

Maratha Vidya Prasarak Samaj

G. M. D. Arts, B. W. Commerce and Science College, Sinnar, Dist. Nashik

Affiliated to Savitribai Phule Pune University, Pune

Id.No.PU/NS/ASC/013/1969

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CRITERION 1: CURRICULAR ASPECTS



E-CONTENT

Maratha VidyaPrasarakSamaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar

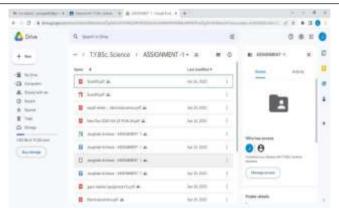
E-Content and Online Teaching Record

Academic Year- 2023-24

Evidences of Videos Lectures on You Tube & Google Classroom

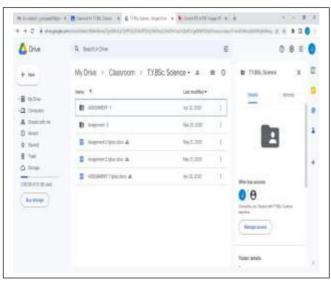


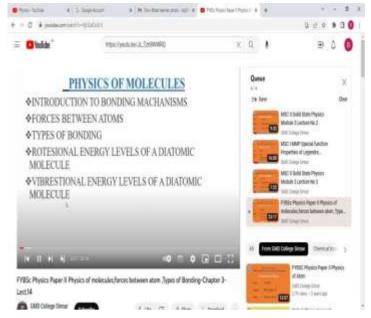






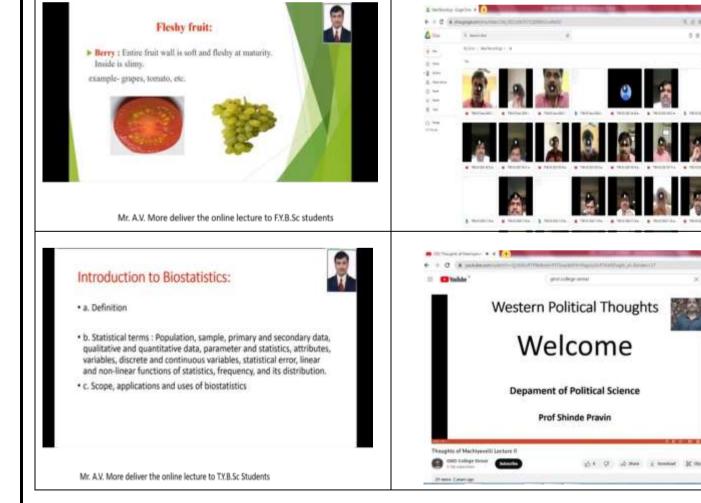


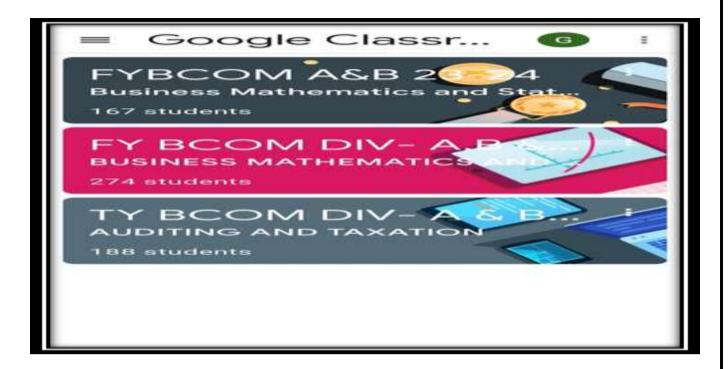






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FY B.Com Sem.II | Business Mathematics & Statistics (124A)| Determinant & Matrices | Dr. G. R. Patil

Lecture No. 1, Chapter: Determinant and Matrices Topic: Definition and types of Matrices

https://youtu.be/gOtRk3Zavuo

Lecture No. 2, Chapter: Determinant and Matrices Topic: ALGEBRA OF MATRICES

https://youtu.be/beM5Px8hUao

Lecture No. 3, Chapter: Determinant and Matrices Topic: ALGEBRA OF MATRICES

https://voutu.be/hhl83WSYR3c

Lecture No. 4, Chapter: Determinant and Matrices Topic: Determinant of a Matrix

https://youtu.be/mcRsL6dmjcY

Lecture No. 5, Chapter: Determinant and Matrices Topic: Determinant of a Matrix

https://youtu.be/kEOwQFR5SWI

Lecture No. 6, Chapter: Determinant and Matrices Topic: Adjoint of a Matrix

https://youtu.be/0PCgHLxFzAo

Lecture No. 7, Chapter: Determinant and Matrices Topic: Inverse of a Matrix

https://youtu.be/csBlkflZ7wM



S.Y.B.COM | SEM-III | CBCS PATTERN | ENVIRONMENTAL AWARENESS | SMT....

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Botany Syllabus completion Report - Year -2023-24

U.G. (Odd Semester)

Name of the Teacher: - Dr. B. W. Chavre

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F. Y. B. Sc (Sem-I)	BO 111: Plant Life Utilization-I	 Introduction Algae Lichens Fungi Bryophytes 	30	100 %	Nil	NA	-
S. Y. B. Sc (Sem-III)	BO 231: Taxonomy of Angiosperm & Plant Ecology	Introduction to Angiosperm Taxonomy Systems of classification Study of plant families Botanical Nomenclature Introduction to Ecology Ecological grouping of the plants	30	100 %	Nil	NA	

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B. Sc (Sem-V)	BO 355: Cell and Molecular Biology	 Introduction to Cell Biology Cell organelles Nucleus Chromosomes Cell signalling Genetic material-DNA DNA replication (Prokaryotes and Eukaryotes) 	30	100 %	Nil	NA	-
		8.Gene expression:Transcription (Prokaryotes in details and passing remarks on Eukaryotes) 9.Translation (Prokaryotes and Eukaryotes) 10. Regulation of gene expression					

Signature of teacher

Head, Dept. of Botany

DEPARTMENT OF BOTANY HEAD

G.M.D.Arts, B.W.Commerce and Science College, Sinnar, Dist. Nashik PRINCIPAL
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik **Department of Botany**

Syllabus completion Report - Year -2023-24

U.G. (Even Semester)

Name of the Teacher: - Dr. B. W. Chavre

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F. Y. B. Sc (Sem-II)	BO 121: Plant Life Utilization- II	 Introduction Pteridophytes Gymnosperms Angiosperms 	30	100 %	Nil	NA	-
S. Y. B. Sc (Sem-IV)	BO 241: Plant Anatomy & Embryology	Plant Anatomy 1. Introduction 2. Epidermal tissue system 3. Mechanical tissue system 4. Normal secondary growth 5. Anomalous secondary growth	30	100 %	Nil	NA	-
		Plant Embryology 6. Introduction 7. Microsporangium and male gametophyte 8. Megasporangium and female gametophyte			2		

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		Pollination and Fertilization 10. Endosperm and embryo					
T.Y.B. Sc (Sem-VI)	BO 361: Plant Physiology & Metabolism	 Mineral nutrition Photosynthesis Respiration Stomatal Biology Translocation in phloem Plant growth regulators Photomorphogenesis 	30	100 %	Nil	NA	-

Signature of teacher

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Botany

Syllabus completion Report - Year -2023-24

Name of the Faculty: - Mr. More Akshay Vijay

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Sem-I)	Bo-111 Plant Morphology and Anatomy	 Morphology Morphology of reproductive parts. Anatomy Types of tissue Internal organization of primary plant body. 	15	100 %	Nil	NA	-
TYBSc (Sem-I)	BO 353 Spermatophyta and Paleobotany	 Origin of angiosperms Speciation & Endemism Classification Herbaria and Botanical Gardens 	15	100 %	Nil	NA	-
TYBSc (Sem-I)	BO 355 Cell and Molecular Biology	 Introduction to Cell Biology Cell organelles Nucleus Chromosomes Cell signaling 	15	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		 6. Genetic material DNA 7. DNA replication 8. Gene expression 9. Translation 10. Regulation of gene expression 					
TYBSc (Sem-I)	BO 356 Genetics	Introduction to Genetics Mendelism Neo Mendelism (Gene					
		Interaction) 4. Multiple alleles 5. Linkage, Recombination and Crossing Over 6. Mutation 7. Numerical alterations of chromosomes 8. Structural alterations of chromosomes 9. Cytoplasmic & Quantitative Inheritance 10. Sex Linked Inheritance	15	100 %	Nil	NA	

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-I)	BO 3510 Medicinal Botany	 Medicinal Plants Indigenous Medicinal Sciences Ayurveda Siddha Unani Conservation of endangered and endemic medicinal plants Propagation of Medicinal Plants Ethnobotany and Folk medicines Folk medicines 	30	100 %	Nil	NA	
TYBSc (Sem-I)	BO 3511 Plant Diversity and Human Health	 Plant diversity Agrobiodiversity Loss of Biodiversity Management of Plant Biodiversity Conservation of Biodiversity Role of plants in relation to Human Welfare 	30	100 %	Nil	NA	

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of Botany

Syllabus completion Report - Year -2023-24

Name of the Faculty: - Mr. More Akshay Vijay

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Sem-II)	BO-121 Principles of plant science	Plant Physiology & Cell Biology Molecular Biology.	30	100 %	Nil	NA	Ē
TYBSc (Sem-II)	BO 363 Plant Pathology	 Fundamentals of Plant Pathology Disease Development Defense Mechanisms Methods of Studying Plant Diseases Fungal Plant Diseases Bacterial Plant Diseases Mycoplasma Plant Diseases Nematodal Plant Diseases Viral Plant Diseases Non-Parasitic Diseases 	30	100 %	Nil	NA	•

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		11. Principles of plant diseases control					
TYBSc (Sem-II)	BO 364 Evolution and Population genetics	 Organic Evolution Evidences of Evolution Evolution Through Ages Population Genetics and Evolution Speciation and Isolating Mechanisms 	30	100 %	Nil	NA	
TYBSc (Sem-II)	BO 366 Plant Breeding and Seed Technology	 Introduction Techniques and practices of plant breeding Advanced techniques in Plant breeding Introduction to Seed Technology Seed legislation Seed Production Seed Certification Seed Pathology and Entomology Seed Storage 	30	100 %	Nil	NA	

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-II)	BO 3610 Nursery and Gardening Management	 Nursery Seed Vegetative propagation Gardening Sowing/raising of seeds and seedlings 	30	100 %	Nil	NA	-
TYBSc (Sem-II)	BO 3611 Biofertilizers	 Introduction Bacterial Biofertilizers Algal Biofertilizers Fungal Biofertilizers Compost and Manure 	30	100 %	Nil	NA	-

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of Computer Science

Syllabus completion Report - Year -2023-24

(U.G) (Odd Semester)

Name of the Faculty: - Smt.Lahamage Namrata Vitthal

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y. B.Sc(Comp.Sci) Sem-I		Problem Solving using Computer and 'C' Programming CS101	1. Problem Solving Aspects 2. 'C' Fundamentals 3. Control Structures 4. Functions 5. Arrays	30	100 %	Nil	NA	¥
S.Y.B.Sc(Comp.Sci) Sem-III		Data Structures and Algorithms – I CS 231	1. Introduction to Data Structures and Algorithm Analysis 2. Array as a Data Structure 3. Linked List 4. Stack	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
-			5. Queue					
T.Y.B.Sc(Comp.Sci) Sem-V		Object Oriented Programming using Java - I CS-355	An Introduction to Java Objects and Classes Inheritance and Interface Exception and File Handling User Interface with AWT and Swing	36	100 %	Nil	NA	-
Sem-V		Theoretical Computer Science CS-356	 Finite Automaton Regular Expressions and Languages Context-Free Grammars and Languages Push Down Automata Turing Machine 	36	100 %	Nil	NA	-

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of Physics

Syllabus completion Report - Year -2023-24 (U.G.) (Even Semester)

Name of the Faculty: - Smt. Lahamage Namrata Vitthal

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y. B.Sc(Comp.Sci) Sem-II		Advanced 'C' Programming CS201	 Pointers Strings Structures and Unions. File Handling Pre-processor 	30	100 %	Nil	NA	-
S.Y.B.Sc(Comp.Sci) Sem-IV		DATA STRUCTURES AND ALGORITHMS-II CS 241	 Tree Efficient Search Trees Graph Hash Table 	36	100 %	Nil	NA	-
T.Y.B.Sc(Comp.Sci) Sem-VI		Data Analytics CS-364	Introduction to Data Analytics Machine Learning	36	100 %	Nil	NA	-

		Overview 3. Mining Frequent Patterns, Associations, and Correlations 4. Social Media and Text Analytics					
T.Y.B.Sc(Comp.Sci) Sem-VI	Object Oriented Programming using Java – II CS- 365	 Collections Multithreading Database Programming Servlets and JSP Spring Framework 	36	100 %	Nil	NA	-
T.Y.B.Sc(Comp.Sci) Sem-VI	Compiler Construction CS- 366	 Introduction Lexical Analysis (Scanner) Syntax Analysis (Parser) Syntax Directed Definition Code Generation and Optimization 	36	100 %	Nil	NA	-

Head, Dept be Computer science

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Computer Science

Syllabus completion Report - Year -2023-24 (U.G.) (Even Semester)

Name of the Faculty: - Smt. J. J. Bhangre

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Comp. Sci.) (Sem-II)	A	Instrumentation System (ELC-121)	Introduction to Instrumentation System Sensors and Actuators Smart Instrumentation System and Smart Sensors Op-AMP as signal Conditioner	36	100 %	Nil	NA	-
FYBSc (Comp. Sci.) (Sem-II)	A	Basics of Computer Organization (ELC-122)	 Flip-flops Linear Programming Shift registers and Counters Basics of Computer System 	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4. Memory Organization					
FYBSc (Comp. Sci.) (Sem-II)	A	Practical Course (ELC-123)	GROUP A (Minimum 4/8): 1. Use of LDR to control light intensity 2. Use of OPAMP as comparator and its use in DC motor driving. 3. Build and test Inverting and non inverting amplifier using OPAMP. 4. Build and test adder and subtractor circuits using OPAMP. 4. Build and test adder and subtractor circuits using OPAMP. 1. Study of RS, JK and D flip flops using NAND gates 2. Study of asynchronous Up/Down Counter 3. Study of decade counter IC circuit configurations 4. Study of 4-bit SISO Shift register and it's	40	100 %	Nil	NA	

Class	DIV	Title of the paper with code	before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Comp. Sci.) (Sem-IV)	A	Embedded System Design (ELC-241)	1. Introduction to Embedded systems using single board computers (SBC) 2. Architecture of System on Chip (SOC) 3. Programming using Python 4. Interfacing of devices using Python Programming	36	100 %	Nil	NA	-
SYBSc (Comp. Sci.) (Sem-IV)	A	Wireless Communication and Internet of Things (ELC242)	Wireless Communication: Cellular Telephony Short Range Wireless Technologies and Location Tracking IoT Architecture IoT Applications	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Comp. Sci.)	A	Practical Course (ELC-243)	Group A: 1. Programming of					
(Sem-IV)		(ELC-243)	Raspberry Pi to control LEDs attached to the GPIO pins 2. Programming of Raspberry Pi to get feedback from a switch connected to the GPIO pins 3. Programming of Raspberry Pi to detect light intensity using photocell sensor 4. Programming of Raspberry Pi for Motion detection Group B: 1. Study of RFID system 2. Introduction to Python programming. 3. To study Arduino based LED switching using mobile 4. Temperature and	40	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			humidity sensing using Arduino					

DEPARTMENT OF COMPUTER SCIENCE G.M.D. Arts, B.W. Commercia and Science College, Sinnar

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G.M.D.Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Computer Science

Syllabus completion Report - Year -2023-24 (U.G.) (Odd Semester)

Name of the Faculty: - Smt. Jayshree J. Bhangre

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Comp. Sci.) (Sem-I)	A	Semiconductor Devices and Basic Electronic System (ELC-111)	 Semiconductor Diodes Bipolar Junction Transistor (BJT) MOSFET POWER SUPPLY OSCILLATORS DATA CONVERTERS 	36	100%	Nil	NA	-
FYBSc (Comp. Sci.) (Sem-I)	A	Principles of Digital Electronics (ELC-112)	 Number Systems and Digital codes Logic gates and Boolean Algebra Combinational Circuits 	36	100%	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Comp. Sci.) (Sem-I)	A	Practical Course (ELC-113)	 Group A: Study of half wave, full wave and bridge rectifier circuit with and without capacitor filters Study of Bipolar Junction Transistor as a Switch. Study of 4-Bit R-2R Ladder Network type of DAC. Study of 3-bit Flash ADC. Group B: Study of Logic Gates (Verification of Truth tables) Study of Binary to Gray & Gray to Binary Converter (K-Map based design). Study of Half Adder and Full Adder using Logic Gates. 	40	100%	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			 4. Use of Ex-OR as a 4-bit Parity Checker and Generator. 5. Study of Decimal to BCD/ (Binary) Converter 					
SYBSc (Comp. Sci.) (Sem-III)	A	Microcontroller Architecture & Programming (ELC 231)	 Basics of Microcontroller & Intel 8051 architecture Programming model of 8051 Timer /Counter, Interrupts Interfacing, Serial Communication 	36	100%	Nil	NA	-
SYBSc (Comp. Sci.) (Sem-III)	A	Digital Communication and Networking (ELC- 232)	Introduction to Electronic Communication Modulation and Demodulation Multiplexing, Spectrum Spreading and Media Access Control	36	100%	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4. Computer Networking					
SYBSc (Comp. Sci.) (Sem-III)	A	Practical Course (ELC-233)	Group A: 1. Arithmetic, logical & code conversion problems using assembly/C programming 2. Interfacing of thumbwheel & seven segment display to 8051 microcontroller 3. Interfacing LCD to 8051Microcontroller 4. Waveform generation using DAC Interface to 8051Microcontroller 5. Speed Control of stepper motor using 8051 microcontroller Group B:	40	100%	Nil	NA	
8			1. Study of Frequency Shift Keying					

Class DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		 Study of Time Division Multiplexing Study of Error detection and correction by using Hamming Code technique Study of Computer network components: Cables, Connectors, Routers, Switches, Ethernet and related interfacing cards To study Configuration of IP and MAC address and to study Local Area Network setup 					

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Computer Science

Syllabus completion Report - Year -2023-24 (U.G.) (Odd Semester)

Name of the Faculty: - SMT:-SHRADDHA. A. DHIKLE

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Comp. Sci.)	A	Software Engineering (CS 232)	1. Title: Introduction To Software Engineering and Process Models 2. Title: Agile Development 3. Title: Requirements Analysis 4. Title: Requirements Modeling	30	100 %	Nil	NA	-
TYBSc (Comp. Sci.)	A	Operating Systems – I (CS-351)	 Introduction to Operating Systems Processes and Threads Process Scheduling Synchronization Memory Management 	36	100 %	Nil	NA	-

Class	DIV	Title of the paper	Name of the chapter up to	No. of	Percentage	Name of	In how	Remark
		with code	before the examination	period used up to	of syllabus completed	remaining chapter	many periods remaining chapters will be completed	
TYBSc (Comp. Sci.)	A	Computer Networks - II (CS - 352)	Application Layer Multimedia Cryptography and Network Security Security in the Internet	36	100 %	Nil	NA	
TYBSc (Comp. Sci.)	A	Blockchain Technology (CS-3511)	 Introduction to Blockchain How Blockchain Works? Smart Contracts 	36	100 %	Nil	NA	
TYBSc (Comp. Sci.)	A	Practical Course based on CS - 353 and CS - 354	 HTML and HTML5.0 CSS, Box Model Navigation Bar Bootstrap Function and StrinG Arrays Files Databases (PHP-PostgreSQL) 	36	100 %	Nil	NA	-
TYBSc (Comp. Sci.)	A	Practical Course based on CS - 351	1. Operations on processes: (2 slot) (Create a child process using fork() and commands like exec(),execv() and	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		4	execvp()) 2. Simulation of Operating System Shell and its working (commands)(2 slots)	, a	/	ii e	-	
			 Simulation of CPU Scheduling Algorithms – FCFS, SJF, Priority and Round Robin(4• slots) 					
			4. Simulation of demand paging algorithms – FIFO, 5. LRU, OPT, MFU(4 slots)					

DEPARTMENT OF COMPUTER SCIENCE G.M.D. Arts, B.W. Commerce and Science College, Sinnar

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Science College, Sinnar, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Computer Science

Syllabus completion Report - Year -2023-24 (U.G.) (Even Semester)

Name of the Faculty: - SMT:-SHRADDHA. A. DHIKLE

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Comp. Sci.)	A	Relational Database Management Systems (CS-122)	1. Relational Database Design Using PLSQL 2. Transaction Concepts and concurrency control 3. Database Integrity and Security Concepts 4. Crash Recovery 5. Other Databases	30	100 %	Nil	NA	-
SYBSc (Comp. Sci.)	A	Computer Networks – I (CS 242)	 Introduction to Networks and Network Models Lower Layers Network Layer Transport Layer 	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Comp. Sci.)	A	Operating Systems – II (CS-361)	Process Deadlocks File system Management Disk scheduling Introduction to Distributed operating systems & Architecture Mobile Operating Systems	36	100 %	Nil	NA	
TYBSc (Comp. Sci.)	A	Web Technologies – II (CS – 363)	 Introduction to Web Techniques XML Java Script and Jquery AJAX PHP framework Codelgniter 	36	100 %	Nil	NA	<u>-</u>
TYBSc (Comp. Sci.)	Α	Data Analytics (CS – 364)	 Introduction to Data Analytics Machine Learning Overview Mining Frequent Patterns, Associations, and Correlations Social Media and Text Analytics 	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Comp. Sci.)	Α	Software Testing Tools (CS – 3610)	 Introduction to Test case design Test cases for simple programs Test cases and Test plan Defect Report Testing Tools 	36	100 %	Nil	NA	-
TYBSc (Comp. Sci.)	A	Practical Course based on CS - 361	 Simulation of Banker's algorithm of deadlock avoidance in processes of operating system (3 slots) Simulation of File Allocation methods and free space management in storage – Contiguous allocation, Linked allocation, Indexed allocation (4 slots) Simulation of Disk Scheduling algorithms – FCFS, SSTF, Scan, Look (2 slots) Assignment based on 	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Comp. Sci.)	Α	Practical Course based on CS - 363 and CS - 364	 1: Self Processing Forms, Sticky Forms, File Upload. COOKIES and SESSIONS. XML documents and DOM JavaScript :Ajax PHP framework Codelgniter 	36	100 %	Nil	NA	

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Microbiology

Syllabus completion Report - Year -2023-24 (U.G.) Odd Semester-II)

Name of the Faculty: - Smt. Kute D.M.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y.BSC (Sem-I)	В	MB-112 Basic technique in microbiology	Units of measuerement- Introduction to modern SI units. Microscopy Staining technique Sterilization and disinfection.	30	100 %	Nil	NA	
S.Y.B.Sc (SEM-III)	В	MB 211 Medical Microbiology and immunology	 Medical microbiology Study of pathogens Introduction to chemotherapy. Immunology Immunity Formation of blood cells Antigens and antibodies: definations and concept Immunohematology 	30	100%	Nil	NA	-

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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			e) Active and Passive immunization.					
T.Y.B.Sc (SEM-V)	A	MB -352 Immunology	 Organs of immune system Innate immunity Antigen Immunoglobulins Antigen and antibody interactions Major Histocompatibility Complex Transplantation and immunity Hybridoma technology and monoclonal antibodies. 	30	100%	Nil	NA	-
T.Y.B.Sc (SEM-V)	A	MB-353 Enzymology	 Structure of enzymes Enzyme assays Principles and methods of enzyme purification Enzyme kinetics Metabolic regulations Immobilization of enzymes. 	30	100%	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B.Sc (SEM-V)	A	MB-354 Genetics	 DNA Replication and gene expression Prokaryotic and Eukaryotic Transcription Regulation of transcription. Translation in Prokaryotes and Eukaryotes. Gene transfer and mapping technique. 	30	100%	Nil	NA	
T.Y.B.Sc (SEM-V)	A	MB-3510 Marine Microbiology	 Marine ecology and sampling. Marine microbes role in bioremediation and bioprospecting. 	30	100%	Nil	NA	-

Head, Dept of Microbiology

DEPARTMENT OF MICROBIOLOGY

G.M.D. Arts, B.W. Commerce, and Science College, Sinnar





Name of the Faculty: - Miss. Adsare J.R.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y.BSC (Sem-I)	В	MB-111 Introduction to microbial world	 Developement of microbiology as a discipline. Golden era of microbiology. Modern Era microbiology. Nobel laureates in life sciences of 21 century. Types of microorganisms. Beneficial and harmful effects of microorganisms. 	30	100 %	Nil	NA	_
S.Y.B.Sc (SEM-III)	В	MB-212 Bacterial physiology and Fermentation technology	 Bacterial physiology Enzymes Fermentation technology Concept of fermentation technology. Strains of industrially important microorganisms. 	30	100%	Nil	NA	-

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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			 c) Design of fermenter. d) Monitoring of different fermentation parameters. e) Types of fermentation. f) Media for indusrial fermentation. g) Contaminations 					
T.Y.B.Sc (SEM-V)	A	MB-351 Medical Microbiology I	Introduction to infectious diseases and epidemiology Study of bacterial pathogens.	30	100%	Nil	NA	-
T.Y.B.Sc (SEM-V)	A	MB-355 Fermentation Technology I	1. Upstream process of fermentation a) Strain improvement. b) Media optimization. c) Sterilization of media. d) Scale up and scale down.	30	100%	Nil	NA	-
	6		2. Downstream Processing and quality assurance of fermentation product.					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B.Sc (SEM-V)		MB-356 Agricultural Microbiology	Plant Pathology Microorganisms in sustainable agriculture Tools in plant genetic engineering.	30	100%	Nil	NA	-
T.Y.B.Sc (SEM-V)		MB-3511 Dairy Microbiology	 Defination, types, microflora and pathogens Processing technique and naturally occurring preservatives Spoilage of milk. Microbiological aspects of quality control and quality assurance in production of milk and milk products. 	30	100%	Nil	NA	-

Head, Dept of Microbiology

DEPARTMENT OF MICROBIOLOGY

G.M.D. Arts, B.W. Commerce,
and Science College, Sinnar

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Science College, Sinnar, Dist. Nashik



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Microbiology Syllabus completion Report - Year -2023-24 (U.G.) Even Semester-II)

Name of the Faculty: - Smt. Kute D.M.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y.BSC (Sem-II)	В	MB-121 Bacterial cell and biochemistry	 Bacterial cytology Chemical basis of microbiology Carbohydrates Lipids Proteins Nucleic acids Classification of bacteria Classification of viruses 	30	100 %	Nil	NA	_
T. Y. B.Sc (Sem-VI)	A	MB-362 Immunology	Adaptive/Humoral Cytokines immunity Hypersensitivity Autoimmunity and Autoimmune diseases. Immunodeficiency.	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T. Y. B.Sc (Sem-VI)	A	MB-366 Food Microbiology	 Introduction to properties of food and spoilage of food. Food preservation and food in relation to disease. 	30	100%	Nil	NA	-
T. Y. B.Sc (Sem-VI)	A	MB-3611 Nanobiotechnology	 1. Introduction to Nanobiotechnology 2. Microbial mediated metallic nanoparticles synthesis. 3. Characterization technique for nanomaterials. 4. Application of nanoparticles 	30	100%	Nil	NA	

Head, Dept. of Microbiology

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DEPARTMENT OF MICROBIOLOGY

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Science College, Sinnar, Dist. Nashik



Name of the Faculty: - Miss. Adsare J.R.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y.BSC (Sem-II)	В	MB-122 Microbial cultivation and growth	Cultivation of Microorganisms Bacterial growth	30	100 %	Nil	NA	-
S.Y.B.Sc (SEM-IV)	В	MB- 222 Air, Water and Soil Microbiology	Air microbiology Water microbiology Soil microbiology	30	100%	Nil	NA	-
T. Y. B.Sc (Sem-VI)	A	MB-361 Medical Microbiology II	Chemotherapy. Human and Animal Viruses, Fungal and protozoal pathogens.	30	100%	Nil	NA	

T. Y. B.Sc (Sem-VI)	A	MB-365 Fermentation Technology -II	 Solid state and submerged state fermentations and large scale fermentation. Large scale production of enzymes, steroids, biomass based products, milk products, vaccines, immunes rea, and modern trends in microbial production. 	30	100%	Nil	NA	-	
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Head, Dept. of Microbiology

G.M.D. Arts, B.W. Commerce, and Science College, Sinnar

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Science College, Sinnar, Dist. Nashik



Name of the Faculty: - Miss.P.B.Thombare

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
S.Y.B.Sc (SEM-IV)	В	MB 221 Bacterial genetics	 Understanding DNA Prokaryotic DNA replication. Gene expression Mutation and reversions Plasmid genetics 	30	100%	Nil	NA	- The same
T. Y. B.Sc (Sem-VI)	A	MB-363 Metabolism	 1. Membrane transport and bioenergetics 2. Metabolic pathway and autotrophy. a. biosynthesis and degredation b. Bacterial photosynthesis c. Chemolithotrophy. 	30	100%	Nil	NA	-
T. Y. B.Sc (Sem-VI)	A	MB-364 Molecular biology	 1. Genetic recombination and bacteriophage genetics. 2. DNA damage and repair mechanism, 	30	100%	Nil	NA	-

SINNAR 422 103	
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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Recombinant DNA technology.					
T. Y. B.Sc (Sem-VI)	A	MB-3610 Waste Management	Liquid waste management Solid waste management and hazardous waste	30	100%	Nil	NA	-

Fields Signature of faculty

Head, Dept. of Microbiology
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DEPARTMENT OF MICROBIOLOGY
G.M.D. Arts, B.W. Commerce,
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Science College, Sinnar, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of B.VOC

Food Processing and Preservation

Syllabus completion Report - Year -2023-24

(U.G.) (Even Semester)

Name of the Faculty: - Smt. Pranali A. Aher

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FY BVOC FPP SEM- 2	FPP-111- Food Biochemistry	 Carbohydrates Protein in Food. Lipids in food Vitamin & Enzyme Nucleic acids 	48	100 %	Nil	NA	-
FY BVOC FPP SEM- 2	FPP-112- Food Microbiology	 Factors affecting growth and survival of microorganism Deterioration and spoilage of various types of food products Food borne infections 	36	100 %	Nil	NA	-



Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		and food poisoning 4. Principles of food preservation					
FY BVOC FPP SEM- 2	FPP-113 Processing Technology of Fruits & Vegetables	1. Unit 1 2. Unit 2 3. Unit 3 4. Unit 4	36	100 %	Nil	NA	-
TY BVOC FPP SEM- 6	FPP-311- Food Safety, Hygiene & Sanitation	 Contamination Food Born Diseases Personal Hygiene & safety Sanitary procedures 	36	100 %	Nil	NA	-
TY BVOC FPP SEM- 6	FPP- 312- Waste & By-products Utilization	1. Unit 1 2. Unit 2 3. Unit 3 4. Unit 4	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark	SIL
TY BVOC FPP	FPP-313- Novel Food Processing Technologies	1. Unit 1 2. Unit 2 3. Unit 3 4. Unit 4	36					

Smt. P. A. Aher

Head, Dept. of B.Voc FPP

Head
Department of Vocation and Orocessing & Preservation 3 M.D. Arts B.W. Commerce and Spiritude College Sinnar

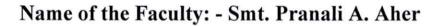
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of B.VOC

Food Processing and Preservation

Syllabus completion Report - Year -2023-24

(U.G.) (Odd Semester)



Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FY B.VOC FPP	FPP-101- General Biochemistry and	Carbohydrates & Proteins					
SEM- I	Microbiology	2. Lipids & Nucleic acids 3. Introduction and Scope of Microbiology 4. General Account of Viruses and Bacteria:	46	100 %	Nil	NA	-



Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark 422
FY B.VOC FPP SEM- I	FPP-102- Fundamentals of Food and Nutrition	1. Unit 1 2. Unit 2 3. Unit 3 4. Unit 4	32	100 %	Nil	NA	-
FY B.VOC FPP SEM- I	FPP- 103- Principles of food preservation	1. Unit 1 2. Unit 2 3. Unit 3 4. Unit 4	32	100 %	Nil	NA	-
T Y B.VOC FPP SEM- V	FPP- 301 Food Regulation & Quality Control	 Physical and Chemical Contaminants Microbiology Food Safety Control of Food Safety and Quality Management Food safety issues; 	32	100%	Nil	NA	-

T Y B.VOC FPP SEM- V	FPP-302- Food Packaging Technology	Introduction & Impact on the environment Glass bottles Metal packaging, Metals and internal coatings Paper and board and Plastic packaging	32	100%	Nil	NA	-
T Y B.VOC FPP SEM- V	FPP-303- Spices Flavor Technology	1. Flavours in industries 2. Major Spices & Minor Spices 3. Types and sources of flavours 4. Extraction and analysis of flavour components	32	100%	Nil	NA	

AM

Signature of faculty

SM+ P. A. Aher

Head, Dept. B. Voc of FPP

Head
Department of Vocation at
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3 M.D. Arts B.W. Commerce
and Science Collège Sir par

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G.M.D. Arts, B.W. Commerce and
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of Livestock production and Management.

Syllabus completion Report - Year -2023-24 (U.G) (Odd Semester)

Name of the Faculty: Smt Sapana Shantaram Bhamare

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y. B. Voc (Sem-I)	LPM-101: Livestock Production Management-I	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV 5. Unit-V 6. Unit-VI 7. Unit-VII		100 %	Nil	NA	-
	LPM-102: Animal Nutrition and Feed Technology	 Unit-I Unit-II Unit-III Unit-IV Unit-V 			5	·	

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	LPM-103: Fodder Production and Grassland Management	6. Unit-VI 7. Unit-I 1. Unit I 2. Unit II 3. Unit III 4. Unit IV					
	LPM-301: Epidemiology and Zoonoses	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV 5. Unit-V					
T.Y. B. Voc (Sem-VI)	LPM-302. Pet Animal Breeding and Management	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV 5. Unit-V	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	LPM – 303: Veterinary Clinical Medicine-I	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV 5. Unit-V					

Head, Dept. of LPM

Department of Vocational
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G.M.D. Arts B.W. Commerce
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G.M.D. Arts, B.W. Commerce and Science College, Sinner, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of Livestock Production and Management Syllabus completion Report - Year -2023-24 (U.G) (Even Semester)

Name of the Faculty: - Smt Sapana Shantaram Bhamare

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F .Y. B. Voc	LPM-111 Livestock production and management-II	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV					
(Sem-II)	LPM-112 Avian production management	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	LPM-113 Applied nutrition	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV					
T.Y. B. Voc (Sem-VI)	LPM-311 Livestock economics and marketing	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV 5. Unit-V					
* • \$	LPM-312 Veterinary Clinical Medicine-II	1. Unit-I 2. Unit-II 3. Unit-III 4. Unit-IV	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	LPM-313 Commercial poultry production and hatchery management-II	1. Unit-I 2. Unit-II 3. Unit-III					

Head, Dept. of LPM

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G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik Department of Commerce

Syllabus Completion Report - Year -2023-24

(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Prof. Kardak S. B.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-IV)	A	Business Management (244)	1.Improving peoples' performance: Motivating the staff 2. organizing from front Leadership Skills 3. Achieving success at work: Coordination and Control 4. Emerging trends in Business management	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	В	Business Management (244)	1.Improving peoples' performance: Motivating the staff 2. organizing from front Leadership Skills 3. Achieving success at work: Coordination and Control 4. Emerging trends in	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Business management					
SYBCOM (Sem-IV)	A	Business Administration- I (246A)	 Legal Aspects (Recent Trends) Productivity Business Liaoning Business Alliances (growth strategies) 	48	100 %	Nil	NA	- 1
FYBCOM (Sem-III)	A	Business Environment & Entrepreneurship - I	1. Business Environment 2. Impact of Liberalization ,Privatization and Globalization on Cooperative movement 3. Co-operative Education and Training:.	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	A	Business Administration-III (366A)	Production Management Functions Plant Location and Plant Layout	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			 3. Inventory management & Quality Management 4. Supply Chain Management and Logistics management 	-				

HEAD

DEPARTMENT OF COMMERCE

G.M.D. Arts. of Commercerce

Head. Dept. of Commercerce

Head. Clerice College, Sinnar

PRINCIPAL
G.M.D. Arts, B.W. Commerce and
delence Gol grintipa, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik **Department of Commerce**

Syllabus Completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: - Prof. Kardak S. B.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-IV)	A	Business Management (244)	1.Improving peoples' performance: Motivating the staff 2. organizing from front Leadership Skills 3. Achieving success at work: Coordination and Control 4. Emerging trends in Business management	48	100 %	Nil	NA	
SYBCOM (Sem-IV)	В	Business Management (244)	1.Improving peoples' performance: Motivating the staff 2. organizing from front Leadership Skills 3. Achieving success at work: Coordination and Control 4. Emerging trends in	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Business management		1			
SYBCOM (Sem-IV)	A	Business Administration- I (246A)	Legal Aspects (Recent Trends) Productivity Business Liaoning Business Alliances (growth strategies)	48	100 %	Nil	NA	-
FYBCOM (Sem-III)	A	Business Environment & Entrepreneurship - I	1. Business Environment 2. Impact of Liberalization ,Privatization and Globalization on Co- operative movement 3. Co-operative Education and Training:.	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	A	Business Administration-III (366A)	Production Management Functions Plant Location and Plant Layout	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			 3. Inventory management & Quality Management 4. Supply Chain Management and Logistics management 					

HEAD
DEPARTMENT OF COMMERCE
G.M.D. Arts. B W. Commerce
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Commerce

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Dr. Ganesh R. Patil

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-I)	A	Business Mathematics and Statistics I (114A)	 Interest and Annuity Shares and Mutual Funds Population and Sample Measures of Central Tendency and Measures of Dispersion 	48	100 %	Nil	NA	-
FYBCOM (Sem-I)	В	Business Mathematics and Statistics I (114A)	Interest and Annuity Shares and Mutual Funds Population and Sample Measures of Central Tendency and Measures of Dispersion	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-I)	C	Business Mathematics and Statistics I (114A)	Interest and Annuity Shares and Mutual Funds Population and Sample Measures of Central Tendency and Measures of Dispersion.	48	100 %	Nil	NA	-
TYBCOM (Sem-V)	A	Auditing and Taxation (354)	Introduction to Principles of Auditing and Audit Process Checking, Vouching and Audit Report Company Audit and Tax Audit Audit of Computerized Systems& Forensic Audit	48	100 %	Nil	NA	
TYBCOM (Sem-V)	В	Auditing and Taxation (354)	5. Introduction to Principles of Auditing and Audit Process 6. Checking, Vouching and Audit Report 7. Company Audit and Tax Audit 8. Audit of Computerized	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Systems& Forensic Audit					
MCOM (Sem-III)	A	Research Methodology for Business (302)	 Introduction to Business Research Formulation of the Research Problem, Development of the Research Hypotheses, Research Design& Sampling Data Collection, Measurement & Scaling, Processing of Data: Sources of Data Collection Research Report and Mode of Citation & Bibliography 	48	100 %	Nil	NA	

Signature of faculty
(DR. G.R. PATIL)

Head, Dept. of Commerce
G.M.D. Arts, B.W. Commerce
And Science Coffege, Sinnar

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Commerce

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: - Dr. Ganesh R. Patil

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-II)	A	Business Mathematics and Statistics II (124A)	 Matrices and Determinants (up to order 3 only) Linear Programming Problems (LPP) (for two variables only) Correlation and Regression Index numbers 	48	100 %	Nil	NA	-
FYBCOM (Sem-II)	В	Business Mathematics and Statistics II (124A)	Matrices and Determinants (up to order 3 only) Linear Programming Problems (LPP) (for	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			two variables only) 3. Correlation and Regression 4. Index numbers	a :				
FYBCOM (Sem-II)	С	Business Mathematics and Statistics II (124A)	1. Matrices and Determinants (up to order 3 only) 2. Linear Programming Problems (LPP) (for two variables only) 3. Correlation and Regression 4. Index numbers	48	100 %	Nil	NA	
TYBCOM (Sem-VI)	A	Auditing and Taxation (364)	Income Tax Act1961- Important Definitions and Concepts Sources and Computation of Taxable Income under the various Heads of Income Computation of Total	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
a			Taxable Income (TTI)and tax liability 4. E-Filing and E- provisions		Δ.			
TYBCOM (Sem-VI)	В	Auditing and Taxation (364)	 Income Tax Act1961- Important Definitions and Concepts Sources and Computation of Taxable Income under the various Heads of Income Computation of Total Taxable Income (TTI) and tax liability E-Filing and E-provisions 	48	100 %	Nil	NA	

(DR. G.R. PATIL)

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G.M.D. Ans, B.W. Commerce
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G.M.D. Aris, B.W. Commerce and Science College, Page 356 Shik

G.M.D. Arts, D.W. Commerce and Science College, Sinna Dist.- Nashik

Department of Commerce

Syllabus Completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Smt.K.S.Shete

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-III)	A	Business Communication (231)	 Introduction of Business Communication Business Letters Soft Skills Resume Writing & Job Application 	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	В	Business Communication (231)	 Introduction of Business Communication Business Letters Soft Skills Resume Writing & Job Application 	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-III)	A	Business Entrepreneurship-I (236G)	Entrepreneur and Entrepreneurship Management New Age Entrepreneur Creativity and Innovation Business Ethics and Social Responsibility of Business	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	A	Environmental Awareness	 Introduction to Environmental Studies Ecosystem Natural Resources Biodiversity and Its Conservation 	48	100 %	Nil	NA	-
TYBCOM (Sem-V)	A	Marketing Management-II (355H)	 Market Demand and Sales Forecasting Marketing of Non- Profit Organisation Changing Role of Marketing Organizations Brand Building 	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	-	d	Strategy	a a	-			-
TYBCOM (Sem-V)	A	Marketing Management-III (356H)	 Introduction to Advertising Appeals & Approaches in Advertisement Economic, Social & Regulatory Aspects of Advertising Brands and Brands Management 	48	100 %	Nil	NA	
MCOM (Sem-III)	A	Specialised Auditing (304)	Audit under Tax Laws Internal Audit Audit of Banks Audit of Co-operative Societies	48	100 %	Nil	NA	* * * * * * * * * * * * * * * * * * *

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DEPARTMENT OF COMMERCE
Head Dept. of Commerce
And Science College, Sinnar

G.M.D. Arts, B.W. Complete and Science College, Tincipal Dist Nashib

Syllabus Completion Report - Year -2023-24

(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Smt.K.S.Shete

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-IV)	A	Business Communication (241)	Report Writing and Internal Correspondence Recent Trends in Business Communication Types & Drafting of Business Letters Writing Formal Mails & Blog Writing	48	100 %	Nil	NA	
SYBCOM (Sem-IV)	В	Business Communication (241)	Report Writing and Internal Correspondence Recent Trends in Business Communication Types & Drafting of	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Business Letters 4. Writing Formal Mails & Blog Writing	,			. '	
SYBCOM (Sem-IV)	В	Business Entrepreneurship-I (246G)	1. Group Entrepreneurship 2. Various Entrepreneurial Opportunities 3. Study of Entrepreneurs or Enterprises 4. Challenges in Entrepreneurship Developments	48	100 %	Nil	NA	
SYBCOM (Sem-IV)	A	Environmental Awareness(249)	5. Environmental Pollution 6. Environmental Policies & Practices 7. Human Communities & the Environment 8. Field Visit	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	A	Marketing Management-II	Agricultural Marketing Marketing Regulations	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	-	(365H)	3. Global Marketing4. Cyber Security Marketing					
TYBCOM (Sem-VI)	A	Marketing Management-III (366H)	 Service Marketing Creative Advertisement Introduction to Social Media Marketing Marketing Control & Audit 	48	100 %	Nil	NA	-
MCOM-II (Sem-IV)	A	Recent Advances in Accounting, Taxation & Auditing (403)	 Technology Based Accounting Tax Reforms in India Advanced Accounting for Corporates Emerging Trends in Accounting 	48	100 %	Nil	NA	-

