غزلیات کا مطالعہ
September	10		غزلیات فانی کا مطالعہ - اصغر گوندوی تعارف	فانی کی غزلیات کا مطالعہ - اصغر گوندوی کی شخصیت اور فن -
October	12		اصغر گوندوی کی شخصیت اور فن - غزلیات فانی کا مطالعہ	اصغر گوندوی کی شخصیت اور فن کے مختلف پہلو - غزلیات فانی کا مطالعہ
November	05		غزلیات فانی کا مطالعہ	غزلیات فانی کا مطالعہ
Total	56		60	



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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam

SEMESTER: IV

CLASS:- S.Y B.A

SUBJECT: paper II

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
Re open 27 11 2018				
November	03	60	اردو زبان وادب کا تعارف، اصناف ادب	اردو زبان وادب کا تعارف، ادب کی اقسام، شعری صنف
December	10		اردو نظم تعارف، فن اور تاریخ	اردو نظم تعارف، فن اور تاریخ ، آغاز ورتقاء
January	12		خلیل الرحمن اعظمی، شخصیت و شاعر اور نظم نگاری	خلیل الرحمن اعظمی کا تفصیلی تعارف، شاعری کا آغاز
February	12		کرم کتابی، یاد، سوداگر	خلیل الرحمن اعظمی کی نظموں کا جائزہ
March	12		اختر الایمان کی نظمیں - ایک لڑکا، دعا، احتساب	اختر الایمان کی نظموں مطالعہ، حیات و ادبی خدمات
Total	49		60	

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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - **Shaikh Umera Taufiq**

SEMESTER: **III**

CLASS:- **S.Y. B.A**

SUBJECT: **Urdu Paper-III**

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 17.06.2018	08	60	اردو ادب کا تعارف، اصناف ادب، اردو نثر	اردو ادب کی اقسام، نثر و شاعری، اصناف ادب، مکتوب نگاری کا تعارف
July	12		اردو مکتوب نگاری، فن، تاریخ آغاز و ارتقاء	اردو مکتوب نگاری کا تعارف، فن، روایت اور اردو مکتوب نگاری کا آغاز و ارتقاء
August	10		مقبول مکتوب نگار اور ان کی مکتوب نگاری غالب کی مکتوب نگاری-غالب کے مکتوبات کا مطالعہ	غالب، شخصیت، فن اور مکتوب نگاری - خطوط غالب کا مطالعہ
September	09		خطوط غالب کا مطالعہ - سرسید احمدخان تعارف	خطوط غالب کا مطالعہ - سرسید احمدخان کی شخصیت اور فن۔
October	12		سرسید احمدخان کی شخصیت اور فن۔ سرسید احمدخان کے خطوط کا مطالعہ	سرسید احمدخان کی شخصیت اور فن کے مختلف پہلو - سرسید احمدخان کے خطوط کا مطالعہ
November	04		خطوط سرسید کا مطالعہ	خطوط سرسید کا مطالعہ



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Total	55	60	
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SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Umera Taufiq

SEMESTER: IV

CLASS:- S.Y. B.A

SUBJECT: Urdu Paper-III

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 17.06.2018	06	60	اردو ادب کا تعارف، اصناف ادب، اردو نثر	اردو ادب کی اقسام، نثر و شاعری، اصناف ادب، سفر نامہ نگاری کا تعارف
July	12		اردو سفر نامہ نگاری ، فن، تاریخ آغار و ارتقاء	اردو سفر نامہ نگاری کا تعارف، فن، روایت اور آغار و ارتقاء
August	10		حیات و خدمات	مجتبیٰ حسین، شخصیت، فن کا مطالعہ
September	09		جاپان جلو جاپان، ٹوکیو کے بازاروں میں	مجتبیٰ حسین کے سفر نامے
October	12		حالات زندگی اور ادبی خدمات	صغریٰ مہدی کی شخصیت اور فن کے مختلف پہلو۔
November	04		ذرا بھی بڑوس میں ، چلتے ہو تو مارشپس چلیے	صغریٰ مہدی کے سفر ناموں کا مطالعہ
Total	53	60		

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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam

SEMESTER: V

CLASS:- T.Y.B.A

SUBJECT: Urdu Paper-IV

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 30.06.2019	-	60	حروف بجا ، حروف تہجی	اردو قواعد کی بنیادی معلومات
July	16		مضمون کی اقسام، سماجی، سیاسی، تعلیمی اور حالات حاضرہ سے متعلق۔ مضمون کا ڈھانچہ	مضمون نگاری کا فن
August	17		اسم عام اور اسم خاص۔ جنس، تعداد اور حالت	اسم اور اس کی قسمیں، لوازم اسم
September	12		ضمیر کی مختلف اقسام۔ صفت کی پانچ قسمیں	ضمیر اور اس کی قسمیں، صفت کی اقسام
October	16		زمانہ کی قسمیں - حال ، ماضی اور مستقبل۔ اعراب کی مختلف صورتیں	فعل، اعراب و سکنات



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November	-		علم بیان اور تجنیس کے دس اقسام	تجانیس
Total	61	60		



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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam

SEMESTER: VI

CLASS: - T.Y.B.A

SUBJECT: Urdu Paper-IV

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
	-			
December	16	60	حروف شمسی، حروف قمری عروض، عروضی، متحرک، ساکن، اجزا، رکن، پانچ حرفی، سات حرفی، بحریں، زحاف	اردو قواعد کی بنیادی معلومات عروض کی مبادیات اور تقطیع کے اصول و ضوابط
January	17		ترجمے کا فن، روایت، مسائل، اہمیت، افادیت	ترجمہ کی ضرورت، اردو ترجمے کا آغاز و ارتقا
February	14		متدارک، متقارب، بزج	مفرد بحروں کی تقطیع



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			رجز، وافر	
March	16		اردو سے انگریزی اور انگریزی سے اردو ترجمہ	اردو اور انگریزی ترجمہ
April	-		مبالغہ، تلمیح، تضاد، تشبیہ، استعارہ، لف و نشر وغیرہ	صنعتیں
Total	63	60		

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SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam

SEMESTER: V

CLASS: - T.Y.B.A

SUBJECT: Urdu Paper-V

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 27.06.2018	-	60	تعارف - تعریف - فن - تکنک - نظم کی اقسام - بہ موضوع اور بہ ہیئت-	اردو نظم کا فن - نظم کا تاریخی پس منظر - مختلف ادوار
July	18		دکن میں اردو، شمالی ہند میں	اردو نظم کا آغاز و ارتقا

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			اردو، لکھنو میں نظم نگاری، ترقی پسند نظمیں، آزادی کے بعد نظمیں	
August	16		ترقی پسند تحریک کے شاعر- فیض احمد فیض کی حیات اور شخصیت کے مختلف پہلو	ترقی پسند تحریک اور فیض احمد فیض
September	16		فیض احمد فیض کی نظم نگاری ترقی پسند کے نظریات کی روشنی میں	فیض احمد فیض کی ادبی خدمات
October	12		بول- شاہراہ، انتظار وغیرہ نظموں کا مرکزی خیال و خلاصہ	فیض احمد فیض کی نظموں کا تعارف و تبصرہ
November	-			
Total	62	60		

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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam

SEMESTER: VI

CLASS: - T.Y.B.A

SUBJECT: Urdu Paper-V

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic



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	-		-	-
	-		تعارف - تعریف - فن - تکنک-ناول کی اقسام - اجزائے ترکیبی	اردو ناول کا فن- ناول کا تاریخی پس منظر- مختلف ادوار
December	13		نذیر احمد، سرشار، پریم چند، قراة العین حیدر، ہادی رسوا کے ناول	اردو ناول کا آغاز و ارتقا
January	18	60	ترقی پسند تحریک کے ناول نگار- عصمت چغتائی کی حیات اور شخصیت کے مختلف پہلو	ترقی پسند تحریک اور عصمت چغتائی
February	16		عصمت چغتائی کی ناول نگاری ترقی پسند کے نظریات کی روشنی میں	عصمت چغتائی کی ادبی خدمات
March	16		ناول ضدی کے کرداروں کا جائزہ	عصمت چغتائی کی ناول نگاری کا تعارف و تبصرہ
April	-			
Total	63	60		

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Assistant Professor Urdu



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SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Umara Taufiq
CLASS: - T.Y.B.A

SEMESTER: - V
SUBJECT: Urdu Paper-VI

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Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 27.06.2018	-	45	-	-
			صحافت کی تعریف، اہمیت اور روشن مستقبل	صحافت کا تعارف، فن صحافت
July	12		صحافت کی قسمیں، مثالی صحافی کی خوبیاں	خبروں کی اقسام، اخبار نویس، ذرائع
August	12		کتابوں، اخبار اور رسالوں پر تبصرہ و تجزیہ	اثر ویو، کالم نگاری، ادارہ نگاری
September	12		ایک صحافی کی ذمہ داریاں	اصول صحافت، چیف ایڈٹر اور اسکی ٹیم
October	12		اخبارات کی نمایاں سرخیاں اور ہر عمر کے قارئین کے لیے مضامین	اخبار کی تزئین و آرائش، لے اؤٹ
November	-			
Total	48	45		