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And Science College, Sinnar

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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Dr. C. E. Gurule

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom.	В	Compulsory English	Prose: Unit 1 The Beggar- Anton Chekhov Unit 2 Black Money and the Black Economy - C. Rammanohar Reddy Unit: 3 The Nightingale and the Rose- Oscar Wilde Unit 4 Muhammad Yunis: An Economics for peace- Farida Khan Poetry: Unit 1 Up-hill- Cristina Rosseti Unit 2 Stay Calm - Grenville Kleiser Communication and Life Skills Unit 1 Meeting and Greeting People and Dialogue Unit 2 Group Discussion and Interview Unit 3 Presentation Skills	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA	*	Optional English	Prose Pieces: Short Stories: Poetry: Language Studies: Introduction to the Sounds of English: Part - I	48	100 %	Nil	NA	-
SYBA		Special Paper-II	A) Theory of Poetry B) Poems: 1. The Nightingale- Philip Sidney 2. Sonnet 3- William Shakespeare 3. The Sun Rising- John Donne 4. London- William Blake 5. Ode on a Grecian Urn- John Keats 6. To a Skylark- P. B. Shelley	48	100 %	Nil	NA	8-
ТУВА		Compulsory English	Unit-I- Prose (12 Clock Hours) 1. The Phantom Luncheon – Saki 2. Function of Education – J. Krishnamurti 3. God sees the Truth but Waits – Leo Tolstoy Unit-II- Poetry (12 Clock Hours) 1. The Neutral Tones – Thomas Hardy 2. Strange Meeting – Wilfred Owen 3. Have you got a brook in your little heart – Emily Dickinson Unit-III- Grammar (08 Clock Hours) Unit-IV- Writing (08 Clock Hours) Unit-V- Soft Skills and Employability	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Skills (05 Clock Hours)				2	
MA-I		Background to English Literature	A Survey of Periods in the History of British Literature A Survey of Periods in the History of American Literature	48	100 %	Nil	NA	

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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: - Dr. C.E.Gurule

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom.	В	Compulsory English	Prose: Unit 1: Indra Nooyi: A Corporate Giant - Indra Krishnamurthy Nooyi Unit 2: Appro JRD - Sudha Murth Unit 3: Fur - Saki Unit 4: After Twenty Years - O'Henry Poetry: Unit 5: O Captain! My Captain Unit 6:The Prayer for My Daughterr - W B Yeasts Communication & Life Skills Unit 7:Letter Writing, Report Writing & Blog Writing Unit 8: Resume Writing & E-Mail	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Unit 9: Non-Verbal Communcation	9 K :				
FYBA		Optional English	Prose Pieces: Short Stories: Poetry; Language Studies: Introduction to the Sounds of English: Part - II	48	100 %	Nil	NA	-
SYBA		Special Paper-II	Poems 1. My Last Duchess- Robert Browning 2. Sailing to Byzantium- W. B. Yeats 3. Futility- Wilfred Owen 4. A Bird Came Down the Walk- Emily Dickinson 5. Talking in Their Sleep- Edith M. Thomas	Ph.s.				
			6. What Is Life- John Clare 7. Sympathy- Paul Laurence Dunbar 8. The Awakening- James Weldon Johnson 9. The Wind- Amy Lowell 10. Freedom- Rabindranath Tagore 11. Caged Bird- Maya Angelou 12. Failure of Communication- Judith Wright	48	100 %	Nil	NA	#

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA		Compulsory English	Unit-I- Prose (12 Clock Hours) 1. Shakespeare's Sister – Virginia Woolf 2. After Twenty Years – O. Henry 3. The Conjuror's Revenge – Stephen Leacock Unit-II- Poetry (12 Clock Hours) 1. The Man of Life Upright – Thomas, Campion 2. Money Madness – D.H. Lawrence 3. The Toys – Coventry Patmore Unit-III- Grammar (08 Clock Hours) Unit-IV- Writing (08 Clock Hours) Unit-V- Soft Skills and Employability Skills (05 Clock Hours)	48	100 %	Nil	NA	
MA		Background to English Literature	A survey of Indian English Literature A survey of World Literature in English Translation (European, South Asian and African)	1		a a		

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Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Dr. S. R. Shinde

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percenta ge of syllabus complete d	Name of remaining chapter	In how many periods remaining chapters will be completed
FYBA (Sem-I)	С	Compulsory English (11001)	Prose: 1. Engine Trouble — R. K. Narayan 2. On Saying 'Please' — A. G. Gardiner 3. The Gift of the Magi — O. Henry Poetry: 1. A Red, Red Rose — Robert Burns				
			 Leave this Chanting and Singing — Rabindranath Tagore The Felling of a Banyan Tree — Dilip Chitre Grammar: Articles Prepositions Verbs 	48	100 %	Nil	NA -

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percenta ge of syllabus complete d	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Regular and Irregular Verbs	212 2				
*, 's 1 de			Auxiliary Verbs: Primary and Modal	1 1 1 1		albert y		
		e i na indicata O i na indicata	4. Punctuation		N 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 22, 6		
11.30	æ =		Communication Skills:			ne i		
·			1. Greeting and Taking Leave	o* .				383
			2. Introducing Yourself		₹ .			
			3. Introducing People to One Another			. v . 18		1.36
			4. Making Requests and Asking for Directions	in co				
			5. Making and Accepting Apology					1000
TYBA(S em-5)	Gen III		Unit-I- Exploring Careers (12 Clock Hours) 1. Creative Writing					
ciii-3)	,		2. Translation				4,	
			3. Mass Communication and Journalism			g 7	1 1 1	
		-, "	4. Academia and Other Careers	-			F-9	
			Unit-II- Basic Preparation for Jobs (08 Clock Hours) 1. Application Letter and Résumé Writing	48	100 %	Nil	NA	<u>=</u>
4			2. GDPI	A 1		Ð	2	
		100	3. Writing Notices and Agendas					
	1	1	4. Writing Minutes			1 7		
1 ,,			Unit-III- English for Employability Skills (13 Clock Hours)	T -		- ,		
			1. Style and Techniques for Effective Communication			=		

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percenta ge of syllabus complete d	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			 Description, Narration and Demonstration in English Soft Skills for Employers Soft Skills for Employees Unit-IV- English for Corporate Field (12 Clock 					
			Hours) 1. English for Sales Services 2. English for Customer Services 3. Presentation Skills 4. Writing a Project Report		5		# T #1	e
MA-I (Sem-I)	C	Contempor ary Studies in English	Unit-1: Introduction to Linguistics and Contemporary Theories/Views of Language Unit-II: Phonology Unit-III: Morphology Unit-IV: SYNTAX	48	100 %	Nil	NA .	
MA-I (Sem-I)		Research Methodolo gy	Unit I: Basics of Research 15 Clock hours 1.1 Definition and Nature of Research 1.2 Types of Research 1.3 Objectives of Research 1.4 Research Theories: Empirical Research, Inductive Research, Deductive Research 1.5 Research Methods: Statistical, Sampling, Applied, Case Study, Survey, Experimental Interviews, questionnaires etc. 1.6 Concept of Ethics in Research	48	100 %	Nil	NA	
		⊕ 2 ³	Unit II: Research Design 15 Clock hours	8		7 3 8		F 1

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percenta ge of syllabus complete d	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			2.1 Identifying the Research Problem					
		F	2.2 Hypothesis and its Types		1 2 2 3			=1
	- 1 ¥ 1	A1	2.3 Review of Literature		1 2 4 2	e 23		
		er lette	2.4 Rationale and Significance of the Research					
*	-		2.5 Defining Aims and Objectives of the Research2.6 Defining Scope and Limitations of Research2.7 Bibliography and Citation					
		1.5						
			Unit: III—Resources for Research 15 Clock				1 1 2	
			hours					
		17 L 1	3. 1 Primary and Secondary Recourses					
			3. 2 Anthologies, Biographies, Anthropologies,				2,11	y
		p 1 .	Ethnographies, Encyclopedia, and Thesaurus				White and	
	*		as Resources for Research	100		77 14 40		
	1	n"	3. 3 Oral Traditions, Manuscripts, Monographs,					
		1	Newspaper Articles, Magazines, Journals,			8	2 4	
			Translations as Research tools.					
		2 ₁₁ ×	3. 4 E-Resources – e-books, e-journals, Web-		. 3	te e	3	
			references, Web -Search Engines, Virtual	* 1	*		7 5	
			Libraries, CDs, DVDs.					
			3. 5 Library Catalogue, Museums, Monuments, and					
*		×	Govt. Publications/ documents as		á			40
		,	resources for research.	2.0				
		1		¥(2 2 1			in .
			Unit IV: Research Domains 15 Clock hours			- 2		
			4. 1 Literary Research and Research in other					
			disciplines.		2 22		A Silving	
			4. 2 Types of Literary Research: Interpretative,	X			14	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percenta ge of syllabus complete d	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Comparative, Analytical, Theoretical, Biographical. 4. 3 Research Methods for Research in Literature 4. 4 Research Methods for Research in Language. 4. 5 Use of Literary and Linguistic Theories in Research. 4. 6 Emerging Research Areas in Language and Literature					
MA-II (Sem-I)		Applied Linguistics (30602)	Unit-I: Introduction 15 clock hours a) Unit-II: Language and mind 15 clock hours Unit-III: Language teaching methods Unit-IV: Curriculum designing and production of instructional materials-	48	100 %	Nil	NA	: -

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G.M.D. Arts, B.W. Commerce
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G. M. D. Arts. B. W. Commerce and
Science College, Sinnar, Dist. Nashik

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: - Dr. S. R. Shinde

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	Compulsory English (12001)	Prose: 1. In Sahyadri Hills, A Lesson in Humility — Sudha Murthy 2. The Model Millionaire — Oscar Wilde		100.07			
			3. The Eyes are not Here — Ruskin Bond Poetry: 1. My Heart Leaps Up — William Wordsworth 2. Ozymandias — P. B.	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
5 14 ° 1			Shelley 3. Success is Counted Sweetest — Emily Dickinson				a 11 g	
			Grammar: 1. Tenses 2. Subject-Verb Agreement 3. Vocabulary Communication Skills 1. Inviting and Accepting/Declining					
			Invitations 2. Making a Complaint 3. Congratulating, Expressing Sympathy and Offering Condolences 4. Making Suggestions, Offering Advice and Persuading					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA(Sem- 5)		Enhancing Employability Skills (36333)	Unit-V- English for Competitive Examinations Unit-VI- English for Research Purposes (11 Clock Hours)					
Fig. 1			Unit-VII- Content Writing	48	100 %	Nil	NA	
			Unit-VIII- English for Advertising					
MA-I (Sem- I)	С	Contemporary Studies in English	Unit-I: Sociolinguistics Unit-II: Semantics					
, j e	= (S _p)	(20603)	, Unit-III: Speech Act Theory and Discourse Analysis Unit-IV: Syntax	48	100 %	Nil	NA	, , .
MA-I (Sem- I)		On Job Training	Guidance and Implimentation	12		Nil	NA	
MA- I & II (Sem-I)		Applied Linguistics (40602)	Unit-I: Teaching of language and literature Unit-II: Testing and evaluation	48	100 %	Nil	NA	-

Class		DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Unit-III: Stylistics and literary appreciation Unit-IV: Translation		i gawi			8 8

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Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Smt. S.S.Zade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSC	A	A English Language	Unit:I:Literature 1 A Shadow: R. K. Narayan 2. La Belle Dame Sans Merci: John Keats 3. Where the Mind is without Fear: R. Tagore Unit-II: Conversation Skills 1. Introducing Yourself and others 2. Asking, Giving and Refusing Permission 3. Describing Daily Routine 4. Complaining and Apologising	48	100 %	Nil	NA	-
	4		Unit 3: Interview Skills 1. Job Application Letter 2. Resume Writing 3. Group Discussion and Personal Interview 4. Presentation	A .				, , , , , , , , , , , , , , , , , , ,

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCS	A	Communication Language	Unit 1:Literature 1 A Shadow: R. K. Narayan 4. La Belle Dame Sans Merci: John Keats 5. Where the Mind is without Fear: R.		1-9			
			Tagore Unit-II: Conversation Skills 5. Introducing Yourself and others 6. Asking, Giving and Refusing Permission 7. Describing Daily Routine 8. Complaining and Apologising Unit 3: Interview Skills 5. Job Application Letter 6. Resume Writing 7. Group Discussion and Personal Interview Presentation	48	100 %	Nil	NA	-
SYBA (Sem- III)	A	Compulsory English (23001)	Unit-I- Prose 1. A Simple Philosophy- Seathl 2. The Homecoming- Rabindranath Tagore 3. The Verger- Somerset Maugham Unit-II- Poetry 1. The Palanquin Bearers- Sarojini Naidu	48	100 %	Nil	NA	=

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		The second secon	2. On the Grasshopper and the Cricket- John Keats3. Pied Beauty- George Manley Hopkins Unit-III- Grammar					
			 The Passive Voice Direct and Indirect Speech Negative Sentences Unit-IV- Vocabulary 					
		No.	 One-word substitutes Idioms Suffixes and prefixes 					
			Unit-V- Soft Skills 1. Leadership skills 2. Teamwork skills					
MA-I	1.2	English Literature-I	POETRY: A) Orientation: Background to poetry in the Renaissance		3 :		3	
	-1-		period and the Neoclassical period B) Text/s:	» i j	-51		jer a	
			1. Sonnet 19: "When I Consider How My Light Is Spent" (On His Blindness) by John Milton				i.	
	2 .1	F //	2. Sonnet 130: "My mistress' eyes are				P 12	

Class		DIV	Title o paper code	f the with	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			•	4 4 4	nothing like the sun" by William Shakespeare 3. "The Canonization" by John Donne					2 1 1
* * * * * * * * * * * * * * * * * * *					 4. "The Fair Singer" by Andrew Marvell 5. "His Return to London" by Robert Herrick 6. "The Spring" by Thomas Carew Unit II DRAMA: 					
					A) Orientation: Background to English tragedies in the Renaissance period and the Neoclassical period B) Text/s:					A + 3 - 3
	4 21		*		Romeo and Juliet by William Shakespeare Unit III NOVEL: A) Orientation:	* *				N

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	Te i		Rise of the Novel in the 18th Century B) Text/s: Robinson Crusoe by Daniel Defoe					
MA-II (Sem-III)	3.1	Indian Writing in English	Unit-I: Kanthapura- Raja Rao Unit-II: Nectar in a Sieve- Kamala Markandaya Unit-III: Derozio to Naidu- Henry Derozio: 1) Freedom to the Slave 2) The Orphan Girl Toru Dutt: 1) Sita 2) The Sower Manmohan Ghose: 1) Can IT Be? Sri Aurobindo: 1) Rose of God 2) The	48	100 %	Nil	NA	
			Tiger and the Deer Rabindranath Tagore: 1) Defamation 2) Little Flute Sarojini Naidu: 1) Autumn Song 2) Summer Woods					

Class DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		Unit-IV: My Days: A Memoir- R. K. Narayan	1 1 2 1 1 X			1.00	
MA-II (Sem-III) 3.4	Indian Writing in English Translation	Unit-I: Poetry Thiruvalluvar, From Thirukkural, Chapter 5 ("Family Life") & Chapter 79 ("On Friendship") Akkamahadevi, "Would a circling surface vulture" Kabirdas, i) "Hey Brother, Why do you Want me to Talk?" ii) "I won't Come" Mirabai, i) "Life in the World", ii) "Strange is the Path when you Offer Love" Atukuri Molla, From Molla Ramayanam "My Father Kesava", "I am no Scholar" Sant Tukaram, From Dilip Chitre's Says Tuka Part IV, Section 1, Poem 1 "Being in Turmoil" Jogeshwari, "If fortune has brought you my way at last" Unit-II:Short story Suresh Joshi, "The	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code		No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Patch" Bashir Akhtar, "Some Poses, Some Snaps"		0.8			
	* -		Binodini Devi MK, "Tune" Unit III: Novel Gopinath Mohanty, Paraja					
* *			Unit IV: Drama Vijay Tendulkar, Vultures	*				

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DEPARTMENT OF ENGLISH
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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: Smt. S.S.Zade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA	A	Compulsary English	Unit - I - Prose					N. P. M.
(Sem- IV)		(24001)	The Chicago Speech - Swami Vivekananda The Lottery Ticket - Anton Chekhov					
			3) The Open Window - Saki (H.H.Munro)	48	100 %	Nil	NA	-
	,	1	Unit - II - Poetry	,		2)		-
			1) On Another's Sorrow - William Blake	£	* ,2			
	- : • ^E 1	* p * * * * * * * * * * * * * * * * * *	2) Laugh and Be Merry - John			. ,		(*)

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	-		Mansfield 3) The Rock and the Bubble - Louisa May Alcott			1 12		
			Unit - III - Grammar 1) Question Tags 2) Simple, Compound and Complex sentences					
			3) Question Tags 4) Simple, Compound and Complex sentences 5) Degrees of Comparison					
	res G		Unit - IV- Vocabulary 1) Collocations: Words that go together					
			2) Phrasal Verbs 3) Commonly Confused Words					***

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Unit - V -Soft Skills 1) Problem- Solving Skills 2) Time Management					
SYBSC (Sem- IV)		English	UNIT-I-LITERATURE 1. Short Story: i) My Lost Dollar: Stephen Leacock					
			2. Poetry: i) The Bird Sanctuary: Sarojini Naidu ii) Stopping by Woods on a	48	100%	Nil	NA	
	3 =		Snowy Evening: Robert Frost UNIT-II-WRITING SKILLS (Sample Passages, Useful Techniques and Exercises)					

Class	DIV	Title of the with code	paper	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
2 8 th W 12 th	7.72			1. Notices	195	Total Land	201		
				2. Agenda	* 10 p			1/ 10 1/2	
				3. Minutes	10 G =	-	=		- "
		3 4 5 1		4. Content Writing				* 1 m	
				UNIT-III-SOFT SKILLS	- 8)* 1V			
	w			AND PERSONALITY DEVELOPMENT					
				(Sample Situations, Useful Techniques and Exercises)					
	12			1. An Introduction to Soft Skills					
. 8	Œ.	* * * * * * * * * * * * * * * * * * * *		2. SWOC Analysis					
				3. Goal Setting	a C				
SYBCS		EU-L		4. Project Management				= 1	
(Sem-IV)	h.	English		UNIT-I-LITERATURE 1. Short Story:	48	100%	Nil	NA	1 1
e	*	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	i) My Lost Dollar: Stephen	- 1 · 3	= ₹€:	will e	5.1	0

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	040		Leacock 2. Poetry:					
			i) The Bird Sanctuary:Sarojini Naiduii) Stopping by Woods on aSnowy Evening: Robert Frost	* 1	The second secon			
			UNIT-II-WRITING SKILLS					
			(Sample Passages, Useful Techniques and Exercises)					
			 Notices Agenda Minutes 	N 17 _ 1			- 12 - 12 - 12 - 13 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14	2 S
			4. Content Writing UNIT-III-SOFT SKILLS AND PERSONALITY DEVELOPMENT	5 <u>-</u> 2	2 -		-	
* 12 Y		v r a)	(Sample Situations, Useful	7.5	* s	15 S. T.	. , -:	2 2 E

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	1		Techniques and Exercises)					
	147		1. An Introduction to Soft Skills	p = _				= -
== *5	ia 		2. SWOC Analysis		e e e e e e e e e e e e e e e e e e e	· · · · · ·		5. 3.
			3. Goal Setting			· Dan and a		
	*		4. Project Management					
MA-II (Sem-IV)	4.1	Indian Writing in English	Unit-I: The God of Small Things - Arundhati Roy					
		gradition with a second	Unit-II: The White Tiger - Aravind Adiga	* * ***		, ,	* *	
*		3 7	Unit-III: Poetry					*
			1) Dom Moraes :	48	100 %	Nil	NA	-
			i) Absences	ŧ			- 2	
			ii) The Garden	* 1			**	
			2) Nissim Ezekiel			2 1		
	a 35		i) Urban	,1 — 4 ₀	*	= 1		

	the paper Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	ii) Philosophy 3) Kamala Das: The Sunshine Cat	an i		1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 3 1	
	4) A.K.Ramanujan: Still Another View Of Grace					V See at a second
	5) Jayant Mahapatra: A Missing Person					
	6) Arun Kolatkar: The Indicator					
29	7) Eunice De Souza: Catholic Mother					
	8) Vikram Seth: Sit	4		. 0		
1 - , ,	Unit - IV - Nagmandala - Girish Karnad		10 to 10 to			

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA-II (Sem-IV)	4.4	Indian Literature in English Translation	Unit-I: Poetry 1) Farewell to the world (Stanza 1-10) - Mary John Tottam (Sr. Mary Benigna)					
	# 1		2) Man and God - Mohammad Iqbal					
			3) Draupadi - Sutapa Bhattacharya					
132			4) White Paper - Nara (VN Rao) 5) These my Words - Hiren Bhattacharya	48	100 %	Nil	NA	
	1 a		6) Daily Wages - Amrita Pritam	\$ p				47 · · ·
			7) Cycle Rikshaw - Raghuvir Sahay	*		1. A	· · · · · · · · · · · · · · · · · · ·	* 1 2
			8) The Character I Created - Chandrasekher Kambar				# E	2 1
		*** *** ******************************	9) Poetry Notebook - Namdeo Dhasal	v .		= 1		

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
5.7 A			10) Spellbound - Indira Saint Unit - II: Fiction					
8			1) Fire,My Witness (Agnisakshi) - Lalithambika Antharjanam Unit - III : Drama				V	4 1 ·
			1) Tughlaq - Girish Karnad Unit - IV: Autobiography 1) Karukku - Bama, Trans, Lakshmi Holmstrom.					
MA-I (Sem- II)	*	20 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	POETRY: A) Orientation:					
*-	-		Introduction to the epics in English literature B) Text/s:	48	100 %	Nil	NA	<u>.</u>
= 1			The Faerie Queene (Book-I) by Edmund Spenser					611

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			DRAMA: A) Orientation:					
*			Background to English comedies in the Renaissance period and the Neoclassical Period			* 1		
			B) Text/s: She Stoops to Conquer by Oliver Goldsmith					

Stale

Signature of Faculty



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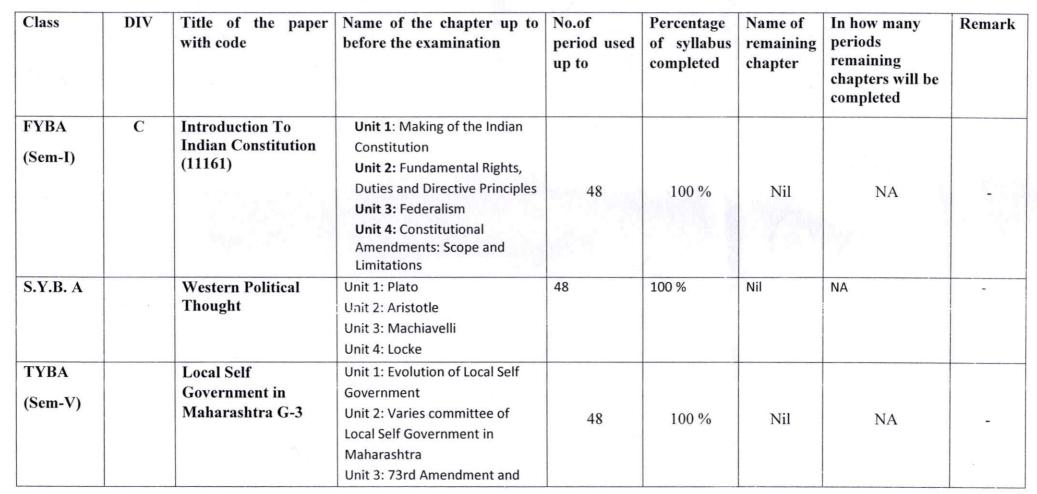
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Political Science Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Smt. A. R. Pagar





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Rural Bodies Unit 4: 73rd Constitutional Amendment and Rural Bodies					
MA I, (Sem-I)		POL 501 MJ : Western Political Thought	 Plato Thomas Hobbes John Stuart Mill Karl Marx 	60	100 %	Nil	NA	
MA II (Sem-III)		Modern Political Thought	 Foreign Policy Intervention and coercive Impact of world Trade on Politics Challenges before the nation Environmental Issues and the nation 	60	100 %	Nil	NA	_

Signature of faculty

Sm4. Pagar AR

Head, Dept. Of Political Sci. HEAD

DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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G.M.D.Arts, B.W. Commerce and
Science college, Sinnar, Dist. Nashik.

Page 2 of 2

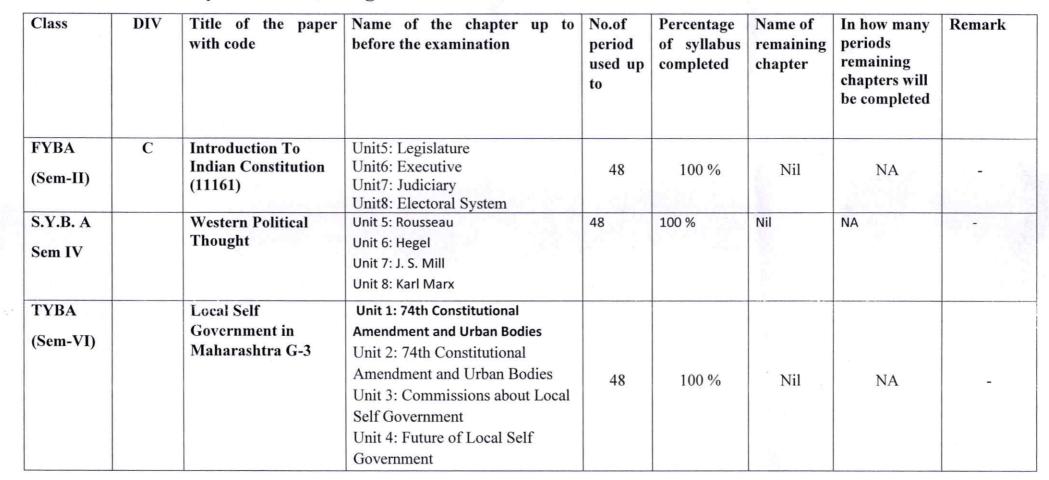
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Department of Political Science

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Smt. A. R. Pagar





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA I, (Sem-II)		POL 551 MJ : Comparative Political Analysis	Comparative Politics Approaches to the study of Comparative Politics Parties and Pressure Groups Non State Political Actors	60	100 %	Nil	NA	
MA II (Sem-IV)		Fundamentals Of Political Theory	 Political Theory: Meaning, Nature and Scope Liberty, Equality and Fraternity Justice, Rights, Citizenship 4. Power, Authority and Legitimacy State, Democracy, Civil Society 	30	100 %	Nil	NA	-

Signature of faculty

Smr. Pagar Al

Head, Dept. of Political Sci. HEAD

DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Political Science Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Arun Ambadas Pote

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	INTRODUCTION TO INDIAN CONSTITUTION (11161)	Unit 1: Making of the Indian Constitution Unit 2: Fundamental Rights, Duties and Directive Principles Unit 3: Federalism Unit 4: Constitutional Amendments: Scope and Limitations	48	100 %	Nil	NA	- 1
SYBA SPL II (Sem-III)	A	Political Journalism SPL II , SEM III (23162)	Unit 1: An introduction to Political Journalism Unit 2: Agencies of Political Unit 3: History of Political Journalism Unit 4: Methods of Political Journalism	48	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-V)	A	PUBLIC ADMINISTRATION SEM V (SPL III) 35162	Unit 1: Public Administration Unit 2: New Public Unit 3: Approaches to Public Administration Unit 4: Governance	48	100 %	Nil	NA	-
MA I, (Sem-I)	A	POL 502 MJ : Administrative Theory	 Major Approaches to Public Theories of Public New Trends in Public Administration Governance 	60	100 %	Nil	NA	
MA II (Sem-III)	A	PO-O9 Indian Administration – Structure and Organization	Evolution and Constitutional Framework Central Administration Civil Services in india State Administration	60	100 %	Nil	NA	

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of Political Science



Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: - Arun Ambadas Pote

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	INTRODUCTION TO INDIAN CONSTITUTION (11162)	Unit 5: Legislature Unit 6: Executive Unit 7: Judiciary Unit 8: Electoral System	48	100 %	Nil	NA	-
SYBA SPL II (Sem-IV)	A	POLITICAL JOURNALISM (24162)	Unit 5: Indian Political Process & Journalism Unit 6: Mediatisation of Politics Unit 7: Media & Public Opinion Unit 8: Challenges before Political Journalism	48	100 %	Nil	NA	-
TYBA (Sem-VI)	A	PUBLIC ADMINISTRATION SEM VI, (SPL- III)	Unit 1: Bureaucracy Unit 2: Personnel Administration Unit 3: Budgeting Unit 4: Accountability and Control	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA I, (Sem-II)	A	POL 552 MJ : Public Policy	Public Policy and Major Approaches Making and Implementation of Policy Evaluation of Policies Globalization and Public Policy	30	100 %	Nil	NA	-
MA II (Sem-IV)	A	PO-C12 Politics and Society	1. Introduction 2. Inter- relationship between Politics and Society 3. Politics, Society and Economy 4. Social Movements and Development	30	100 %	Nil	NA	-

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DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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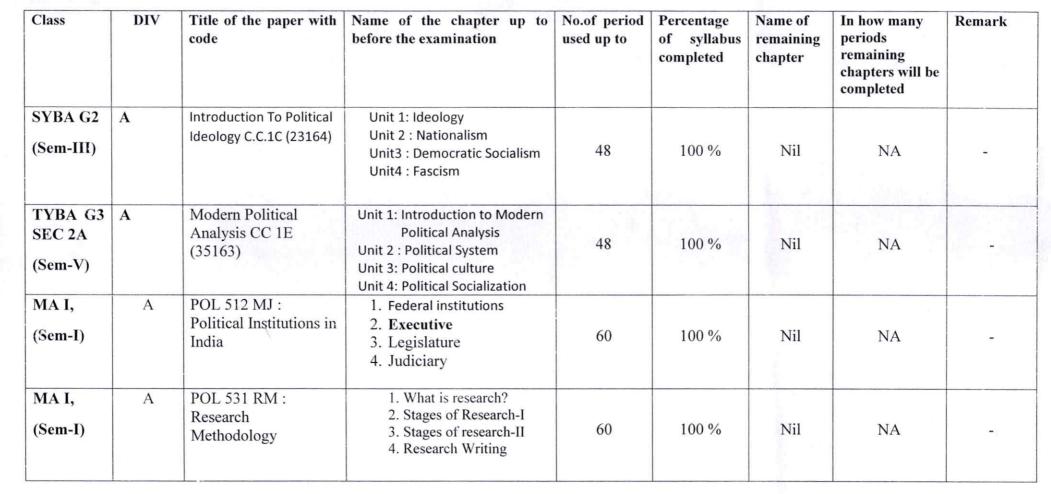
G.M.D. Arts, B. . Commerce and Science College Sinnar. Dist- Nashik

Department of Political Science

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Dr.Rajendra Dilip Agwane





Class	DIV	Title of the paper wit	Name of the chapter up to before the examination	No.of pericused up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA II (Sem-III)	A	PO-C8 Political Sociology	Nature and Scope Intellectual Foundations Political culture and Socialization Political Participation and Public Opinion Political Development and Change	60	100 %	Nil	NA	
MA II (Sem-III)	A	PO-O9 Indian Administration – Structure and Organization	3. Civil Services in India 4. State Administration 5. Issues in Indian Administration	30	100 %	Nil	NA	•

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DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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Department of Political Science

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Even Semester)



Name of the Faculty: - Dr.Rajendra Dilip Agwane

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA G2 (Sem-IV)	A	Introduction To Political Ideology C.C.1D (24164)	Unit 5: Marxism Unit 6: Phule-Ambekarism Unit 7: Gandhism Unit 8: Feminism	48	100 %	Nil	NA	-
TYBA G3 SEC 2A (Sem-VI)	A	Modern Political Analysis (36163)	Unit 5: Political Participation Unit 6: Political Elite Unit 7: Political Communication Unit 8: Power, Influence, Authority and Legitimacy	48	100 %	Nil	NA	
MA I, (Sem-II)	A	POL 563-MJ: Indian Administration- Structure and Organization	Evolution and Constitutional Framework Central Administration Civil Services in India Issues in Indian Administration	60	100 %	Nil	NA	-
MA II (Sem-IV)	A	PO-C11 Political Process in India	Nature Of party and electoral politics Centre –State Financial Relations	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	None of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
7			 3. Centre-State Political Relations 4. Social Determinants of State Politics 5. Politics of mass mobilization 					
MA II (Sem-IV)	A	PO-C12 Politics and Society	3. Politics, Society and Economy 4. Social Movements and Development 5. Issues in Society and Politics	30	100 %	Nil	NA	-

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DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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Department of Political Science

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Abhin Sampat Pote

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	В	Introduction To Indian Constitution (11161)	Unit 1: Making of the Indian Constitution Unit 2: Fundamental Rights, Duties and Directive Principles Unit 3: Federalism Unit 4: Constitutional Amendments: Scope and Limitations	48	100 %	Nil	NA	- -
SYBA (SEC) (Sem-III)	A	Basic Of Indian Constitution Sec 2a (23165)	UNIT – 1 Making of the Indian Constitution UNIT – 2 Fundamental Rights	08	100 %	Nil	NA	-
TYBA (Sem-V)	A	International Relation Spl. IV	Unit 1: Introduction to International Relations Unit 2: Approaches to International Relations Unit 3: World War II and the Cold War	48	100 %	Nil	NA	



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Unit 4: International Organizations			= =		
MA I,	A	POL 503 MJ:	1. Approaches to International					
		Theories and	Politics					
(Sem-I)		Issues in	2. Geopolitical Issues	60	100 %	Nil	NA	
		International	3. Changing International Political					
		Politics	Order since World War II					
			4. Contemporary concerns					
MA II	A	PO-C9 World	1. Foreign Policy					
/A ***		Politics-New	Intervention and coercive					
(Sem-III)		Developments	Impact of world Trade on	60	100 %	Nil	NA	
			Politics	00	100 76	INII	INA	N 7 W.
			4. Challenges before the nation	Section States		1		
			5. Environmental Issues and the		14 . 144.64	P. 75		
			nation			100		

Head, Dept. of Political Sci.

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DEPARTMENT OF POLITICAL SCIENCE
G.M.D. Arts, B.W. Commerce
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Political Science

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)



Name of the Faculty: - Abhin Sampat Pote

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remar k
FYBA (Sem-II)	A	INTRODUCTION TO INDIAN CONSTITUTION (11162)	Unit 5: Legislature Unit 6: Executive Unit 7: Judiciary Unit 8: Electoral System	48	100 %	Nil	NA	-
SYBA SEC 2A (Sem-IV)	A	BASIC OF INDIAN CONSTITUTION SEC 2A (24165)	UNIT – I . Fundamental Duties UNIT - II . Fundamental Rights	48	100 %	Nil	NA	-
TYBA (Sem-VI)	A	International Relation Spl. IV	Unit 1: The Theory of Non- Alignment Unit 2: Globalization Unit 3: International Political Economy Unit 4: Contemporary Global Issues	48	100 %	Nil	NA	-
MA I, (Sem-II)	A	POL 553 MJ : India's Foreign Policy	 Nature and Determinants of India's Foreign Policy Making of Foreign Policy: Actors and Processes Evolution of Indian Foreign 	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period und up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remar k
			Policy 4. India as a Rising Power					
MA II (Sem-IV)	A	PO-O15 Election Studies	History of Election Studies Overview of Elections in India Research Methods Major Determinants of Election Practices of Election Commission of India	60	100 %	Nil	NA	-

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DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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G.M.D. Arts, B. Commerce and Science College nnar. Dist- Nashik

Department of Psychology

Syllabus completion Report - Year -2023-24

(U.G.) (Even Semester)

Name of the Faculty: - Smt.Nivedita Laxman Arsule

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA G1 (Sem-II)	A	DSC-PSY- 1B : Introduction to Social Psychology	Unit 1: -Introduction Unit 2 : Individual Level Processes Unit3 : Interpersonal processes Unit4 : Group Dynamics	48	100 %	Nil	NA	-
SYBA G2 (Sem-IV)	-	SEC- 1B: Positive Psychology	Unit-I: Meaning, Definition and Nature of Positive Psychology Unit-II: Happiness and the Facts of Life Unit-III: Positive Emotions, Wellbeing and Resilience Unit-IV: Personal Goals, Positive Traits and Life above Zero.	48	100 %	Nil	NA	-

Signature of faculty

Head, Dept. of Psychology

HEAD

DEPARTMENT OF PSYCHOLOGY
G.M.D. Arts, E.M. Commerce and
Science G. Oge, Sinnar, Dist. Nashik

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G.M.D. Arts, B.W. Commerce and
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G.M.D. Arts, B. Commerce and Science College Sinnar. Dist- Nashik

Department of Psychology

Syllabus completion Report - Year -2023-24

(U.G.) (Odd Semester)

Name of the Faculty: - Smt.Nivedita Laxman Arsule

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA G1	A	DSC-PSY- 1A:	Unit 1: Psychology -					
(Sem-I)		Foundations of Psychology	Introduction Unit 2 : Cognitive processes Unit3 : Motivation and Emotion Unit4 : Personality and Intelligence	48	100 %	Nil	NA	
SYBA G2 (Sem-III)	-	SEC- 1A: HEALTH PSYCHOLOGY	Unit-I: An Introduction to Health Psychology Unit-II: Stress and Coping Unit-III: Chronic Health Problems and Its Management Unit-IV: Primary Prevention & Health Promotion	48	100 %	Nil	NA	-

Signature of faculty

Head, Dept. of Psychology

HEAD DEPARTMENT OF PSYCHOLOGY G.M.D. Arts, B.W. Commerce and Science College, Sinnar, Dist. Nashik

Science College, Sinnar, Dist, Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of History

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)

Name of the Faculty: - Ms. S. R. More

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	В	Early India: Post Mauryan Age to the Rashtrakutas (12172)	1. Central Asian Contacts and the Age of the Shung-Satvahanas Linear Programming Problems (LPP) (for two variables only) 2. Early History of South India Index numbers 3. North India: Gupta and Harshvardhan 4. Regional Kingdoms: A Brief Histor	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYB (Sem-IV)		Medieval India: Mughal Period (24171)	Foundation of Mughal Empire The Consolidation of the Mughal Empire Administrative systems Economy, Society and Culture	48	100 %	Nil	NA	-
TYBA S-3 (Sem-V)		Applied History (36171)	 Applied History Archaeology and Archives Mass Media and Applied History Project Work 	48	100 %	Nil	NA	-
TYBA G-3 (Sem-V)		India After Independence- (1947- 1991) (36174)	Challenges after Independence India's Foreign Policy Domestic Policy Economic Policy	48	100 %	Nil	NA	-
TYBA SEC (Sem-VI)		Heritage Management (36176)	Heritage Heritage Tourism Heritage Site Management	30	100 %	Nil	NA	-

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of History

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Odd Semester) - I

Name of the Faculty: - Ms. S. R. More

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	В	Early India: From Prehistory to the Age of the Mauryas	1. Early India: Sources and Prehistory Shares and Mutual Funds 2. Harappan Culture: Bronze Age Civilization Measures of Central Tendency and Measures of Dispersion 3. Vedic Culture, Religious Protest: Jainism and Buddhism 4. Emergence of the Mahajanpadas and the Age of the Mauryas	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA S-1 (Sem-III)	-	Medieval India - Sultanate Period (23171)	 Foundation of the Delhi Sultanate The early Sultans of Delhi and their contributions. Expansion of Sultanate Kingdoms of Vijayanagar and Bahamani 	48	100 %	Nil	NA	-
TYBA S-3 (Sem- V)		Introduction to Historiography (35171)	Meaning and Scope of History Sources of Historical Research Preliminary Operations Synthetic Operations	48	100 %	Nil	NA	
TYBA G-3 (Sem-V)	A	Indian National Movement (1885-1947) (35174)	 Rise and Growth of Indian Nationalism Mass Movement Towards Independence and Partition. Towards Independence and Partition. 	48	100 %	Nil	NA	
TYBA- SEC		South Indian Art and Architecture (35176)	Introduction to Principles of Auditing and Audit Process	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA SEC (Sem-V)			Introduction to Sculpture Introduction to Architecture Audit of Computerized Systems& Forensic Audit					

Head, Dept. of History

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of History

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Odd Semester) Sem- I

Name of the Faculty: -Mr .S. M. Gade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	Early India: From Prehistory to the Age of the Mauryas (11171)	1. Early India: Sources and Prehistory Shares and Mutual Funds 2. Harappan Culture: Bronze Age Civilization Measures of Central Tendency and Measures of Dispersion 3. Vedic Culture, Religious Protest: Jainism and Buddhism 4. Emergence of the Mahajanpadas and the Age of the Mauryas	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA S- 2 (Sem-III)	9.0	Glimpses of the Modern World - Part I (23171)	 The Modern Age The Age of Revolutions Nationalism World War I and Rise of Communism 	48	100 %	Nil	NA	-
SYBA G-2 (Sem-III)		History of the Marathas: (1630-1707) (23174)	1. Sources and Rise of the Maratha Power 2. Foundation of Swarajya to the Coronation, Karnataka Expedition 3. Administration under Chhatrapati Shivaji Maharaj 4. Chhatrapati Sambhaji Maharaj to the Maratha War of Independence	48	100 %	Nil	NA	-
TYBA S-4 (Sem-V)		Maharashtra in the 19th Century (36172)	Foundation of British Power in Maharashtra Reformism in Maharashtra Uprising and Political Agitation EconomicTransformation in Maharashtra	48	100 %	Nil	NA	-
SYBA SEC		Art and Architecture of Early India (From 3000 B.C. to 12th Century	Mauryan and Mauryan Art and Architecture Mauryan Art and Architecture	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-VI)		(23176)	 Gupta and Harsha's Times Chalukyas, Cholas, Pratihars, Pals and Rashtrakuta Times 					

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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester) -II

Name of the Faculty: - Mr. S. M. Gade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	C	Early India: Post Mauryan Age to the Rashtrakutas (12172)	1. Central Asian Contacts and the Age of the Shung-Satvahanas Linear Programming Problems (LPP) (for two variables only) 2. Early History of South India Index numbers 3. North India: Gupta and Harshvardhan 4. Regional Kingdoms: A Brief Histor	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA S-2 (Sem-IV)		Glimpses of the Modern World - Part II (24171)	 Nationalist Movements in Asia and Africa Rise of DictatorshiP World War II and the Rise of World Power Cold War and Third World 	48	100 %	Nil	NA	-
SYBA G-2 (Sem-IV)		History of the Marathas: (1707- 1818) (24174)	1. Consolidation and Expansion of the Maratha Power 2. Strengthening of the Maratha Power 3. Post Panipat Revival and Downfall 4. Administration and Society during Peshwa Period	48	100 %	Nil	NA	-
TYBA S-4 (Sem-VI)		History of Maharashtra in the 20thCentury (36172)	1. Thoughts and work of Intellectuals 2. Industrial and Economic Development of Maharashtra 3. Movements in 20th Century Maharashtra 4. Integration and Reorganization of	48	100 %	- Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Maharashtra		,			
SYBA SEC (Sem-IV)		Medieval Indian Arts and Architecture (1206 To 1857) (24176)	1. Sultanate Art & Architecture 2. Deccan Art & Architecture 3. Sur Art & Architecture 4. Mughal Art & Architecture	30	100 %	Nil	NA	-

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Department of Marathi

Syllabus completion Report - Year -2023-24 (U.G) (Odd Semester)

Name of the Faculty: - Mr.VIKRAM. M. Harak

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	Marathi Sahity : Katha ani Bhashik Kaushalyvikas	 Katha: Swarup, Ghatak, Prakar ani Vatchal Samkalin Marathi Katha Bhashik Kaushalyvikas 	45	100 %	Nil	NA	
FYBCom (Sem-I)	С	Bhasha, Sahity ani Kaushalyvikas	Nibandh lekhan Pathypustk - Utkarshvata	45	100 %	Nil	NA	-
SYBA (Sem-I)	A	Modern Indian Languages (MIL)	Bhasha ani Vyaktimatwa Vikas Lokshahitil Jivanvyavhar ani Prasrmadhyame Prasarmadhyamansathi Lekhan	30	100 %	Nil	NA	
SYBA(G2) (Sem-I)	В	Bhashik Kaushalyvikas ani Aadhunik Marathi	Samgnak ani mobilver Unikodmadhiun Marathi Mudran Kalfalak prakar	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be	Remark
				retains -			completed	
		Sahityprakar:Kad ambari	 Marathi Tanklakhen Ani Unikodecha Vaper Kadambari Swrap ,Gatak,Prakar,Vatchal Abhaspustak: Rarangdhan- Prabhker Pandhaker 					
TYBA(S3) (Sem-3)	NA	Madhugin Marathi Vadimayacha Sthuil Ethiyas	Vadmayethis Sanglpana Ani Marathi Bhasha Vadmyacha Ugam Yadav Kal Ani Bhamanikalitil Vadmaynirmetee Mahanahubhav Vadamay Varakari Vadamay Sashodanper prakalpa	60	100 %	Nil	NA	-

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Syllabus completion Report - Year -2023-24 (U.G.) (Even Semester)



Name of the Faculty: - Mr.VIKRAM. M. Harak

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	Marathi Sahity : Ekankika ani Bhashik Kaushalyvikas	 Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly Marathi Ekankika Vatchal Vithhal to Ala Ala Handabhar Chandnya Bhasha Upyojanachi Vividh Aavishkararupe 	45	* 100 %	Nil	NA ·	-
SYBA (G2) (Sem-II)	A	Bhasha kaushlavikas ani adhnuk sahyta prakar: lalitgadhya	goole sadhanacha adhanitil vapar lalitgadtya swarup ani gatal lalait gadhya prakar ani vatchal patpustak; sahytarang	45	100 %	Nil	NA	
SYBA (Sem-II)	В	Modern Indian Languages (MIL)	 Bhasha, Jivan Vyavhar Navmadhyame ani Samajmadhyame Vebsite, Blog, Twitter Vyavsaik Patrvyavhar 	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA(S3) (Sem-II)	NA	madhugin marathi vadmayacha sthul yathisis es 1601- 1817	 shivkal va pashavakaltil vadmaynirmite pandit ani sharanchi vadmaynirmitee bakher ani vadmay nirmitee shassdon praklpa 	60	100 %	Nil	NA	
FYB COM	С	Bhasha ani Kaushalyvikas	 Arja va Patralekhan Prashasanik Marathi Pragat Bhashik Kaushalye Jahirat Lekhan 	45	100 %	Nil	NA	-

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Department of Marathi

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Mr. BAPU U. PAWAR

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-I)	A	Bhasha, Sahity ani Kaushalyvikas	Nibandh lekhan Pathypustk - Utkarshvata	45	100 %	Nil	NA X = J ^o	-
SYBA S 1 (Sem-I)	NA	Adhunik Marathi Sathya: Prakashvata	 Atmachirata:Saklapana Swarap Prerna Ani Vatchal lalitgatil Anya Sayathaprakancha Tulnetil Atmachitratil vagalipan Abhyaspustak: Prakashvata -Dr prakash Amate 	45	100 %	Nil	NA	-
SYBA(G2) (Sem-I)	В	Bhashik Kaushlyavikas Ani Adhunik Marathi Satyaprakar :Kadambari	 Samgnak ani mobilver Unikodmadhiun Marathi Mudran Kalfalak prakar Marathi Tanklakhen Ani 	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA 1 (sem 1)	NA	Bhashavahar Ani BHashik KAushlay Bhag - 1	 Marathchya Pramin Bhashechae Lakhen Vadminvahvar va Prakshan Vahvar Mulkathlakhen :swarap ,tantre va kaushle Arj Lakhen Patra Vavhar 	60	100	Nil	NA	2 m
MA II (Sem-III)	NA	Prasarmadhams athi Lakhenkaulay Bhag-1	 Prasarmadhame Ani Bhasha vahvar Mudrit madhaminsathi lakhen Nabhowani Madimansathi Lakhen Durchatravanasathi Lakhen 	60	100 %	Nil	NA	-

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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)



Name of the Faculty: - Mr. BAPU U. PAWAR

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-II)	A	Bhasha ani Kaushalyvikas	 Arja va Patralekhan Prashasanik Marathi Pragat Bhashik Kaushalye Jahirat Lekhan 	45	100 %	Nil	. NA	-
SYBA (G2) (Sem-II)	В	Bhasha kaushlavikas ani adhnuk sahyta prakar: lalitgadhya	goole sadhanacha adhanitil vapar lalitgadtya swarup ani gatal lalait gadhya prakar ani vatchal patpustak; sahytarang	45	100 %	Nil	NA	-
SYBA(S1) (Sem-II)	NA	madhugin marathi saythya :nivdak madhyugin gadhya , padhya	madhugin gadhya madhygin padhya nividak madhyugin gadhya padhya	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA I (Sem-II)	NA	bhashavayhar ani bhuishk kaushaly bhag-2	 bshantar va anuvad lakhen nivedankushlya jansampark:sankalpna va sawrap praklaplakhen swarap charcha 	60	100 %	Nil	NA	-
MA II (Sem-IV)	NA	prasarmadhminsathila lakhenkaushlya bhag -2	mahitepatnsathi lakhen chitrapatinsathi lakhen likhit swarapisathicha navasamijmadhamsathi lakhen drukshrvya swarapsha navsamajmadhimain lakhen	60	100 %	Nil	NA .	

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of Marathi

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)



Name of the Faculty: - Dr. Dattatray B. Weljali

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	Marathi Sahity : Ekankika ani Bhashik Kaushalyvikas	 Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly Marathi Ekankika Vatchal Vithhal to Ala Ala Handabhar Chandnya Bhasha Upyojanachi Vividh Aavishkararupe 	• 45	100 %	Nil	· NA	-
SYBA (Sem-II)	NA	Samikshavichar	 Samiksha: Swarup, Sanklpana Sahity ani Samiksha Yanche Parspar Sambandh Samikshakache Gun v Palavayachi Pathhe 	45	100 %	Nil	NA	-
SYBA (Sem-II)	В	Modern Indian Languages (MIL)	 Bhasha, Jivan Vyavhar Navmadhyame ani Samajmadhyame Vebsite, Blog, Twitter Vyavsaik Patrvyavhar 	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-II)	A	Bhashik Kaushalyvikas ani Aadhunik Marathi Sahityprakar	 Marathi Sahity : Bhashik Kaushalyvikas ani Shasanvyavhar Kavita : Swarup, Vatchal, Prerana ani Vaishishty Rup : Kaviteche 	45	100 %	Nil	NA	-
MA II (Sem-IV)	NA	Lok Sahityachi Multattwe ani Marathi Loksahity	 Marathitil Loksahityache Swarup Marathi Lok katha: Prerana, Swarup v Vishesh Marathi Loksahityache Vividh Klavishkar ani Kłatmak Saundary Marathi loksahity Abhyasakanchi Parmpara 	60	100 %	Nil	NA	-

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Marathi

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Dr. Dattatray B. Weljali

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	Marathi Sahity : Katha ani Bhashik Kaushalyvikas	 Katha: Swarup, Ghatak, Prakar ani Vatchal Samkalin Marathi Katha Bhashik Kaushalyvikas 	45	100 %	Nil	NA	
SYBA S 2 (Sem-I)	NA	Sahityavichar	Sahityache Swarup Ani Prayojan Sahityachi Nirmitiprakriya Sahityachi Samajikta v Bhasha	45	100 %	Nil	NA	-
SYBA (Sem-I)	В	Modern Indian Languages (MIL)	 Bhasha ani Vyaktimatwa Vikas Lokshahitil Jivanvyavhar ani Prasrmadhyame Prasarmadhyamansathi Lekhan 	30	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-I)	A	Bhashik Kaushalyvikas ani Aadhunik Marathi Sahityprakar	Mudrit Madhyamansathi Lekhankaushaly Pravasvarnan : Swarup, Prerana, Prayojan Vatchal ani Vaishishtye Tin Mulanche Char Divas	45	100 %	Nil	NA	-
MA II (Sem-III)	NA	Lok Sahityachi Multattwe ani Marathi Loksahity	 Loksahity: Swarup ani Vyapti Loksahityacha Abhyas Loksahity v Lokjivan Loksahity v Granthik Sahity Sambandh 	60	100 %	Nil	NA ·	-

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of Marathi

Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Dr.D.N.Shinde

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-I)	В	Bhasha, Sahity ani Kaushalyvikas	 Nibandh lekhan Pathypustk - Utkarshvata 	45	100 %	Nil	NA	s₹=/
SYBA (Sem-I)	NA	Prakashnvyvhar ani Sampadan - SEC	 Prakashnsanstha - swarup, karypranali Granthanirmiti Prakriya Mudritshodhan - Niyam, Mudritshodhan chinhe 	30	100 %	Nil	NA	
TYBA (Sem-I)	NA	Varnnatmak Bhashavidyan bhag - 1	 Bhasha - Svarup, Vaishishtye Svanvichar Svanimvichar Fild Visit 	45	100 %	Nil	NA	an an Tean
TYBA (Sem-I)	NA	Karyakram Sanyojanatil Bhashik Kaushlye vikas - Bhag - 1 - SEC	 Karyakramanche Svarup, Prakar Karyakram Sanyojanatil Vividh Ghatak Karyakram Sanyojanatil Bhashik Kaushlye 	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-I)	NA	Upyojit Marathi	1 Bhasha ani Jivanvyavhar 2 arja Lekhan 3 Prasarmadhymansathi Lekhan	30	100 %	Nil	NA	
MA I (Sem-I)	NA	Marathi Sahityacha Itihas 1818 - 1920	 Sahityetihas - Svarupmimansa Avval Ingraji Klakhyandatil Sahity- Prerna, Pravrutti 1818 - 1874 Kalatil sahitya - Prerna, pravrutti, Swarup 1874 - 1920 Kalatil sahitya - Prerna, pravrutti, Swarup 	60	100 %	Nil	NA	-

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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)



Name of the Faculty: - Dr.D. N. Shinde

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-II)	В	Bhasha ani Kaushalyvikas ·	 Arja va Patralekhan Prashasanik Marathi Pragat Bhashik Kaushalye Jahirat Lekhan 	45	100 %	Nil .	NA	
SYBA (Sem-II)	NA	Upyojit Lekhankaushalye SEC	 Jahirat lekhan Mulakhat lekhan Mahitipar Nondi 	30	100 %	Nil	NA	-
TYBA (Sem-II)	NA	Varnnatmak Bhashavidyan bhag-2	 Rupimvichar Vakyvichar ArthVichar Fild Visit 	45	100 %	Nil	NA	_
TYBA (Sem-II)	NA	Karyakram Sanyojanatil Bhashik Kaushlye vikas - Bhag - 2	 Karyakram Sanyojanatil lekhan Kaushlye nimantranpatrika, karyakrampatrika lekhan Batmi va Ahaval lekhan 	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		SEC	4. Karyakram Sanyojan					
				A CONTRACTOR				
SYBSc (Sem-II)	NA	Marathi Sahitya	Nibandh Lekhan Marathi Katha Darshan	30				
MA I (Sem-IV)	NA	Marathi Sahityacha Itihas - 1920 te 2010	 1. 1920-1945 Kalatil sahitya - Prerna, pravrutti, Swarup 2. 1945-1960 Kalatil sahitya - Prerna, pravrutti, Swarup 3. 1960 - 1990 Kalatil sahitya - Prerna, pravrutti, Swarup 4. 1990 - 2010 Kalatil sahitya - Prerna, pravrutti, Swarup 	. 60	100 %	Nil	· NA	-

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Department of Marathi

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Prof . S.R.Sumbe

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	В	Marathi Sahity : Katha ani Bhashik Kaushalyvikas	Katha : Swarup, Ghatak, Prakar ani Vatchal Samkalin Marathi Katha Bhashik Kaushalyvikas	45	100 %	Nil	NA	
MA - Sem - 1		Etihasik Bhasha Vidnyan	Etihasik Bhasha vidnyan vividh upayojan bhasha Ani Sanskruti Parspar Sabandh Eytihasik Bhasha Svarup Vyavstha Vividh Bhasha Varnatmk Vyvasth	60	100%	Nil	NA	
MA1 (Sem-1		Gramin Sahity	1.Sathottri Sahityache Svrup Ani gramin Sahity 2.Graminsahity Ani Samaj Sahsnbndh 3.Gramin Sahityachi Vatchal Sthul Abhys . 4. Gramin Sahity Svarup Chikitstha	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA-2 (Sem-II)		Sahity Samiksha	 Samiksha: Swarup, Sanklpana Sahity ani Samiksha Yanche Parspar Sambandh Samikshakache Gun v Palavayachi Pathhe 	60	100 %	Nil	NA	
MA-2 (Sem-II)	4.46.500.3	Nemlelya Arvachin Sahity Kruticha Abhyas	 Samikshecha Drushtikon Sri Purudh Tulana -Tarabai Shinde Shetji Pratap -Mukundrao Patil Shobha Yatra - Shafat Khan 	60	100 %	Nil	NA	-

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Syllabus completion Report - Year -2023-24 (U.G. /P.G.) (Even Semester)



Name of the Faculty: - Prof .S.R.Sumbe

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	В	Marathi Sahity : Ekankika ani Bhashik Kaushalyvikas	 Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly Marathi Ekankika Vatchal Vithhal to Ala Ala Handabhar Chandnya Bhasha Upyojanachi Vividh Aavishkararupe 	45	100 %	· Nil	NA	
MA-1 - Sem - 2		Samaj Bhashavidnyan	1.Samaajbhasha vidnyan vividh upayojan 2. bhasha Ani Sanskruti Parspar Sabandh 3.Bhasha Svarup Vyavstha 4.Vividh Navavyavstha -Badlti Bhasha Ani Bhasha rupe	60	100%	Nil	NA	Score by security J
MA1 (Sem-II)	NA	Dalit Sahity	1.Dalit Sahityache Svrup Ani Dalit Sahity 2.Dr.Babsaheb Anbedkar Ani Samaj Prerna 3. Dalit Sahityachi Vatchal Sthul	60	100 %	Nil	NA	•

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
al X _{2 years}			Abhys . 4. Dalit Sahity Svarup Chikitstha Ani Vyapti					
MA -2 (Sem-II)		Sahity Sanshodhn	 Sanshodhn Sanklpna Sahity sanshodhnachi Abhyas Kshetrye Antervidya shakhiy Sanshodhn Sanshodhn Paddhti Arakhada 	60	100 %	Nil	NA	-
MA2 (Sem-II)		Nemlelya Arvachin Sahity Kruticha Abhyas	 Amerika - Pravas varnan - Anil Avcht Dive Gelele Divas -Rangnath Pathare . Vat Tudavatana - Uttam Kanmble Sahitykrutichi Olkh 	60	100 %	Nil	· NA	-

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Department of Economics

Syllabus completion Report Year 2022-23

(U.G./P.G.) (Odd Semester)

Name of the Faculty: - Prof.Smt. Jadhav N.M

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	В	F.Y.B.A. Indian Economic Environment (11151)	Unit 1: Introduction Unit 2: Agricultural Environment Unit 3: Industrial Environment	48	100 %	Nil	NA	
SYBA (Sem-I)		S.Y.B.A (113)	Unit 1: Introduction Unit 2: Theory of Consumer Behavior Unit 3: Theory of Demand Unit 4: Supply and Production Analysis	48	100 %	Nil	NA	-
TYBCOM (Sem-V)	В	T.Y.B.Com. Banking & Finance-III (355B)	Unit 1: Banking Regulation Act, 1949: Introduction the objectives and selective provisions Unit 2: Negotiable Instruments Act, 1881 Unit 3: Insolvency and Bankruptcy Code, 2016 Unit 4: Banking Ombudsman Scheme-2006	48	100 %	Nil	NA	-

M.A.I	Sem I	M.A.I Agricutural Ecoknomics-I	Unit: 1. Introduction to Agricultural Economics Unit 2: Agriculture Productivity Unit 3: Agriculture Credit and Marketing Unit 4: Agricultural Growth and Rural Development.	48	100 %	Nil	NA	
M.Com I	Sem I	M.Com. II Industrial Economics IE502MJ	Unit 1: Introduction to Industrial Economics Unit 2: Industrial Location and Regional Development Unit 3: Industrial Finance and Policy Unit 4: Major Industries in Maharashtra: Working, Problems and Progress	48	100 %	Nil	NA	

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Syllabus completion Report Year 2023-24

(U.G./P.G.) (Even Semester)

Name of the Faculty: - Prof.Smt. Jadhav N.M

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remainin g chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	В	F.Y.B.A. Indian Economic Environment (11152)	Unit 1 Service Sector Environment Unit 2 Banking Environment Unit 3 Overview of Indian economy	48	100 %	Nil	NA	
SYBA (Sem-IV)	A	S.Y.B.A Micro Economics- II	Unit 1: Cost and Revenue Analysis Unit 2: Market Structure Unit 3: Factor Pricing Unit 4: Introduction to Welfare Economics	48	100 %	Nil	NA	
TYBCOM (Sem-VI)	В	T.Y.B.Com. Banking & Finance (366B)	Unit 1 Cyber Crimes in Banking Unit 2 Paying and Collecting Banker Unit 3 Banker and Customer Relationship Unit 4 Bank Advances	48	100 %	Nil	NA .	
M.A.I	Sem II	M.A.I Labour Economics II ECO 560	Unit 1 Introduction to Labour Unit 2 Labour Market and Policies Unit 3 Employment & Wage Determination Unit 4 Women and Child Labour	48	100 %	Nil	NA	

Signature of faculty

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Department of Economics

Syllabus completion Report Year 2023-24

(U.G./P.G.) (Odd Semester)

Name of the Faculty: - Prof. R. M. Ambekar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	F.Y.B.A. Indian Economic Environment (11151)	Unit 1: Introduction Unit 2: Agricultural Environment Unit 3: Industrial Environment	48	100 %	Nil	NA	-
SYBA (Sem-III)	A	SYBA (S2) Macro Economics (23152)	Unit 1: Introduction Unit 2: National Income Unit 3: Theory of Employment and Output Unit 4: Consumption and Investment	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	A	S.Y.B.Com. Business Economics (Macro) 233	Unit 1: Introduction to Macro Economics Unit 2: National Income Unit 3: Theory of Output and Employment Unit 4: Consumption, Saving and Investment	48	100 %	Nil	NA	

TYBA (Sem V)	A	Public Economics (35152)	Unit: 1. Introduction to Public Finance Unit 2: Public Revenue Unit 3: Public Expenditure Unit 4: Public Debt	48	100 %	Nil	NA	
M.A. II	Sem III	M.A. II Growth & Development	Unit 1: Principles and Concept of Growth & Development Unit 2: Theories of Economic Development & Growth Unit 3: Poverty, Inequality and Unemployment Unit 4: Human Capital & Economic Development	48	100 %	Nil	NA	-

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Department of Economics

Syllabus completion Report Year 2023-24

(U.G./P.G.) (Even Semester)

Name of the Faculty: - Prof. R. M. Ambekar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	F.Y.B.A. Indian Economic Environment (12151)	Unit 1 Service Sector Environment Unit 2 Banking Environment Unit 3 Overview of Indian economy	48	100 %	Nil	NA	·
SYBA (Sem-IV)	A	SYBA (S2) Macro Economics (24152)	Unit 1: Money- Meaning & Functions Unit 2: Inflation Unit 3: Business Cycle Unit 4: Macro Economic Policies	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	A	S.Y.B.Com. Business Economics (Macro) 243	Unit 1 Money- Meaning & Functions Unit 2 Inflation Unit 3 Trade Cycle Unit 4 Public Finance	48	100 %	Nil	NA	-
TYBA (Sem VI)	A	TYBA Public Economics (36152)	 Fiscal Policy Budget Deficit Financing Centre-State Financial Relationship 	48	100 %	Nil	NA	

		M.A. II	1 Sectoral Development				1	and the second
LA. II	Sem IV		2 Technology & Development					- 7
		Growth &	3 Environment and Development	48	100 %	Nil	NA	
10		Development	4 Development Strategies		-		15	

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Department of Economics

Syllabus completion Report Year 2023-24

(U.G./P.G.) (Odd Semester)

Name of the Faculty: - Prof. Y. L. Bharaskar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	F.Y.B.A. Indian Economic Environment (11151)	Unit 1: Introduction Unit 2: Agricultural Environment Unit 3: Industrial Environment	48	100 %	Nil	NA	
FYBCOM (Sem-I)	A	F.Y.B.Com. Business Economics (113)	Unit 1: Introduction and Basic Concepts Unit 2: Consumer Behaviour Unit 3: Demand and Supply Analysis Unit 4: Production Analysis	48	100 %	Nil	NA	-
TYBCOM (Sem-V)	В	T.Y.B.Com. Indian & Global Economic Development (353)	Unit 1: Indian and Global Economy Unit 2: Agricultural Development In India Unit 3: Industrial Development in India Unit 4: Service Sector and Infrastructural Development in India	48	100 %	Nil	NA	

M.A.I	Sem I	M.A.I Public Economics I	Unit: 1. Introduction Unit 2: Rationale for Public Policy Unit 3: Taxation Unit 4: Public Expenditure	48	100 %	Nil	NA	9.
M.A.II	Sem III	M.A. II Industrial Economics	Unit 1: Introduction Unit 2: Theories of Industrial Location Unit 3: Industrial Productivity and Growth Unit 4: Industrial Policies in India	48	100 %	Nil	NA	- -

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Department of Economics

Syllabus completion Report Year 2023-24

(U.G./P.G.) (Even Semester)

Name of the Faculty: - Prof. Y. L. Bharaskar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	С	F.Y.B.A. Indian Economic Environment (11152)	Unit 1 Service Sector Environment Unit 2 Banking Environment Unit 3 Overview of Indian economy	48	100 %	Nil	NA	1-85
FYBCOM (Sem-II)	A	F.Y.B.Com. Business Economics (123)	Unit 1: Cost and Revenue Unit 2: Pricing Under Perfect Market Conditions Unit 3: Pricing Under Imperfect Market Conditions Unit 4: Factor Pricing	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	В	T.Y.B.Com. Indian & Global Economic Development (363)	Unit 1 Human Resources and Economic Development Unit 2 Foreign Capital and Economic Development Unit 3 India's Foreign Trade and Balance of Payment Unit 4 International Financial Institutions & Regional Economic Cooperation	48	100 %	Nil	NA	

M.A.I	Sem II	M.A.I Public Economics II	 Public Finance in India Public Debt Fiscal Policy Indian Fiscal Federalism 	48	100 %	Nil	NA	
M.A.II	Sem IV	M.A. II Economics of Environment	1 Introduction 2 Environmental Challenges 3 Environmental Regulations: Theories and Analytical Tools 4 Climate Change, Environmental Agreements and Policies	48	100 %	Nil	NA	-

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(U.G./P.G.) (Odd Semester)

Name of the Faculty: - Prof.Smt.Dr.Sonawane M.K

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-I)	В	F.Y.В.Сом (115В)	Unit 1: Evolution of Banking Unit 2: Functions of Bank Unit 3: Procedure for Opening and Operating of Deposit Account Unit 4: Methods of Remittance	48	100 %	Nil	NA	
SYBCOM (Sem-III)		S.Y.B.Com (233)	Unit 1: Introduction to Macro Economics Unit 2: National Income Unit 3: Theories of Output and Employment Unit 4: Supply and Production Analysis	48	100 %	Nil	NA	
SYBCOM (Sem-III)	В	S.Y.B.Com. Banking & Finance-I (236B)	Unit 1: Indian Banking Structure Unit 2: Central Banking Unit 3: Private Banking Unit 4: Public Sector Banking:	48	100 %	Nil	NA	

TYBCOM (Sem-V)	Sem V	TYBCOM Banking & Finance-II	Unit: 1. Indian Financial System Unit 2: Indian Money Market Unit 3: Indian Capital Market Unit 4: Foreign Exchange Market	48	100 %	Nil	NA	
M.A-I	Sem I	M.A-I Research Methodology ECO541	Unit 1: Introduction to Research Unit 2: Research Problem and Sampling Unit 3: Data Collection and Analysis of Data Unit 4: Statistics Analysis and report writing	48	100 %	Nil	NA	-

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Syllabus completion Report Year 2023-24

(U.G./P.G.) (Even Semester)

Name of the Faculty: - Dr.Smt.Sonawane M.K

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remainin g chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-II)	В	F.Y.BCOM Banking and Finance (125B)	Unit 1 Lending Principles and Balance Sheet of a Bank Unit 2 Negotiable Instruments Unit 3 Endorsement Unit 4 Technology in Banking	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	В	S.Y.B.COM Business Economics-243	Unit 1: Money Unit 2: Inflation Unit 3: Trade Cycle Unit 4: Public Finance	48	100 %	Nil	NA	
SYBCOM (Sem-IV)	В	S.Y.B.COM Banking & finance-246B	Unit 1 Co-operative Banking in India Unit 2 Development Banking in India Unit 3 Selective Important Concepts of Banking Unit 4 Banking Sector Reforms	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	В	T.Y.B.COM Banking & finance III-366B	Unit 1 Cyber Crimes in Banking Unit 2 Paying and Collecting Banker Unit 3 Banker and Customer Relationship Unit 4 Bank Advances	48	100 %	Nil	NA	<u>.</u>

M.A.I	Sem II	M.A.I On Job Training ECO 581	Unit 1 Eligibility for OJT/Internship Programme Unit 2 Natur on-job training/Internship Programme Unit 3 Employment & Wage Determination Unit 4 Framework of the for On-Job Training/ Internship Programme:	48	100 %	Nil	NA	
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Department of Economics

Syllabus completion Report Year 2023-24

(U.G./P.G.) (Odd Semester)

Name of the Faculty: - Prof. S. V. Kokate

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBCOM (Sem-V)	В	T.Y.B.Com. Indian & Global Economic Development (353)	Unit 1: Indian and Global Economy Unit 2: Agricultural Development in India Unit 3: Industrial Development in India Unit 4: Service Sector and Infrastructural Development in India	48	100 %	Nil	NA	-
TYBA (Sem-V)	A	TYBA (S3) International Economics (35151)	Unit 1: Introduction Unit 2: Theories of International Trade Unit 3: Termes to Trade Unit 4: Balance of Payment	48	100 %	Nil	NA	-
TYBA (Sem-V)	A	TYBA (G3) Indian Economic Development I (35153)	Unit 1: Economic Development & Growth Unit 2: Developed & Developing Countries Unit 3: Constraint to Development Process Unit 4: Human Resources and Economic Development	48	100 %	Nil	NA	

14 7 7			Unit: 1. Classical and modern trade theories					
7.55	-	M.A. I	Unit 2: Terms & Trade	48	100.96	Nil	NA	
K.A.M	Sen t	International Economics I	Unit 3: Trade Policy		10000	. ***		
		Leonomies 1	Unit 4: Trade Organization	100	-			
		M.A. II	Unit 1: Traditional Approaches and Macroeconomics		-)
M.A. II	Sem III	Macro-	Unit 2: National Income and Social Accounting	48	100 %	Nil	NA	-
		Economic Analysis I	Unit 3: Demand and Supply of Money					
		2 111111 / 010 1	Unit 4: Supply of Money		1 = 1			

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(U.G./P.G.) (Even Semester)

Name of the Faculty: - Prof. S. V. Kokate

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBCOM (Sem-VI)	В	T.Y.B.Com. Indian & Global Economic Development (363)	Unit 1 Human Resources and Economic Development Unit 2 Foreign Capital and Economic Development Unit 3 India's Foreign Trade and Balance of Payment Unit 4 International Financial Institutions & Regional Economic Cooperation	48	100 %	Nil	NA	-
TYBA (Sem-VI)	A	TYBA (S3) International Economics (36151)	Unit 1: India's Foreign Trade & Policy Unit 2: Foreign Capital Unit 3: Foreign Exchange Unit 4: Regional & International Cooperations	48	100 %	Nil	NA	-
TYBA (Sem-VI)	A	TYBA (G3) Indian Economic Development	Unit 1: Economic Planning Unit 2: NITI Aayog Unit 3: Sustainable Development	48	100 %	Nil	NA	-

		(36153)	Unit 4: Environment & Economic Development					
M.A. I .	Sem II	International Economics II	Unit 2: Labour Market & Policies Unit 3: Employment & Wage Determinations Unit 4: Woman & Child Labor	48	100 %	Nil	NA .	
M.A. II	Sem IV	M.A. II Macro- Economic Analysis II	Unit 1: Demat and Supply Analysis Unit 2: IS-LM Curve Model Unit 3: Inflection Unemployment Trends Unit 4: Neo Classical Macro Economic & Open Economies Issue	48	100 %	Nil	NA	-

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Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Mr.Pawar Rajendra Vishwanath

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	DEFENCE ORGANISATION OF INDIA (11271)	1 Reconstruction of Indian Armed Forces after 1947 2 Higher Defence Organisation of India 3 Defence Mechanism of Indian Armed Forces 4 Intelligence Organisation of India	48	100 %	Nil	NA	-
SYBA(S1) (Sem-III)	Α	INDIA'S INTERNAL SECURITY - I (23271)	1.National Security of India 2.Internal Security 3.Social Problems in India and its effects 4.Regionalism in India	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA-G3 (Sem-V)	А	INDIA'S NATIONAL SECURITY POLICY AND STRATEGY – I (35273)	1.National security 2.National Security Decision Making Process 3.India's foreign policy 4.India's Defence policy	45	100 %	Nil	NA	
TYBA-S3 (Sem-V)	Α	INTERNATIONAL ORGANIZATION (35271)	1.United Nations Organization 2.Structure of UN 3.Role of UN 4.World Trade Organization (WTO) and World Health Organization (WHO)	49	100 %	Nil	NA	•
MA (Sem-I)	Α	DS-1.1- KEY CONCEPT OF NATIONAL SECURITY AND STRATEGIC STUDIES	1.Key Concepts 2.Conceptual Understanding of Security and National Security 3.Conceptual Understanding Strategic Studies 4.Security and Strategic Issues	48	100 %	Nil	NA	,

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Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Mr.Khurche Dipak Kachru

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	В	DEFENCE ORGANISATION OF INDIA (11271)	1 Reconstruction of Indian Armed Forces after 1947 2 Higher Defence Organisation of India 3 Defence Mechanism of Indian Armed Forces 4 Intelligence Organisation of India	48	100 %	Nil	NA	-
FYBA (Sem-I)	С	DEFENCE ORGANISATION OF INDIA (11271)	1 Reconstruction of Indian Armed Forces after 1947 2 Higher Defence Organisation of India 3 Defence Mechanism of Indian Armed Forces 4 Intelligence Organisation India	.48	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA(G2) (Sem-III)	А	CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER (23273)	1.Rise of Maratha Power 2.Swarajya Building 3.Shivaji and Adilshahi 4.Shivaji and Mughal	45	100 %	Nil	NA	-
SYBA(S2) (Sem-III)	Α	GEOPOLITICS - I (23272)	1.Geopolitics 2.Evolution of Geopolitical Thoughts Since 19th Century 3.Maritime Boundaries and Territorial Sea 4.Geographical factories affecting War	45	100 %	Nil	NA	
TYBA-S4 (Sem-V)	А	CONTEMPORARY WARFARE (35272)	1.War 2.Conventional Warfare 3.Revolutionary War and Low Intensity Conflicts 4.Chemical and Biological Warfare	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-I)	A	DS-1.2- INTERNATIONAL RELATIONS	1.Theories and Approches to International Relations 2.War and Peace in the 20 th Century 3.The Evolution of International Relations 4.Contemporary issues in International Relations	45	100 %	Nil	NA	<u>-</u>

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Name of the Faculty: - Mr.Zade Sagar Balu

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-I)	А	DS-1.3- INTRODUCTION TO GEOPOLITICS	1.Undarstanding Geopolitics 2. Geopolitics and Contemporary Discourse	24	100 %	Nil	NA	-
MA (Sem-I)	А	DS-1.5.CYBER SECYRITY	1.Undarstanding Cyber Security 2.Cyber Crime and Cyber Low 3.Cyber and National Security 4.Cyber Terrorism	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-I)	Α	DS-1.9- RESEARCH MATHODOLOGY	1.Introduction to Research in Humanities and Social Science and its scope 2.Behavioural Approaches, System Analysis, Structural Functions 3.Methods of Data Collection and Data Processing 4.Academic: Report/Thesis Writing	45	100 %	Nil	NA	-
MA (Sem-III)	Α	DS-3.1- CONTEMPORARY AND CRITICAL SECURITY STUDIES	Basic Concepts Contemporary Geostrategic Landscape Non-Military Dimensions of Security: Contemporary issues of Strategic Importance Introduction to Critical Security Studies	45	100 %	Nil	NA	-
MA (Sem-III)	Α	DS-3.2-INDIA'S DEFENCE MANAGEMENT AND NATIONAL SECURITY APPARATUS	 Higher Defence Organisation in India The Indian Armed Forces – Role in peace and war time The Police Forces – Role in Internal Security, Law and Order Organisation of Intelligence in 	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			India 5. India's Overall Security Perspectives and Defence Preparedness					
MA (Sem-III)	Α	DS-3.3- CONTEMPORARY AND CRITICAL SECURITY STUDIES	1. Introduction to Research in Humanities and Social Science and its scope 2. Methods of Explanation: Inductive and Deductive approaches 3. Behavioral Approach, Systems Analysis, Structural Functional Analysis. 4. Research Designs and Methods 5. Methods of Data Collection 6. Data processing 7. Academic: Report / Thesis writing	45	100 %	Nil	NA	-
MA (Sem-III)	A	DS-3.4-INDIAN MILITARY HISTORY	 Defining Military History of India Historiography of the Military History of India (Approaches) Military History of the 	48	100 %	Nil	NA	-

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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Medieval India 4. The British Period 5. History of the Indian Military from 1947 to 2000					

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Defence & Strategic Studies

Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Mr.Pawar Rajendra Vishwanath

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	INDIA'S NATIONAL SECURITY (11272)	1.Meaning and Concept of National Security 2. Challenges to India's National Security 3. Non-conventional Threats to India's National Security 4.India's Indian Ocean Policy	48	100 %	Nil	NA	-
SYBA(S1) (Sem-IV)	А	INDIA'S INTERNAL SECURITY - II (24271)	1.Jammu and Kashmir Problem 2.Naxalite Problems 3.Terrorism 4.Cyber Crime in India	45	100 %	Nil	NA	-
TYBA-G3 (Sem-VI)	А	INDIA'S NATIONAL SECURITY POLICY AND STRATEGY – II (36273)	1.India's Maritime Policy 2.Non Aligned Movement 3.India's Look East and Act East policy 4.India's South Asian Policy	45	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA-S3 (Sem-VI)	А	REGIONAL ORGANIZATIONS (36271)	1.SAARC(South Asian Association For Regional Cooperation) 2.EU (European Union) 3.ASEAN (Association of Southeast Asian Nations) 4.OPEC (Oil Products & Experts Countries Organization (OPEC) 5.BIMSTEC 6.BRICS	45	100 %	Nil	NA	-
M.A (Sem-II)	А	DS-2.1-DEFENCE ECONOMICS	1.An introduction to the study of Defence Economics 2.Critical Analysis of Defence Expenditure 3.Economics Instruments of Security Policy 4.India's Defence Expenditure	48	100 %	Nil	NA	-

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Syllabus completion Report - Year -2023-24

(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Mr.Khurche Dipak Kachru

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	В	INDIA'S NATIONAL SECURITY (11272)	Meaning and Concept of National Security Challenges to India's National Security Non-conventional Threats to India's National Security India's Indian Ocean Policy	48	100 %	Nil	NA	i. N
FYBA (Sem-II)	C	INDIA'S NATIONAL SECURITY (11272)	Meaning and Concept of National Security Challenges to India's National Security Non-conventional Threats to India's National Security India's Indian Ocean Policy	48	100 %	Nil	NA	-
SYBA(G2) (Sem-IV)	А	CHHATRAPATI SHIVAJI MAHARAJ MILITARY- SYSTEM (24273)	1.Organization of Maratha Army under Shivaji Maharaj Building 2.Ch Shivaji as a Guerilla Leader 3.Organization of Fort under Shivaji Maharaj	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4.Ch Shivaji the Father of Indian Navy					
SYBA(S2) (Sem-IV)	Α	MILITARY GEOGRAPHY (24272)	1.Military Geography 2.Geo-strategy 3.Geography and Warfare 4.Warfare in different Terrains	45	100 %	Nil	NA	-
TYBA-S4 (Sem-VI)	Α	MODERN WARFARE (36272)	1.War 2.Conventional Warfare 3.Revolutionary War and Low Intensity Conflicts 4.Chemical and Biological Warfare	45	100 %	Nil	NA	-
MA (Sem-II)	А	DS-2.2- PEACE AND CONFLICT STUDIES	1.Understanding Peace and Conflict 2.Conflict Management and Conflict Resolution 3.Un System of Managing and Resolution Conflict 4.Conflict, Peace and Security	45	100 %	Nil	NA	-

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Defence & Strategic Studies

Syllabus completion Report - Year -2023-24 (P.G.) (Even Semester)

Name of the Faculty: - Mr.Zade Sagar Balu

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-II)	А	DS-2.3- MILITARY GEOGRAPHY	1.Military Geography 2.Contemporary issues in Geopolitics	24	100 %	Nil	NA	-
MA (Sem-II)	А	DS-2.5 INDIA'S NATIONAL SECURITY	1. Comprehensive Understanding of India's National Security 2. Challenges and Threats 3. Approches to the problem of Internal Security 4. Case Studies in India	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-IV)	А	DS-4.1- INDO- PACIFIC SECURITY ARCHITECTURE: CHALLENGES AND PROSPECTS	 The Idea of Indo-Pacific Power and Security Architecture and Power Shifts in Indo-Pacific Traditional and Non- 					
			Traditional Dimensions of Security in the Indo-Pacific 4. The Grand Strategies of the Great Powers in the Indo-Pacific 5. Prospects and Challenges in Indo-Pacific Security	45	100 %	Nil	NA	_11
MA (Sem-IV)	A	DS-4.2- INDIA'S NATIONAL SECURITY	Architecture 1. Conceptual Understanding of India's National Security issues 2. Challenges and Threats 3. Approaches to the problem of Internal Security 4. Case Studies in India 5. India's External Security Environment and Policy options	48	100 %	Nil	NA	-
MA (Sem-IV)	A .	DS-4.3- INDIA'S EXTERNAL SECURITY ENVIRONMENT AND POLICY OPTIONS	1 Introduction 2. Historical and Current situation 3. The Law and Maritime Security 4. Preventing Measures and Security Procedures	45	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Actual events Threats to the maritime transport industry					
MA (Sem-IV)	A	DS-4.4- INDIAN STRATEGIC THOUGHT AND CULTURE	1. Conceptualizing Strategic Culture 2. Strategic Culture and International Relations Theory 3. Understanding Indian Strategic Culture 4. Sources of Indian Strategic Culture 5. Strategic Culture and National Security Policy Making 6. Strategic culture and use of forces 7. Applying Strategic Culture in Indian context	48	100 %	Nil	NA	

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Department of Geography

Syllabus completion Report - Year -2023-24

(U.G.) (Odd Semester)



Name of the Faculty: - Mr. Sandeep Balasaheb Bhise

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	В	Gg- 110 (A) Physical Geography	 Introduction to Physical Geography Lithosphere Atmosphere Hydrosphere 	48	100 %	NIL	NA	
SYBA (Sem-III)	A	Gg: 210(A) Economic Geography- I	 Introduction to Economic Geography Economic Activity Concept and classification of resources Agriculture 	48	100 %	NIL	NA	- 4
SYBA (Sem-III)	Batch IÍ	Gg: 201(A) Practical Geography – I (Scale and Map Projections)	 Introduction of Maps Map Scale Basic of map projection Construction, properties and use of map 	60	100%	NIL	NA	-

Cláss	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			projections					- 1
SYBA (Sem-III)	A	SEC -2A Introduction to Geographical Information System (GIS)	 Introduction to GIS Data Types & Models Software based Practical 	30	100%	NIL	NA	-
TYBA (Sem-V)	Batch I	Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)	 Introduction of S.O.I. Toposheet & Relief Interpretation of S.O.I. Toposheets and Data generation Introduction & Interpretation of Weather Maps Introduction &Application of GIS & Remote Sensing Techniques 	60	100%	NIL	NA	-

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Department of Geography

Syllabus completion Report - Year -2023-24

(U.G.) (Even Semester)



Name of the Faculty: - Mr. Sandeep Balasaheb Bhise

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	В	Gg- 110 (B) Human Geography	 Introduction to Human Geography Population Settlements Agriculture 	48	100 %	NIL	NA	-
SYBA (Sem-IV)	A	Gg.210 (B) Economic Geography- II	 Trade and Transport Industries Regional Planning Development Rural Development in India 	48	100 %	NIL	NA	-
SYBA (Sem-IV)	Batch II	Gg. 201 (B) Cartographic Techniques, Surveying	 Introduction to Cartography Cartographic techniques Surveying 	60	100 %	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		and Excursion / Village / Project Report	Excursion / village/city survey and report writing			٨		- 4
SYBA (Sem-IV)	A	SEC-B Introduction to Remote Sensing	Introduction to Remote Sensing Image Interpretation Software based Practical	30	100%	NIL	NA	-
TYBA (Sem-VI)	Batch I	Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report)	 Geographical Data & its Basic Analysis Calculation of Central Tendency, & Dispersion Testing and Application of Hypothesis Field Excursion / Village Survey / Project Report 	60	100%	NIL	NA	<u>-</u>

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Syllabus completion Report - Year -2023-24 (U.G.) (Even Semester)

Deptt. . Geography GER

Name of the Faculty: - Dr. Balasaheb Rajaram Tambe

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	Gg- 110 (B) Human Geography	 Introduction to Human Geography Population Settlements Agriculture 	48	100 %	NIL	NA	-
SYBA (Sem-IV)	Batch I	Gg. 201 (B) Cartographic Techniques, Surveying and Excursion / Village / Project Report	 Introduction to Cartography Cartographic techniques Surveying Excursion / village/city survey and report writing 	60	100 %	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-VI)	Batch II	Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report)	 Geographical Data & its Basic Analysis Calculation of Central Tendency, & Dispersion Testing and Application of Hypothesis Field Excursion / Village Survey / Project Report 	60	100%	NIL	NA	-
TYBA (Sem-VI)	A	Gg.310 (B) Geography Of Disasters Management II	 Geological and Geomorphic disasters and their management Anthropogenic disasters and their management Global Environmental issues Case Studies of disaster 	48	100 %	NIL	NA	

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Tal: Sinnar, Dist- Nashik-422103.