Shaikh Umera Taufiq
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SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Umera Taufiq
CLASS: - T.Y.B.A

SEMESTER: VI
SUBJECT: Urdu Paper-VI

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic	
November 27.11.2018	02	45	جنگِ آزادی میں اردو صحافت کا کردار	اردو صحافت کی تاریخ	
December	10		سر سید کے فن ، شخصیت ، خدمات اور رسالہ کا تجزیہ	سر سید احمد خان - رسالہ تہذیب الاخلاق	
January	12		میگزین کی خصوصیات ، زندہ دالان حیدرآباد	شگوفہ میگزین - حیدرآباد	
February	12		فن اور شخصیت، میدان صحافت میں ان کا مقام	مولانا ابوالکلام آزاد - صحافتی خدمات	
March	12		شخصیت کا جائزہ ، سیاسی ، صحافتی اور ادبی خدمات	حسرت موہانی کی سیاسی خدمات	
April	-				
Total	48		45		



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SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - **Shaikh Umera Taufiq**
CLASS: - **T.Y.B.A**

SEMESTER: **V**
SUBJECT: **Urdu Paper-VII**

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 17.06.2018	02	45	-	-
July	10		آغاز و ارتقا اور فنی خصوصیات	صنفِ تمثیل نگاری کا تعارف
August	12		حالاتِ زندگی اور ان کی تمثیل نگاری	ملا وجہی شخصیت اور فن
September	12		سب رس کا تجزیہ، کردار نگاری	سب رس کتاب
October	12		کتاب کا مطالعہ	سب رس کا تنقیدی جائزہ
November	-		سیا و سباق کے حوالے سے	سب رس حوالات
Total	48	45		

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DEPT. OF URDU
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NAME OF TEACHER: - **Shaikh Umera Taufiq**
CLASS: - **T.Y.B.A**

SEMESTER: **VI**
SUBJECT: **Urdu Paper-VII**

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
November	-	45	-	-
27.11.2018	-		داستانِ صنف کی فنی خصوصیت، آغاز و ارتقا	داستان صنف کا تعارف، اجزائے ترکیبی
December	12		شیر علی افسوس، ڈاکٹر جان گلکرسٹ اور حیدر بخش حیدری	فورٹ ولیم کالج کے داستان نگار
January	12		حالاتِ زندگی اور ان کی داستان نگاری	حیدر بخش حیدری شخصیت اور فن
February	12		کردار نگاری، مختلف واقعات	کتاب قصہ حاتم طائی کا تنقیدی جائزہ
March	12		داستان کا تجزیہ	سیاق و سباق کے حوالے سے وضاحت
April	-			
Total	48	45		



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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Umera Taufiq

SEMESTER: V

CLASS: - T.Y.B.A

SUBJECT: Urdu Paper-VIII

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June	02	45	-	-
17.06.2018			اجزائے ترکیبی ، آغاز و ارتقا اور فن خصوصیت	صنف غزل
July	10		حالاتِ زندگی اور غزل گونی	خواجہ میر درد کی شخصیت اور فن
August	12		حالاتِ زندگی اور غزل گونی	خواجہ حیدر علی کی شخصیت اور فن
September	12		10 غزلیں ، تشریح	خواجہ میر درد کی غزلیں
October	12		10 غزلیں ، تشریح	خواجہ حیدر علی کی غزلیں
November	-		تفہیم	غزلیں
Total	48		45	



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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Shaikh Umera Taufiq

SEMESTER: VI

CLASS: - T.Y.B.A

SUBJECT: Urdu Paper-VIII

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
November 27.11.2018	-	45	-	-
			مرثیہ کی فنی خصوصیت، آغاز و ارتقا	مرثیہ کا تعارف، اجزائے ترکیبی
December	12		حالاتِ زندگی اور ان کی مرثیہ نگاری	میر بیر علی انیس شخصیت اور فن
January	12		حالاتِ زندگی اور ان کی مرثیہ نگاری	مرزا سلامت علی دبیر شخصیت اور فن
February	12		مرثیہ کی تفہیم	میر بیر علی انیس کی مرثیہ نگاری
March	12		مرثیہ کی تفہیم	مرزا سلامت علی دبیر کی مرثیہ نگاری
April	-			
Total	48	45		



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Shaikh Umera Taufiq
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DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam

SEMESTER: V

CLASS: - T.Y.B.A

SUBJECT: Urdu Paper-IX

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
June 27.06.2018	-	45	-	-
July	12		ڈرامے کا فن	
August	12		عابد حسین کی ادبی خدمات	
September	12		عابد حسین کے ڈراموں کا جائزہ	
October	12		پردہ غفلت سیاق و سباق کے حوالے سے	
November	-		-	
Total	48	45	-	-



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Arts, Science & Commerce,
Jogeshwari (East), Mumbai-400 060.