Department of Geography Syllabus completion Report - Year- 2023-24

(U.G.) (Odd Semester)



Name of the Faculty: - Dr. Balasaheb Rajaram Tambe

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	Gg- 110 (A) Physical Geography	 Introduction to Physical Geography Lithosphere Atmosphere Hydrosphere 	48	100 %	NIL	NA	-
SYBA (Sem-III)	Batch	Gg: 201(A) Practical Geography – I (Scale and Map Projections)	 Introduction of Maps Map Scale Basic of map projection Construction, properties and use of map projections 	60	100%	NIL	NA	· ·
TYBA	Batch	Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)	 Introduction of S.O.I. Toposheet & Relief Interpretation of S.O.I. Toposheets and Data generation 	60	100%	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-V)	II		 3. Introduction & Interpretation of Weather Maps 4. Introduction & Application of GIS & Remote Sensing Techniques 					
TYBA (Sem-V)	A	Gg: 310(A) Geography Of Disaster Mamagment -	 Introduction to hazards, disasters Concepts in disaster management Disaster management andmeasures Climatic disastersand their management 	48	100 %	NIL	NA	

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Department of Geography

Syllabus completion Report - Year -2023-24

(U.G.) (Even Semester)



Name of the Faculty: - Mr. Lalit Ashok Kalaskar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	С	Gg- 110 (B) Human Geography	Introduction to Human Geography Population Settlements Agriculture	48	100 %	NIL	NA	-
SYBA (Sem-IV)	A	Gg.220 (B) Geography of Maharashtra	 Agriculture Population and Settlement Rural Development of Maharashtra Tourism 	48	100 %	NIL	NA	-
SYBA	Batch	Gg. 201 (B)	1. Introduction to Cartography	60	100 %	NIL	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-IV)	III	Cartographic Techniques, Surveying and Excursion / Village / Project Report	 Cartographic techniques Surveying Excursion / village/city survey and report writing 	-3-				
TYBA (Sem-VI)	A	Gg: 320(B) Geography of India -II	 Cultural Setting Transportation& Communication Resources Agriculture 	48	100%	NIL	NA	-
TYBA (Sem-VI)	Batch I	Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report)	 Geographical Data & its Basic Analysis Calculation of Central Tendency, & Dispersion Testing and Application of Hypothesis Field Excursion / Village Survey / Project Report 	60	100%	NIL	NA	-
TYBA (Sem-VI)	A	SEC 2 C Research Methodology - II	Introduction to Research Methodology Research Design Research Problem	30	100%	NIL	NA	-

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Department of Geography

Syllabus completion Report - Year -2023-24

(U.G.) (Odd Semester)



Name of the Faculty: - Mr. Lalit Ashok Kalaskar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	С	Gg- 110 (A) Physical Geography	 Introduction to Physical Geography Lithosphere Atmosphere Hydrosphere 	48	100 %	NIL	NA	-
SYBA (Sem-III)	A	Gg.220 (A)Geography of Maharashtra	 Administrative Set up of Maharashtra Physical settings Climate Resources 	48	100 %	NIL	NA	-
SYBA (Sem-III)	Batch	Gg: 201(A) Practical Geography – I (Scale and Map Projections)	 Introduction of Maps Map Scale Basic of map projection Construction, properties and use of map projections 	60	100%	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-III)	A	Gg: 320(A) Geography of India –I	 Introduction Physiography Drainage Climate Soils and Natural Vegetation 	48	100%	NIL	NA	-
TYBA (Sem-V)	Batch III	Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)	 Introduction of S.O.I. Toposheet & Relief Interpretation of S.O.I. Toposheets and Data generation Introduction & Interpretation of Weather Maps Introduction &Application of GIS & Remote Sensing Techniques 	60	100%	NIL	NA	-
TYBA (Sem-V)	A	SEC 2 C Research Methodology - I	 Introduction to Research Methodology Research Design Research Problem 	30	100%	NIL	NA	-

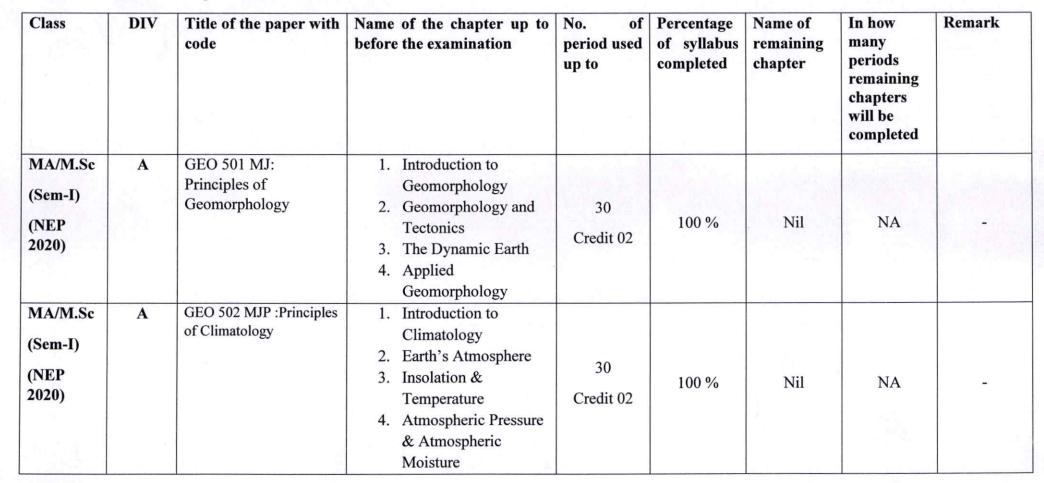
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Geography

Syllabus completion Report - Year -2023-24 (P.G.) (Odd Semester)

Name of the Faculty: - Mr. Khurche R. D.





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 503 MJ :- Principles in Economic Geography	 Introduction Model and Theories Concepts in Economic Geography Emerging concepts in Economic 	30 Credit 02	100 %	Nil	NA	-
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 504 MJ:- Principles in Population & Settlement Geography	 Introduction to Population & Settlement Geography Population and Settlement Geography Population Distribution & Density Human Settlement 	30 Credit 02	100 %	Nil	NA	
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 505 MJ:- Introduction to Statistical Method in Geography	 Introduction Central Tendancy Dispersion, Skewness & Kurtosis Association in Variables 	30 Credit 02	100 %	Nil	NA	-
MA/M.Sc	A	GEO 506 MJP:- Practicals in Physical	Drainage Network:- Stahlers Method	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-I) (NEP 2020)		Geography	Drainage Basin & Relief Analysis Climatic Elements Diagrams Climatic Classification	Credit 02				
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 507 MJP:- Practicals in Human Geography	 Economic Indices Population and Development Indices Measures of Settlement Application of Human Geography 	30 Credit 02	100 %	Nil	NA	
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 514 MJ:- Geography of Soil	Introduction to Soil Geography Soil Profile Classification System and Types of soil Soil Degradation and Soil Conservation	30 Credit 02	100 %	Nil	NA	-
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 514 MJ:- Geography of Soil	 Intro. to Soil Geo. Soil Profile Classification System and Types of soil Soil Degradation and Soil Conservation 	30 Credit 02	100 %	Nil	NA	=

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-I) (NEP 2020)	A	GEO 515 MJP:- Practicals in Soil Analysis	 Introduction Analysis of Physical Properties of Soil Analysis of Chemical Properties of Soil Soil Data Interpretation & Applications 	30 Credit 02	100 %	Nil	NA	-
MA/M.Sc (Sem-III) (2019)	A	GGUT 235:- Geoinformatics II	1. Intro. To Remote Sensing 2. EMS and EMR 3. Platforms & Satellites 4. Sensors 5. Resolutions 6. Image Interpretation Technique 7. Aerial Photography	60 Credit 04	100 %	Nil	NA	
MA/M.Sc (Sem-III) (2019)	A	GGUT 236:- Geographical Thoughts	 Historical Develp. Of geographical thoughts Dualism in Geography Paradigms 	60 Credit 04	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4. System approaches and models in geography 5. Recent trends in geography 6. Applied Geography					
MA/M.Sc (Sem-III) (2019)	A	GGUT 238 :- Applied Climatology	1. Introduction 2. Basic Climatic Elements 3. Agro Climatology 4. Climate & Human Behaviour 5. Urban Climate 6. Climate industries, commerce & engineering 7. Engineering App. 8. Climate and Transportation 9. Use of RS in Agro Climatology	60 Credit 04	100 %	Nil	NA	in the second se
MA/M.Sc (Sem-III)	A	GGDP 241:- Practical in Geoinformatics	Aerial Photography Satellite Images	30 Credit 02	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(2019)	1		3. Spatial Database4. GIS operation	1 11 1				
MA/M.Sc (Sem-III) (2019)	A	GGUT 243: Watershed Management	1. Concepts of watershed management 2. Characteristics of watershed 3. Hydrological process in watershed 4. Water and soil con. in watershed 5. Watershed development	30 Credit 02	100 %	Nil	· NA	
MA/M.Sc (Sem-III) (2019)	A	GGUP 246: Practical in climatology	 Weather element Station model Indian daily weather report Water balance Climatic architecture analysis 	60 Credit 04	100 %	Nil	NA	, ,

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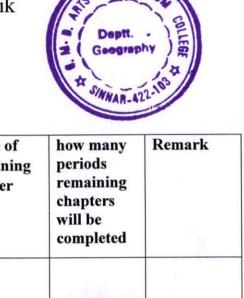
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Syllabus completion Report - Year -2023-24 (P.G.) MA/MSc. (Even Semester)

Name of the Faculty: - Mr. Khurche R.D.



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	how many periods remaining chapters will be completed	Remark
MA/M.Sc. I (Sem-II) (NEP 2020)	A	GEO:-552 MJP(B): Practical in Synoptic Climatology	1. Weather data:- Temperature, Pressure, Humidity, Precipitation, Wind 2. Station Model :- Coding & Decoding of Synoptic data 3. Atmospheric Stability:- Temperature Profile & Adiabatic laps Rate	30 Credit 02	100 %	Nil	NA	-
MA/M.Sc. I (Sem-II) (NEP 2020)	A	GEO 554 MJ (B):- Agro-Meteorology (Theory)	 Introduction & Nature & Scope of Agro- meteorology Plants and Energy Plants and Moisture Drought Crop and Biological 	60 Credit 04	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	how many periods remaining chapters will be completed	Remark
	11		Hazards 6. Application of RS and GIS 7. Computer models in Agriculture System 8. Agro-Climatological Services 9. Climate Change and Agriculture					
MA/M.Sc. I (Sem-II) (NEP 2020)	A	GEO 555 MJP (B):- Practical in Agro- Meteorology	Water loss and its Measurement Crop Phenology Water Balance Irrigation Scheduling	30 (Credit 02)	100 %	Nil	NA	
MA/M.Sc. I (Sem-IV) (NEP 2020)	A	GEO 563 MJP:- Practical in Surveying	1. Introduction to Surveying and mapping:- Type of Survey 2. Angular Measurement and Levelling:- Dumpy Level & Theodolite 3. Application of Survey Method	30 (Credit 02)	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	how many periods remaining chapters will be completed	Remark
MA/M.Sc. II (Sem-IV) (2019)	A	GGUT- 252: Geography of Soil	 Introduction to Geography of Soil Soil Formation and Soil Profile Components and Characteristics of Soil Classification and types of Soil Problems related to soil and Soil Conservation 	30 (Credit 02)	100 %	Nil	NA	-
MA/M.Sc. II (Sem-IV) (2019)	A	GGUT-250 Oceanography	 Introduction to Oceanography Origin of the Ocean Basins The Ocean Floor Properties of Sea Water Marine Sediments Ocean resources Oceanic Pollution 	60 (Credit 04)	100%	Nil	NA	-

Head, Dept. of Geography

HEAD

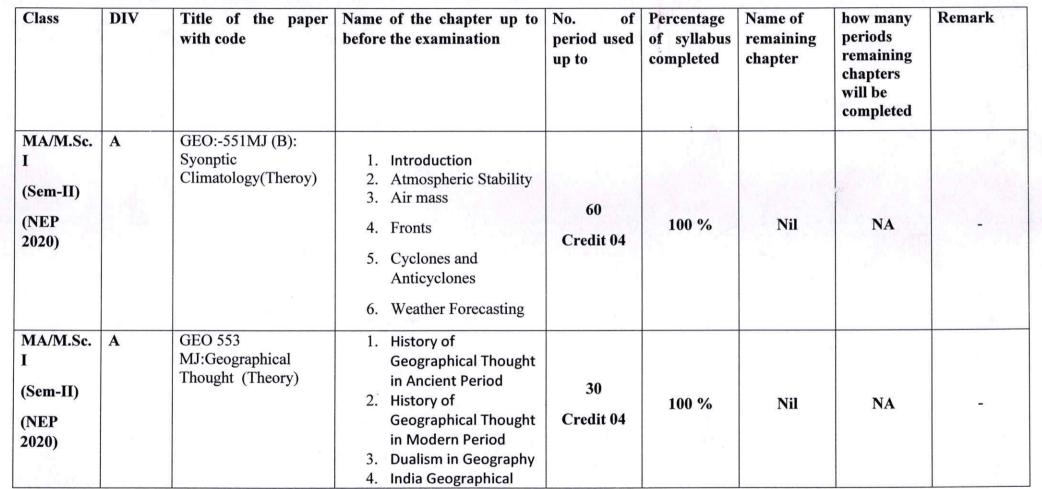
DEPARTMENT OF GEOGRAPHY GM.D Arts, B.W. Commerce And Science College, Sinnar

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G.M.D.Arts, B.W.ComPagee3 of 3
Science College, Sinnar.Dist.Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Geography

Syllabus completion Report - Year -2023-24 (P.G.) MA/MSc. (Even Semester)

Name of the Faculty: - Mss. Ugale N.A.





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	how many periods remaining chapters will be completed	Remark
	3		Thought	1	, 1			
MA/M.Sc. I (Sem- IV) (NEP 2020)	A	GGUT 249 :Geography of Iindia	 Introduction Physiography Drainage Systems Climate Soils Forest Minerals and Resources Agriculture Industries Population 	60 (Credit 04)	100 %	Nil	NA	-
MA/M.Sc. II (Sem-IV) (NEP 2020)	A	GGUT 251:Research Methodology	 Introduction to Research Methodology Research Desigh Research Problem Sampling Design Method of Data Collection 	60 (Credit 04)	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to		Name of remaining chapter	how many periods remaining chapters will be completed	Remark
	П		 Data Analysis Technical writing and reporting of research 	= 1 ==				
MA/M.Sc. II (Sem-IV) (2019)	A	GGUT- 258:Georaphy of World	 The Earth Regional geography of :1.Europe 2.North America 3.South America 4.Africa 5.Australia World contemporary issues 21st Century challenges and opportunities in the world 	60 (Credit 04)	100 %	Nil	NA	-
MA/M.Sc. II (Sem-IV) (2019)	A	GGDP 257 – Interpretation of Topographycal Maps and GPS survey	 Study of Topographical Maps Interpretation of S.O.I to Posheets. GPS Survey of Village 	30 (Credit 02)	100%	Nil	NA	-

Ngale.
Signature of faculty

Head, Dept. of Geography
DEPARTMENT OF GEOGRAPHY
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And Science College, Sinnar

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Computer Science

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: Lahamage Namrata Vitthal CLASS AND SUBJECT:

- 1. F.Y.B.Sc(Comp.Sci)- Problem Solving using Computer and 'C' Programming (CS101)
- 2. S.Y.B.Sc(Comp.Sci)- Data Structure and Algorithms-I(CS 231)
- 3. T.Y.B.Sc(Comp.Sci)- Object Oriented Programming Using Java-I (CS 355)
- 4. T.Y.B.Sc(Comp.Sci)- Theoretical Computer Science (CS-356)

Month	Class	DIV	Topics to be taught	Remark
July 2023	F.Y.		1. Problem Solving Aspects 1.1. Introduction to problem solving using computers. 1.2. Problem solving steps. 1.3 Algorithms-definition, characteristics, examples, advantages and limitations. 1.4 Flowcharts - definition, notations, examples, advantages and limitations, Comparison with algorithms. 1.5 Pseudo codes - notations, examples, advantages and limitations. 1.6 Programming Languages as tools, programming paradigms, types of languages 1.7 Converting pseudo-code to programs. 1.8 Compilation process (compilers, interpreters), linking and loading, syntax and semantic errors, testing a program 1.9 Good Programming Practices (naming conventions, documentation, indentation).	
	S.Y		1. Introduction to Data Structures and Algorithm Analysis 1.1 Introduction 1.1.1 Need of Data Structure 1.1.2 Definitions - Data and information, Data type, Data object, ADT, Data Structure 1.1.3 Types of Data Structures 1.2 Algorithm analysis 1.2.1 Space and time complexity, Graphical understanding of the relation between different functions of n, examples of linear loop, logarithmic, quadratic loop etc. 1.2.2 Best, Worst, Average case analysis, Asymptotic notations (Big O, Omega Ω, Theta θ), Problems on time	

	,		
		complexity calculation.	
		1. An Introduction to Java	
		Object Oriented Programming Concepts A short	
		history of Java Features OR Buzzwords of Java	
		Java Environment Simple Java Program Java Tools	
	T.Y(Java)	– jdb, javap, javadoc Types of Comments Data	
		Types Final Variable Declaring 1D, 2D Array	
		Accepting Input (Command Line Arguments,	
		BufferedReader, Scanner)	
		1. Finite Automaton	
		Introduction:	
		Deterministic finite Automaton – Definition, DFA	
		as language recognizer, DFA as pattern	
		recognizer. Nondeterministic finite automaton –	
		Definition and Examples. NFA to DFA (Myhill	
		Nerode Method) NFA with ε- transitions	
		Definition and Examples. NFA with ε-Transitions	
	T.Y(TCS)	to DFA & Examples Finite automaton with output	
	1.1(105)	 Mealy and Moore machine, Definition and 	
		Examples. Minimization of DFA, Algorithm &	
		Problem using Table Method.	
		2. Regular Expressions and Languages	
		Regular Expressions (RE): Regular Language-	
		Definition and Examples. Conversion of RE to FA-	
		Examples. Pumping lemma for regular languages	
		and applications. Closure Properties of regular	
		Languages	
August			
2023		2. 'C' Fundamentals	
		2.1History of 'C' language.	
		2.2 Application areas.	
		2.2.1 Structure of a 'C' program. 2.3 'C' Program	
		development life cycle.	
	-	2.4 Function as building blocks. 2.5 'C' tokens 2.6	
		Character set, Keywords, Identifiers 2.7 Variables,	
		Constants (character, integer, float, string,	
		escape sequences, enumeration constant). 2.8	
	F.Y.	Data Types (Built-in and user defined data types).	
		2.9 Operators, Expressions, types of operators,	
		Operator precedence and Order of evaluation.	
		2.10 Character input and output. 2.11 String	
		input and output. 2.12 Formatted input and	
		output.	
		3. Control Structures	
		3.1 Decision making structures: - if, if-else,	
		switch and conditional operator. 3.2 Loop control	
		structures: - while, do while, for. 3.3 Use of break	
		and continue. 3.4 Nested structures. 3.5	
		Unconditional branching (goto statement).	
	S.Y	2.Array as a Data Structure	
		2.1 ADT of array, Operations 2.2Array	
		applications - Searching 2.2.1 Sequential search,	
		variations - Sentinel search, Probability search,	
		ordered list search 2.2.2 Binary Search 2.2.3	
		ordered list search 2.2.2 billary search 2.2.3	

		Comparison of searching methods 2.3 Sorting Terminology- Internal, External, Stable, In-place Sorting 2.3.1 Comparison Based Sorting - Lower bound on comparison based sorting, Methods- Bubble Sort, Insertion Sort, Selection Sort, Algorithm design strategies - Divide and Conquer strategy, Merge Sort, Quick Sort, complexity analysis of sorting methods 2.3.2 Non Comparison Based Sorting: Counting Sort, Radix Sort, complexity analysis. 2.3.3 Comparison of sorting methods
	T.Y(Java)	2. Objects and Classes Defining your own classes Access Specifiers (public, protected, private, default) Array of Objects Constructors, Overloading Constructors and Use of 'this' keyword static block, static fields And methods Predefined Classes • Object Class, Methods (equals(), toString(),hashcode(), getClass()) • String Class And StringBuffer Class,Formatting String data using format() method Creating , Accessing And Using Packages Wrapper Classes 3.Exception and File Handling Dealing with errors , Exception class, Checked And Unchecked Exception Catching Exceptions, Multiple Catch Block, Nested try block Creating User Defined Exception Introduction to Files And Streams Input-OutputStream : FileInput/OutputStream, BufferedInput/OutputStream, DataInput/OutputStream Reader-Writer : FileReader/Writer, BufferedReader/Writer, InputStreamReader, OutputStreamWriter
	T.Y(TCS)	3. Context-Free Grammars and Languages Grammar - Definition and Examples. Derivation- Reduction - Definition and Examples. Chomsky Hierarchy. CFG: Definition & Examples. LMD, RMD, Parse Tree Ambiguous Grammar: Concept & Examples. Simplification of CFG: Removing Useless Symbols, Unit Production, ←-production and Nullable Symbol. Normal Forms: Greibach Normal Form (GNF) and Chomsky Normal Form (CNF) Regular Grammar: Definition. Left linear and Right Linear Grammar-Definition and Example. Equivalence of FA & Regular Grammar Construction of regular grammar equivalent to a given DFA. Construction of a FA from the given right linear grammar
September 2023	F.Y.	4. Functions 4.1 Concept of function, Advantages of Modular design. 4.2 Standard library functions. 4.3 User defined functions: - declaration, definition, function call, parameter passing (by value), return statement. 4.4 Recursive functions. 4.5 Scope of variables and Storage classes.

		S.Y	3. Linked List 3.1 List as a Data Structure, differences with array. 3.2 Dynamic implementation of Linked List, internal and external pointers 3.3 Types of Linked List – Singly, Doubly, Circular 3.4 Operations on Linked List - create, traverse, insert, delete, search, sort, reverse, concatenate, merge, time complexity of operations. 3.5 Applications of Linked List – polynomial representation, Addition of two polynomials 3.6 Generalized linked list – concept, representation, multiple-variable polynomial representation using generalized list	
•		T.Y(Java)	4. Exception and File Handling Dealing with errors, Exception class, Checked And Unchecked Exception Catching Exceptions, Multiple Catch Block, Nested try block Creating User Defined Exception Introduction to Files And Streams Input-OutputStream: FileInput/OutputStream, BufferedInput/OutputStream, DataInput/OutputStream Reader-Writer: FileReader/Writer, BufferedReader/Writer, InputStreamReader, OutputStreamWriter	
		T.Y(TCS)	4. Push Down Automata Definition of PDA and examples. Construction of PDA using empty stack and final State method: Examples using stack method. Definition DPDA & NPDA, their correlation and Examples of NPDA CFG (in GNF) to PDA: Method and examples	
•	October 2023	F.Y.	5. Arrays 5.1 Concept of array. 5.2 Types of Arrays – One, Two and Multidimensional array. 5.3 Array Operations - declaration, initialization, accessing array elements. 5.4 Memory representation of two-dimensional array (row major and column major) 5.5 Passing arrays to function. 5.6 Array applications - Finding maximum and minimum, Counting occurrences, Linear search, Sorting an array	
		S.Y	4.Stack 4.1Introduction 4.2 Operations – init(), push(), pop(), isEmpty(), isFull(), peek(), time complexity of operations. 4.3 Implementation- Static and Dynamic with comparison 4.4 Applications of stack 4.4.1 Function call and recursion, String reversal, palindrome checking 4.4.2 Expression types - infix, prefix and postfix, expression conversion and evaluation (implementation of infix to postfix, evaluation of postfix) 4.4.3Backtracking strategy - 4 queen's problem (implementation using stack) 5.Queue 5.1 Introduction 5.2 Operations - init(),	

	enqueue(), dequeue(), isEmpty(), isFull(), peek(),time complexity of operations, differences with stack. 5.3 Implementation - Static and Dynamic with comparison 5.4 Types of Queue - Linear Queue, Circular Queue, Priority Queue, Double Ended Queue (with implementation) 5.5 Applications – CPU Scheduling in multiprogramming environment, Round robin algorithm 5. User Interface with AWT and Swing	
T.Y(Java)	What is AWT? What is Swing? Difference between AWT and Swing The MVC Architecture and Swing Layouts and Layout Managers Containers and Components – JFrame, JButton, JLabel, JText, JTextArea, JCheckBox and JRadioButton, JList, JComboBox, JMenu and related Classes Dialogs (Message, Confirmation, Input), JFileChooser, JColorChooser Event Handling: Event Sources, Listeners Adapters and Anonymous Inner Class	
T.Y(TCS)	5. Turing Machine The Turing Machine Model, Definition and Design of TM Problems on Language recognizers. Language accepted by TM. Types of Turing Machines (Multitrack TM, Two-way TM, Multitape TM, Nondeterministic TM) Introduction to LBA (Basic Model) & CSG. (Without Problems)	

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of Computer Science

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: Lahamage Namrata Vitthal CLASS AND SUBJECT:

- 1. F.Y.B.Sc(Comp.Sci) Advanced 'C' Programming (CS201)
- 2. S.Y.B.Sc(Comp.Sci) Data Structures and Algorithms-II (CS 241)
- 3. T.Y.B.Sc(Comp.Sci) Data Analytics (CS 364)
- 4. T.Y.B.Sc(Comp.Sci)- Object Oriented Programming Using Java-II(CS 364)
- 5. T.Y.B.Sc(Com.Sci)- Compiler construction(CS 366)

Month	Class	DIV	Topics to be taught	Remark
January 2024	F.Y.		1. Pointers 1.1. Introduction to Pointers. 1.2. Declaration, definition, initialization, dereferencing. 1.3. Pointer arithmetic. 1.4. Relationship between Arrays & Pointers- Pointer to array, Array of pointers. 1.5. Multiple indirection (pointer to pointer). 1.6. Functions and pointers- Passing pointer to function, Returning pointer from function, Function pointer. 1.7. Dynamic memory management- Allocation(malloc(),calloc()), Resizing(realloc()), Releasing(free())., 1.8. Memory leak, dangling pointers. 1.9. Types of pointers.	
	S.Y		1. Tree 1.1 Concept and Terminologies 1.2 Types of Binary trees - Binary tree, skewed tree, strictly binary tree, full binary tree, complete binary tree, expression tree, binary search tree, Heap 1.3 Representation – Static and Dynamic 1.4 Implementation and Operations on Binary Search Tree - Create, Insert, Delete, Search, Tree traversals—preorder, inorder, postorder (recursive implementation), Level-order traversal using queue, Counting leaf, non-leaf and total nodes, Copy, Mirror. 1.5 Applications of trees 1.5.1 Heap sort, implementation 1.5.2 Introduction to Greedy strategy, Huffman encoding (implementation using priority queue)	
	T.Y(Data Analytics)		1. Introduction to Data Analytics Concept of data analytics Data analytics Types of analytics Diagnostic Analytics, Predictive Analytics, Prescriptive Analytics,	

	T.Y(Java-II)	Mathematical models - Concept Model evaluation: metrics for evaluating classifiers - Class imbalance - AUC, ROC (Receiver-Operator Characteristic) curves, Evaluating value prediction models 1. Collections Introduction to the Collection framework List - ArrayList, LinkedList Set - HashSet, TreeSet, Map - HashMap and TreeMap Interfaces such as Comparator, Iterator, ListIterator, Enumeration 2. Multithreading What are threads? Life cycle of thread Creating threads - Thread class , Runnable interface Thread priorities Running multiple threads Synchronization and interthread communication 1. Introduction	
	T.Y(Compiler	Definition of Compiler, Aspects of compilation. The structure of Compiler. Phases of Compiler – Lexical Analysis, Syntax Analysis, Semantic Analysis, Intermediate Code generation, code optimization, code generation. Error Handling. Introduction to one pass & Multipass compilers, cross compiler, Bootstrapping 2. Lexical Analysis (Scanner) Review of Finite automata as a lexical analyzer, Applications of Regular Expressions and Finite Automata (lexical analyzer, searching using RE), Input buffering, Recognition of tokens. LEX: A Lexical analyzer generator (Simple Lex Program)	
February 2024	F.Y.	2. Strings 2.1 String Literals, string variables, declaration, definition, initialization. 2.2 Syntax and use of predefined string functions 2.3 Array of strings. 2.4. Strings and Pointers 2.5. Command line arguments 3. Structures and Unions. 3.1. Concept of structure, definition and initialization, use of typedef. 3.2. Accessing structure members. 3.3. Nested Structures 3.4. Arrays of Structures 3.5. Structures and functions-Passing each member of structure as a separate argument, Passing structure by value / address. 3.6. Pointers and structures. 3.7. Concept of Union, declaration, definition, accessing union members. 3.8. Difference between structures and union.	
	S.Y	2. Efficient Search Trees 2.1 Terminology: Balanced trees - AVL Trees, Red Black tree, splay tree, Lexical search tree -Trie 2.2 AVL Tree- concept and rotations 2.3 Red Black trees - concept, insertion and deletion. 2.4 Multi-way search tree - B and B+ tree - Insertion, Deletion	
	T.Y(Data Analytics)	2. Machine Learning Overview Introduction to Machine Learning, deep learning,	

	T.Y(Java-II)	Artificial intelligence Applications for machine learning in data science The modeling process Engineering features and selecting a model, Training the model, Validating the model, Predicting new observations Types of machine learning Supervised learning, Unsupervised learning, Semisupervised learning, ensemble techniques, Regression models 3. Database Programming The design of jdbc Types of drivers Executing sql statements, query execution Scrollable and updatable Resultset	
	T.Y(Compiler	3. Syntax Analysis (Parser) Definition, Types of Parsers Top-Down Parser – Top-Down Parsing with Backtracking: Method & Problems Drawbacks of Top-Down parsing with backtracking, 3.2.3Elimination of Left Recursion (direct & indirect) 3.2.4Need for Left Factoring & examples Recursive Descent Parsing: Definition Implementation of Recursive Descent Parser Using Recursive Procedures 3.4 Predictive [LL (1)] Parser (Definition, Model) 3.4.1Implementation of Predictive Parser [LL (1)] 3.4.2 FIRST & FOLLOW, Construction of LL (1) Parsing Table Parsing of a String using LL (1) Table. Bottom-Up Parsers Operator Precedence Parser -Basic Concepts Operator Precedence Relations form Associativity & Precedence Operator Precedence Grammar Algorithm for LEADING & TRAILING (with ex.) Algorithm for Operator Precedence Parsing (with ex.) Precedence Functions Shift Reduce Parser Reduction, Handle, Handle Pruning Stack Implementation of Shift Reduce Parser (with examples) LR Parser: Model, Types [SLR (1), Canonical LR, LALR]-Method & examples. YACC (from Book 3) –program sections, simple YACC program for expression evaluation	
March 2024	F.Y.	4. File Handling 4.1. Introduction to streams. 4.2. Types of files. 4.3. Operations on text files. 4.4. Standard library input/output functions. 4.5. Random access to files. 3.Graph 3.1 Concept and terminologies 3.2 Graph Representation –Adjacency matrix, Adjacency list, Inverse Adjacency list, Adjacency multilist 3.3 Graph Traversals – Breadth First Search and Depth First Search (with implementation) 3.4 Applications of graph 3.4.1 Topological sorting 3.4.2 Use of Greedy Strategy in Minimal Spanning Trees (Prims and Kruskals algorithm) 3.4.3 Single source shortest path - Dijkstra's algorithm 3.4.4 Dynamic programming strategy, All pairs shortest path -	

		Floyd Warshall algorithm 3.4.5 Use of graphs in social networks	
	T.Y(Data Analytics)	3. Mining Frequent Patterns, Associations, and Correlations What kind of patterns can be mined Class/Concept Description: Characterization and Discrimination, Mining Frequent Patterns, Associations, and Correlations, Classification and Regression for Predictive Analysis, Cluster Analysis, Outlier Analysis Mining frequent patterns - Market Basket Analysis. Frequent Itemsets, Closed Itemsets, and Association Rules Frequent Itemset Mining Methods Apriori Algorithm Generating Association Rules from Frequent Itemsets Improving efficiency of apriori algorithm Frequent pattern growth (FP-growth) algorithm	
	T.Y(Java-II)	4. Servlets and JSP Introduction to Servlet and Hierarchy of Servlet Life cycle of servlet Handing get and post request (HTTP) Handling data from HTML to servlet Retrieving data from database to servlet, Session tracking – User Authorization, URL rewriting, Hidden form fields, Cookies and HttpSession Introduction to JSP, Life cycle of JSP Implicit Objects Scripting elements - Declarations, Expressions, Scriplets, Comments JSP Directives - Page Directive, include directive Mixing Scriplets and HTML JSP Actions - jsp:forward , jsp:include, jsp:useBean, jsp:setProperty and jsp:getProperty	
	T.Y(Compiler	4. Syntax Directed Definition Syntax Directed Definitions (SDD) Inherited & Synthesized Attributes Evaluating an SDD at the nodes of a Parse Tree, Example Evaluation Orders for SDD's Dependency Graph Ordering the Evaluation of Attributes S-Attributed Definition L- Attributed Definition Application of SDT Construction of syntax trees, The Structure of a Type 4. 4 Translation Schemes 4.4.1 Definition, Postfix Translation Scheme	
April 2024	F.Y.	5. Preprocessor 5.1. Role of Preprocessor 5.2. Format of preprocessor directive 5.3. File inclusion directives (#include) 5.4. Macro substitution directive, argumented and nested macro 5.5. Macros versus functions	
	S.Y	4.Hash Table 4.1 Concept of hashing 4.2 Terminologies – Hash table, Hash function, Bucket, Hash address, collision, synonym, overflow etc. 4.3 Properties of good hash function 4.4 Hash functions: division function, MID square, folding methods 4.5 Collision resolution techniques 4.5.1 Open Addressing - Linear probing, quadratic probing, rehashing 4.5.2 Chaining -	

		Coalesced , separate chaining
		4. Social Media and Text Analytics
		Overview of social media analytics Social Media
		Analytics Process, Seven layers of social media
=	=	analytics, accessing social media data Key social
		media analytics methods Social network analysis
		Link prediction, Community detection, Influence
	T.Y(Data	maximization, Expert finding, Prediction of trust and
	Analytics)	distrust among individuals Introduction to Natural
		Language Processing Text Analytics : Tokenization,
		Bag of words, Word weighting: TF-IDF, n-Grams,
		stop words, Stemming and lemmatization,
		synonyms and parts of speech tagging Sentiment
		Analysis Document or text summarization Trend
		analytics Challenges to social media analytics
1		5. Spring Framework
	T.Y(Java-II)	Introduction of Spring framework Spring Modules /
	(0.0	Architecture Spring Applications Spring MVC Spring
		MVC Forms, Validation
		5. Code Generation and Optimization
		Compilation of expression – Concepts of operand
		descriptors and register descriptors with example.
		Intermediate code for expressions – postfix
		notations, Triples, Quadruples and Expression trees.
	1777C	Code Optimization – Optimizing transformations –
1	Y(Compiler	compile time evaluation, elimination of common
)	sub expressions, dead code elimination, frequency
		reduction, strength reduction. Three address code
		DAG for Three address code The Value-number
		method for constructing DAG's. Definition of basic
		block, Basic blocks, and flow graphs Directed acyclic
		graph (DAG) representation of basic block. Issues in
		design of code generator.

Head, Dept of Computer Science

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TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: SMT. JAYSHREE J. BHANGRE

CLASS AND SUBJECT:

1. FYBSc. Comp. Sci. - Semiconductor Devices and Basic Electronic Systems (ELC-111)

2. FYBSc. Comp. Sci. - Principles of Digital Electronics (ELC-112)

3. SYBSc. Comp. Sci. - Microcontroller Architecture & Programming (ELC-231)

4. SYBSc. Comp. Sci. – Digital Communication and Networking (ELC-232)

Month	Class	DIV	Topics to be taught	Remark
	FYBSc. Comp. Sci (P-I)	A	Semiconductor Diodes P and N type semiconductors Formation of PN junction diode, it's working and characteristics Types of diodes	
	FYBSc. Comp. Sci (P-II)	A	Number Systems and Digital codes Decimal, Binary and Hexadecimal number systems and their interconversions	
August 2023	SYBSc. Comp. Sci (P-I)	A	Basics of Microcontroller & Intel 8051 architecture Introduction to microcontrollers Architecture of 8051 Internal RAM organization, SFRS pin functions of 8051, I/O port structure & Operation	
	SYBSc. Comp. Sci (P-II)	A	Introduction to Electronic Communication Elements of Communication system Types of communication Information Theory Error handling codes	п
September 2023	FYBSc. Comp. Sci (P-I)	A	Bipolar Junction Transistor (BJT) BJT symbol, types, construction, working principle Transistor amplifier configurations Transistor as amplifier and as switch	
	FYBSc. Comp. Sci (P-II)	A	Logic gates and Boolean Algebra Logic gates (NOT, AND, OR,	

	¥		NAND, NOR, XOR gate) with their symbol, Boolean equation and truth table, Universal gates - Introduction of CMOS and TTL logic families	
	SYBSc. Comp. Sci (P-I)	A	 Programming model of 8051 Instruction set, Addressing Modes programming using assembly language 	
	SYBSc. Comp. Sci (P-II)	A	 Modulation and Demodulation Introduction to modulation and demodulation Digital Modulation techniques 	
	FYBSc. Comp. Sci (P-I)	A	 MOSFET - MOSFET types - Working principle and Characteristics & Application POWER SUPPLY - Block Diagram - Rectifiers - Voltage Regulator ICs and SMPS OSCILLATORS - Barkhauson Criteria - Types of Oscillators - IC 555 as astable multivibrator 	
October 2023	FYBSc. Comp. Sci (P-II)	A	 Logic gates and Boolean Algebra Rules and laws of Boolean algebra De Morgan's theorem, simplification of Logic equations using Boolean algebra rules Cocept of Sop and PoS K-map Logic gates and Boolean Algebra K-Map 	
	SYBSc. Comp. Sci (P-I)	A	 Timer /Counter, Interrupts Timer / counter: TMOD, TCON, SCON, SBUF, PCON Registers Timer programming Timer /Counter, Interrupts 8051 programming in C 	
	SYBSc. Comp. Sci (P-II)	A	 Multiplexing, Spectrum Spreading and Media Access Control Multiplexing techniques Spread Spectrum techniques Multiplexing, Spectrum Spreading 	

	FYBSc. Comp. Sci (P-I)	A	and Media Access Control - Media Access Control (MAC) • DATA CONVERTERS - Concept of ADC and DAC - Weighted resistive network, R-2R ladder - Parameters and types of ADC	
November	FYBSc. Comp. Sci (P-II)	A	 Combinational Circuits Half adder and full adder, 4-Bit Universal adder/ Subtractor Applications of Ex-OR Gate Multiplexer (4:1) and Demultiplexer (1:4) Encoders, Decoders 	
2023	SYBSc. Comp. Sci (P-I)	A	 Interfacing, Serial Communication Programming of serial port without interrupt Interfacing: ADC, DAC, LCD, stepper motor. 	
	SYBSc. Comp. Sci (P-II)	A	 Computer Networking Types of networks Network topology Network Devices Computer network model: OSI and TCP/IP. 	