Ansari Sabteen Alam
Assistant Professor Urdu

DEPT. OF URDU
SEMESTER WISE TEACHING PLAN 2022-2023

NAME OF TEACHER: - Ansari Sabteen Alam
CLASS: - T.Y.B.A

SEMESTER: VI
SUBJECT: Urdu Paper-IX

Month	No. of Lectures as per time table	No. of Lectures as per Syllabus	Title of Topic to be covered	Key points of topic
November 27.11.2018	02	45	-	-
			اردو ڈرامے کی فن خصوصیات، اجزائے ترکیبی	اردو ڈرامے کا آغاز و ارتقا
December	10		ان کی ڈرامہ نگاری کا احاطہ	ظہیر انور کی حیات و خدمات
January	12		ان ڈراموں کا تجزیہ	بلیک سنڈے، خوابوں کا سویرا، دہشت کا بوجھ اور موت کے سوداگر
February	12		وضاحت مع سیاق و سیاق	بلیک سنڈے، خوابوں کا سویرا، دہشت کا بوجھ اور موت کے سوداگر
March	12			



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Tel. No. (Office) 022-28352881

Tele-Fax (Principal) 022-28202188

No. IYC/

Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- F.Y.B.Sc.

Semester :- I and II

Paper :- I

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June			
July			
August	Unit 1 – Wonders of the Animal World	15	14
September	Unit 2 – Biodiversity and its Conservation	15	16
October	Unit 3 – Footsteps to follow	15	14
	Practicals based on Sem – I P – I		
November	Examinations		
December	Examinations		
January	Unit 1 – Population Ecology	15	16
February	Unit 2 - Ecosystem	15	14
March	Unit 3 – National Parks and Sanctuaries of India	15	15
	Practicals based on Sem – II P - I		
April	Examinations		



Dr. Ulka Aade and Miss. Anjali Garibe

Signature

Faculty member

Head Department of Zoology
विभाग प्रमुख
प्राणीशास्त्र विभाग
इ.यु. महाविद्यालय,
जोगेश्वरी, मुंबई ४०० ०६०.

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No. IYC/

Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- F.Y.B.Sc.


Semester :- I and II

Paper :- II

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June			
July			
August	Unit 1 – Laboratory safety and Units of Measurement	15	14
September	Unit 2 – Animal Biotechnology	15	16
October	Unit 3 – Instrumentation	15	14
	Practicals based on Sem – I P – II		
November	Examinations		
December	Examinations		
January	Unit 1 – Nutrition and Health	15	16
February	Unit 2 – Public health and Hygiene	15	14
March	Unit 3 – Common human diseases	15	15
	Practicals based on Sem – II P - II		
April	Examinations		




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Dr. Ulka Aade and Miss. Varda Kulkarni

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Faculty member

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No. IYC/

Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- S.Y.B.Sc.

Semester :- III and IV


Paper :- I

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Fundamentals of Genetics	15	16
July	Unit 2 – Chromosomes and Heredity	15	14
August	Unit 3 – Nucleic Acids	15	16
	Practicals based on Sem – III P - I		
September	Examinations		
October	Examinations		
November	Unit 1 – Origin and evolution of Life	15	15
December	Unit 2 – Population genetics and evolution	15	15
January	Unit 3 – Scientific attitude methodology, writing and ethics	15	15
February	Practicals based on Sem – IV P - I		
March	Examinations		
April	Examinations		



Dr. Ulka Aade
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No. IYC/

Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- S.Y.B.Sc.

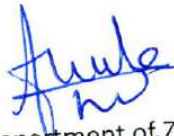
Semester :- III and IV

Paper :- II

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Study of Nutrition and Excretion	15	16
July	Unit 2 – Study of Respiration and Circulation	15	16
August	Unit 3 – Control and coordination, Locomotion and Reproduction	15	16
	Practicals based on Sem – III P – II		
September	Examinations		
October	Examinations		
November	Unit 1 – Cell Biology	15	14
December	Unit 2 – Endo membrane system	15	16
January	Unit 3 – Biomolecules	15	15
February	Practicals based on Sem – IV P - II		
March	Examinations		
April	Examinations		




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Miss. Varda Kulkarni

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Faculty member

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Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- S.Y.B.Sc.