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TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: SMT. JAYSHREE J. BHANGRE

CLASS AND SUBJECT:

1. FYBSc. Comp. Sci. - Instrumentation System (ELC-121)

2. FYBSc. Comp. Sci. - Basics of Computer Organisation (ELC-122)

3. SYBSc. Comp. Sci. - Embedded System Design (ELC-241)

4. SYBSc. Comp. Sci. - Wireless Communication and Internet of Things (ELC-242)

Month	Class	DIV	Topics to be taught	Remark
	FYBSc. Comp. Sci. (P-I)	A	 Introduction to Instrumentation System Block diagram of Instrumentation system Sensor and Transducer Classification of sensors Specifications of sensors Sensors and Actuators Temp. Sensor (Thermister, LM35) LDR Optical Sensor PIR Sensor 	
December 2023	FYBSc. Comp. Sci. (P-II)	A	 Flip-flops RS Flip-flop using NAND Clocked RS, D, JK and T flip-flops Shift registers and Counters SISO, SIPO, PISO, PIPO shift registers Ring Counter 	
-	SYBSc. Comp. Sci. (P-I)	A	 Introduction to Embedded systems using single board computers (SBC) SBC block diagram Types of SBC Comparison and specification 	
	SYBSc. Comp. Sci. (P-II)	A	 Wireless Communication: Cellular Telephony Introduction of cellular telephony system Overview of Cellular Telephony generations: 1G to 5G,3G (W-CDMA, UMTS), 4G(LTE) GSM and GPRS architecture 	
January 2024	FYBSc. Comp. Sci. (P-I)	A	 Sensors and Actuators Ultrasonic Sensor Motion Sensor Image Sensor Actuators 	

	FYBSc. Comp. Sci. (P-II)	A	Smart Instrumentation System and Smart Sensor Block Diagram Concept of smart Sensor Shift registers and Counters Asynchronous and Synchronous Counters UP/Down counters Modulus of counters	
	SYBSc. Comp. Sci. (P-I)		 Introduction to Embedded systems using single board computers (SBC) I/O devices Network access devices Architecture of System on Chip (SOC) Architecture of SOC Pin description of Raspberry Pi Features 	
	SYBSc. Comp. Sci. (P-II)		Short Range Wireless Technologies and Location Tracking Short range Technologies: Bluetooth, ZigBee, Z-wave, RFID Location Tracking: GPS System	
	FYBSc. Comp. Sci. (P-I)	A	 Smart Instrumentation System and Smart Sensors Film Sensors Nano Sensors Op-AMP as signal Conditioner Concept and Block diagram of Op-Amp Parameters Concept of virtual ground and virtual short 	
February 2024	FYBSc. Comp. Sci. (P-II)	A	 Shift registers and Counters Modulus of counters Basics of Computer System Concept of Address Bus, Data Bus and Control Bus CPU block diagram Register based CPU organization 	
	SYBSc. Comp. Sci. (P-I)		 Architecture of System on Chip (SOC) CPU Pipeline stages CPU Cache organization Branch prediction and folding GPU Overview Programming using Python Overview of Rasberian OS Installation 	
	SYBSc. Comp. Sci.		- Histaliation - Types of OS - Variable and data types • Short Range Wireless Technologies and Location Tracking - GPS receiver	Á

	(P-II)		 Applications IoT Architecture Introduction to IOT, Seven layer architecture Role of cloud Cloud Topologies 	
5	FYBSc. Comp. Sci. (P-I) FYBSc.	A	 Op-AMP as signal Conditioner Applications of Op-Amp: Inverting and Non-Inverting Amplifier Op-Amp as adder, subtractor Op-Amp as current to voltage and voltage to current convertor Voltage to frequency convertor Op-Amp as comparator Problems based on above applications Basics of Computer System 	
	Comp. Sci. (P-II)		- Stack and its organization - I/O Organization • Memory Organization - Memory architecture - Memory hierarchy - Memory read/write - Memory expansion	
March 2024	SYBSc. Comp. Sci. (P-I)		 Programming using Python Flow control Functions Basic Arithmetic programs Interfacing of devices using Python Programming Basic interfacing LED, Switch and LCD Internal advanced: Bluetooth, Ethernet External advanced: Camera, Serial	-
	SYBSc. Comp. Sci. (P-II)		 IoT Architecture Cross connectivity across IoT System components IoT Applications Challenges in IoT Case Study 1: Smart Irrigation system for Agricultural field Case Study 2:Home Automation Case Study 3: Smart Cities 	

DEPARTMENT OF COMPUTER SCIENCE G.M.O. Arts, B.W. Commerce and Science College, Sinnar Principal
PRINCIPAL
G.M.D. Arts, B.W. Commerce and
Science College, Shnner, Dist. Nashik

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: SMT. SHRADDHA A.DHIKLE

CLASS AND SUBJECT:

1. SYBSc. Comp. Sci. - Software Engineering (CS-232)

2. TYBSc. Comp. Sci. - Operating Systems – I (CS-351)

3. TYBSc. Comp. Sci. - Computer Networks – II (CS-352)

4. TYBSc. Comp. Sci. – Blockchain Technology(CS-3511)

Month	Class	DIV		Topics to be taught	Remark
		A	j.	Definition of Software	
			ii.	Nature of Software Engineering	
			iii.	Changing nature of software	
			iv.	Software Process	
			v.	The Process Framework	
	SYBSc. Comp. Sci		vi.	Umbrella Activities	
	Software		vii.	Process Adaptation	
	Engineering)		viii.	Prescriptive Process Models	
	Liigincering)		ix.	The Waterfall Model	
			x.	Incremental Process Models	
			xi.	Evolutionary Process Models	
			xii.	Concurrent Models	
			xiii.	The Unified Process	
		A	i.	Operating Systems Overview-	
	TVDC- Come Coi		ii.	system Overview and Functions of	
August	TYBSc. Comp. Sci			operating systems	
	Operating		iii.	What does an OS do?	
2023	Systems		iv.	Operating system Operations	
	Systems		v.	Operating system structure	
			vi.	Protection and security	
			vii.	Computing Environments- Traditional,	
			100	mobile, distributed, Client/server,	
			viii.	peer to peer computing	
		A	i.	Domain Name System	
	TYBSc. Comp. Sci Computer Networks		ii.	Name space-Flat name space,	
				Hierarchical name space	
			iii.	Domain Name Space -Label ,Domain	
				name, FQDN,PQDN	
Networks		iv.	Distribution of Domain Name Space-		
			Hierarchy of name servers, zone, Root		
			v.	Server , Primary and secondary	
		-		servers. DNS in the Internet: Generic	
				domains, Country domains, inverse	
				domain	

			vi.	Resolution-Resolver, mapping names	
				to address, mapping addresses	
				names, recursive resolution, iterative	
			vii.	resolution,caching Architecture-First scenario, second	
			VII.	scenario, Third scenario, Fourth	
				scenario User agent-services of user	
				agent, types of UA Format of e-mail	
			viii.	MIME-MIME header	
			ix.	Message transfer agent-SMTP	
			x.	Message Access Agent: POP and IMAP	
		A	i.	Foundational Computing Concepts	
				(Client-Server systems vs Peer to Peer	
	TYBSc. Comp. Sci			Systems)	
	Blockchain		ii.	Evolution of Blockchain	
			iii.	Blockchain Vs Database	
	Technology		iv.	Essentials of Blockchain (Blockchain	
				generations, types of blockchain,	
			-	benefits and	
				challenges of blockchain usage) Types	
			V.	of Networks	
			vi.	Layered Architecture of Blockchain	
				Ecosystem	
			vii.	Components of blockchain	
		A	i.	What is Agility?	
			ii.	Agile Process	
			iii.	Agility Principles	
	SYBSc, Comp. Sci		iv.	The Politics Of Agile Development	
	Software		v.	Human Factors	
			vi.	Extreme Programming(XP)	
	Engineering)		vii.	XP Values XP Process Industrial XP	
			viii.	Adaptive Software Development(ASD)	
			ix.	Dynamic System Development Model	
			x.	Agile Unified Process (AUP)	
		A	i.	Process Concept – The processes,	
	TYBSc. Comp. Sci			Process states, Process control block.	
September	•		ii.	Process Scheduling – Scheduling	
2023	Operating			queues, Schedulers, context switch	
2020	Systems		iii.	Operations on Process – Process	
	5,5555			creation with program using fork(),	
				Process	
-			iv.	termination Thread Scheduling-	
			IV.		
				Threads, benefits, Multithreading	
				Models, Thread Libraries	
		A	i.	Digitizing audio and video, Audio and	
	TYBSc. Comp. Sci			Video compression Streaming Stored	
				audio/video	
	Computer		ii.	First approach	
	Networks		iii.	Second approach	
			iv.	Third approach	

Vi. RTCP-Message types Voice over IP- SIP,SIP sessionH.323- Architecture, Protocols A i. Components of blockchain Cryptography iii. (private and public keys, Hashing & Digital Signature) iii. Consensus Mechanisms iv. Cryptocurrency, Digital Currency Bitcoin and Ethereum v. Smart Contracts vi. Blockchain Use case's A i. Requirement Elicitation, iii. Software requirement specification (SRS) Developing Use Cases (UML) iiii. Building the Analysis Model iv. Elements of the Analysis Model v. Analysis Patterns vii. Agile Requirements Software Engineering) SYBSc. Comp. Sci Software Engineering ix. Introduction to UML x. Structural Modeling xii. Use case model xiii. Class model Behavioral Modeling xiiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model Architectural Modeling Component model Artifact model Deployment model Architectural Modeling Component model Artifact model Deployment model Artifact model Deployment model Scheduling Criteria ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin						
TYBSc. Comp. Sci Blockchain Technology ii. (private and public keys, Hashing & Digital Signature) iii. Consensus Mechanisms iv. Cryptocurrency, Digital Currency Bitcoin and Ethereum v. Smart Contracts vi. Blockchain Use case's A i. Requirement Elicitation, iii. Software requirement specification (SRS) Developing Use Cases (UML) iiii. Building the Analysis Model iv. Elements of the Analysis Model v. Analysis Patterns vi. Agile Requirements Engineering vii. Negotiating Requirements viii. Validating Requirements viii. Negotiating Requirements viii. Validating Requirements viii. Use case model xii. Class model Behavioral Modeling xii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model Architectural Modeling Component model Artifact model Deployment model TYBSc. Comp. Sci Operating Systems iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin					SIP,SIP sessionH.323- Architecture,	
Blockchain Technology III. (private and public keys, Hashing & Digital Signature) iii. Consensus Mechanisms iv. Cryptocurrency, Digital Currency Bitcoin and Ethereum v. Smart Contracts vi. Blockchain Use case's A i. Requirement Elicitation, iii. Software requirement specification (SRS) Developing Use Cases (UML) iiii. Building the Analysis Model v. Analysis Patterns vi. Agile Requirements Engineering viii. Validating Requirements ix. Introduction to UML x. Structural Modeling xii. Use case model xiii. Class model Behavioral Modeling xiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model October 2023 Operating Systems A i. Basic Concept – CPU-I/O burst cycle, Scheduling Criteria ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin		TVDSa Comp Soi	A	i.	See A separation of the Control of t	
iv. Cryptocurrency, Digital Currency Bitcoin and Ethereum v. Smart Contracts vi. Blockchain Use case's A i. Requirement Elicitation, ii. Software requirement specification (SRS) Developing Use Cases (UML) iii. Building the Analysis Model iv. Elements of the Analysis Model v. Analysis Patterns vi. Agile Requirements Engineering vii. Negotiating Requirements ix. Introduction to UML x. Structural Modeling xi. Use case model xii. Class model Behavioral Modeling xiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model October 2023 Operating Systems iv. Introduction to UML x. Structural Modeling xiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin					Digital Signature)	
v. Smart Contracts vi. Blockchain Use case's A i. Requirement Elicitation, ii. Software requirement specification (SRS) Developing Use Cases (UML) iii. Building the Analysis Model iv. Elements of the Analysis Model v. Analysis Patterns vi. Agile Requirements Engineering vii. Negotiating Requirements Validating Requirements ix. Introduction to UML x. Structural Modeling xi. Use case model xiii. Class model Behavioral Modeling xiiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model Architectural Modeling Component model Artifact model Deployment model TYBSc. Comp. Sci Operating Systems ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin		Technology			Cryptocurrency, Digital Currency Bitcoin	
A i. Requirement Elicitation, ii. Software requirement specification (SRS) Developing Use Cases (UML) iii. Building the Analysis Model iv. Elements of the Analysis Model v. Analysis Patterns vi. Agile Requirements Engineering Negotiating Requirements viii. Validating Requirements ix. Introduction to UML x. Structural Modeling xii. Class model Behavioral Modeling xiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model Architectural Modeling Component model Architectural Modeling Sequence model Architectural Modeling Communication or Collaboration model Architectural Modeling Component model Architectural Modeling Sequence model Architec					Smart Contracts	
SYBSc. Comp. Sci Software Engineering) October TYBSc. Comp. Sci Operating Systems iii. Building the Analysis Model iv. Elements of the Analysis Model v. Analysis Patterns vi. Agile Requirements Engineering Negotiating Requirements viii. Validating Requirements ix. Introduction to UML x. Structural Modeling xi. Use case model xiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model iv. Elements of the Analysis Model v. Analysis Patterns vi. Agile Requirements Viii. Validating Requirements Validating Negotions Validating Negotions Validating Negotions Validating Negotions Validating Negotions Validating Nego		~	A	i.	Requirement Elicitation, Software requirement specification	
SYBSc. Comp. Sci Software Engineering) Vi. Agile Requirements Engineering Viii. Negotiating Requirements Validating Requirements Introduction to UML X. Structural Modeling Xii. Use case model Xiii. Class model Behavioral Modeling Xiiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model Artifact model Deployment model TYBSc. Comp. Sci Operating Systems Vi. Agile Requirements Engineering Negotiating Requirements Validating Requirements Viii. Validating Requirements Validating Requirements Viii. Validating Requirements Valida					Building the Analysis Model	
Software Engineering) Viii. Validating Requirements ix. Introduction to UML x. Structural Modeling xii. Use case model xiii. Class model Behavioral Modeling xiiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model October TYBSc. Comp. Sci Operating Systems TYBSc. Comp. Sci ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin		SYBSc. Comp. Sci		vi.	Agile Requirements Engineering	
A i. Basic Concept — CPU-I/O burst cycle, Scheduling Criteria ii. CPU scheduler, Pre-emptive scheduling, Dispatcher Systems X. Structural Modeling Xi. Use case model Xii. Class model Behavioral Modeling Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model ii. Basic Concept — CPU-I/O burst cycle, Scheduling Criteria ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms — FCFS, SJF, Priority scheduling, Round-robin		The control of the		viii.	Validating Requirements	
Xiii. Sequence model Activity model Communication or Collaboration model Architectural Modeling Component model Artifact model Deployment model October TYBSc. Comp. Sci Operating Systems TYBSc. Comp. Sci ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin	=	Engineering)		x.	Structural Modeling	
October 2023 TYBSc. Comp. Sci Operating Systems A i. Basic Concept – CPU-I/O burst cycle, Scheduling Criteria ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin					Sequence model Activity model Communication or Collaboration model Architectural Modeling Component	
Operating Systems ii. CPU scheduler, Pre-emptive scheduling, Dispatcher iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin	ctober		A	i.		
Systems iii. Scheduling Algorithms – FCFS, SJF, Priority scheduling, Round-robin	23	•		ii.	CPU scheduler, Pre-emptive scheduling,	
scheduling,		Systems		iii.	Scheduling Algorithms – FCFS, SJF,	
iv. Multiple queue scheduling, Multilevel				iv.	1470 3001 300 300 300 300 300 300 300 300 3	
v. Background Critical Section Problem vi. Semaphores: Usage, Implementation				0.00	Background Critical Section Problem	
A i. Terminology: Cryptography, plain text and cipher text, cipher key,		TVDC- C- C	A	i.		
TYBSc. Comp. Sci ii. categories of cryptography Computer iii. Symmetric key, asymmetric key Encryption mode					categories of cryptography Symmetric key, asymmetric key	

	TYBSc. Comp. Sci Blockchain Technology	A	 iv. Symmetric key cryptography v. Simple Modern ciphers-XOR, Rotation cipher, s-box,p-box Modern round ciphers-DES vi. Mode of operation-ECB,CBC,CFB,OFB vii. Digital signature Entity Authentication-Passwords, Fixed passwords challenge-response i. Understanding SHA256 Hash ii. Immutable Ledger Distributed P2P Network , iii. How Mining Works? iv. Consensus Protocols: Proof of Work, Proof of State, Défense Against
			Attackers, Competing Chains v. Blockchain Demo
	SYBSc. Comp. Sci Software Engineering)	A	 i. Design Process Software ii. Quality Guidelines and Attributes iii. Evolution of Software Design iv. Design Concepts Abstraction
November 2023	TYBSc. Comp. Sci Operating Systems	A	 i. Basic hardware, Address binding ii. Logical versus physical address space, iii. Dynamic loading, Dynamic linking and shared libraries Swapping iv. Contiguous Memory Allocation – Memory mapping and protection, Memory v. Virtual Memory Management – Background, vi. Demand paging, Performance of demand paging, vii. Page replacement – FIFO, Optimal, LRU, MFU i. IPSecurity(IPSec) Two modes
	TYBSc. Comp. Sci	A .	ii. Two security protocols iii. Services provided by IPSec iv. Security association
-			

Net	works	v.	Internet key exchange	
		vi.	Virtual private network	
		vii.	SSL/TLS SSL services	
		viii.	Security parameters	
	1	ix.	Sessions and connections	
		x.	Four protocols	
		xi.	Transport layer security	
		xii.	PGP Security parameters	
		xiii.	Services	
		xiv.	PGP algorithms	
		xv.	Key rings	
		xvi.	PGP certificates	
		xvii.	Firewalls Packet filter firewall	
		xviii.	Proxy firewall	
	A	i.	Ethereum Network	
TVDCa	Comp Soi	ii.	What is a Smart Contract?	
TYBSc. Comp. Some Blockchain	Comp. Ser	iii.	Ethereum Virtual Machine, Ether,	
	kchain		Gas	
Tech	nology	iv.	DApps	
	-	v.	Decentralized Autonomous	
			Organizations (DAO)	
		vi.	Hard and Soft Forks	
		vii.	Initial Coin Offerings	
		viii.	Demo of Smart Contracts	

Signature of faculty (SM+Dh)k/c 5.A)

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RETMENT OF COMPUTER SCIENCE

A.D. Arts, B.W. Commerce

Science College, Sinnar

G.M.D. Arts, B.W. Commerce and Science College, Sinnar, Dist. Nashir

TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: SMT. SHRADDHA A. DHIKLE

CLASS AND SUBJECT:

- 1. FYBSc. Comp. Sci. Relational Database Management Systems(CS-122)
- 2. SYBSc. Comp. Sci. Computer Networks I(CS 242)
- 3. TYBSc. Comp. Sci. Operating Systems-II (CS-361)
- 4. TYBSc. Comp. Sci. Web Technologies II (CS-363)
- 5. TYBSc. Comp. Sci. Data Analytics (CS-364)
- **6. TYBSc. Comp. Sci.** Software Testing Tools(CS-3610)

Month	Class	DIV	Topics to be taught	Remar
				k
December 2023	FYBSc. Comp. Sci (Relational Database Management Systems)	A	 i. Introduction ii. File system Vs DBMS iii. Levels of abstraction & data independence Structure of DBMS (Roles of DBMS Users) iv. Users of DBMS Advantages of DBMS 	
	S.YBSc. Comp. Sci.	A	 i. Data communication, components, data representation ii. Networks, network criteria, network types - LAN, WAN, Switching, The Internet, Accessing the Internet iii. Network Software- Protocol hierarchies, Design Issues of the layer, Connection Oriented and Connectionless Services, iv. Reference models - OSI Reference Models, TCP/IP Reference model, Connection devices in different layers, v. Comparison of OSI and TCP/IP Reference Models. 	
	T.YBSc. Comp. Sci (Operating Systems-II)	A	 i. System model ii. Deadlock Characterization – iii. Necessary conditions iv. Resource allocation graph v. Deadlock Methods- Prevention and Deadlock Avoidance - Safe state, Resource vi. Allocation graph algorithm vii. Banker's Algorithm Deadlock Detection VIII. Recovery from Deadlock – Process termination, Resource preemption 	
	T.YBSc.	A	i. Variables	

¥	Comp. Sci (Web Technologies)		ii. Server information iii. Processing forms Setting response iv. headers Maintaining v. state PHP error handling vi. What is XML? vii. XML document Structure viii. PHP and XML ix. XML parser The document object	
	T.YBSc. Comp. Sci (Data Analytics)	A	 x. model The simple XML extension xi. Changing a value with simple XML i. Concept of data analytics ii. Data analysis vs Data analytics iii. Types of analytics iv. Diagnostic Analytics, Predictive Analytics, Prescriptive Analytics, Exploratory Analysis, Mechanistic Analysis v. Mathematical models vi. Concept Model evaluation: metrics for evaluating vii. classifiers - Class imbalance - AUC, ROC (Receiver-Operator Characteristic) curves, Evaluating value prediction models 	
	T.YBSc. Comp. Sci. (Software Testing Tools)	A	 i. How to identify errors ii. Bugs in the given application. iii. Design entry and exit iv. Criteria for test case, v. Design test cases in excel. vi. Describe feature of a testing method used 	
January 2024	FYBSc. Comp. Sci (Relational Database Management Systems)	A	 i. Overview of DB design process ii. Introduction to data models (E-R model, Relational model, Network model, Hierarchical model) iii. Conceptual design using ER data model Constraints (Key constraints, Integrity constraints) iv. Extended features – Specialization, Aggregation, Generalization v. Pictorial representation of ER(symbols) Structure of Relational Databases (concepts of a table) vi. DBMS Versus RDBMS vii. Case Studies on ER model 	
	S.YBSc. Comp. Sci.	A	i. Communication at the physical layer, data rate limits - Noiseless channel (Nyquist bit rate), noisy channel (Shannon capacity), Performance - bandwidth, throughput, latency, bandwidthdelay product, jitter Design issues of Data Link Layer, Services - Framing, flow control, error control, congestion control, Link layer addressing Framing Methods - Character Count, Flag bytes with	

	γ		
		Byte Stuffing, Flags bits with Bit Stuffing, Physical Layer Coding Violations The Channel allocation problem, Static and dynamic allocation, Media Access Methods - Taxonomy of multiple-access protocols Switching and TCP/IP layers, Types - circuit switching, packet switching and message switching ii. Wired LANs - Standard Ethernet characteristics, Addressing, Access method, implementation, Fast and Gigabit Ethernet Wireless LANs - Architectural comparison, Characteristics, Access control, IEEE 802.11	
T.YBSc. Comp. Sci (Operating Systems-II)	A	 i. File concept , File attributes, File operations ii. Access Methods – Sequential, Direct, Other access methods iii. Directory overview iv. Single level directory, Two level directory v. Tree structure directory vi. Acyclic graph directory viii. General graph directory viiii. Allocation Methods – Contiguous allocation, Linked allocation, Indexed allocation ix. Free Space Management – Bit vector, Linked list, Grouping, Counting, Space maps 	
T.YBSc. Comp. Sci (Web Technologies	A	 i. Overview of JavaScript ii. Object Orientation and JavaScript iii. Basic Syntax(JS datatypes, JS variables) iv. Primitives, Operations and Expressions v. Screen Output and keyboard input(Verification and Validation) vi. JS Control statements and JS Functions JavaScript vii. HTML DOM Events(onmouseup, onmousedown, onclick, onload, onmouseover, onmouseout). 	
T.YBSc. Comp. Sci (Data Analytics)	A	 i. Introduction to Machine Learning, deep learning, ii. Artificial intelligence Applications for machine learning in data science iii. The modeling process iv. Engineering features and selecting a model, Training the model, v. Validating the model, Predicting new observations 	

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			vi. Types of machine learning vii. Supervised learning, viii. Unsupervised learning, ix. Semi-supervised	
	T.YBSc. Comp. Sci. (Software Testing Tools)	A	Write simple programs make use of loops and controlstructures. Write Test Cases for above programs.	
February		A	i. Introduction to query languages	
2024	FYBSc. Comp. Sci (Relational Database Management Systems)		 ii. Basic structure iii. DDL Commands iv. DML Commands v. Forms of a basic SQL query (Expression and strings in SQL) vi. Set operations vii. Aggregate Operators and functions viii. Date and String functions ix. Null values x. Nested Subqueries xi. SQL mechanisms for joining relations (inner joins, outer joins and their types) xii. Views xiii. Examples on SQL (case 	
			studies)	
	S.YBSc. Comp. Sci.	A	 i. Network layer services - Packetizing, Routing and forwarding, other services ii. Open and closed loop congestion control IPv4 addressing- Address space, classful addressing, Subnetting, Supernetting, classless addressing, Network address resolution (NAT) iii. Forwarding of IP packets- based on destination address, based on label Network Layer Protocols- Internet Protocol (IP), IPv4 datagram format, Fragmentation, options Mobile IPaddressing, agents, Three phases Next Generation IP- IPv6 address representation, address space, address types, IPv6 protocol, packet format, extension header, Difference between IPv4 and IPv6 iv. Routing - General idea, Algorithms - Distance vector routing, link state routing, pathvector routing 	
	T.YBSc. Comp. Sci (Operating	A	 i. Overview, Disk Structure Disk Scheduling ii. FCFS Scheduling, SSTF Scheduling, Scan Scheduling-Scan 	

	Systems-II)		 iii. Scheduling, Look Scheduling iv. Disk Management v. What is a distributed system VI. Design goals Types of distributed systems Architectural styles: Layered architectures, Resourcecentered architectures 	
	T.YBSc. Comp. Sci (Web Technologies	A	 i. JS Strings and JS String ii. methods JS popup boxes(alert, confirm, prompt). iii. Jquery library , Including jquery library in page iv. Jquery selector , v. DOM manipulation using jquery vi. Introduction of AJAX vii. AJAX web application model viii. AJAX –PHP framework Performing ix. AJAX validation Handling x. XML data using php and AJAX X1. Connecting database using php and AJAX 	
	T.YBSc. Comp. Sci (Data Analytics)	A	 i. What kind of patterns can be mined Class/Concept ii. Description: Characterization and Discrimination iii. Mining Frequent Patterns, Associations, and Correlations iv. Classification and Regression for Predictive Analysis v. Cluster Analysis, Outlier Analysis Mining frequent patterns - Market Basket Analysis. Frequent Itemsets, Closed Itemsets, and Association Rules Frequent Itemset Mining Methods Apriori vi. Algorithm Generating Association Rules from Frequent Itemsets vii. Improving efficiency of apriori algorithm Frequent pattern growth (FP-growth) algorithm 	
	T.YBSc. Comp. Sci. (Software Testing Tools)	A	i. Write Test Plan for given application with resources required. ii. Write Test case for given application. Prepare Test report for test cases executed iii. Defect Life Cycle iv. Classification of Defect v. Write Defect Report	
March 2024	FYBSc. Comp. Sci (Relational Database Management	A	 i. Introduction to Relational-Database Design ii. (Functional Dependency(Basic concepts, F+, Closure of an Attribute set, Armstrong's axioms) 	

S.YBSc. Comp. Sci.	A	 iii. Concept of Decomposition iv. Desirable Properties of Decomposition (Lossless join, Lossy join, Dependency Preservation) v. Concept of normalization, Normal Forms (1NF,2NF and 3NF), Examples vi. Keys Concept with Examples: Candidate Keys and Super Keys, Algorithm to find the super keys / primary key for a relation i. Transport layer Services- Process- to-process communication, 	
Comp. Sei.		Addressing, Encapsulation and decapsulation, Multiplexing and demultiplexing, Flow control, Pushing or pulling, Flow control, Buffers, Sequence numbers, Acknowledgements, sliding window, congestion control Connectionless and Connection-oriented service, Port numbers ii. Transport layer protocols- User datagram protocol, user datagram, UDP services Transmission Control Protocol - TCP Services, TCP Features, TCP Segment format, three-way handshake for connection establishment and termination, State transition diagram, windows in TCP.	
T.YBSc. Comp. Sci (Operating Systems-II)	A	 i. Introduction Features ii. Special Constraints and Requirements of Mobile Operating System iii. Special Service Requirements iv. ARM & Intel architectures – Power management v. Mobile OS architectures – Underlying OS, kernel structure & native level programming, Runtime issues vi. Approaches to power management Commercial Mobile Operating Systems - Windows Mobile, iPhone OS (iOS) vii. Android A Comparative Study of Mobile Operating Systems (Palm OS, Android, Symbian viii. OS, Blackberry OS, Apple iOS) 	
T.YBSc. Comp. Sci (Web Technologies	A	 i. Codelgniter - Overview, ii. Installing Codelgnite Application Architecture iii. MVC Framework , Basic concept of Codelgniter, 	

)		 iv. Libraries Working with databases v. Load external JS and CSS page & redirecting from controller, vi. Adding JS and CSS vii. Page redirection viii. Loading dynamic data on page & session management, cookies management 	
T.YBSc. Comp. Sci (Data Analytics)	A	 i. Overview of social media analytics ii. Social Media Analytics iii. Process, Seven layers of social media analytics, accessing social media data Key social media analytics iv. methods Social network analysis Link prediction, v. Community detection, Influence maximization, vi. Expert finding, Prediction of trust and distrust among individuals vii. Introduction to Natural Language Processing Text Analytics: Tokenization, Bag of words, Word weighting: TF-IDF, n-Grams, stop words, viii. Stemming and lemmatization, synonyms and parts of speech tagging Sentiment Analysis Document or text summarization Trend analytics Challenges to social media analytics 	
T.YBSc. Comp. Sci.	A	i. Write Test Plan for given applicationii. with resources required.iii. Write Test case for given application.	
(Software		iv. Prepare Test report for test cases executed	
Testing		v. How to make use of Automation	
Tools)		vi. Tools Types of Testing Tools	

Signature of faculty
(5m+ Dhikic s.A)

HEADA D

DEPARTMENT OF COMPUTER SCIENCE G.M.D. Arts, B.W. Commerce and Science College, Sinnar G.M.D. Arts, B.W. Commerce and Science College, Sinner, Dist, Nashik

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR. MORE AKSHAY VIJAY

CLASS AND SUBJECT:

1. FYBSC - Plant Morphology and Anatomy

1. TYBSC - 1. Spermatophyta and Paleobotany

2. Cell and Molecular Biology

3. Genetics

4. Medicinal Botany

5. Plant Diversity and Human Health

Month	Class	Subject	Topics to be taught	Remark
	FYBSC	Plant Morphology and Anatomy	Morphology Inflorescence	
	TYBSC	Spermatophyta and Paleobotany	 Origin of Angiosperm Speciation and Endemism	
		Cell and Molecular Biology	Introduction to cell biology	
		Genetics	Introduction to GeneticsMendelism	
September 2022		Medicinal Botany	Medicinal PlantsIndigenous Medicinal Sciences	
		Plant Diversity and Human Health	Plant diversityAgrobiodiversity	
	FYBSC		• Flower	

October 2022		Plant Morphology	• Fruits	
2022		and Anatomy		
	TYBSC	Spermatophyta and Paleobotany	• Classification	
		Cell and Molecular Biology	Cell organells	
		Genetics	Neo MendelismMultiple Alleles	
		Medicinal Botany	Ayurveda Siddha	
		Plant Diversity and Human Health	 Loss of Biodiversity Management of Plant Biodiversity 	
	FYBSC	Plant Morphology and Anatomy	Types of Tissues	
	TYBSC	Spermatophyta and Paleobotany	Herberia And Botanical garden	
November		Cell and Molecular Biology	Nucleus Cell signalling	
2022		Genetics	Likage and recombination Mutation	
		Medicinal Botany	Unani Conservation of endangered and endemic medicinal plants	
		Plant Diversity and Human Health	Conservation of Biodiversity	
December 2022	FYBSC	Plant Morphology and Anatomy	Internal organization of Primary Plant Body	
	TYBSC	Spermatophyta and Paleobotany	Gymnosperm and Paleobotany	
		Cell and Molecular Biology	Molecular Biology	
		Genetics	• Chromosomes	
		Medicinal Botany	Propagation of Medicinal Plants	-1

	 Ethnobotany and Folk medicines Folk medicines 	
Plant Diversity and Human Health	Role of plants in relation to Human Welfare	

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TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: MR. MORE AKSHAY VIJAY

CLASS AND SUBJECT:

1. FYBSC - Principles of Plant Science

1. TYBSC - 1. Plant Pathology

2. Evolution and Population Genetics

3. Plant Breeding and Seed Technology

4. Nursery and Gardening Management

5. Biofertilizers

Month	Class	Subject	Topics to be taught	Remark
	FYBSC	Principles of Plant Science	 Introduction Diffusion Osmosis Plasmolysis 	
	TYBSC	Plant Pathology	 Fundamentals of Plant Pathology Disease Development 	
January 2022		Evolution and Population Genetics	Organic Evolution	
		Plant Breeding and Seed Technology	 Introduction Techniques and practices of plant breeding 	
		Nursery and Gardening Management	NurserySeed	
		Biofertilizers	 Introduction Bacterial Biofertilizers 	

	FYBSC	Principles of Plant Science	 Plant growth Plant cell wall Cell cycle in plants
	TYBSC	Plant Pathology	Defense Mechanisms Methods of Studying Plant Diseases
February 2022		Evolution and Population Genetics	Evidences of Evolution
		Plant Breeding and Seed Technology	Advanced techniques in Plant breeding Introduction to Seed Technology
		Nursery and Gardening Management	Vegetative propagation
		Biofertilizers	Algal Biofertilizers
	FYBSC	Principles of Plant Science	Introduction and scope of molecular biology Central dogma of molecular biology Watson Crick model of DNA
	TYBSC	Plant Pathology	Fungal Plant Diseases Bacterial Plant Diseases
March 2022		Evolution and Population Genetics	Evolution Through Ages
		Plant Breeding and Seed Technology	 Seed legislation Seed Production Seed Certification
		Nursery and Gardening Management	Gardening
		Biofertilizers	Fungal Biofertilizers
April 2022	FYBSC	Principles of Plant Science	 Types of chromosomes Structure and types of RNA DNA replication

	TYBSC	Plant Pathology	 Mycoplasma Plant Diseases Nematodal Plant Diseases Viral Plant Diseases Non-Parasitic Diseases
		Evolution and Population Genetics	 Population Genetics and Evolution Speciation and Isolating Mechanisms
		Plant Breeding and Seed Technology	 Seed Testing Seed Pathology and Entomology Seed Storage
		Nursery and Gardening Management	Sowing/raising of seeds and seedlings
		Biofertilizers	Compost and Manure

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Mathematics

TEACHING PLAN (2022-2023)

TERM-I

Name of Teacher: SMT.M.R.KHALKAR

CLASS AND SUBJECT:

1. FYBSC- Algebra (MT-111)

2. FYBCS-

3. SYBCS - Groups and Coding Theory (MTC-231)

4. TYBSC - Group Theory (MT-353)

Month	Class	Topics to be taught	Remark
	FYBSC	 Sets, Relations, Equivalence relations, Equivalence classes and partitions of a set Functions, Basic terminology, Types of Functions, Inverse of a Function, Composition of Functions 	
	FYBCS	•	
September 2021	SYBCS	 Division Algorithm (without Proof) G.C.D. using division algorithm and expressing it as linear combination Euclid's lemma Equivalence relation (revision), Congruence relation on set of integers, Equivalence class partition 	
Y y	TYBSC	Binary OperationIsomorphic Binary StructuresGroups	(9
	FYBSC	 Mathematical Induction: Well-Ordering Principle. The Division Algorithm, The Greatest Common Divisor, Euclid's Lemma, The Least Common Multiple, The Euclidean Algorithm 	
October	FYBCS	•	
2021	SYBCS	 Binary Operation Group: Definition and Examples Elementary Properties of Groups 	
	TYBSC	SubgroupsCyclic Groups	
	FYBSC	The Fundamental Number of Arithmetic: Prime Numbers, Euclid's Lemma	

November 2021		 The theory of Congruence: Basic Properties of congruence. Fermat's Theorem 	
	FYBCS	•	
	SYBCS	 Order of a group, order of an element Examples (Zn, +) and (U(n), *) Subgroup definition, Finite subgroup test, subgroups of Zn Generator, cyclic group, finding generators of Zn(Corollary 3,4 without proof) Permutation group, definition, composition of two permutations, representation as product of disjoint cycles, inverse and order of a permutation, even/odd permutation Cosets: Definition, Examples and Properties, Lagrange Theorem 	
	TYBSC	 Groups of Permutations Orbits Cycles Alternating Groups Cosets and the Theorem of Lagrange Direct Products 	
	FYBSC	 Sums and Products, Basic Algebraic Properties, Moduli, Complex Conjugates Exponential form, Products and Quotients, De-Moivre's theorem. Roots of Complex Numbers: The nth roots of unity. Regions in Complex Plane. 	
	FYBCS	•	
December 2021	SYBCS	 Coding of Binary Information and Error detection Decoding and Error Correction Public Key Cryptography 	
	TYBSC	 Homomorphisms Factor Groups Factor Group Computations and Simple Groups 	

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TEACHING PLAN (2022-2023)

TERM-I

Name of Teacher: SMT. P.S.AHER

CLASS AND SUBJECT:

1. FYBSC- Calculus-I (MT-112)

2. SYBSC - Calculus of Several variables (MT-231)

3. TYBSC - Real Analysis-I (MT-352)

4. TYBSC - Ordinary Differential Equations (MT-354)

Month	Class	Topics to be taught	Remark
	FYBSC	 The Algebraic and Order properties of R Absolute Value and Real Line The Completeness property of R Applications of Supremum property 	
	SYBSC	 Functions of Several Variables Limits and Continuity 	
September 2021	TYBSC (MT-352)	 Introduction 'and','or','not','if-then' Quantifiers Relations and functions Countable and uncountable sets 	
	TYBSC (MT-354)	 Constant coefficient homogeneous equations Characteristic equations Particular solution Initial value problem Various operators 	
	FYBSC	 Sequences and their Limits Limits Theorems Monotone Sequences Subsequences and Bolzano Wierstrass Theorem 	
October 2021	SYBSC	 Definitions and examples of partial derivatives Higher derivatives Chain Rule 	
	TYBSC (MT-352)	 Definitions of sequences and subsequences Convergent sequences Divergent sequences Bounded sequences 	

		Monotone sequences	
	TYBSC (MT-354)	 Principle of superposition Method of undetermined coefficients Method of reduction of order 	
	,	 Method of variation of parameters Functions and their graphs 	
	FYBSC	 Limits of functions Limit theorems Some extension of limit concepts 	
November	SYBSC	 Necessary conditions for extreme values Second derivative test Lagrange multipliers 	
2021	TYBSC (MT-352)	 Operations on convergent sequences Operations on divergent sequences Limit superior and limit inferior Cauchy sequences 	100
	TYBSC (MT-354)	 Review the properties of power series Series solution near an ordinary point Regular singular points Euler equations 	
	FYBSC	Continuous Functions Continuous functions on intervals	
	SYBSC	 Iterated integrals, fubini's theorem Double integrals Double integrals in polar co-ordinates Triple integrals Jacobians 	
December 2021	TYBSC (MT-352)	 Convergent and divergent Series with non-negative term Alternating series Conditional convergence and absolute convergence Rearrangement of series Tests for absolute convergence Series whose terms forms a non-negative sequence 	
	TYBSC (MT-354)	 Introduction Linear systems Homogeneous systems 	

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TEACHING PLAN (2022-2023)

TERM- II

Name of Teacher: SMT. S.G.JAGTAP

CLASS AND SUBJECT:

1. FYBSC - Calculus-II (MT-122)

2. SYBSC - Vector Calculus (MT-242(A))

3. TYBSC - Ring Theory (MT-363)

4. TYBSC - Mathematics into LaTeX (MT-3611)

Month	Class	Topics to be taught	Remark
	FYBSC	The DerivativesThe Mean Value Theorems	
January	SYBSC	 Curves in space, limits and continuity Integrals of vector function Arc length curvature 	
	TYBSC	 Rings, subring, fields 	
2022	(MT-363)	Divisors of zero, integral domainField of quotients	
	TYBSC	 Commands for Inserting figures 	- 1
	(MT-3611)	Sub-numbering a group of figuresFigures in tables	
February 2022	FYBSC	 L'Hospital Rule Taylor's Theorem Successive Differentiation 	
	SYBSC	 Line integrals Vector fields Work, velocity Path independence Divergence, Green's theorem 	
	TYBSC (MT-363)	 Polynomials Evaluation homomorphism Factorization Irreducible polynomials 	
	TYBSC (MT-3611)	 Notations, delimiters and operators Simple equations Array of equations Alignment and sub numbering of equations 	

	FYBSC	 Linear first order equations Separable equations Solutions of non-linear equations 	
	SYBSC	 Parameterization of surfaces, implicit surfaces Surface integrals Vector fields 	
March	TYBSC (MT-363)	 Homomorphism Ideals, factor rings Maximal ideal, prime ideal 	
2022	TYBSC (MT-3611)	 Texts and Blank Space in Math-Mode Conditional Expression Evaluation of Functional Values Splitting an Equation into Multiple Lines Vector and Matrix Overlining and Underlining Stacking Terms Side-by-Side Equations 	
	FYBSC	 Transformation Exact Differential equations Integrating factors 	
	SYBSC	 Curl, Stoke's theorem Divergence Unifying the integral theorems 	
April 2022	TYBSC (MT-363)	 Unique factorization domain Principal ideal domain Euclidean domain Gaussian integrals 	
	TYBSC (MT-3611)	 Defining New Commands Defining New Environments 	

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TEACHING PLAN (2022-2023)

TERM- II

Name of Teacher: SMT.S.S.GHOLAP

CLASS AND SUBJECT:

1. FYBSC - Analytical Geometry (MT-121)

2. FYBCS - Stat-I

3. TYBSC - Partial Differential Equations (MT-364)

4. TYBSC - Optimization Techniques (MT-365(A))

5. TYBSC - Programming in Python-II (MT-3610)

Month	Class	Topics to be taught	Remark
	FYBSC	 Change of axes: translation and rotation. Conic Sections: General equation of second degree in two variables Reduction to standard form, center of conic, nature of conic. 	
	FYBCS	•	
January 2022	TYBSC (MT-364)	 Surfaces and Curves in Three Dimensions Simultaneous Differential Equations of the First Order and the First Degree in Three Variables. Methods of solution of dx /P = dy/Q = dz/R Pfaffian Differential Forms and Equations. Solution of Pfaffian Differential Equations in Three Variables 	
	TYBSC (MT-365(A))	 CPM and PERT, Network representation, Critical Path Computations Construction of the time schedule, PERT networks. Game theory, Some basic terminologies 	
	TYBSC (MT-3610)	 Turtle Graphics: Overview of Turtle Graphics, Turtle Operations, Object 	

		 Instantiation and the turtle graphics Module. Drawing Two-Dimensional Shapes Taking a Random Walk Colors and the RGB System Drawing with Random Colors Using the str Function with Objects 	
	FYBSC	 Direction cosines and direction ratios, Equation of plane, Normal form, Transform to the normal form, Plane passing through three non-collinear points, Intercept form, Angle between two planes. Distance of a point from a plane, Distance between parallel planes, Systems of planes, two sides of planes, Bisector planes. 	
	FYBCS	• 450	
	TYBSC (MT-364)	 Introduction to Partial Differential Equations Origin of first order Partial Differential Equations Linear Equations of First order equations Integral surfaces passing through given curve 	
February 2022	TYBSC (MT-365(A))	 Optimal solution of two person zero sum game Solution of mixed strategy games Introduction, Types of failure Replacement of items whose efficiency deteriorates with time. 	
	TYBSC (MT-3610)	 Seaborn Matplotlib Plotly MayaVI Introduction to Dictionary, Avoiding Key Error Exceptions, Iterating Over a Dictionary, Dictionary with default values, Merging dictionaries, Accessing keys and values, Accessing values of a dictionary, Creating dictionary, Creating an ordered dictionary, Unpacking dictionaries using the ** operator 	
	FYBSC	 Equations of a line in Symmetric and unsymmetrical forms, Line passing through two points, Angle between a line and a plane. 	

March 2022		Perpendicular distance of a point from a plane, Condition for two lines to be coplanar	
	FYBCS	•	
	TYBSC (MT-364)	 The Origin of Second Order Partial Differential Equations. Linear Partial Differential Equations with constant coefficients. Methods of solving Linear Partial Differential Equations 	
Monte	TYBSC (MT-365(A))	 Introduction, Notation, terminology and assumptions processing n jobs through two machines, processing n jobs through three machines. 	
	TYBSC (MT-3610)	 Sorting, Minimum and Maximum: Special case: dictionaries, Using the key argument, Default Argument to max, min, Getting a sorted sequence, Extracting N largest or N smallest items from an iterable, Getting the minimum or maximum of several values, Minimum and Maximum of a sequence. Points: The distance between two points, Lists of Points - the PointList class, Integer point lists, Ordered Point sets, Extreme Points of a PointList, Random sets of Points not in general position. Points: Displaying Points and other geometrical objects, Lines, rays, and line segments, The geometry of line segments, Displaying lines, rays and line segments 	
	FYBSC	 Equation of a sphere in different forms, plane section of a sphere. Equation of a circle, sphere through a given circle Intersection of a sphere and a line, Equation of tangent plane to sphere. 	
	FYBCS	•	
April 2022	TYBSC (MT-364)	 Classification of second order partial differential equations, canonical forms Solution of Laplace equations by separation variables methods Solution of periodic differential equations by separation variables method 	

	Solution of wave equation by separation variables method.	
TYB (MT-36	Newton Raphson method,	
TYB (MT-3	reflection	

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Teaching plan

Academic years 2023 - 2024
T.Y.B.Sc. Botany CBCS Pattern (Semester V, Paper V)
BO 355: Cell and Molecular Biology - 2 Credits (30 Lectures)

Teacher Name: Dr. B.W. Chavre

Month s	Week	Topic:	Topic: Unit-wise Details	Total Lectures	
	I	Introduction to Cell Biology	Definition, Brief history of Cell Biology, Units of measurement for cell, Interdisciplinary nature of Cell Biology	03	15
		Cell organelles	Ultrastructure, components, and functions of Cell wall and cell membranes		
July	П	Cell organelles	Ultrastructure, components and functions of mitochondria and Chloroplast, endoplasmic Reticulum, Golgi apparatus, Lysosomes, Vacuoles, Peroxisomes & Glyoxysomes	03	
	Ш	Nucleus	Morphology and ultrastructure of nucleus, nucleolus and nucleolar organizer Nuclear envelope – structure of nuclear pore complex, transport of molecules across nuclear envelope.	03	
	IV	Chromosomes	Euchromatin and heterochromatin Histones, Packing of DNA into chromosomes in eukaryotes, Karyotype and ideogram, Polytene chromosomes and lampbrush chromosomes.	03	
	I	Cell signalling	Introduction and definition, Signaling molecules and receptors, Calcium signaling pathway in plants	03	
August	II	Genetic material DNA	Historical perspective from 1953 to 2020, Griffith's and Avery's transformation experiments, Hershey-Chase bacteriophage experiment.	03	15
	Ш	DNA replication (Prokaryotes and Eukaryotes)	Molecular mechanism of DNA replication. Enzymes involved in both prokaryotic and eukaryotic DNA replication and their inhibitors (antibiotics).	03	

	IV	Gene expression:Tra nscription (Prokaryotes in details and passing remarks on Eukaryotes)	Types of RNA: mRNA, tRNA, rRNA; types of promoters; types of RNA polymerase enzymes in eukaryotes; molecular mechanism of transcription.	03
Sept	I	Translation (Prokaryotes and Eukaryotes)	Definition, concept and properties of genetic code; molecular mechanism of translation.	03
	II	Regulation of gene expression	Concept of operon, <i>lac</i> operon and <i>trp</i> operon, positive and negative control, one gene one enzyme hypothesis.	03
	III		Revision and tutorials	
	IV		Test	
Oct	I		Practical Examination	

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Teaching plan

Academic years 2023 - 2024

S. Y. B. Sc. Botany CBCS Pattern (Semester III, Paper I) BO 231: Taxonomy of Angiosperms and Plant Ecology - 2 Credits (30 Lectures)

Teacher Name: Dr. B.W. Chavre

	Month s	Week	Topic:	Topic: Unit-wise Details	Total Lectures	
	Fel	I	Introduction to Angiosperms Taxonomy	Definition, scope, objectives and importance of taxonomy Exploration, Description, Identification, Nomenclature and classification Concept of Systematics with brief historical background	03	15
	Feb		Systems of classification	Comparative account of various systems of classification		
		II	Systems of classification	Artificial system- Carl Linnaeus Natural system- Bentham and Hooker Phylogenetic system- Engler and Prantl	03	
)		Ш	Systems of classification Study of Plant Families	APG system- A brief review Study of following families with reference to systematic position (As per Bentham and Hooker's system of classification), salient features, floral formula, floral diagram and any five examples with their economic	03	
		IV	Study of Plant Families	importance – Annonaceae, Brassicaceae, Study of following families with reference to systematic position (As per Bentham and Hooker's system of classification), salient features, floral formula, floral diagram and any five examples with their economic importance –Myrtaceaee, Rubiaceae, Solanaceae	03	
	March	I	Study of Plant Families	Study of following families with reference to systematic position (As per Bentham and Hooker's system of classification), salient features, floral formula, floral diagram and any five examples with their economic importance –Apocynaceae, Nyctaginaceae and Amaryllidaceae	03	

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	П	Botanical Nomenclature	Concept of nomenclature, brief history, Binomial nomenclature International Code for Nomenclature of Algae, Fungi and Plants (ICN)- Principles, Rules and Recommendations; 'Type' specimen and its types (Holotype, Paratype, Isotype, Lectotype, Neotype). Concept of Typification.	03	15
	Ш	Botanical Nomenclature	Ranks and endings of taxa names, Coining of Genus and Species names Single, double and multiple authority citations	03	
	IV	Introduction to ecology	Definition, concept, scope, and interdisciplinary approach, autecology and synecology. Species diversity: definition, concept, scope, and types: Alpha, Beta and Gamma diversity. Methods of vegetation sampling: quadrat method, transect method, plot less method	03	
Apr	I	Introduction to ecology	Genetic Diversity: definition, nature and origin of genetic variations Species Diversity: definition, origin of species diversity, diversity indices, species abundance Ecosystem Diversity: definition, major ecosystem types of the world, Hotspots in India – concept and basis of 'hotspot' identification	03	
	П	Ecological grouping of the plants	Ecological grouping of the plants with reference to their significance of adaptive external and internal features: a) Hydrophytes, b) Mesophytes c) Xerophytes d) Halophytes with examples.	03	
	III		Revision		
	IV		Test	140	
May	I		Practical Examination		

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Teaching plan

Academic years 2023 - 2024

F. Y. B. Sc. Botany CBCS Pattern (Semester I, Paper I)

BO 111: Plant Life Utilization-I - 2 Credits (30 Lectures)

Teacher Name: Dr. B.W. Chavre

Month s	Week	Topic:	Topic: Unit-wise Details	Total Lectures	
Feb	I	Introduction	General outline of plant kingdom (Lower Cryptogams: Thallophytes- Algae, Fungi & Lichens; Higher Cryptogams: Bryophytes and Pteridophytes; Phanerogams: Gymnosperms and Angiosperms- Dicotyledons and Monocotyledons). Distinguishing characters of these groups and mention few common examples from each.	03	15
	П	Algae	2.1: Introduction 2.2: General Characters 2.3: Classification (Bold and Wynne 1978) up to classes with reasons	03	
	Ш	Algae	Life Cycle of Spirogyra w.r.t. Habit, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual	03	
	IV	Algae	Sexual Reproduction, Systematic position with reasons Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals, Food and Fodder	03	
	I	Lichens	Introduction General Characters Nature of Association, forms- Crustose, Foliose and Fruticose. Utilization of lichens.	03	
March	II	Fungi	Introduction General Characters Classification (Ainsworth, 1973)	03	15
	Ш	Fungi	Life Cycle of Mushroom- Agaricus bisporus w.r.t. Habit, Habitat, Structure of thallus, Structure of Sporocarp, Structure of Gill, Reproduction- Asexual	03	

	IV	Fungi	Sexual Reproduction, Systematic position. Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals.	03
Apr	I	Bryophytes	Introduction General Characters Classification (G.M. Smith 1955)	03
	П	Bryophytes	Life Cycle of <i>Riccia</i> w.r.t. Habit, habitat, external and internal structure of thallus, Reproduction- vegetative, asexual and sexual- Structure of sex organs, fertilization, structure of mature sporophyte, structure of spore, systematic position with reasons. Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine.	03
	III		Test	
	IV		Practical Exam	
May	I		Summer vacation	

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Teaching plan

Academic years 2023 - 2024 T.Y.B.Sc. Botany CBCS Pattern (Semester VI, Paper I) BO 361: Plant Physiology & Metabolism - 2 Credits (30 Lectures)

Teacher Name: Dr. B.W. Chavre

Month s	Week	Topic:	Topic: Unit-wise Details	Total Lectures	
	I	Mineral nutrition	Classification of mineral elements, macro and micronutrients; Role of essential elements; Transport of ions across cell membrane, Ionophores, Carriers and Channels	03	15
Feb	П	Photosynthesi s	Mechanism of photosynthesis- Electromagnetic spectrum Ultra-Structure of Chloroplast, Organization of Light- Absorbing Antenna Systems	.03	
	III	Photosynthesi s	Light Reaction: (Cyclic and Non-cyclic photophosphorylation), Dark Reaction: Calvin-Benson Cycle, Photorespiration, C4 cycle	03	
	IV	Photosynthesi s	CAM pathway of carbon fixation	01	
		Respiration	Types of respiration (Aerobic and anaerobic), Mechanism of aerobic respiration	02	
	I	Respiration	Glycolysis, TCA cycle, terminal oxidation and phosphorylation in respiratory chain); Pentose Phosphate Pathway.	03	
March	II	Stomatal Biology	light-dependent Stomatal Opening, Mediation of Blue light Photoreception in Guard Cells by Zeaxanthin, Reversal of Blue Light- Stimulated Opening by Green Light.	03	15
	Ш	Stomatal Biology	The Resolving Power of Photophysiology (Overview)	01	
		Translocation in phloem	Composition of phloem sap, girdling experiment	02	

	IV	Translocation in phloem	Pressure flow model.	01
		Plant growth regulators	Discovery and physiological roles of auxins, gibberellins,	02
Apr	I	Plant growth regulators	Discovery and physiological roles of cytokinins, ABA, ethylene.	03
	II	Photomorpho genesis	Red and far red light responses on photomorphogenesis; Phytochrome (discovery and mode of action).	03
	III		Revision	41
	IV		Test	
May	I		Practical Examination	

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Teaching plan Academic years 2023 - 2024

S. Y. B. Sc. Botany CBCS Pattern (Semester IV, Paper I)

BO 241: Plant Anatomy & Embryology - 2 Credits (30 Lectures)

Teacher Name: Dr. B.W. Chavre

Month s	Week	Topic:	Topic: Unit-wise Details	Total Lectures	
	I	Plant Anatomy 1. Introduction	1.1 Definition 1.2 Scope of plant anatomy	03	15
Feb	II	2. Epidermal tissue system	2.1 Structure, types and functions of epidermis 2.2 Structure, types and functions of Stomata 2.3 Epidermal outgrowths- non-glandular and glandular 2.4 Motor cells	03	
	Ш	3. Mechanical tissue system	3.1 Principles involved in distribution of mechanical tissues with one example each a) Inflexibility, b) Incompressibility, c) Inextensibility and d) Shearing stress 3.2 Vascular tissue system: Structure and function of xylem, phloem and cambium	03	
	IV	4. Normal secondary growth	4.1 Introduction 4.2 Normal secondary growth in dicotyledonous stem 4.3 Development of annual rings, periderm, bark, tyloses and lenticel	03	
March	I	5. Anomalous secondary growth	5.1 Introduction 5.2 Causes of anomalous secondary growth 5.3 Anomalous secondary growth in: a) Dicotyledonous stem (<i>Bignonia</i>), b) Dicotyledonous root (<i>Raphanus</i>), c) Monocotyledonous stem (<i>Dracaena</i>)	03	

		II	Plant Embryology 6. Introduction 7.	6.1 Definition and scope of plant embryology	01	15
			Microsporangiu m and male gametophyte	7.1 Structure of tetrasporangiate anther 7.2 Types of tapetum	02	
COLUMN TANKS OF THE COLUMN SECTION		Ш	7. Microsporangiu m and male gametophyte	7.3 Sporogenous tissue 7.4 Microsporogenesis: process and its types 7.5 Types of microspore tetrad 7.6 Male gametophyte: structure and development of male gametophyte	03	
)		IV	8. Megasporangiu m and female gametophyte	8.1 Structure 8.2 Types of ovules 8.3 Types of megaspore tetrads 8.4 Female gametophyte: structure of typical embryo sac 8.5 Types of embryo sacs – monosporic, bisporic and tetrasporic	03	
	Apr	I	9. Pollination and Fertilization	9.1 Introduction and definition 9.2 Types of pollination 9.3 Germination of pollen grain 9.4 Entry of pollen tube- porogamy, mesogam 9.5 Double fertilization and its significance.	03	
Seattle Comment of the Comment of th		П	10. Endosperm and embryo	10.1 Endosperm: Types – nuclear, helobial and cellular. 10.2 Structure of Dicotyledonous and Monocotyledonous embryo.	03	
200		III		Revision		
		IV		Test		
	May	I		Practical Examination		

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Signature of Teacher

Head, Department of Botany DEPARTMENT OF BOTANY

HEAD G.M.D.Arts, B.W.Commerce and Science College, Sinner, Diet. Nashik PRINCIPAL
G.M.D. Arts, B.W. Commerce and
Science College, Sinner, Dist. Nashik

G.M.D ARTS, B.W. COMMERCE AND SCIENCE COLLEGE, SINNAR DEPARTMENT OF BOTANY

Teaching plan Academic years 2023 - 2024

F. Y. B. Sc. Botany CBCS Pattern (Semester IV, Paper I) BO 121: Plant Life Utilization-II - 2 Credits (30 Lectures)

Teacher Name: Dr. B.W. Chavre

Month s	Week	Topic:	Topic: Unit-wise Details	Total Lectures	
	I	Introduction	Introduction to plant diversity- Pteridophytes, Gymnosperms and Angiosperms with reference to vascular plants.	03	15
Feb	II	Pteridophytes	General characters, Outline classification according to Sporne (1976) up to classes with reasons.	03	
	III	Pteridophytes	Life cycle of <i>Nephrolepis</i> w.r.t. Habit, habitat, distribution, morphology	03	
	IV	Pteridophytes	Anatomy of stem and leaf, Reproduction – vegetative and sexual.	03	
	I	Pteridophytes	Utilization and economic importance of Pteridophytes.	03	
March	II	Gymnosperms	General characters, Outline classification according to Sporne (1977) up to classes with reasons	03	15
	III	Gymnosperms	7 Life cycle of <i>Cycas</i> w.r.t. Habit, Habitat, Distribution, Morphology and Anatomy of Stem, leaf and reproductive organs- Male cone, Microsporophyll, microspores	03	
	IV	Gymnosperms	Megasporophyll, megaspore, structure of seed; Utilization and economic importance of gymnosperms.	03	
Apr	I	Angiosperms	General characters, Outline of classification of Bentham and Hooker's system up to series, comparative account of monocotyledons and dicotyledons	03	

	II	Angiosperms	Utilization and economic importance of Angiosperms: In food, fodder, fibers, horticulture and medicines.	03	
	III		Revision		100
	IV		Test		
May	I		Practical Examination		

Signature of Teacher

Head, Department of Botany

DEPARTMENT OF BOTANY HEAD

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of Microbiology

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: MRS. KUTE D.M.

CLASS AND SUBJECT:

1. F.Y. B.Sc - Bacterial cell and biochemistry

2. T.Y.B.Sc - a. Immunology-II

b. Nanobiotechnology

c. Food Microbiology

Month		DIV	Ct.	Remark
Month	Class	DIV	Topics to be taught	Remark
	F.Y.B.Sc	В	Bacterial cytologyChemical basis of microbiologyCarbohydrates	
January 2024	T.Y.B.Sc.	A	 Adaptive/ Humoral Cytokines Immunity Introduction to properties of food and spoilage of food. 	
	F.Y.B.Sc	В	CarbohydratesLipidsProteins	
February 2024	T.Y.B.Sc.	A	 Hypersensitivity Autoimmunity and Autoimmune diseases. Microbial mediated metallic nanoparticles synthesis. Food Preservation Technique 	
	F.Y.B.Sc	В	Nucleic acidsClassification of bacteria	
March 2024	T.Y.B.Sc.	A	 Immunodeficiency Mode of action of nanoparticals Food preservation and food in relation to disease. 	
April 2024	F.Y.B.Sc	В	Classification of viruses	



Characterization technique for nanomaterials.
Application of nanoparticles
HACCP Guideline



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Science College, Sinnar, Dist. Nashik



Name of Teacher: MISS. J.R.ADSARE

CLASS AND SUBJECT:

1. F.Y.B.Sc - Microbial cultivation and growth

2. S.Y.B.Sc- Air, Water and Soil Microbiology

3. T.Y.B.Sc - a. Medical Microbiology II

b. Fermentation Technology-II

Month	Class	DIV	Topics to be taught	Remark
	F.Y.B.Sc	В	 Cultivation of Microorganisms 	
	S.Y.B.Sc.	В	Air microbiology	
January 2024	T.Y.B.Sc.	A	 Chemotherapy. Solid state and submerged state fermentations and large scale fermentation. Liquid waste management 	
	F.Y.B.Sc	В	 Cultivation of Microorganisms – methods of cultivation 	
February 2024	S.Y.B.Sc.	В	Water microbiology	
	T.Y.B.Sc.	A	 Human and Animal Viruses, Fungal and protozoal pathogens. 	
	F.Y.B.Sc	В	 Bacterial growth 	
March 2024	S.Y.B.Sc.	В	Soil microbiology	
2024	T.Y.B.Sc.	A	 Solid waste management and hazardous waste 	
	F.Y.B.Sc	В	Microscopic and turbidometric method	
	S.Y.B.Sc.	В	Biocontrol agents	
April 2024	T.Y.B.Sc.	A	 Large scale production of enzymes, steroids, biomass based products, milk products, vaccines, immunesrea, and modern trends in microbial production. 	

Signature of faculty

THUSE

Head, Dept. of Microbiology
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and Science College, Sinnar





Name of Teacher: MISS. P.B. THOMBARE

CLASS AND SUBJECT:

1. S.Y.B.Sc - Bacterial genetics

2. T. Y.B.Sc - a. Metabolism

b. Molecular biology -II

c. Waste Management

Month	Class	DIV	Topics to be taught	Remark
	S.Y.B.Sc.	В	 Understanding DNA Prokaryotic DNA replication	
January 2024	T.Y.B.Sc.	A	 Genetic recombination and bacteriophage genetics Introduction to Waste Management 	
	S.Y.B.Sc.	В	Gene expressionMutation and reversions	-
February 2024	T.Y.B.Sc.	A	 Metabolic pathway and autotrophy. a) biosynthesis and degredation b) Bacterial photosynthesis c) Chemolithotrophy Solid waste management and hazardous waste. 	
	S.Y.B.Sc.	В	Plasmid genetics	
March 2024	T.Y.B.Sc.	A	 DNA damage and repair mechanism, Recombinant DNA technology. Solid waste management and hazardous waste 	
April 2024	S.Y.B.Sc.	В	 Plasmid curing and plasmid amplification 	
	T.Y.B.Sc.	A	Application of Waste Management.	

Fuys Signature of faculty 





Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Microbiology

TEACHING PLAN (2023-2024)

TERM- I

Name of Teacher: SMT. KUTE D. M.

CLASS AND SUBJECT:

1. F.Y. B.Sc - Basic technique in microbiology

2. S.Y.B.Sc - Medical microbiology and immunology

3. T. Y.B.Sc - a. Immunology-I

b. Enzymology

c. Genetics

d. Marine Microbiology

Month	Class	DIV	Topics to be taught	Remark
	F.Y.B.Sc.	В	 Units of measuerement-Introduction to modern SI units. Microscopy 	
	S.Y.B.Sc	В	 1. Medical microbiology a) Study of pathogens • Introduction to chemotherapy 	
July 2023	T.Y.B.Sc.	Ā	 Organs of immune system Innate immunity Antigen Structure of enzymes Enzyme assays DNA Replication and gene expression Prokaryotic and Eukaryotic Transcription 	
	F.Y.B.Sc.	В	Staining technique	
August 2023	S.Y.B.Sc	В	2. Immunologya) Immunityb) Formation of blood cells	
	T.Y.B.Sc.	A	 Immunoglobulins Antigen and antibody interactions Major Histocompatibility Complex 	

			202
			 Principles and methods of enzyme purification Enzyme kinetics Regulation of transcription. Translation in Prokaryotes and Eukaryotes
	F.Y.B.Sc.	В	Sterilization and disinfection
September	S.Y.B.Sc	В	 Immunology Antigens and antibodies: definations and concept
2023	T.Y.B.Sc.	A	 Transplantation and immunity Hybridoma technology and monoclonal antibodies. Metabolic regulations
T = ÷	F.Y.B.Sc.	В	disinfection
October	S.Y.B.Sc	В	Immunohematology
2023	T.Y.B.Sc.	Α	Immobilization of enzymes.Gene transfer and mapping technique
	F.Y.B.Sc.	В	Application of Disinfectant
November 2023	S.Y.B.Sc	В	Active and Passive immunization
	T.Y.B.Sc.	A	 Marine ecology and sampling. Marine microbes role in bioremediation and bioprospecting





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Name of Teacher: MISS. J.R. ADSARE

CLASS AND SUBJECT:

1. F.Y. B. Sc - Introduction to microbial world

2. S.Y.B.Sc - Bacterial physiology and fermentation

3. T. Y.B.Sc- a. Medical Microbiology I

b. Fermentation Technology-I

c. Agricultural Microbiology

d. Dairy Microbiology

Month	Class	DIV	Topics to be taught	Remark
	F.Y.B.Sc.	В	Developement of microbiology as a discipline.	
	S.Y.B.Sc	В	Bacterial physiology Enzymes	
July 2023	T.Y.B.Sc.	A	 Introduction to infectious diseases and epidemiology 1. Upstream process of fermentation a) Strain improvement. b) Media optimization. c) Sterilization of media. Scale up and scale down. 	
	F.Y.B.Sc.	В	Golden era of microbiologyModern Era microbiology	
August 2023	S.Y.B.Sc	В	Fermentation technology Concept of fermentation technology. Strains of industrially important microorganisms	
	T.Y.B.Sc.	A	 Study of bacterial pathogens. Downstream Processing and quality assurance of fermentation product Plant Pathology Microorganisms in sustainable agriculture 	
September 2023	F.Y.B.Sc.	В	 Nobel laureates in life sciences of 21 century Types of microorganisms Beneficial and harmful effects of microorganisms 	
	S.Y.B.Sc	В	 Design of fermenter. Monitoring of different fermentation parameters. 	
	T.Y.B.Sc.	A	 Tools in plant genetic engineering. Defination, types, microflora and pathogen 	
October 2023	F.Y.B.Sc.	В	Beneficial and harmful effects of microorganisms.	
	S.Y.B.Sc	В	Types of fermentation.	

			Processing technique and naturally	OW9 + 303
	T.Y.B.Sc.	A	occurring preservatives • Spoilage of milk.	
	F.Y.B.Sc.	В	Application of Disinfectant	
November 2023	S.Y.B.Sc	В	Media for indusrial fermentation.Contamination	
	T.Y.B.Sc.	A	 Microbiological aspects of quality control and quality assurance in production of milk and milk products 	

Signature of faculty

Mate

Head, Dept. of Microbiology

DEPARTMENT OF MICROBIOLOGY G.M.D. Arts, B.W. Commerce, and Science College, Sinnar Principal PRINCIPAL

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of B.VOC Food Processing and Preservation

TEACHING PLAN (2023-2024) TERM- I

Name of Teacher: Smt. Pranali A. Aher

CLASS AND SUBJECT:

FY BVOC FPP-

FPP-111- Food Biochemistry

FPP-112- Food Microbiology

FPP-113- Processing Technology of Fruits & Vegetables

TY BVOC FPP -

FPP-311- Food Safety, Hygiene & Sanitation

FPP- 312- Waste & By-products Utilization FPP-313- Novel Food Processing Technologies

Month	Class	Topics to be taught	Remark
January 2024	FY BVOC FPP	Unit-I ✓ Nature scope and development of food Biochemistry, role of food chemist. Moisture in foods. i. Role and type of water in foods. ✓ Functional properties of water, role of water in food spoilage and food safety. iii. Water activity and sorption isotherm. Carbohydrates • ✓ Classification and nomenclature of carbohydrates • Functional characteristics of different carbohydrates (sugar- water relationship, sweetness). • Structure and function of carbohydrates: monosaccharide, oligosaccharide and polysaccharide ✓ Browning Reactions. Enzymatic and non-enzymatic browning reaction, Millard reaction, caramelization, method to control non enzymatic reaction.	
	TY BVOC FPP	Contamination ✓ Introduction of sources of contamination, Concept of food Safety and Management. Classification of food according to ease with which it	

			91.50
		Food Born Diseases ✓ Mode of transmission of disease &food born illness,Bacterial & Viral food intoxications, Naturally occurring intoxications, Food allergies, control of food born illness Personal Hygiene & safety ✓ Necessity for personal hygiene, health of staff, Personal appearance, sanitary practices habits protective clothing Importance of rest and e xercise, Safety at the work place Sanitary procedures: ✓ Importance of sanitary procedures in Food processing, Special Food Operations Introduction, mobile food units, vending machines, street side foods and diseases, cleaning procedures – Cleaning & sanitizing, their importance	
February 2024	FY BVOC FPP	Protein in Food ✓ Role of proteins in foods. ii. Classification and structure of amino acids, essential amino acids, classification and structural organization of proteins ✓ Physicochemical properties- ionic properties, protein denaturation, gelation and hydrolysis. ✓ Indicator organisms, microbiological quality assurance systems in food industry, GMP, use of HACCP to ensure microbiological safety of food, food regulations and standards Lipids in food ✓ Role and use of lipids /fat, occurrence, fat group classification. • Physicochemical aspects of fatty acids in natural foods, hydrolysis, reversion, polymorphism and its application. • Chemical aspects of lipolysis, auto oxidation, antioxidants	
	TY BVOC FPP	Pest control Importance ✓ Classification of pest, effect of pesticides on pest & their methods of application, precaution to be taken while handling pesticides. Food industry By-products and Waste: ✓ Introduction, status in India, definition, origin and type of waste	

		and by-products utilization impact	N. S.
		and by-products, utilization, impact on environment. ✓ Introduction to Food Waste treatments, basic unit operations, techniques & equipment for treatment, primary treatments Food Wastes and By-products ✓ Related to Specific Processing Industries like fruit and vegetables (apple, orange, mango, potato etc.), dairy industry, oil and oil seeds industry, sugar industry, grains and milling industry, fermentation (alcohol and beer), livestock and poultry, fish, meat.	
		Vitamin ✓ Definition of vitamin, type of vitamin, • Wester solvable (Vit P. 1, P. 2, P. 2, C)	
	FY BVOC FPP	 Water soluble (Vit B-1, B-2, B-3, C) and Fat soluble (Vit A, D, E, K)- their structure and functions. Enzyme ✓ General properties of enzymes, enzyme action, classification and nomenclature of enzymes, coenzymes enzyme inhibition, isozymes. • Carbohydrases (Amylases, cellulases, pectinases, vertases) Proteases, Lipases and oxidases in food processing. 	
March 2024		Nucleotides and Nucleic acids ✓ Building blocks- bases, sugars and phosphates, structure and nomenclature of nucleosides and nucleotides, polynucleotides - DNA (A, B, Z, DNA) and RNA (rRNA, mRNA, tRNA.	-
	T.Y.B.VOC FPP	Brief Case Studies involving ✓ (i) utilization of whey from dairy industry, (ii) Utilization of specific plant by-products for recovery of proteins, pectins, dietary fibres, antioxidants, colorants etc. (iii) Utilization of biomass for production of animal feed, compost and bio-gas. Waste handling and treatment ✓ Farm wastes, Incineration of solid	
		food waste and its disposal. Future Trends, introduction to legal and statutory requirements for food waste.	

			SI SI
		Principles of high-pressure processing ✓ (HPP), use of high pressure to improve food safety and stability ✓ Pulsed electric fields processing Historical background, PEF treatment systems, main processing parameters. PEF for processing of liquid foods and beverages, PEF Processing for solid foods	arcaro.
April ` 2024	FY B.VOC FPP	Unit-I ✓ Introduction- definition, history of microbiology of food. Types of microorganisms normally associated with food- bacteria, yeast and moulds. • Spoilage of food; factors affecting spoilage of foods and associated micro flora Factors affecting growth and survival of microorganisms: ✓ Extrinsic factors- relative humidity, gaseous atmosphere. • Intrinsic factors- nutrient content, water activity, oxidation reduction potential Deterioration and spoilage of various types of food products- ✓ Fruits, vegetables, cereal and cereal products, meat and meat products, fish and other sea foods • Prevention of spoilage of these foods	
	TY BVOC FPP	Food Safety aspects, ✓ Mechanisms of microbial and enzyme inactivation by HPP and PEF, Food safety aspects of pulsed electric fields, and high pressure processing. ✓ Osmotic dehydration, Mechanism of osmotic dehydration ✓ Athermal membrane concentration, Athermal membrane concentration of liquid foods and colours ✓ Radio frequency electric fields Processing by radio frequency electric fields s equipment's, RFEF nonthermal inactivation of yeasts, bacteria and spores, electrical costs, Ultrasound processing,	

Signature of faculty

SMt. P.A. Ahn

Head, Dept. of B. Voc FPP

Department of Vocation as cod Processing & Preservation 3 M.D. Arts B.W. Commerce and Science College Science

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of B.VOC Food Processing and Preservation

TEACHING PLAN (2023-2024) TERM- I

Name of Teacher: Ms. Pranali A. Aher

CLASS AND SUBJECT:

FY BVOC FPP- FPP-101- General Biochemistry and Microbiology

FPP-102- Fundamentals of Food and Nutrition

FPP- 103- Principles of food preservation

TY BVOC FPP - FPP-301- Food Regulation & Quality Control FPP-302- Food Packaging Technology FPP-303- Spices Flavour Technology

Month	Class	Topics to be taught	Remark
July 2023	FY BVOC FPP	Carbohydrates ✓ Definition and classification. Properties –optical and chemical. Structure of glucose: ring structure, ✓ Derived monosaccharides, Disaccharides, glycoside linkage, lactose, maltose, sucrose, Oligosaccharides, Polysaccharides. Lipids ✓ Classification simple compounds. Chemistry of fatty acids, unsaturated and saturated fatty acids, triglycerides, Functions of lipid.	
	TY BVOC FPP	Food regulation and quality control ✓ Food safety issues; Physical and Chemical Contaminants, Microbiology Food Safety, Control of Food Safety and Quality Management Physical and Chemical Contaminants ✓ Metals, mineral (soil, engine oil, stones), plant (leaves, twigs, pods and skins), animal (hair, bone, excreta, blood, insects, larvae)	
August 2023	FY BVOC FPP	Proteins ✓ Classification based on properties of solubility & heat. coagulability. Fibrous, globular proteins and functions, ii. Protein structures:	

			SIMP B SIMP	
		Properties of amino acids v. Peptide bonds Enzymes Nucleic acids. ✓ Definition and history of microbiology, Microscope: Sterilization: Staining techniques: Microbial Taxonomy ✓ Sterilization ✓ Staining techniques: Principle and types of staining ✓ Microbial Taxonomy: Concept of microbial species and strains.		
prosec	TY BVOC FPP	Introduction & Impact on the environment ✓ Packaging Functions and Requirements • Printing of packages • Barcodes & other marking • Labelling Laws ✓ Glass bottles Metal packaging, Metals and internal coatings. Types and closure systems • Raw-materials and composition • Properties and uses.		
September 2023	FY BVOC FPP	 ✓ Basic concept of Food: Nutrient, Nutrition, Classification of Food, Classification of Nutrients. Food constituents - Definition, occurrence, properties and metabolism of Protein, Carbohydrate and Lipids. ✓ Enzymes - Definition, classification, enzyme kinetics. Browning reactions in foods: Non enzymic browning: Maillard reaction, browning of ascorbic acid, caramelization of sugars. ii. Enzymic browning: Definition, mechanism, control measures. 		
	T.Y.B.VOC FPP	✓ Biochemical changes in foods of plant and animal origin: fruits, vegetables, cereals, pulses, oilseeds, meat, poultry, seafood, dairy and their products)		
	FY B.VOC FPP	 ✓ Introduction, sources of food, scope and benefit of industrial food preservation, perishable, nonperishable food, causes of food spoilage. Preservation by salt and sugar – Principle, method, equipment and effect on food quality ✓ Thermal processing methods of preservation – Principle and 		

			SIN
October `		equipment's: Canning, blanching, pasteurization, sterilization, evaporation, etc Food preservation by use of low temperature ✓ Preservation by drying dehydration and concentration	Widows.
	TY BVOC FPP	 ✓ Plastic packaging • Polymer properties and plastics • Types and production of packages • Properties and uses ✓ Packaging and Preservation technologies • Frozen and dried • Thermal processing and aseptic filling • Modified atmosphere packaging ✓ Food contact materials & Shelf-life • Chemical hazards • Overall and specific migration • Legislation and guidelines 	
November 2023	FY BVOC FPP	 ✓ Preservation by radiation, chemicals and preservatives: ✓ Preservation of foods by chemicals: antioxidants, mold inhibitors, antibodies, acidulants etc. Preservation by fermentation- Definition, advantages, disadvantages, types, equipment 	
	TY BVOC FPP	 ✓ Production and processing scenario of spice and its scope, Production and processing scenario of flavour ✓ Major Spices Post-Harvest Technology, Composition, Processed products of spices: Ginger, Chill, Turmeric, garlic, Pepper and Cardamom. ✓ Minor spices Minor spices. ✓ Extraction of flavours from various sources ✓ Flavours in industries Formulations of flavours. Flavours of soft drinks 	

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Signature of faculty

Head, Dept. of B. Voc FPP

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Department of Vocation as
ood Processing & Preservation
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and Science Collège Sirnar

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik Department of LPM

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: Smt Sapana Shantaram Bhamare

CLASS AND SUBJECT:

1. F.Y. B. VoC: LPM-111: Livestock production and management-II

LPM-112: Avian production management

LPM-113: Applied nutrition

2.T.Y.B. Voc - LPM-311: Livestock economics and marketing

LPM-312. Veterinary Clinical Medicine-II

LPM - 313: Commercial poultry production and hatchery management-II

Month	Class		Topics to be taught	Remark
Month January 2024	Class F.Y. B. VoC	Unit-I	 Topics to be taught Introduction and scope of swine farming in the country. Demography of swine population. Breeds and their role in economy. 	Remark
			 Management of different categories of swine for optimal production: breeding and pregnant sows; sows at farrowing and after farrowing: 	

February 2024	F.Y. B. VoC	pig-Ms, growing stock, lactating sows, feed lot stock. Mating technique in swine. Housing of swine. Swine feeds and feeding. Economics of pig fanning. Unit-II Equine population of India. Horses, donkeys and mules and their utility. Identification of breeds of horses. Dentition and ageing of horses Handing, restraining, care and routine management of equines including grooming, saddling and exercise. Stable and Its management Feeding routine for horse, donkeys and mules. Vices of horses. Care of stallion. Mating	
		of Horses broodmare and its care. Foaling and care of newborn. Breeding mules. Care of race horses and preparing horses for show. Visit to races, polo, horse show	
March 2024	F.Y. B. VoC	 Unit-III Importance of laboratory animal breeding care and housing standards of mice, rats and guinea pigs. General considerations on feeding and breeding of laboratory animals. 	

Prophylactic measures for commonly occurring laboratory animal diseases. Concept of production of specific pathogen tree (SPF) and germ free laboratory animals. Unit-IV Scope of rabbit farming in the country, breeds and their distributions In India and abroad. Limitation of rabbit animal production. Selection, care, and management of breeding stock for commercial purpose. Identification. Care and management of landing animals and kindling. Care of new born, growing stock. Harvesting of products. Breeding and selection techniques for optimal production. Feeds and feeding for rabbit Shearing/slaughtering and preservation of products. Diseases and parasite control, hygienic care. Disposal, utilization and recycling of wastes etc. Economic aspects of rabbit production, accounting their expenditure, income, etc.					
Unit-IV Scope of rabbit farming in the country, breeds and their distributions In India and abroad. Limitation of rabbit animal production. Selection, care, and management of breeding stock for commercial purpose. Identification. Care and management of landing animals and kindling. Care of new born, growing stock. Harvesting of products. Breeding and selection techniques for optimal production. Feeds and feeding for rabbit production- Housing of rabbit Shearing/slaughtering and preservation of products. Diseases and parasite control, hygienic care. Disposal, utilization and recycling of wastes etc. Economic aspects of rabbit production, accounting their	-			commonly occurring laboratory animal diseases. • Concept of production of specific pathogen tree (SPF) and	
	April 2024	F.Y. B. VoC	Unit-IV	country, breeds and their distributions In India and abroad. Limitation of rabbit animal production. Selection, care, and management of breeding stock for commercial purpose. Identification. Care and management of landing animals and kindling. Care of new born, growing stock. Harvesting of products. Breeding and selection techniques for optimal production. Feeds and feeding for rabbit production- Housing of rabbit Shearing/slaughtering and preservation of products. Diseases and parasite control, hygienic care. Disposal, utilization and recycling of wastes etc. Economic aspects of rabbit production, accounting their	

		Manpower- requirements and personnel/labour management Preparing projects for micro (backyard) mini, and major rabbit farms.	
January 2024		 Unit-I Economics: Introduction, definition and scope (production, consumption, exchange and distribution) of economic principles as applied to livestock. Common terms - wants, goods, wealth, utility, price, value, real and money income. Important features of land, 	
	T.Y.B. VoC	labour, capital and organization. Unit-II	
		 Livestock produce and products. Livestock contributions to national economy. Demand projections of livestock produce. Theory of consumer behaviour law of diminishing marginal utility and indifference curve analysis. Theory of demand; meaning, types of demand, demand curve and law of demand, individual and market demand, elasticities of demand and factors affecting demand. Laws and types of supply. Elasticity of supply 	
	F.Y.B.Sc.	 3. Magnetization Introduction to Magnetization Magnetic materials Types of Magnetic Materials, Diamagnetic materials, Paramgnetic materials, Ferromagnetic materials 	

		 Antiferromagnetic materials Bohr magnetron Problems 4. Magnetostatics Introduction to magnetization Magnetic Induction and Intensity of magnetization Biot-Savart's law: Statement, Long straight conductor, Circular Coil Ampere's circuital law: Statement, Field of Solenoid, Field of Toroid Gauss law for magnetism Problems 	
	M.Sc. I	4. Resonance spectroscopy • (a)ESR- Principles of ESR, ESR spectrometer, total Hamiltonian, hyperfine structure • (b)NMR-Magnetic properties of nucleus, resonance condition, NMR instrumentation, relaxation process, chemical shift, applications of NMR	
March 2024	T.Y.B.Sc.	 6. Application of Lasers Industrial: welding, cutting, drilling Nuclear Science: laser isotope separation, laser fusion Medical: eye surgery 	
	F.Y.B.Sc.	 5. Magnetic Properties of Materials Definition, Magnetization (M), Magnetic Intensity (H), Magnetic Induction (B), Magnetic Susceptibility, Magnetic Permeability Relation between B, M and H 5 Hysteresis and Hysteresis Curve Ferrite materials and its Applications Problems 	
April 2024	M.Sc. I	4. Resonance spectroscopy • (a)ESR- Principles of ESR, ESR spectrometer, total Hamiltonian, hyperfine structure • (b)NMR-Magnetic properties of nucleus, resonance condition, NMR	

	instrumentation, relaxation process, chemical shift, applications of NMR	
T.Y.B.Sc.	 6. Application of Lasers Industrial: welding, cutting, drilling Nuclear Science: laser isotope separation, laser fusion Medical: eye surgery 	
F.Y.B.Sc.	 5. Magnetic Properties of Materials Definition, Magnetization (M), Magnetic Intensity (H), Magnetic Induction (B), Magnetic Susceptibility, Magnetic Permeability Relation between B, M and H 5 Hysteresis and Hysteresis Curve Ferrite materials and its Applications Problems 	

Head, Dept. LPM
Head
Department of Vocational
Livestock Production & Management
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and Science College Sinna

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Maratha Vidya Prasarak Samaj's G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of LPM

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: Smt Sapana Shantaram Bhamare

CLASS AND SUBJECT:

1. F.Y. B. VoC: LPM-101: Livestock Production Management-I

LPM-102: Animal Nutrition and Feed Technology

LPM-103: Fodder Production and Grassland Management

2.T.Y.B. voc - LPM-301: Epidemiology and Zoonoses

LPM-302. Pet Animal Breeding and Management

LPM - 303: Veterinary Clinical Medicine-I

Month	Class	Topics to be taught	Remark
July 2023	F.Y. B. VoC.	 Unit I Livestock in India- association of livestock to Indian society during vedic, medieval and modern era. Demographic distribution of livestock and role in economy. Introductory animal husbandry. Common animal husbandry terms. Body conformation and identification. Dentition and ageing of animals Unit II Transport of livestock by rail, road, air and on foot. Common farm management practices including 	

	,		
		 Unit II Epidemiological methods: descriptive, analytical(observational), experimental, theoretical (modeling), serological and molecular. 	
Aug 2023	T.Y.B. VoC.	 Unit III Survey of animal diseases. Surveillance and monitoring of livestock diseases. Animal disease forecasting. Strategies of disease management: prevention, control and eradication. Economics of animal diseases. National and International regulations on livestock diseases. Role of OIE and laws on international trade on animals and animal products. 	
September 2023	T.Y.B. VoC.	 Unit IV Definition, history and socioeconomic impact of zoonotic diseases. Classification of zoonoses and approaches to their management. New, emerging, re-emerging and occupational zoonoses. Role of domestic, wild, pet and laboratory animals and birds in transmission of zoonoses. 	đ

September 2023	F.Y. B. VoC	 Unit IV Demography of sheep and goat population and their rote in economy. Breeds and breed descriptors. Important bans for meat milk and fiber. General management and feeding-practices during different stages of growth, development and production (milk, meat and wool) in small and large holdings. Breeding schedule and management of ram and buck. Weaning and fattening of lambs and kids. Glossaries of terms in wool industry. Shearing of sheep. Physical and chemical properties of wool. Impurities in wool Factors influencing the quality of wool grading. Recovery of wool wax and its use. Housing systems, layout and design of different buildings for small ruminants judging for the quality and confirmation of body parts of cattle, buffalo, sheep and goat culling of animals. Preparation of animals for show. 	
-		 Problems and prospects of dairy, meat and wool industry in India. Animal and animal products market and marketing. Animal Fairs and Meals. Animal pounds and Goshalas. 	
July 2023	T.Y.B. VoC.	 Unit I Definitions and aims of epidemiology. Factors influencing occurrence of livestock diseases and production. Ecological basis and natural history of diseases. Sources, Storage, retrieval and representation of disease information/data. Epidemiological hypothesis 	

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		disinfection, isolation, quarantine and disposal of carcass. Introduction to methods of drug administration. Common vices of animals, their prevention and care. Livestock production systems of different agro-climatic zones. Livestock resources and resources management Livestock produce and products and their availability and their role in rural/urban hearth/economy. Organic livestock production Unit III General principles affecting the design and construction of building for housing for various livestock species. Selection of site. Arrangements of the building with special reference to Indian conditions. Utilization of local materials. Building materials used for construction of wall, roof	
		 used for construction of wall, roof and floor of animal houses, their characteristics, merits and demerits. Demography of cattle and buffalo population. Breeds and breed descriptors of important breeds. Important traits of cattle and buffaloes. 	
August 2023 F	Y. B. VoC	 General management and feeding practices of calves, heifers, pregnant, lactating and dry animals in bulls and working animals. Draught ability of cattle and buffaloes. Raising of buffalo mates for meat production. Housing systems, layout and design of different biddings for dairy animals inducing backyard dairy and mixed farms. Routine dairy farm operations and labor management Methods of milking and precautions. Factors affecting quality and quantity of milk production. Clean max production. Dairy farm accounts and records. Concepts of input and output cost of dairy farming (small and large holdings). 	

		The state of the s
November 2023	T.Y.B. VoC.	• Zoonotic pathogens as agents of bioterrorism. Reservoirs, clinical manifestations in animals and humans, and the management of the following zoonoses: rabies, Japanese encephalitis, Kyasanur forest disease, influenza, anthrax, brucellosis, tuberculosis, leptospirosis, listeriosis,
		plague, rickettsiosis, chlamydiosis and dermatophytosis. • Food borne zoonoses: salmonellosis, staphylococcosis, clostridial food poisoning, • campylobacteriosis, helmintrrosis toxoplasmosis and sarcocystosis.
	61-1	

Head, Dept. of LPM

Head

Department of Vocational

Ivestock Production & Management
G.M.D. Arts B.W. Commercee

and Science College Sinna

TEACHING PLAN (2023-2024)

TERM- I

Name of Teacher: Prof. Kardak S. B.

CLASS AND SUBJECT:

- 1. SYBCOM-Business Management (234)
- 2. SYBCOM- Business Management (234)
- 3. SYBCOM- Business Administration(246A)
- 4. FYBCOM- Theory and Practice of Co-operation- II(115E)
- 5. TYBCOM-Business Administration-III(366A)
- 6. MCOM-I- RESEARCH METHODOLOGY FOR BUSINESS(302)

Month	Class	DIV	Topics to be taught	Remark
100	SYBCOM	A	Management	
	STBCOM .	В	Management	
September	SYBCOM	A	Introduction to Business Administration	
2023	FYBCOM	A	• BEE	
	TYBCOM	A	Production Management Functions	
	MCOM-II	A	Production and operation management	
	SYBCOM	A	Understanding Management: Planning and Decision Making Soft Skills	
October	5 -	В	Understanding Management : Planning and Decision Making Soft Skills	
2023	SYBCOM	A	Types of Business Organisations	
	FYBCOM	A	Concept of Entrepreneurship	
	TYBCOM	A	Plant Location and Plant Layout	
	MCOM-II	Α .	Formulation of the Research Problem, Development of the Research Hypotheses, Research Design&	

			Sampling
	SYBCOM	A	Management at Work : The process of organizing and staffing
	SIBCOM	В	Management at Work : The process of organizing and staffing
s	SYBCOM	A	Business Environment
November 2023	FYBCOM	A	Development of Cooperative Movement in India in post Independent Era
	TYBCOM	A	Inventory management & Quality Management
	MCOM-II	A	Introduction to production Management
		A	Result orientation :Direction an d Team Work
	SYBCOM	В	Result orientation :Direction an d Team Work
	SYBCOM	A	Business Promotion and development
December 2023	FYBCOM	A	Government and Cooperative Movement
	TYBCOM	A	Supply Chain Management and Logistics management
	MCOM-II	A	Supply Chain Management

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TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: Prof. Kardak S. B.