Semester :- III and IV

Paper :- III


Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Ethology	15	15
July	Unit 2 – Parasitology	15	14
August	Unit 3 - Economic Zoology	15	16
September	Practicals based on Sem – III P - III		
October	Examinations		
November	Examinations		
December	Unit 1 – Comparative Embryology	15	17
January	Unit 2 – Aspects of Human Reproduction	15	16
February	Unit 3 – Pollution and its effect on organisms	15	13
	Practicals based on Sem – IV P - III		
March	Examinations		
April	Examinations		



Miss. Anjan Garibe

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Faculty member


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No. IYC/

Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- T.Y.B.Sc.

Semester :- V and VI

Paper :- I

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June			
July	Unit 1 – Principles of Taxonomy	15	14
August	Unit 2 – Kingdom : Animalia I	15	15
September	Unit 3 – Kingdom Animalia II	15	15
October	Unit 4 – Type study : Sepia	15	16
	Practicals based on Sem – V P - I		
November	Examinations		
December	Unit 1 – Phylum Chordata : Group Protochordata and Group Euchordata	15	15
January	Unit 2 – Group Euchordata II	15	15
February	Unit 3 – Group Euchordata III	15	15
March	Unit 4 – Type study : Shark	15	16
	Practicals based on Sem – VI P - I		
April	Examinations		



Miss. Varda Kulkarni

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Subject :- ZOOLOGY

Class :-T.Y.B.Sc.

Semester :- V and VI

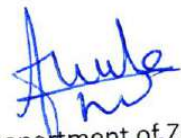
Paper :- II

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Basic Haematology	15	14
July	Unit 2 – Applied Haematology	15	14
August	Unit 3 – Basic Immunology	15	16
September	Unit 4 – Applied Immunology	15	16
	Practicals based on Sem – V P - II		
October	Examinations		
November	Examinations		
December	Unit 1 – Ezymology	15	15
January	Unit 2 – Homeostasis	15	14
February	Unit 3 – Endocrinology	15	16
March	Unit 4 – Animal Tissue Culture	15	16
	Practicals based on Sem – VI P - II		
April	Examinations		



Dr. Ulka Aade
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Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :-T.Y.B.Sc.

Semester :- V and VI

Paper :- III

Faculty Name :-


Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Mammalian Histology	15	13
July	Unit 2 – Toxicology	15	15
August	Unit 3 – General Pathology	15	14
September	Unit 4 – Biostatistics	15	16
	Practicals based on Sem – V P - III		
October	Examinations		
November	Examinations		
December	Unit 1 – Molecular Biology	15	16
January	Unit 2 – Genetic Engineering	15	16
February	Unit 3 – Human Genetics	15	16
March	Unit 4 - Bioinformatics	15	14
	Practicals based on Sem – VI P – III		
April	Examinations		



Prof. Dr. Bhavita Chavan

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Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- T.Y.B.Sc.

Semester :- V and VI

Paper :- IV

Faculty Name :-


Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Integumentary system and derivatives	15	12
July	Unit 2 – Human Osteology	15	14
August	Unit 3 – Muscles of long bones of Human limbs	15	16
September	Unit 4 – Developmental biology of Chick	15	16
	Practicals based on Sem – V P - IV		
October	Examinations		
November	Examinations		
December	Unit 1 – Environment management	15	16
January	Unit 2 – Wildlife management	15	15
February	Unit 3 – Bioprospecting and Zoopharmacognosy	15	16
March	Unit 4 - Zoogeography	15	14
	Practicals based on Sem – VI P - IV		
April	Examinations		



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Date:-

Teaching Plan (2022 - 2023)

Subject :- ZOOLOGY

Class :- T.Y.B.Sc.

Semester :- V and VI

Paper :- AC

Faculty Name :-

Month	Topics to be covered	Assigned Lecture	Lectures undertaken
June	Unit 1 – Zonation in the Sea and Marine biodiversity	15	14
July	Unit 2 – Physical oceanography and ocean related climatic changes	15	16
August	Unit 3 – Chemical oceanography	15	16
September	Unit 4 – Oceanographic Instruments	15	14
	Practicals based on Sem – V Marine Science		
October	Examinations		
November	Examinations		
December	Unit 1 – Introduction to Commercial culture	15	16
January	Unit 2 – Marine Value added products	15	14
February	Unit 3 – Introduction to quality control, preservation and processing	15	15
March	Unit 4 – Fish pathology	15	15
	Practicals based on Sem – VI Marine Science		
April	Examinations		


Dr. Venkatesh Hegde

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Faculty member


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