CLASS AND SUBJECT:

- 1. SYBCOM-Business Management (244)
- 2. SYBCOM- Business Management (244)
- 3. SYBCOM- Business Administration(246A)
- 4. TYBCOM-Business Administration-III (366A)
- 5. Theory and Practice of Co-operation- II(125E)

Month	Class	DIV	Topics to be taught	Remark
		A	1.Improving peoples' performance: Motivating the staff	
	SYBCOM	В	1.Improving peoples' performance: Motivating the staff	
January 2024	SYBCOM	A	Legal Aspects (Recent Trends)	
2024	FYBCOM	A	Entrepreneurship	
	TYBCOM	A	Production Management Functions	
	SYBCOM	A	organizing from front Leadership Skills	
		В	 organizing from front Leadership Skills 	
	SYBCOM	A	Productivity	
February 2024	FYBCOM	A	Entrepreneurship	
2024	ТҮВСОМ	A	. Plant Location and Plant Layout	
I.	SYBCOM	A	Achieving success at work : Coordination and Control	
			 Achieving success at work : Coordination and Control 	
	SYBCOM	A	Business Liaoning	
	FYBCOM	A	Entrepreneurship	
March	TYBCOM	A	.Inventory management & Quality Management	

2024				
	SYBCOM	A	Emerging trends in Business management	
-		В	Emerging trends in Business management	
April 2024	SYBCOM	A	Business Alliances (growth strategies)	
	FYBCOM	A	Co-operative Education and Training:	
	ТҮВСОМ	A	Supply Chain Management and Logistics management	

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TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: DR. GANESH RAOSAHEB PATIL

CLASS AND SUBJECT:

1. FYBCOM - Business Mathematics and Statistics I (114A)

2. TYBCOM - Auditing and Taxation (354)

3. MCOM - Research Methodology for Business (302)

Month	Class	DIV	Topics to be taught	Remark
		A	Interest and Annuity	
	FYBCOM	В	Interest and Annuity	
		С	Interest and Annuity	
September	TYBCOM	A	Introduction to Principles of Auditing and Audit Process	
2023		В	Introduction to Principles of Auditing and Audit Process	
	MCOM	A	Introduction to Business Research	
		A	Shares and Mutual FundsPopulation and Sample	7
	FYBCOM	В	Shares and Mutual FundsPopulation and Sample	
		С	Shares and Mutual FundsPopulation and Sample	
October	TYBCOM	A	Checking, Vouching and Audit Report	
2023		В	Checking, Vouching and Audit Report	
	MCOM	A	 Formulation of the Research Problem, Development of the Research Hypotheses, Research Design& Sampling 	
	FYBCOM	A	Measures of Central Tendency	
November	1 1 DCOIVI	В	Measures of Central Tendency	

2023		С	Measures of Central Tendency
	TYBCOM	A	Company Audit and Tax Audit
		В	Company Audit and Tax Audit
	МСОМ	A	Data Collection, Measurement & Scaling, Processing of Data: Sources of Data Collection
		A	Measures of Dispersion
	FYBCOM	В	Measures of Dispersion
		С	Measures of Dispersion
December	TYBCOM	A	Audit of Computerized Systems& Forensic Audit
2023		В	Audit of Computerized Systems& Forensic Audit
	MCOM	A	Research Report and Mode of Citation & Bibliography

(DR. G. R. PATIL)

Head, Dept. of Commerce DEPARTMENT OF COMMERCE G.M.D. Arts. B W. Commerce And Science College, Sinnar Principal G.M.D. Arts, B.W. Commerce and Science Cellege, Sinner, Dist. Nashik

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: DR. GANESH RAOSAHEB PATIL

CLASS AND SUBJECT:

1. FYBCOM - Business Mathematics and Statistics II (124A)

2. TYBCOM - Auditing and Taxation (364)

Month	Class	DIV	Topics to be taught	Remark
		A	 Matrices and Determinants (up to order 3 only) 	
	FYBCOM	В	 Matrices and Determinants (up to order 3 only) 	
January		С	 Matrices and Determinants (up to order 3 only) 	
2024	TYBCOM	A	 Income Tax Act1961- Important Definitions and Concepts 	
		В	 Income Tax Act1961- Important Definitions and Concepts 	
		A	• Linear Programming Problems (LPP) (for two variables only)	2 9
	FYBCOM	В	 Linear Programming Problems (LPP) (for two variables only) 	
		С	 Linear Programming Problems (LPP) (for two variables only) 	
February 2024	TYBCOM	A	 Sources and Computation of Taxable Income under the various Heads of Income 	
		В	Sources and Computation of Taxable Income under the various Heads of Income	
		A	Correlation and Regression	
	FYBCOM	В	Correlation and Regression	
		С	 Correlation and Regression 	
March 2024	TYBCOM	A	 Computation of Total Taxable Income (TTI)and tax liability 	
		В	Computation of Total Taxable Income (TTI)and tax liability	1

	-	A	Index numbers	
	FYBCOM	В	Index numbers	
April		C .	Index numbers	
2024 TYBCOM	A	E-Filing and E-provisions		
		В	E-Filing and E-provisions	

Signature of faculty
(DR. G.R PATEL)

Head, Dept of Commerce G.M.D. Arts, B W. Commerce And Science College, Sinnar G.M.D. Arts, B.W. Commerce and Science College, Singer, Dist. Nashik

TEACHING PLAN (2023-2024) TERM- I

Name of Teacher: Smt.K.S.Shete

CLASS AND SUBJECT:

1. SYBCOM-Business Communication (231)

2. SYBCOM-Business Entrepreneurship-I (236G)

3. SYBCOM-Environmental Awareness (239)

4. TYBCOM-Marketing Management-II (355H)

5. TYBCOM-Marketing Management-III (356H)

6. MCOM-II-Specialised Auditing (Paper VI) (304)

Month	Class	DIV	Topics to be taught	Remark
		Α .	 Introduction of Business Communication 	4
	SYBCOM	В	Introduction of Business Communication	0
	SYBCOM	В	Entrepreneur and Entrepreneurship	
July 2023	SYBCOM	Α .	 Introduction to Environmental Studies 	
	ТҮВСОМ	A	 Market Demand and Sales Forecasting 	
	TYBCOM	A	Introduction to Advertising	
	MCOM-II	A	Audit under Tax Laws	
	SYBCOM	A	Business Letters	
	STECOM	В	Business Letters	
	SYBCOM	В	New Age Entrepreneur	5 <u>7</u>
	SYBCOM	A	• Ecosystem	
August	TYBCOM	A	Marketing of Non-Profit Organisation	
2023	TYBCOM	A	Appeals & Approaches in Advertisement	
	MCOM-II	A	Internal Audit	1 X ₂

	SYBCOM	A	Soft Skills
	SIBCOM	В	Soft Skills
	SYBCOM	В	Creativity and Innovation
September 2023	SYBCOM	A	Natural Resources
2023	TYBCOM	A	Changing Role of Marketing Organizations
	ТҮВСОМ	A	Economic, Social & Regulatory Aspects of Advertising
	MCOM-II	A	Audit of Banks
	7	A	Resume Writing & Job Application
	SYBCOM	В	Resume Writing & Job Application
October	SYBCOM	В	Business Ethics and Social Responsibility of Business
2023	SYBCOM	A	Biodiversity and Its Conservation
	TYBCOM	A	Brand Building Strategy
	TYBCOM	A	Brands and Brands Management
	MCOM-II	A	Audit of Co-operative Societies

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TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: Smt.K.S.Shete

CLASS AND SUBJECT:

- 1. SYBCOM-Business Communication (241)
- 2. SYBCOM- Business Entrepreneurship (246G)
- 3. SYBCOM-Environmental Awareness (249)
- 4. TYBCOM-Marketing Management-II (365H)
- 5. TYBCOM-Marketing Management-III (366H)
- 6. MCOM-I- Recent Advances in Accounting, Taxation & Auditing (403) (Spl.Paper VII)

Month	Class	DIV	Topics to be taught	Remark
	SYBCOM	A	Report Writing and Internal Correspondence	
	STBCOM	В	Report Writing and Internal Correspondence	
_	SYBCOM	В	Group Entrepreneurship	
January 2024	SYBCOM	A	Environmental Pollution	
	TYBCOM	A	Agricultural Marketing	
	TYBCOM	A	Service Marketing	
	MCOM-II	A	Technology Based Accounting	
	SVDCOM	A	Recent Trends in Business Communication	
February 2024	SYBCOM	В	Recent Trends in Business Communication	
	SYBCOM	В	Various Entrepreneurial Opportunities	
	SYBCOM	A	Environmental Policies & Practices	
	ТҮВСОМ	A	Marketing Regulations	

	TYBCOM	A	Creative Advertisement
	MCOM-II	A	Tax Reforms in India
	SYBCOM	A	Types & Drafting of Business Letters
	SIBCOM	В	Types & Drafting of Business Letters
March	SYBCOM	В	Study of Entrepreneurs or Entreprises
2024	SYBCOM	A	Human Communities & the Environment
	TYBCOM	A	Global Marketing
	TYBCOM	A	Introduction to Social Media Marketing
	MCOM-II	A	Advanced Accounting for Corporates
	SYBCOM	A	Writing Formal Mails & Blog Writing
	STBCOM	В	Writing Formal Mails & Blog Writing
April	SYBCOM	В	Challenges in Entrepreneurship Developments
2024	SYBCOM	A	Field Visit
	TYBCOM	A	Cyber Security Marketing
	ТҮВСОМ	A	Marketing Control & Audit
	MCOM-II	A	Emerging Trends in Accounting

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TEACHING PLAN (2023-2024)

TERM-I

G.M.D. Arts, B.W. Commerce and Science College Sinner. Dist.- Nashik Department of Commerce

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR.A.B.BODKE

CLASS AND SUBJECT:

1. TYBCOM - Business Regulatory Framework (361)

2. TYBCOM - Auditing and Taxation (364)

3.Mcom-I Advanced Accounting

4.Mcom-II Audit Assurance Standard

5.Mcom-II Organizational Behaviour

Month	Class	DIV	Topics to be taught	Remark
	Ti .	A	The Indian Contract Act 1932	
112	TYBCOM	В	The Indian Contract Act 1932	
G41		В	 Income Tax Act1961- Important Definitions and Concepts 	
September	MCOM-I	-	 Accounting Principal and Reporting 	
2023	MCOM-II	-	 Audit Risk Assessment and Digital Auditing Assurance 	
	MCOM-II	-	 Introduction to Organizational Behaviour 	
	TYBCOM	A	The Indian Partnerships Act 1972.	
5		В	The Indian Partnerships Act 1972.	
0.41		В	 Sources and Computation of Taxable Income under the various Heads of Income 	
Octobers	MCOM-I	-	Accounting for Price Level Changes	
2023	MCOM-II MCOM-II	-	Ethics and Terms of Audit Engagement	
	MCOM-II	-	 Organizational Designs, Culture Personality and Attitude 	
		C	Correlation and Regression	

		A	The Sales Of Goods Act,1930	
	TYBCOM	В	The Sales Of Goods Act,1930	
November		В	Computation of Total Taxable Income (TTI)and tax liability	
2023	MCOM-I	-	Holding Companies	
	MCOM-II	-	Audit Evidence	
	MCOM-II	-	Motivational Processes and Emotional Intelligence	
_	TYBCOM	A	Arbitration and Conciliation	
		В	Arbitration and Conciliation	
December		В	E-Filing and E-provisions	
2023	MCOM-I		Branch Accounting	
	MCOM-II	-	Reporting and CARO, 2020	
	MCOM-II	•	Stress and Conflict Groups And Teams	

Head, Dept. of Commerce

TEACHING PLAN (2023-2024)

TERM- II

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Commerce

TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: MR.A.B.BODKE

CLASS AND SUBJECT:

1. TYBCOM - Business Regulatory Framework (361)

2. TYBCOM - Auditing and Taxation (364)

3.MCOM- II Specialized Areas in Accounting (SA555MJ)

4.Mcom -IV Recent Advances in Taxation And Taxation

Month	Class	DIV	Topics to be taught	Remark
		A	Negotiable Instruments Act,1881	
	TYBCOM	В	Negotiable Instruments Act,1881	
January		В	 Income Tax Act1961- Important Definitions and Concepts 	
2024	MCOM-I		 Insurance Companies Accounts: 	
	MCOM-II		Technology based Accounting	
	TYBCOM	A	 E-Contracts E-Transactions/ E- Commerce. 	
		В	 E-Contracts –E-Transactions/ E- Commerce 	
FEB 2024		В	 Sources and Computation of Taxable Income under the various Heads of Income 	
	MCOM-I		Hotel Companies Accounts	
	MCOM-II		Tax Reforms in India	
		A	The Consumer Protection Act,2019	
March 2024	ТҮВСОМ	В	The Consumer Protection Act,2019	
	-	В	Computation of Total Taxable Income (TTI)and tax liability	
	MCOM-I		Contract Accounts	

	MCOM-II		Advanced Accounting for Corporates	
April 2024		A	Intellectual Property Rights	
	TYBCOM	В	Intellectual Property Rights	
		В	E-Filing and E-provisions	
	MCOM-I		Recent Developments in Accounting	
	MCOM-II		Emerging Trends in Accounting	

For Period Signature of faculty

Head, Dept. of Commerce

Prमिट्नीर्ट्या जी.एम.डी.आटस्, बी.डब्स्यु.कॉम्ब्र अंक स्रायन्स कॉलेज, सिन्नर्, जि.नाशिक.

G.M.D. Arts, B.W Commerce & Science College Sinnar. Dist - Nashik Department of Commerce TEACHING PLAN 2023-2024 TERM- I

Name of the Teacher- SMT. Gaikwad S.R Class & Subject-

- 1. FYB Com (Sem -I) Organizational Skill Development (115A)
- 2. FYB Com (Sem -I) Theory & Practices Of Co-operation (115E)
- 3. SYB Com (Sem- III) Marketing Management-I (26H)
- 4. TYB Com (Sem V) Business Entrepreneurship (355G)
- 5. M.Com .II (Sem -III) Human Resource Management

Month	Class	Div	Topics To be taught	Remark
	FYB Com	A	Modern Office	
	FYB Com	С	Intro. Co- operation	
July	SYB Com	A	Marketing management	
2024	TYB Com	В	MSME Policy 2020	
1	M.Com-II	В	Intro. Of Human Resource Management	
	FYB Com	A	Office Environment	
	FYB Com	С	Co-operative Management	
October	SYB Com	A	Marketing Strategy	
2024	TYB Com	В	MSME Industries Establishment	
	M.Com-II	В	Selection policy & selection procedure	

			· · · · · · · · · · · · · · · · · · ·
	FYB Com	A	Office Record Management
Nov.	Nov. FYB Com C		Impact of Liberalisation, Privatisation and Globalisation on Co-operative Movement
2024	SYB Com	A	Marketing Planning
	TYB Com	В	Business Plan preparation
	M. Com-II	В	Sources of Recruitement
	FYB Com	A	Office Automation
	FYB Com	С	Co-operative Education and Training
December	SYB Com	A	Introduction to International Marketing
2024	TYB Com	В	Project Help
	M. Com-II	В	Steps in Selection Process

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DEPARTMENT OF COMMERCE
G.M.D. Arts, B.W. Commerce
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G.M.D. Arts, B.W Commerce & Science College Sinnar. Dist - Nashik Department of Commerce TEACHING PLAN 2023-2024 TERM II

Name of the Teacher- SMT. Gaikwad S.R Class & Subject-

- 1. FYB Com (Sem -II) Organizational Skill Development (125A)
- 2. FYB Com (Sem -II) Theory & Practices Of Co-operation (125E)
- 3. SYB Com (Sem- IV) Marketing Management-I (246H)
- 4. TYB Com (Sem VI) Business Entrepreneurship (365G)
- 5. M. Com -I (Sem -II) Elements Of Knowledge Management

Month	Class	Div	Topics To be taught	Remark
	FYB Com	A	Office Manager	£
	FYB Com	С	Types of Co-operative Societies	
January	SYB Com	A	Green Marketing	
2024	TYB Com	В	Business Plan Implementation	
	M.Com-I	В	Introduction to Knowledge Management	
	FYB Com	A	Management Reporting	
	FYB Com	С	Co-operative Management	
February	SYB Com	A	E-Marketing	
2024	TYB Com	В	MSME Management	
*	M.Com-I	В	Tools and Technique of Knowledge Management	

	FYB Com	A	Work Measurement and Standardisation of office Work
March	FYB Com	С	Impact of Liberalisation, Privatisation and Globalisation on Co-operative Movement
2024	SYB Com	A	Digital Marketing
	TYB Com	В	Business Problems
	M. Com-I	В	Cross Functional Areas and Knowledge Management
	FYB Com	A	Office Automation
	FYB Com	С	Co-operative Education and Training
April	SYB Com	A	Introduction to International Marketing
2024	TYB Com	В	Startup India Scheme
	M. Com-I	В	Knowledge Strategies

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G.M.D. Arts, B.W. Commerce
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G.M.D.Arts, B.W.Commerce and Science College, Sinnar, Dist. Nashik

TEACHING PLAN (2023-2024)

TERM- I

Name of Teacher: DR. C. E. GURULE

CLASS AND SUBJECT:

1. FYBCom - Compulsory English

2. **FYBA** - Optional English

3. SYBA -Special Paper-II

4. TYBA -Compulsory English

5. MA-I -English Literature From 1798 to the Present

Month	Class	DIV	Topics to be taught	Remark
	FYBCom	В	Prose: Unit 1. The Beggar- Anton Chekhov	X 8 .
			Unit 2. Black Money and Black Economy- C. Rammanoar Reddy	
	FYBA	4, 21 1 (a) 1 (a) 1 (a) 2 (a)	Prose Pieces: 1. A Lesson My Father Taught Me - A.P.J. Abdul Kalam 2. Toasted English - R. K. Narayan	
September 2023	SYBA	ra M	A) Theory of Poetry (a) What is poetry? Significant development in the art of poetry during major periods	
	ТУВА	A	Unit-I- Prose (12 Clock Hours) 1. The Phantom Luncheon – Saki 2. Function of Education –J. Krishnamurti 3. God sees the Truth but Waits – Leo Tolstoy	
	MA-1	5	A Survey of Periods in the History of British Literature	
	FYBCom	В	Prose: Unit 3. The Nightingale and the Rose- Oscar Wilde Unit 4. Mohummad Yunis- Farida Khan	(2) (3) (4)
October	FYBA		Short Stories: 1. The Romance of a Busy Broker - O. Henry 2. The Open Window - Saki	20 S
2023	SYBA	4 2	(b) Elements of poetry: Rhythm, Meter, Sound Structure, Stanza Forms,(c) Figures of Speech, Symbols, Imagery, Simile, Metaphor, Personification and other Poetic Devices	

				to Chapter 10 females	
			u u	like Repetition and Contrast.	-
		ТУВА		Unit-II- Poetry (12 Clock Hours) 1. The Neutral Tones – Thomas Hardy 2. Strange Meeting – Wilfred Owen 3. Have you got a brook in your little heart – Emily Dickinson	
		MA-1	9	A Survey of Periods in the History of British Literature	
		FYBCom	В	Poetry: Unit 1 UpHIll- Christina Rosseti Unit 2. Stay Calm- Grenville Kleiser	
•		FYBA	3	Poetry: 1. Sonnet 29: 'When in disgrace with Fortune and men's eyes' - William Shakespeare	2 A
				 The World is too much with Us - William Wordsworth The Listeners - Walter de la Mare No Men are Foreign - James Kirkup 	
-11	November 2023	SYBA	6	(d) Types of Poetry: Elegy, Sonnet, Dramatic Monologue, Lyric, Ode, Ballad B) Poems:	- 3
				 The Nightingale- Philip Sidney Sonnet 3- William Shakespeare 	
		ТУВА	2 = 5 ₁	Unit-III- Grammar (08 Clock Hours) 1. Adverbs and their types (manner, place, time, frequency etc.) 2. Synthesis of sentences by using participles,	
				infinitives, adverbials etc.) 3. Types of Sentences according to function: Declaratives, Interrogatives, Imperatives	a a
		MA-1		2. A Survey of Periods in the History of American Literature	#
		FYBCom	В	Communication and Life Skills: Unit 1. Meeting and Greeting People and Dialogue Unit 2. Group Discussion, and interview and interviewing Skills Unit 3. Presentatition Skills	
	December 2023	FYBA	T. 1.2	Language Studies: Introduction to the Sounds of English: Part - I	
		SYBA		 The Sun Rising- John Donne London- William Blake Ode on a Grecian Urn- John Keats To a Skylark- P. B. Shelley 	-

	TYBA		Unit-IV- Writing (08 Clock Hours)	
			1. Paragraph Writing	
			2. Note-making and Note-taking	
			3. Reference Skills (Using	
		. 1	dictionaries/thesaurus/encyclopedias/year books/table	
	L.A. Sala		of contents/indices etc)	15,5
	1 1 1 1 1	1,384	Unit-V- Soft Skills and Employability Skills (05	
			Clock Hours)	
			1. Body Language/Non-verbal Communication	
	ž	(2)	2. Tips for Effective Communication	4
			3. Telephone Skills	
	ll see		4. Teleconferences	
	MA-1		2. A Survey of Periods in the History of American	- 10
7 2 100		U N N	Literature	

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of English

TEACHING PLAN (2023-24)

TERM- I

Name of Teacher: DR. SMITA RAMBHAU SHINDE

CLASS AND SUBJECT:

1. **FYBA** - Compulsory English (11001)

TYBA - Introduction to Literary Criticism (35332)
 MA-I - Contemporary Studies in English (10603)

4. MA-I -Literary Criticism & Theory (10604)

5. MA-II -Applied Linguistics (30602)

Month	Class	Subject	Topics to be taught	Remark
	FYBA (C)	Compulsory English (11001)	Prose: 1. Engine Trouble — R. K. Narayan 2. On Saying 'Please' — A. G. Gardiner 3. The Gift of the Magi — O. Henry	
	TYBA	Introduction to Literary Criticism (35332)	Unit-I- Orientation 1. Literary Criticism- definitions and functions 2. Types of Criticism- historical, biographical, sociological and psychological 3. Literature of knowledge and literature of power 4. Qualities of a good critic	
September	9.	Contemporary Studies in English (10603	Unit-1: Introduction to Linguistics and Contemporary Theories/Views of Language A) Introduction: What is Linguistics? Major	
2023			branches of Linguistics (Psycholinguistics, Sociolinguistics, Computational linguistics, Historical linguistics), Linguistics in the 20th century: A short history B) Ferdinand de Saussure's Structuralist	
	MA-1		View of Grammar: i) Synchronic and Diachronic Studies 42 ii) Langue and Parole iii) Syntagmatic and Paradigmatic Relations	
			 iv) IC Analysis C) Chomsky's Theory of Transformational Generative Grammar: i) Language acquisition: The Cognitivist approach ii) Competence and Performance iii) The Concepts of Kernel and Non- Kernel 	

			Sentences (i.e. Deep and Surface Structure] D) Dell Hymes' Concept of Communicative Competence	n ax
	MA-1	Literary Criticism & Theory (10604)	Unit-I: Classical Criticism i) Aristotle- Poetics (Chapter 6 to 10) ii) The Theory of Rasa- S. N. Dasgupta (from Indian Aesthetics: An Introduction, ed. by V. S. Seturaman, Macmillan, 1992)	
	MA-2	Applied Linguistics (30602)	Unit-I: Introduction 15 clock hours a) What is Applied Linguistics (AL)? b) A brief history and scope of AL c) Theoretical linguistics and AL: Their complementarities d) The interdisciplinary nature of AL	
	FYBA	Compulsory English (11001)	Poetry: 1. A Red, Red Rose — Robert Burns 2. Leave this Chanting and Singing — Rabindranath Tagore 3. The Felling of a Banyan Tree — Dilip Chitre	20 A SI
	TYBA	Introduction to Literary Criticism (35332)	Unit-II- Traditional Criticism 1. Classical Criticism - Aristotle's Concept of Imitation (Ref- Poetics), Longinus's Five Sources of Sublimity (Refon the Sublime)	
		Contemporary Studies in English (10603	Unit-II: Phonology i) The Phonemes of English: Description and Classification ii) The Syllable: Structure and Types,	
October 2023	MA-1	(10003	Syllabic Consonants iii) Word Stress: Degrees of Stress, Stress Shift, Grammatical Stress iv) Sentence Stress: Use of Weak and Strong Forms, Tone Groups, The Concept of Nucleus (types of nucleus: end-placed and contrastive), Tonic Accent, Pre-tonic Accent, Post-tonic Accent v) Intonation Patterns/Uses of Tones, Grammatical, Attitudinal and Accentual functions of Intonation	
			Unit I: Basics of Research 15 Clock hours 1.1 Definition and Nature of Research 1.2 Types of Research	
	MA-1		1.3 Objectives of Research 1.4 Research Theories: Empirical Research, Inductive Research, Deductive Research 1.5 Research Methods: Statistical, Sampling, Applied, Case Study, Survey,	
			Experimental Interviews, questionnaires etc. 1.6 Concept of Ethics in Research	. Y

	1 1 2 2	5 3		
	MA-2	Applied Linguistics (30602)	Unit-II: Language and mind a) Theories of language acquisition and language learning: Behaviouristic and Cognitivist/Mentalistic approaches b) Relation between language and culture c) Factors affecting language learning d) Language disorders (aphasia, anomia, agrammatism, dyslexia)	
	FYBA	Compulsory English (11001)	Grammar: 1. Articles 2. Prepositions 3. Verbs Regular and Irregular Verbs Auxiliary Verbs: Primary and Modal 4. Punctuation	
	TYBA	Introduction to Literary Criticism (35332)	2. Neo-Classical Criticism—Dryden's definition of play (Ref-An Essay on Criticism), Samuel Johnson's defense of Shakespeare	
November 2023	MA-1	Contemporary Studies in English (10603	Unit-III: Morphology i) Structure of words: The concepts of Morpheme and Allomorph ii) Types of Morpheme (free, bound, prefixes, suffixes: class changing, class- maintaining, inflectional, derivational), General Principles of Lexicography. iii) Some word formation processes: Reduplication, Clipping, Blending iv) Morphophonemic Changes, Phonological and Morphological Conditioning v) Problems of Morphological Analysis	
	MA-2	Applied Linguistics (30602)	Unit-III: Language teaching methods a) Approach, method and technique: Differences b) A brief survey of teaching methods (Grammar-translation method, Direct method, structural method, Communicative method, Task-based language teaching, English for Specific Purposes) c) Content and language integrated teaching/learning d) Technology and language teaching/ICT-enabled language teaching	

		Compulsory	Communication Skills:	
- 1		English (11001)	Greeting and Taking Leave	
1	****		2. Introducing Yourself	
12	FYBA		3. Introducing People to One Another	
Bad Victorial Control			4. Making Requests and Asking for	
			Directions	
		-:	5. Making and Accepting Apology	
AND BUILDING	TYBA		Unit-III- Romantic/Victorian Criticism	
100 11		Introduction to	Wordsworth's definition of poetry,	
* x	e e	Literary Criticism	Coleridge's distinction between fancy	
		(35332)	and imagination, Matthew Arnold's three	
	580 m		estimates of poetry	(4)
	2-1-	Contemporary	Unit-IV: SYNTAX	
December	MA-1	Studies in	a) Sentences and their Parts	
December	IVIA-1	English	b) Words	
2023		(10603	- 1	
		Applied	Unit-IV: Curriculum designing and	
		Linguistics	production of instructional materials-	
		(30602)	a) Curriculum and syllabus: Difference	
		(30002)	b) Essential components of a language	
	A Tenner		curriculum (needs analysis, goal setting,	
100 THE TOTAL THE	MA-2		syllabus,	
Military And			methodology and evaluation)	
			c) Kinds of syllabus (Structural-situational,	
			Notional-functional, Communicative, etc.)	
1			d) Criteria for evaluating instructional	
	,		,	× ,
			materials	

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TEACHING PLAN (2023-24)

TERM- II

Name of Teacher: DR. SMITA RAMBHAU SHINDE

CLASS AND SUBJECT:

1. **FYBA** - Compulsory English (11001)

2. TYBA - Enhancing Employability Skills (36333)

3. MA-I - Contemporary Studies in English (20603)

4. MA-I -Literary Criticism & Theory (20604)

5. MA-II -Applied Linguistics (30602)

Month	Class	DIV	Topics to be taught	Remark
	Compulsory English (12001)	С	Prose: 1. In Sahyadri Hills, A Lesson in Humility — Sudha Murthy 2. The Model Millionaire — Oscar Wilde	
	Enhancing Employability Skills (36333)		3. The Eyes are not Here — Ruskin Bond Unit-V- English for Competitive Examinations (12 Clock Hours) 1. Vocabulary 2. Tenses 3. Prepositions	
	Contemporary Studies in English		4. Précis Writing Unit-I: Sociolinguistes A) Language Variation: Regional Dialects, Social Dialects/ Sociolects, Diglossia, Idiolects, Formal and Informal Styles, Registers, Standard and Non-standard	
January 2024			Varieties, Arguments against the Standardisation of English, Slang, Jargon B) Language Contact a) Bilingualism, Multilingualism, Language Planning	
			 b) Code Switching and Code Mixing c) Pidgins and Creoles, d) Borrowing, e) Esperanto f) Language maintenance, Language shift and Death of Language 	
	OJT		Guidance to MA -I Students about OJT Survey of the schools	
	Applied Linguistics		Unit-I: Teaching of language and literature 15 clock hours a) Teaching of listening and speaking	

), mie XPIII			b) Teaching of vocabulary and grammar	
	Compulsory English (12001)	С	Poetry: 1. My Heart Leaps Up — William Wordsworth 2. Ozymandias — P. B. Shelley 3. Success is Counted Sweetest — Emily Dickinson	
	Enhancing Employability Skills (36333)		Unit-VI- English for Research Purposes (11 Clock Hours) 1. Research Writing 2. Writing a Research Proposal 3. Writing a Research Paper	
			4. Strategies for Writing Effective Research Papers	
Febrary 2024	Contemporary Studies in English (20603		Unit-II: Semantics i) Nature of Semantics ii) Seven Types of Meaning iii) Lexical Semantics: a) Synonymy, Antonymy b) Homonymy, Polysemy c) Hyponymy, Super ordinate Terms d) Metonymy, the Concept of Prototype	
	OJT		Guidance to MA -I Students about OJT Survey of the schools Preparation of the students for OJT	
	Applied Linguistics (40602)		Unit-I: Teaching of language and literature 15 clock hours c) Remedial teaching d) Teaching of literature with lesson plan (only poem and short fiction)	
	Compulsory English (12001)	С	Grammar: 1. Tenses 2. Subject-Verb Agreement 3. Vocabulary	
	Enhancing Employability Skills (36333)		Unit-VII- Content Writing (11 Clock Hours) 1. Applications and Types of Content Writing 2. Writing Blog Posts and Online Articles 3. Writing for Websites 4. Writing for Social Media Platforms	
March2024	Contemporary Studies in English		Unit-IV: Syntax a) Phrases b) Clauses	
	(20603 OJT		Guidance to MA -I Students about OJT Survey of the schools Presentation of the students for OJT	
	Applied		Unit-II: Testing and evaluation 15 clock	-

		102		TO 10 10 10 10 10 10 10 10 10 10 10 10 10	1 1
		Linguistics		hours	
40		(40602)		a) Difference between testing and evaluation	
				b) Qualities of a good test: validity,	
			¥ *	reliability, practicability, discrimination.	
				c) Types of test: aptitude test, diagnostic test,	
				placement test, progress/achievement test,	
			The Late	proficiency test	
	1 5 5 A 18 C	Charles and the	1		
		23.6		d) Assessment types: formative, summative;	
		and the state of	1.00	testing of receptive and productive skills.	E .
		Compulsory	C	Communication Skills	2
		English		1. Inviting and Accepting/Declining Invitations	
		(12001)		2. Making a Complaint	
			~	3. Congratulating, Expressing Sympathy and	
		1 4	100	Offering Condolences	
	Marie .			4. Making Suggestions, Offering Advice	
		1. V 1. V 1.		and Persuading	
		Enhancing	1 , 2 - 10	Unit-VIII- English for Advertising (11	The state of
		Employability	10 4 4 7	Clock Hours)	
		Skills (36333)		1. Writing for Advertisements	
		SKIIIS (30333)		2. Writing Newspaper Advertisements	
				3. Writing Television and Radio	1 3 4 4
		_		Advertisements	_**
	Bortania I	1	4 6 - 7		1 S. P. 1 C. P.
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4. Writing Internet Advertisements	
				Unit-III: Speech Act Theory and Discourse	Zavie, -
		Contemporary	200	Analysis	1 5 x
		Studies in	Alexander and Table	i) Semantics and Pragmatics: Differences	0
		English		ii) J. L. Austin's Speech Act theory:	*
		(20603		a) Constative and Performative Utterances	
	* X	,		b) Felicity Conditions	
				c) Locutionary, Illocutionary and	-
	L 3 9 9 1	- "		Perlocutionary Acts	* ** ** ** ** ** **
			F. S. S. S. A	iii) J. R. Searle's Typology of Speech Acts:	4
Age of the	April 2024			a) Assertives (b) Declaratives (c) Expressives	
		ger plat.		(d) Directives (e) Commissives	
			ta in part	iv) Direct and Indirect Speech Acts	r a e
	La Sound Life is	6 g / th 1 th		v) The Concepts of Entailment, Presupposition	
		The way was the same of the sa		and Implicatures	21 (1.15)
		1 × ×		vi) The Concept of Discourse:	
	1 1	a) (a) Cohesion and Coherence	
			1244	b) Turn Taking and Adjacency Pairs	
	First Control	Annlied			
		Applied	- 1	Unit-III: Stylistics and literary	
		Linguistics		appreciation 15 clock hours	
		(40602)	e ne desal	a) Stylistics: Definition(s) and scope	
	X-12 19	7 .5 6		b) Linguistics, Stylistics and literary	
				criticism	
	× ×			c) Tools of stylistics: sounds, lexis,	
			2	semantics, syntax, discourse.	
			_	d) Cohesion and its types: Reference,	- 8 - 21 5
	1. 13 - 21 1			Ellipsis; Conjunction, lexical cohesion	
A. Branch		In Section 1		e) Application of stylistic principles to forms	1 2
				of literature (examples)	
	e ja mara en in in		2	Unit-IV: Translation 15 clock hours	
				a) What is translation? Types of translation.	
		-		b) Linguistics and translation	_

c) Approaches to translation	1
d) Semiotics of translation	
e) Cultural barriers in translation	The second

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TEACHING PLAN (2023-24)

TERM-I

Name of Teacher: Smt. Sujata Sahebrao Zade

CLASS AND SUBJECT:

1. SYBA

- Compulsory English

2. SYBSC

- A English Language

3. SYBCS

- Communication Language

4. MA I

-English Liteature-I

5. MAII

- Indian Writing in English

6. MAII

- Indian Writing in English Translation

Month	Class	Subject	Topics to be taught	Remark
	SYBA (A)	Compulsory	Unit-I- Prose	() () () () () () () () () ()
r e e e		English (23001)	1. A Simple Philosophy- Seathl	
1. 2.7.14	v.		2. The Homecoming- Rabindranath	1 × 1
			Tagore	
			3. The Verger- Somerset Maugham	
		SYBSC	Unit:I :Literature	
		A English	1 A Shadow: R. K. Narayan	
		Language	2. La Belle Dame Sans Merci: John	. 545
*	SYBSC/BCS		Keats	
	~	The state of the s	3. Where the Mind is without Fear: R.	
		SYBCS -		
		Commuication	Tagore	
		Language	*	
	MA-I	English	Unit I 15 Clock Hours	
## II		Literature -I	POETRY:	
		×	A) Orientation:	* ,
September		30 10	Background to poetry in the	
2023			Renaissance period and the	
2023			Neoclassical period	
	kai e dela d		B) Text/s:	
			1. Sonnet 19: "When I Consider How	
2 T 748 64 6			My Light Is Spent" (On His	
	a	Mil.	Blindness) by John Milton	19
97		32	2. Sonnet 130: "My mistress' eyes are	
			nothing like the sun" by William	
	a feet	a = * = *	Shakespeare	
			3. "The Canonization" by John Donne	
			4. "The Fair Singer" by Andrew	
	Fe 2 August III		Marvell	
	2 100		5. "His Return to London" by Robert	
A	e-	Ø.	Herrick	
			6. "The Spring" by Thomas Carew	

	MA-1I (3.1)	Indian Writing in English	Unit-I: Kanthapura- Raja Rao	
	SYBA (A)	Compulsory English (23001)	Unit-II- Poetry 1. The Palanquin Bearers- Sarojini Naidu 2. On the Grasshopper and the Cricket- John Keats 3. Pied Beauty- George Manley Hopkins	
October 2023	SYBSC/BCS	SYBSC A English Language SYBCS Commulication Language	Unit-II: Conversation Skills 1. Introducing Yourself and others 2. Asking, Giving and Refusing Permission 3. Describing Daily Routine 4. Complaining and Apologising	
2023	MA-I	English Literature -I	Unit II DRAMA: A) Orientation: Background to English tragedies in the Renaissance period and the	
	a		Neoclassical period B) Text/s: Romeo and Juliet by William Shakespeare	e e e e e e e e e e e e e e e e e e e
	MA-1I (3.1)	Indian Writing in English	Unit-II: Nectar in a Sieve- Kamala Markandaya	*
	SYBA (A)	Compulsory English (23001)	Unit-III- Grammar 1. The Passive Voice 2. Direct and Indirect Speech 3. Negative Sentences	(A.
	SYBSC/BCS	SYBSC A English Language	Unit 3: Interview Skills 1. Job Application Letter 2. Resume Writing	
November 2023		SYBCS Communication Language		
	MA-I	English Literature -I	Unit III NOVEL: A) Orientation: Rise of the Novel in the 18th Century B) Text/s: Robinson Crusoe by Daniel Defoe	
*	MA-1I		Unit-III: Derozio to Naidu-	-

	(3.1)	Indian Writing	Henry Derozio: 1) Freedom to the	
	5 1 2 2 2 2	in English	Slave 2) The Orphan Girl	
	8-35 1		Toru Dutt: 1) Sita 2) The Sower	_ '
	e for the		Manmohan Ghose: 1) Can IT Be?	. N
			Sri Aurobindo: 1) Rose of God 2) The	
- 3	7		Tiger and the Deer	
	e :1		Rabindranath Tagore: 1) Defamation	V V
			2) Little Flute	*
			Sarojini Naidu: 1) Autumn Song 2)	
			Summer Woods	
A 1 2 2 2 1 2	SYBA (A)	Compulsory	Unit-IV- Vocabulary	
		English (23001)	1. One-word substitutes	
			2. Idioms	
l l			3. Suffixes and prefixes	0.00
ut julijani	Sir Y		Unit-V- Soft Skills	-
			1. Leadership skills	
			2. Teamwork skills	
		SYBSC	UNIT-III-SOFT SKILLS AND	
	The Table 1	A English	PERSONALITY DEVELOPMENT	24
=		Language	(Sample Situations, Useful	
*	GVDGG/DGG	Tip Control of the Co	Techniques and Exercises)	.1
	SYBSC/BCS	a ::		#
		SYBCS	3. Group Discussion and Personal	L - 46.
		Commuication	Interview	(E) 1
		Language	4. Presentation	
December			TI I W PROCE	3.
2023	MA-I	English	Unit IV PROSE:	P.C.
2023		Literature -I	A) Orientation:	
			Introduction to prose in the	040
eres a	5 5 5 5		Renaissance period and the	k
			Neoclassical period	
			B) Text/s:	e ju
			1. The Diary of Samuel Pepys by	
riji Sinja Bal			Samuel Pepys (Diary entries from the	
18"			month of January 1660)	9
		9	2. The Journal to Stella by Jonathan	4
		500	Swift	
			('Letter-I', 'Letter-II' and 'Letter-III')	100
	MA-1I	Indian Writing	Unit-IV: My Days: A Memoir- R. K.	
	MA-1I (3.1)	Indian Writing in English		1 1

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TEACHING PLAN (203-24)

TERM- II

Name of Teacher: Smt. S.S.Zade

CLASS AND SUBJECT:

1. SYBA

- Compulsory English (24001)

2. SYBSC

- English

3. SYBCS

- English

4. MA-I

- English Literature-I

5. MA II

- Indian Literature in English Translation (4.1)

6. MA II

- Indian Literature in English Translation (4.4)

Month	Class	Subject	Topics to be taught	Remark
	SYBA (A)	Compulsory English (24001)	Unit-I- Prose 1. The Chicago Speech- Swami Vivekananda 2. The Lottery Ticket- Anton Chekhov 3. The Open Window- Saki (H. H. Munro)	
January 2024	SYBSC	English	UNIT-I-LITERATURE 1. Short Story: i) My Lost Dollar: Stephen Leacock 2. Poetry: i) The Bird Sanctuary: Sarojini Naidu	
	SYBCS	English	 ii) Stopping by Woods on a Snowy Evening: Robert Frost UNIT-I-LITERATURE 1. Short Story: i) My Lost Dollar: Stephen Leacock 2. Poetry: i) The Bird Sanctuary: Sarojini Naidu 	

			ii) Stopping by Woods on a Snowy Evening: Robert Frost	= 1 1 1 1 1 1 1
	MA-I	English Literature-I	A) Orientation: Introduction to the epics in English literature B) Text/s:	
			The Faerie Queene (Book-I) by Edmund Spenser *C) Practical:	
			Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.	
	MA II (Paper 4.1)	Indian Writing in English	Unit-I: The God of Small Things - Arundhati Roy	
	MA II (Paper 4.4)	Indian Literature in English Translation	Unit-I:Poetry 1) Farewell to the world (Stanza 1-10) - Mary John Tottam (Sr. Mary Benigna)	
			 Man and God - Mohammad Iqbal Draupadi - Sutapa Bhattacharya White Paper - Nara (VN Rao) hese my Words - Hiren Bhattacharya Daily Wages - Amrita Pritam Cycle Rikshaw - Raghuvir Sahay 	202
	SYBA (A)	Compulsory English (24001)	Unit - II - Poetry 1) On Another's Sorrow - William Blake	
February			2) Laugh and Be Merry - John Mansfield3) The Rock and the Bubble - Louisa	
2024			May Alcott	, -
			UNIT-II-WRITING	

2 79474			SKILLS	
	SYBSC	English	(Sample Passages, Useful Techniques and Exercises)	
			1. Notices	2
	= > _r		2. Agenda	9 V
	en en en Laboratoria Laboratoria		3. Minutes	
			4. Content Writing	
			UNIT-II-WRITING	2 1
, * v ,	*	.e.	SKILLS	1 1 S
			(Sample Passages, Useful Techniques and Exercises)	
	SYBCS	English	1. Notices	1
* * * * * * * * * * * * * * * * * * *			2. Agenda	e
	10:	* -	3. Minutes	# 6 0 2 2
			4. Content Writing	8 1
	MA-I	English Literature	DRAMA:	±.
	, ,	Literature	A) Orientation:	
14. T		3	Background to English comedies in the Renaissance period and the Neoclassical	1 2
		The second second	Period	
		8 mm 1	Period 11	
			Period 11 B) Text/s:	
			Period 11 B) Text/s: She Stoops to Conquer by Oliver	
			Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith	
			Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical:	
			Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary	
			Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please	
			Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.	
	MA II	Indian Writing	Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below. Unit-II: The White Tiger - Aravind	
	MA II (Paper 4.1)	Indian Writing in English	Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.	
	5 A 1 A 1 A 1 A		Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below. Unit-II: The White Tiger - Aravind	
	5 A 1 A 1 A 1 A		Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below. Unit-II: The White Tiger - Aravind Adiga	
	5 A 1 A 1 A 1 A		Period 11 B) Text/s: She Stoops to Conquer by Oliver Goldsmith *C) Practical: Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below. Unit-II: The White Tiger - Aravind Adiga Unit-III: Poetry	

			NOT SELECT THE SELECT OF THE S	
9 Un 112 S			ii) The Garden	
			2) Nissim Ezekiel	le ca
			i) Urban	
* 11.24			ii) Philosophy	-
			3) Kamala Das: The Sunshine Cat 4) A.K.Ramanujan: Still Another View of Grace	
	MA II (Paper 4.4)	Indian Literature in English	8) he Character I Created - Chandrasekher Kambar	
		Translation	Poetry Notebook - Namdeo Dhasal Spellbound - Indira Saint	в 1 -
			Unit - II: Fiction	T #
			1) Fire,My Witness (Agnisakshi) - Lalithambika Antharjanam	
March 2024	SYBA (A)	Compulsory English (24001)	Unit - III - Grammar 1) Question Tags 2) Simple, Compound and Complex sentences 3) Question Tags 4) Simple, Compound and Complex sentences 5) Degrees of Comparison	
	MA-I	English Literature	NOVEL: A) Orientation: Background to the 18th Century English Novel	2
			B) Text/s: The History of Tom Jones, a Foundling by Henry Fielding	

		4 *	UNIT-III-SOFT SKILLS AND PERSONALITY DEVELOPMENT	-
			(Sample Situations, Useful Techniques and Exercises)	
	SYBSC	English	1. An Introduction to Soft Skills	
		. 187	2. SWOC Analysis	
			3. Goal Setting	
			4. Project Management	r r r ess
			UNIT-III-SOFT SKILLS AND PERSONALITY DEVELOPMENT	
	SYBCS	English	(Sample Situations, Useful Techniques and Exercises)	
			1. An Introduction to Soft Skills	Too, to
			2. SWOC Analysis	
	MA II	Indian Writing	Another View Of Grace	
	(Paper 4.1)	in English	5) Jayant Mahapatra: A	
			Missing Person	
			6) Arun Kolatkar: The Indicator	
			7) Eunice De Souza: Catholic Mother	
285			8) Vikram Seth: Sit	i i
	MA II	Indian	Unit - III : Drama	The second
	(Paper 4.4)	Literature in English	1) Tughlaq - Girish Karnad	1 30
		Translation		(1 × 34)
	5		Unit - IV- Vocabulary	
			1) Collocations: Words that go together	2
April			2) Phrasal Verbs	
2024	SYBA	Compulsory	3) Commonly Confused Words	
	(A)	English (24001)	Unit - V -Soft Skills	
. 8-			1) Problem- Solving Skills	
1.500.000	31 6 18 1	ar Programme	Time Management	

	MA-I	English Literature	A) Orientation: Introduction to the history of periodical essays and other prose writing in the Neoclassical period	
			B) Text/s:	
			1. "A Coffee-house and Its Frequenters" by Richard Steele 2. "The Londoner" by Charles Lamb 3. "War" by Oliver Goldsmith	
	SYBSC	English	Goal Setting Project Management	* 1 T
	SYBCS	English	Goal Setting Project Management	
	MA II (Paper 4.1)	Indian Writing in English	Unit - IV - Nagmandala -Girish Karnad	
	MA II (Paper 4.4)	Indian Literature in English Translation	Unit - IV: Autobiography Karukku - Bama, Trans, Lakshmi Holmstrom.	

Stale

Signature of Faculty



HEAD
DEPARTMENT OF ENGLISH
G.M.D. Arts, B.W. Commerce
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Principal
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of History

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: Ms. S. R. More

CLASS AND SUBJECT:

1. FYBA - Early India: From Prehistory to the Age of the Mauryas I (11171)

2. SYBA - Medieval India - Sultanate Period(23171)

3. TYBA - Introduction to Historiography (35171)

4. TYBA -Indian National Movement (1885-1947) (35174)

5. TYBA- South Indian Art and Architecture (35176)

Month	Class	DIV	Topics to be taught	Remark
		В	Introduction to the Subject	
			Unit I: Early India: Sources and	
			Prehistory	
			(a) Geographical Extent, Town Planning,	
	FYBA		Trade, Religious Practices	
	FIBA		(b) Art, Crafts and Technology: Pottery,	
1	,		Seals, Beads, Images, Terracotta Figurines	
			Seals, Beads, Images, Terracotta Figurines Metallurgy, Script and Decline (c) Palaeolithic, Mesolithic, Neolithic and Chalcolithic Cultures: A Brief Review Introduction to the Subject Unit I: Foundation of the Delhi Sultanate a) Sources of Historiography of Sultanate Period b) Invasions of Muhammad Ghori c) Foundation of Delhi Sultanate: Qutbuddin	
-	_1		(c) Palaeolithic, Mesolithic, Neolithic and	
			Chalcolithic Cultures: A Brief Review	
	SYBA S-1		Introduction to the Subject	
September			Unit I: Foundation of the Delhi Sultanate	- "
2023			a) Sources of Historiography of Sultanate	
2023			Period	
			b) Invasions of Muhammad Ghori	
	_		c) Foundation of Delhi Sultanate: Qutbuddin	
	1.1		Aibak	
			Introduction to the Subject	Ta .
			Introduction to Historiography	
	TYBA S-3		Unit -I: Meaning and Scope of History	
			a) Definition, Nature & Scope of History	
			b) History and Social sciences	
			(Political science, Geography,	
			Economics, Sociology)	
			Indian National Movement (1885-1947)	
			Unit I: Rise and Growth of Indian	-
	TT TD + C 0		Nationalism	
	TYBA G-3		a) Causes for the Rise of Indian Nationalism	
			b) Foundation of Indian National Congress.	
1.37			c) Moderate Nationalists and Assertive	
			Nationalists	
			d) Revolutionary Nationalists	
	TYBA SEC		South Indian Art and Architecture	

				(From 4th Century A.D. to 12th	
				Century A.D.)	
				Unit. I- Introduction to Panting	
				a) Ajanta Painting.	
				b) Lipasakhi Painting.	
			В	Unit II: Harappan Culture: Bronze	
				Age Civilization	
		EVDA		(a) Geographical Extent, Town Planning,	
		FYBA		Trade, Religious Practices (b) Art, Crafts and Technology: Pottery,	
				Seals, Beads, Images, Terracotta Figurines	
				Metallurgy, Script and Decline	
		SYBA		Unit II: The early Sultans of Delhi and	
		SIDA		their contributions	
				a) Iltutmish	
				b) Raziyya	1.5
				c) Balban	
	October				
	2023			Unit -II: Sources of Historical	
	•	TYBA S-3		Research	
				a) Primary, Secondary and Oral sources.	
				b) Written, Unwritten.c) Importance of Sources.	
				Unit II: Mass Movement	
				a) Non Co-Operation Movement.	
		TYBA G-3		b) Civil Disobedience Movement.	
		110/10-3		c) Quit India Movement.	
				Unit. II - Introduction to Sculpture	
		TYBA SEC		a) Mahabalipuram.	
26 - 1		TIBASEC		b) Badami	
			В	Unit III: Vedic Culture, Religious	
			_	Protest: Jainism and Buddhism	
				(a) Vedic and Later Vedic Culture: Original	
		EVDA		home, Tribal Polity, Social Divisions,	
1-00-00	Sec.	FYBA		Rituals and Philosophy	
				(b) Jainism and Buddhism: Causes of Origin,	
Market Comment				Doctrines, Contributions and	
				Importance	
200		SYBA	-	Unit III: Expansion of Sultanate	
				a) Alauddin Khalji: Expansion and	
	November			Administrative Reforms	
	2023			b) Experiments of Muhammad-Bin-Tughlaq,	
				Firuz Tughlaq: Administrative Reforms.	
				c) The Saiyyids, the Lodis and the decline of	
				the sultanate.	
				Unit -III: Preliminary Operations	
		TYBA S-3		a) Problem Formulation	
		1121100		b) Objectives	
				c) Hypotheses, Research Methods	
		TVDA C 2		Unit III: Towards Independence and	
1		TYBA G-3		Partition.	
				a) Two Nation Theory: Establishment of	

		The second secon	
		Muslim League and Hindu	
		Mahasabha, Growth of Communalism,	
		Genesis of Pakistan.	
		b) Indian National Army.	
		c) Transfer of Power: The Cripps Mission,	
		The Cabinet Mission, The	
		Mountbatten Plan, Indian Independence Act	
		and Partition	
		Unit.III- Introduction to Architecture	
	TYBA SEC	a) Pattukel ,Velur	
		b) Tanjavur, Vesara	
8 = 31 =		B Unit IV: Emergence of the	4
		Mahajanpadas and the Age of the	
		Mauryas	
		(a) The Mahajanpadas, Rise and Growth of	
		the Magadhan Empire	
	FYBA	(b) The Age of the Mauryas: Chandragupta,	
		Ashoka and his policy of Dhamma	
		(c) The Mauryan Administration, Economy,	
		Decline and Significance	
		200	
	SYBA	Unit IV: Kingdoms of Vijayanagar and	
	J T D T T	Bahamani	
December		a) Rise of Vijayanagar Empire: Harihar,	
2023		Bukka, Krishndevray	
2023		b) The Emergence and expansion of the	
		Bahamani Kingdom: Contribution of	
		Muhmud	
		Gawan	
		c) Disintegration of Bahamani Kingdom	
		Unit -IV: Synthetic Operations	
		a) External Criticism	
	TYBA S-3	b) Internal Criticism	
	110/10-3	c) Interpretation, Foot Note	
		d) Organizing Research Work, Statistical	
TOWN TO SELECT		Data, Outcomes and Bibliography.	
		Unit IV: Subaltern Movement	
		a) Peasant Movement.	
	TYBA G-3	b) Workers Movement.	
	I I DA G-3	c) Dalit Movement.	
		d) Women's Movement.	
		e) Tribal Movement.	

HEAD
DEPARTMENT OF HISTORY G.M.D.Arts, B.W.Commerce and G.M.D. Arts, B.W. Commerce Science College, Sinnar, Dist. Nashik
Head, Dept. of History
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of History

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: Ms. S. R. MORE

CLASS AND SUBJECT:

- 1. FYBA Early India: Post Mauryan Age to the Rashtrakutas (12172)
- 2. SYBA -Medieval India: Mughal Period (24171)
- 3. TYBA -Applied History(36171)
- 4. TYBA -Heritage Management(36176)
- 5. TYBA India After Independence- (1947-1991)

Month	Class	DIV	Topics to be taught	Remark
			Early India: Post Mauryan Age to the Rashtrakutas	
		В	Unit I: Central Asian Contacts and the Age of the Shung-Satvahanas	4
January 2024	FYBA		a) The Indo-Greeks, The Shakas, The Parthians, The Kushanas: Economy, Society, Religion and Culture (b) The Age of Shung-Satvahanas: Polity and Administration, Society, Economy, Culture	i a
	SYBA S-1		Medieval India: Mughal Period	I
			Unit I: Foundation of Mughal Empire a) Sources of Historiography of Mughal Period b) Babur: The Foundation of Mughals Empire c) Humayun Struggle with Sher Shah Suri. Sher Shah: administrative reforms	
Ρ =	=		Applied History Unit-I. Applied History	
	TYBA S-3		a. Applied History: Concept and Applicationb. Application of History in Various Subjectsc. Co-relationship between Past and Presentd. Contemporary History: Meaning and Nature	
	TYBA G-3		India After Independence- (1947-1991) Unit I: Challenges after Independence	

			a) Consequences of Partition b) Integration of Princely states- Kashmir, Junagadh, Hyderabad c) Liberation of Portuguese and French Colonies- Goa, Pondicherry, Chandranagore d)Indian Constitution – Salient Features e) Linguistic Reorganization of States	
	TYBA SEC		Heritage Management Unit-I: Heritage a) Define the concept of Heritage i) Local ii) National iii) International b) Nature and Scope c) Importance of Heritage	21
	FYBA	В	Unit II: Early History of South India (a) Period of Sangam Literature –Society and Culture, early polities (b) Economy: Towns, Trade and Crafts	
February	SYBA S-1		Unit II: The Consolidation of the Mughal Empire	
2024	T T		a) Akbar: Extent of the Mughal Empire, Mansabdari System, Religious Policy b) Expansion: Deccan Policy of Jahangir and Shah Jahan c) The reign of Aurangzeb: Rajput Policy, Ahom conflicts, Sikh Policy, Deccan expeditions	-
	TYBA S-3		unit-II. Archaeology and Archives a) Archaeology and Archives: Definition and Development in India b) Archival Sources: Ancient, Medieval and Modern- A brief survey c) Heritage Sites: Types, Preservation and Conservation d) Historical Importance of Heritage Sites and Museums	
	TYBA G-3		Unit II: India's Foreign Policy a) Non Aligned Movement b) Indo-Pak Relations, Conflicts and the birth of Bangladesh c) Indo-Sino Relations, Conflicts and Panchsheel d) Indo-Sri Lanka Relations	
	TYBA SEC		Unit-II: Heritage Tourism a) Define the Concept of Heritage Tourism b) UNESCO World Heritage Site in India	

			c) UNESCO World Heritage Site in Maharashtra	
			Unit III: North India: Gupta and Harshvardhan	
		В	(a) The Gupta Empire – Brief Political	
			History, Administration, Society, Trade,	
	FYBA		Science and Technology	
			(b) Harshvardhan: Administration, Religion,	
March			Education	
2024				
	SYBA S-1		Unit III: Administrative systems	
	_ =		a) Central and Provincial Administration	
			b) Revenue System	
			c) Judicial System, Military administration	
			Unit-III. Mass Media and Applied	
			History	
	ä		a) Mass Media: Meaning and Types	
	TYBA S-3		b) Print media: i). Establishment and growth of	
	,		printing press in India ii). Newspaper: Definition,	
			Rise, Newspaper in India - A brief survey	
			c) Electronic media: Radio, Television, E-media.	
			Unit III: Domestic Policy	
	TYBA G-3		a) Hindu Code Bill: Nature and Impact	
	11BA 0-3		b) Emergency: Background, Nature and Impact	
			c) Space Research	
			Unit- III: Heritage Site Management	
	TYBA SEC		a) Roll of Government	
	I I DA SEC		b) Roll of Common People	
			c) Field Visit and Report	
			Unit IV: Regional Kingdoms: A Brief History	
		В	(a) The Chalukyas, Pallavas, Pandya -	
			Struggle for Supremacy over Peninsular	
	FYBA		India	
April			(b) Rashtrakutas, Palas, Parmaras- Tripartite	
2024	Ω		Struggle	
	=		(c) Literature, Religion, Art and Architecture	
	SYBA S-1		Unit IV: Economy, Society and	
	10.		Culture	

		a) Economy: Agriculture, trade and industry	
		b) Society: Caste system, position of women,	
		Bhakti and Sufi movement.	
		c) Culture: Science and Technology	
	TYBA S-3	Project Work	
		Unit IV: Economic Policy	
	TYBA G-3	a) Mixed Economy and Five Year Plans	
		b) Industrial Development	
		c) Nationalization of Banks - First	
		Demonetization	
		d) Privatization, Liberalization and Globalization:	
		Brief Introduction	

HEAD

G.M.D. Arts, B.W. Commerce And Science College, Sinnar PRINCIPAL
G.M.D.Arts, B.W.Commerce and
Science College, Sinnar, Dist. Nashik

Signature of faculty

Head, Dept. of History

Principal

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of History

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: Mr. S. M. Gade

CLASS AND SUBJECT:

- 1. FYBA Early India: From Prehistory to the Age of the Mauryas I (11171)
- 2. SYBA Glimpses of the Modern World Part I (23172)
- 3. SYBA History of the Marathas: (1630-1707) (23174)
- 4. SYBA -Art and Architecture of Early India (From 3000 B.C. to 12th Century A.D.) (23176)
- 5. TYBA Maharashtra in the 19th Century

Month	Class	DIV	Topics to be taught	Remark
		C	Introduction to the Subject	
			Unit I: Early India: Sources and	1
			Prehistory	
	41		(a) Geographical Extent, Town Planning,	
	FYBA		Trade, Religious Practices	
	FIDA		(b) Art, Crafts and Technology: Pottery,	
	ш		Seals, Beads, Images, Terracotta Figurines	
			Metallurgy, Script and Decline	
			(c) Palaeolithic, Mesolithic, Neolithic and	
			Chalcolithic Cultures: A Brief Review	
September	SYBA S-2		Introduction to the Subject	
2023			Unit I. The Modern Age	
			a) Renaissance - Background and Nature	
-			b) Religious Reforms Movement - Martin	
			Luther King	
			Introduction to the Subject	
	SYBA G-2		History of the Marathas: (1630-1707)	
	SYBA G-2		Unit-I: Sources and Rise of the Maratha	
			Power	
			a) Literary Sources: Marathi and Foreign	
			Sources (Portuguese, English, French)	

		y		
2/3			b) Background of the rise of Maratha Power	
		l.	c) Shahaji Raje, Rajmata Jijabai and Early	
			Life of Chhatrapati Shivaji Maharaj	
			Maharashtra in the 19th Century	
			Unit-I. Foundation of British Power in	
	TYBA S-4		Maharashtra	
			a) Background	
			b) British Administration.	
			c) Impact of British Power in Maharashtra	£1
			Art and Architecture of Early India	
			(From 3000 B.C. to 12th Century A.D.)	Lesson in
	1		Unit I Pre-Mauryan and Mauryan Art	
			and Architecture	
	SYBA SEC		a) The Indus Valley: Urban Planning, Great	
			Bath, Seals, Dancing Girl	
			b) Mauryan Period: Stupa, Ashokan Pillars,	
			Caves, Pottery, Coins	
		С	Unit II: Harappan Culture: Bronze	
			Age Civilization	
			(a) Geographical Extent, Town Planning,	-
	FYBA		Trade, Religious Practices	13
			(b) Art, Crafts and Technology: Pottery,	
			Seals, Beads, Images, Terracotta Figurines	
			Metallurgy, Script and Decline	
	SYBA S-2		Unit II. The Age of Revolutions	
			a) The American Revolution - Causes and	
October			Consequences	
2023			b) The French Revolution - Causes and	
			Consequences	
			c) The Industrial Revolution - Causes and	
			Consequences	
			Unit-II: Foundation of Swarajya to the	
	SYBA G-2		Coronation, Karnataka Expedition	
			a) Relations with Adilshahi: Javali and Afzal	
			Khan episode and its importance	

			b) Relations with Mughals: Campaign of	
			Shayasta Khan, Sack of Surat, expedition of	
			Jaisingh, Visit to Agra	
			c) Coronation and Karnataka Expedition	
			Unit-II. Reformism in Maharashtra	
			a) Contribution of Intellectuals –Balshastri	
			Jambhekar, Jagannath Shankarsheth Gopal	
			Hari Deshmukh (Lokhitwadi) ,Mahatma	
	TYBA S-4		Jyotiba Phule	
			b) Institutional Experiments-Paramahamsa	
			Mandali, Prarthana Samaj, Satyashodhak	
			Samaj,	
			Sarvajanik Sabha	
	SYBA SEC		Unit II Post-Mauryan Art and	
			Architecture	
			a) Rock-Cut Architecture	
			b) Stupas, Chaityas, Vihars and Temples	
		С	Unit III: Vedic Culture, Religious	· ·
	FYBA		Protest: Jainism and Buddhism	
			(a) Vedic and Later Vedic Culture: Original	
			home, Tribal Polity, Social Divisions,	
			Rituals and Philosophy	
			(b) Jainism and Buddhism: Causes of Origin,	
			Doctrines, Contributions and	
			Importance	
November	SYBA S-2		Unit III. Nationalism	
2023			a) Unification of Italy	
			b) Unification of Germany	
			c) Japan - The Meiji Revolution	
			Unit-III: Administration under	
	OVD 1 C 2		Chhatrapati Shivaji Maharaj	
	SYBA G-2		a) Military	
			b) Civil	
	TO LOCAL		Unit-III. Uprising and Political Agitation	
	TYBA S-4		a) Local Uprisings	

		(Unriging of Pamoshi Bhill Kali Revolt of	
		, , , , , , , , , , , , , , , , , , , ,	
SYBA SEC			
	С		
_			
		(a) The Mahajanpadas, Rise and Growth of	
FYBA		the Magadhan Empire	
	1	(b) The Age of the Mauryas: Chandragupta,	
		Ashoka and his policy of Dhamma	
		(c) The Mauryan Administration, Economy,	
		Decline and Significance	
SYBA S-2		Unit IV. World War I and Rise of	
		Communism	
	-	a) World War I - Causes and Consequences	
		b) Paris Peace Settlement; League of Nations	
		c) The Russian Revolution - Causes and	
		Consequences	
-		Unit-IV. Economic Transformation in	
		Maharashtra	
TVD A C 4		a) Economic Exploitation	
1 YBA 5-4		b) Revenue (Rayatwari system)	
		c) Commercialization of Agriculture.	
		d) Economic Thought –Brief Survey	
		Unit-IV: Chhatrapati Sambhaji	
_		Maharaj to the Maratha War of	
		Independence.	
CVDACC			
SYBA G-2		a) Chhatrapati Sambhaji Maharaj:	
SYBA G-2		a) Chhatrapati Sambhaji Maharaj: Consolidation of power, Relations with	
	FYBA	FYBA SYBA S-2	b) Mathura Style c) Temples C Unit IV: Emergence of the Mahajanpadas and the Age of the Mauryas (a) The Mahajanpadas, Rise and Growth of the Magadhan Empire (b) The Age of the Mauryas: Chandragupta, Ashoka and his policy of Dhamma (c) The Mauryan Administration, Economy, Decline and Significance SYBA S-2 Unit IV. World War I and Rise of Communism a) World War I - Causes and Consequences b) Paris Peace Settlement; League of Nations c) The Russian Revolution - Causes and Consequences Unit-IV. Economic Transformation in Maharashtra a) Economic Exploitation b) Revenue (Rayatwari system) c) Commercialization of Agriculture. d) Economic Thought -Brief Survey Unit-IV: Chhatrapati Sambhaji Maharaj to the Maratha War of

	b) Chhatrapati Rajaram Maharaj, Maharani	
	Tarabai and Mughals	
	c) Santaji Ghorpade, Dhanaji Jadhav and	
	Ramchandrapant Amatya	
	Unit IV Chalukyas, Cholas, Pratihars,	
	Pals and Rashtrakuta Times	
SYBA SEC	a) Rock-Cut Architecture: Ajanta, Ellora	
	b) Temple Architecture: Nagar Style, Dravid	
	Style.	

Signature of faculty

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DEPARTMENT OF HISTORY
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Head, Dept. of History

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TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: MR. S.M.GADE

CLASS AND SUBJECT:

- 1. FYBA Early India: Post Mauryan Age to the Rashtrakutas (12172)
- 2. SYBA Glimpses of the Modern World Part II (24172)
- 3. SYBA History of the Marathas: (1707-1818) (24174)
- 4. SYBA Medieval Indian Arts and Architecture (1206 To 1857)

5. TYBA - History of Maharashtra in the 20th Century

Month	Class	DIV	Topics to be taught	Remark
			Early India: Post Mauryan Age to the Rashtrakutas	
	- 1	В	Unit I: Central Asian Contacts and the Age of the Shung-Satvahanas	
	FYBA		a) The Indo-Greeks, The Shakas, The Parthians, The Kushanas: Economy, Society,	5
			Religion and Culture (b) The Age of Shung-Satvahanas: Polity and Administration, Society, Economy, Culture	
January 2024	SYBA S-2		Glimpses of the Modern World - Part II	
			Unit I. Nationalist Movements in Asia	
			and Africa	
			a) Dr. Sun-Yet-Sen	
			b) Mahatma Gandhi (Non-Cooperation Movement, Civil Disobedience Movement, Quit India Movement) c) Dr. Nelson Mandela	-
			Unit I. Thoughts and work of	
	TYBA S-4		Intellectuals a) Pandita Ramabai b) Rajarshri Chhatrapati Shahu Maharaj c) Maharahi Vitthal Pamii Shinda	
	1.5		c) Maharshi Vitthal Ramji Shinde d) Maharshi Dhondo Keshav Karve	

			e) Maharaja Sayajirao Gaikwad.	
			f) Dr. Babasaheb Ambedkar	
			g) Karmaveer Bhaurao Patil	
	SYBA G-2		History of the Marathas: (1707- 1818) Unit-I: Consolidation and Expansion of the Maratha Power a) Conflict between Maharani Tarabai and Chhatrapati Shahu Maharaj b) Rise of the Peshwas: Balaji Vishwanath- Chauthai and Sardeshmukhi	
HI III			c) Peshwa Bajirao I: South and North	
	- 1		Expedition Expedition	
	SYBA SEC		Medieval Indian Arts and Architecture (1206 To 1857) Unit I Sultanate Art & Architecture a) Arcuate Technique (Arches domes) b) Qubbat-ul-Islam Mosque c) Tomb of Iltumish d) Qutbminar e) Alai Darwaza	
	-		Unit II: Early History of South India	-
	FYBA	В	(a) Period of Sangam Literature –Society and Culture, early polities (b) Economy: Towns, Trade and Crafts	
	SYBA S-2		Unit II. Rise of Dictatorship	
February 2024	,		a) Italy - Mussolini	
			b) Germany – Hitler	
			c) Turkestan - Kemal Pasha	
	1.1		d) Militarism in Japan	
	SYBA G-2		Unit-II: Strengthening of the Maratha Power a) Peshwa Balaji Bajirao (Nanasaheb) b) Third Battle of Panipat: Causes and Consequences c) Causes of the defeat of the Marathas	-
ja.			Unit II. Industrial and Economic	
	TYBA S-4		Development of Maharashtra	
			a) Industrialization and Urbanization	

			b) Cotton and Sugar Industry	
			c) Co-operative Movement -Brief survey Bangladesh	
			Unit II Deccan Art & Architecture	
	SYBA SEC		a) Bahamani	
			b) Vijaynagar (Hampi)	
-			Unit III: North India: Gupta and Harshvardhan	
	_	В	(a) The Gupta Empire – Brief Political	
	FYBA		History, Administration, Society, Trade,	
	FIDA		Science and Technology	
			(b) Harshvardhan: Administration, Religion,	
			Education	
March 2024	SYBA S-2		Unit III. World War II and the Rise of World Power	
			a) World War II - Causes and Consequences	
			b) United Nations Organization - Structure and Functions	
			c) The Rise of the World Powers – U.S.A. and U.S.S.R.	
			Unit-III: Post Panipat Revival and	
		_	Downfall	
	SYBA G-2		a) Peshwa Madhavrao I	
			b) Barbhai Council: Role of Mahadji Shinde	
			and Nana Phadanvis	
		_	c) Downfall of Maratha Power	
			Unit III. Movements in 20th Century	
,			Maharashtra	-
	TYBA S-4		a) Workers Movement	
	11DA 3-4		b) Peasants Movement	
			c) Dalit Movement	
			d) Non-Brahmin Movement	
	4			

		Unit III Sur Art & Architecture 03	
	SYBA SEC	a) Qila-i-Kuhna Mosque	
		b) Tombs (Hasan Sur and Sher Shah)	
. 1		Unit IV: Regional Kingdoms: A Brief History	
	-	B (a) The Chalukyas, Pallavas, Pandya -	
		Struggle for Supremacy over Peninsular	
	FYBA	India	
		(b) Rashtrakutas, Palas, Parmaras- Tripartite	
		Struggle	
April		(c) Literature, Religion, Art and Architecture	
2024	SYBA S-2	Unit IV. Cold War and Third World	
		a) Cold War: Causes, Nature and Course	
		b) Third World: Non-Alignment Movement	
		c) End of the Cold War and Disintegration of U.S.S.R.	
		Unit-IV: Administration and Society	
		during Peshwa Period	
	SYBA G-2	a) Maratha Confederacy	
		b) Economic Condition	
		c) Society: Caste System and Position of Women	
. 75.		Unit IV. Integration and	
		Reorganization of Maharashtra	
		Reorganization of Ivianarasiitia	
	TYBA S-4	a) Marathawada Mukti Sangram	
		b) Sanyukta Maharashtra Movement	
		c) Maharashtra-Karnataka Border Dispute	

Signature of faculty

G.M.D. Arts, B.W. Commerce And Science College, Sinnar Head, Dept. of History

G.M.D.Arts, B.W.Commerce and Science College, Sinnar, Dist. Nashik

Principal

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of Psychology

TEACHING PLAN (20%3-24)

TERM-I

Name of Teacher: Smt.Nivedita Laxman Arsule

CLASS AND SUBJECT:

1. FYBA- DSC-PSY- 1A: Foundations of Psychology

2. SYBA - SEC- 1A: HEALTH PSYCHOLOGY

Month	Class	DIV	Topics to be taught	Remark
Aug. 2023	FYBA G1	A	Unit 1: Psychology -Introduct, a: 1.1 Psychology: a Science, goal of psychology 1.2 The brief history & perspective of Psychology: (Structuralism, Functionalism, Gestalt, Psychoanalysis, Behaviorism) 1.3 Career Avenues in Psychology & Fields of Psychology: (Clinical, Industrial & Organizational, Educational, Social, Developmental, Health, Criminal & Forensic, Military, Sports, Neuropsychology, Environmental, Positive, Spiritual and Women & Child psychology.) 1.4 The Indian Psychology: Past and present 1.5 Application: Understanding Psychology Psychology	
	SYBA G2		Unit-I: An Introduction to Health Psychology 1- Health Psychology – Definitions, Nature, Aims 2- Biopsychosocial Model of Health 3- Psychology's Role in Health - Problems in the HealthCare System, "The Person" in Health and Illness, How the Role of Psychology Emerged and Progress in Health Psychology's Goals. 4- Application: The Need of Health Psychology- Changing Patterns of Illness, Expanded Health Care Services, Increased Medical Acceptance	
September 2023	FYBA G1	A	Unit 2: Cognitive processes: 2.1 Sensation, Attention and Perception, nature of perception, laws of perceptual organization 2.2 Learning- Classical and Operant conditioning, observational learning 2.3 Memory-processes, information processing model(s) 2.4 Forgetting: Theories of forgetting 2.5 Application: Techniques for improving memory.	
	SYBA G2		Unit-II: Stress and Coping 1- Stress – Definitions, Nature & Types 2- Sources of Stress - (Sources within the Person, Sources in the Family & Sources in the Community and Society) 3- Assponding to Stress (Physiological, Emotional & Behavioural Response) 4- Coping Behaviour – Problem Focused Coping	

		A Unit 3: Motivation and Emotion:	
	FYBA G1	3.1 Motivation: Definition, Concept of Homeostasis & Maslow's Hierarchy of Motivation 3.2 Types of Motivation: Physiological, Psychological & Social 3.3 Motivational Conflicts: Intra-Conflicts & Inter-Conflicts 3.4 Emotion: Definitions, Nature & Importance, Basic Emotions (Joy, Excitement, Tenderness, Sadness, Anger, Fear & Love) 3.5 Application: Conflict Resolving Skills	
October 2023	SYBA G2	Unit-III: Chronic Health Problems and Its Management 1- Personal Issues in Chronic Health Disorders - The Physical Self, Achieving Self, Social Self & Private Self 2- Emotional Responses to Chronic Health Disorders — Denial, Anxiety & Depression 3- Major Chronic Health Problems- Heart Disease, Hypertension, Stroke, Cancer, Type II Diabetes & AIDS 4- Application: Psychological Interventions for Chronic Health Disorders	
November	FYBA G1	A Unit 4: Personality and Intelligence: 4.1 Personality – Definitions, Nature 4.2 Personality as a set of traits: Cattell's, Allport's & Big Five Theory of Personality 4.3 Freud's Psychoanalytical Theory of Personality and Transactional Analysis 4.4 Intelligence: Definitions, Theories of Intelligence (Gardner's Theory, Cattell's Theory of Intelligence) 4.5 Applications: Testing and enhancing Emotional intelligence.	
2023	SYBA G2	Unit-IV: Primary Prevention & Health Promotion 1- Quality of life and Health Behaviour - Changing Health Habits & Health Beliefs (Attitude change & Placebo Effect) 2- Health Compromising Behaviours (Characteristics) - Obesity, Smoking & Drinking. 3- Developmental, Gender, and Sociocultural Factors in Health - Development and Health, Gender and Health, Sociocultural Factors and Health 4- Health Promoting Behaviours - Diet, Exercise, Sleep, Rest, Vaccination and Screening, Accident prevention	

Signature of faculty

(Smt. Assyle N.C)

Head, Dept. of Psychology

HEAD

EPARTMENT OF PSYCHOLOGY
G.M.D. Arts, B.W. Commerce and
Science College, Sinnar, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Psychology

TEACHING PLAN (2023-24)

TERM- II

Name of Teacher: Smt.Nivedita Laxman Arsule

CLASS AND SUBJECT:

1. FYBA- DSC-PSY- 1B: Introduction To Social Psychology

2. SYBA - SEC- 1B: Positive Psychology

Month	Class	DIV	Topics to be taught	Remark
December	FYBA G1	A	Unit 1: Introduction: 1.1 Definition, Brief history of social psychology (special emphasis on India), 1.2 Scope of social psychology 1.3 Levels of social behaviour 1.4 Approaches towards understanding social behaviour 1.5 Application: Community mental health	
2023	SYBA G2		Unit-I: Meaning, Definition and Nature of Positive Psychology (12) 1. Definitions and Nature of Positive Psychology. 2. Traditional Psychology, Assumptions and Goals of Positive Psychology. 3. Fields of Positive Psychology. 4. The Nun study: Living longer with positive emotions.	
January 2024	FYBA G1	A	Unit- 2.Individual Level Processes 2.1 Difference between Social Cognition & Social Perception. 2.2 Self –Concept: Nature, Self-regulation and self-presentation. 2.3 Attitude: Definition, components, Dimensions and formation of attitude 2.4 Prejudice: Causes. 2.5 Application: Formation of attitude and Prejudice eradication	
2024	SYBA G2		Unit-II: Happiness and the Facts of Life (11) 1. Psychology of well-being. Positive affect and Meaningful Life 2. Subjective Well-being: Hedonic basis of happiness. 3. Self-Realization: The Eudaimonic basis of happiness 4. Happiness Across the Life Span, Gender and happiness, Marriage and happiness, other facts of life.	
February 2024	FYBA G1 SYBA G2	A	Unit 3: Interpersonal processes: 3.1 Interpersonal attraction, love 3.2 Pro-social behaviour 3.3 Locus of control, increasing our helping nature. 3.4 Aggression: Meaning, Nature and causes of Aggression 3.5 Application: Prevention and reducing aggression Unit-III: Positive Emotions, Wellbeing and Resilience (11) 1. What are positive emotions? The Broaden and Build Theory of Positive Emotions. 2. Positive Emotions and Health Resources:	

			emotions & well-being, Flow experiences and Savoring. 4. What is resilience? Perspectives of Resilience, Resilience Research, Growth through Trauma	
March	FYBA G1	A	Unit- 4.Group Dynamics 4.1 Groups: When we join and when we leave, The benefits of joining 4.2 Cooperation and Conflict 4.3 Conformity; Factors affecting Conformity, Obedience & Authority 4.4 Group decision making 4.5 Application: Team Building	
2024	SYBA G2		Unit-IV: Personal Goals, Positive Traits and Life above Zero. (11) 1. What are personal goals? The Search for Universal Human Motives, Materialism and its discontents. 2. What makes a trait positive? Personality, Emotions and Biology. 3. Positive beliefs, Virtue and Strengths of Character. 4. Logotherapy: Basic concepts, Contours of positive life: Meaning and Means, Mindfulness and Well-being	

Head, Dept. of Psychology

Principal PRINCIPAL

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Science College, Sinnar, Dist. Nashik

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G.M.D. Arts, B.W. Commerce and Science College Sinnar Dist- Nashik Department of Marathi

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: DR. DATTATRAY BALASAHEB WELJALI

- 1. FYBA- Marathi Sahity: Katha ani Bhashik Kaushalyvikas
- 2. SYBA- Sahityvichar
- 3. SYBA- MIL
- 4. TYBA- Bhashik Kaushalyvikas ani Marathi Sahityprakar: Pravasvarnan
- 5. MA II- Loksahityachi Multatwe ani Marathi Loksahity

Month	Class	DIV	Topics to be taught	Remark
	FYBA	A	Katha: Swarup, Ghatak, Prakar, Vatchal	
	SYBA (S 2)		Sahityache Swarup ani Prayojan	
Saptembar 2023	SYBA (MIL)	В	Bhasha ani Vyaktimatva Vikas	
2023	TYBA G 3		Mudrit Madhyamansathi Lekhankaushalye	
	MA II		Loksahity : Swarup, Vyapti	
	FYBA	A	Samkalin Marathi Katha 1 to 5	
	SYBA (S 2)	-	Sahityachi Nirmiti prakriya	
October	SYBA (MIL)	В	Loksahityatil Jivanvyavhar	
2023	TYBA G 3		Prawasvarnan : Swarup Vatchal, Prerana, Vaishishtye	
1 1	MA II		Loksahityacha Abhyas	
	FYBA	A	Samkalin Marathi Katha 6 to 10	
	SYBA (S 2)		Sahityachi Samajikata	
N	SYBA (MIL)	В	Loksahityatil Prasarmadhyame	
November 2023	TYBA G 3		Pravasvarnan : Tin Mulanche Char Divasd	
	MA II		Loksahity V Lokjivan	

!	FYBA	A	Bhashik Kaushalyvikas	
	SYBA (S 2)		Sahityachi Bhasha	
	SYBA (MIL)	В	Prasarmadhyamansathi Lekhan	
December 2023	TYBA G 3		Pravasvarnan : Tin Mulanche Char Divasd	
	MA II		Loksahity V Granthik Sahity Sambandh	

Zaglonial Signature of faculty

Head, Depte of Marathi

DEPARTMENT OF MARATHI G.M.D. Arts, B.W. Commerce And Science College, Sinnar

Principal

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G.M.D. Arts, B.W. Commerce and Science College Singar Park Nashik Department of Marathi

TEACHING PLAN (2023-2024) TERM- II

Name of Teacher: Dr. DATTATRAY BALASAHEB WELJALI

- 1. FYBA- Marathi Sahity: Ekankika ani Bhashik Kaushalyvikas
- 2. SYBA- Sahitysamiksha
- 3. SYBA- MIL
- 4. TYBA- Bhashik Kaushalyvikas ani Marathi Sahityprakar : Kavita
- 5. MA II- Loksahityachi Multatwe ani Marathi Loksahity

Month	Class	DIV	Topics to be taught	Remark
	FYBA	A	 Natak, Ekankika: Swarup. Ghatak, Sahitymuly ani Prayojanmuly, Vatchal 	
January	SYBA (S 2)		Samiksha Swarup Sanklpana	
2024	SYBA (MIL)	В	Bhasha ani Jivanvyavahar	
,	TYBA G 3		Bhashik Kaushakyvikas Swarup	
	MA II		 Marathitil Loksahityache Swarup, Lokgit 	
	FYBA	A	Ekankika : Vitthal To Ala Ala	
	SYBA (S 2)		Sahity Ani Samiksha	
February	SYBA (MIL)	В	Navmadhyamanche Swarup- Blog, Twitter, Website	
2024	TYBA G 3	-	Bhasha ani Shasanvyavhar	
	MA II		Lokkatha Prerana V Swarup, Vishesi	1
	FYBA	A	Ekankika : Handabhar Chandanya	
	SYBA (S 2)		. • Samikshakache Gunvishesh	
March 2024	SYBA (MIL)	В	Prasarmadhyamanche Swarup	
	TYBA G 3		Kavita Ani Swarup, Vatchal, Prerana Vatchal	,
	MA II	- 15	Lokkatha Vishesh	

	FYBA	A	Bhasha Upyojanatil vividh Aavishkarrupe	
	SYBA (S 2)		Samikshakane Palavayachi Patthe	
April	SYBA (MIL)	В	Vyavsayik Patrvyavhar	
2024	TYBA G 3		Rup : Kaviteche	
	MA II	-	Marathi Loksahty Abhyasakanchi Parmpara	

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DEPARTMENT OF MARATHI G.M.D. Arts, B.W. Commerce And Science College, Sinnar Principal
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Marathi

TEACHING PLAN (2023-2024)

TERM- I

Name of TeacherA: - Prof. S.R Sumbe

- 1. FYBA- Marathi Sahity: Katha ani Bhashik Kaushalyvikas
- 2. MA-1- Etihasik Bhasha Vidnyan
- 3. MA-1-Dalit Sahity
- 4. MA-2- Sahity Samiksha
- 5. MA -2- Arvachin SahityKruticha Abhyas

Month	Class	DIV	Topics to be taught	Remark
	FYBA	В	Katha : Swarup, Ghatak, Prakar, Vatchal	
	MA-1-		. • 1. Etihasik Bhasha vidnyan vividh upayojan	
Saptembar 2022	MA-1-		1.Sathottri Sahityache Svrup Ani gramin Sahity	1
	MA-2-		1.Samiksha : Swarup, Sanklpana3.Samikshakache Svarup	
	MA -2		1.Sri Purudh Tulana -Tarabai Shinde	
	FYBA	В	Samkalin Marathi Katha 1 to 5	
	MA-1-		Sahityachi Nirmiti prakriya	
	MA-1-	85	•	
October 2022	MA-2-		 2.Sahity ani Samiksha Yanche Parspar Sambandh 	
	MA -2		2.Shetji Pratap -Mukundrao Patil	
	FYBA	В	Samkalin Marathi Katha 6 to 10	
November	MA-1-	-	. Etihasik Bhsha Vidnyan Ani Bahirvrtul	We to the
November 2022	MA-1-		• 2.Graminsahity Ani Samaj Sahsnbndh	
2022	MA-2-		Pravasvarnan : Tin Mulanche Char	

			Divasd	
To the state of th	MA -2	-	Loksahity V Lokjivan	
egy (guillonderstar)	FYBA	В	Samkalin Marathi Katha - 10 Vyavharik Marathi	
-	MA-1-	-	. Eytihasik Bhasha Svarup Vyavstha	
December	MA-1-		3 .Gramin Sahityachi Vatchal Sthul Abhys .	
2022	MA-2-	7 3 4	Samikshakache Gun v Palavayachi Pathhe	
	MA -2		Shetji Pratap - Mukundrao Patil	

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G.M.D. Arts, B.W. Commerce and Science College Sinnal Department of Marathi



TEACHING PLAN (2023-2024) TERM- II

Name of TeacherA: - Prof. S.R.Sumbe

- 1. FYBA- Marathi Sahity: Katha ani Bhashik Kaushalyvikas
- 2. MA-1- Etihasik Bhasha Vidnyan
- 3. MA-1-Dalit Sahity
- 4. MA-2- Sahity Samiksha
- 5. MA -2- Arvachin SahityKruticha Abhyas

Month	Class	DIV	Topics to be taught	Remark
	FYBA	В	Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly	
	MA-1-	-	Samaajbhasha vidnyan vividh upayojan	
January 2024	MA-1-		Dalit Sahityache Svrup Ani Dalit Sahity	
	MA-2-		Sanshodhn Sanklpna	
	MA -2	A	Amerika - Pravas varnan - Anil Avcht	
	FYBA	В	Marathi Ekankika Vatchal	
	MA-1-		. Bhasha Ani Sanskruti Parspar Sabandh	
February	MA-1-	198	Dr.Babsaheb Anbedkar Ani Samaj Prerna	
2024	MA-2-	-	2. Sahity sanshodhnachi Abhyas Kshetrye	
	MA -2		Sahity krutichi Olkh	
	FYBA	В	Vithhal to Ala Ala - P. L Deshpande	
March 2024	MA-1-		Bhasha Svarup Vyavstha	
#U#1	MA-1-		Dalit Sahityachi Vatchal Sthul	

	MA-2-		Antervidya shakhiy Sanshodhn	
	MA -2		Dive Gelele Divas -Rangnath Pathare.	
	FYBA	В	2. Handabhar Chandnya - Datta Patil	
	MA-1-	1-1-2	.Vividh Navavyavstha -Badlti Bhasha Ani Bhasha rupe	
April	MA-1-		. Dalit Sahity Svarup Chikitstha Ani Vyapti	
2024	MA-2-	1-01-	Antervidya shakhiy Sanshodhn Sanshodhn Paddhti Arakhada	
	MA -2		Vat Tudavatana - Uttam Kanmble Sahitykrutichi Olkh	

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DEPARTMENT OF MARATHI G.M.D. Arts, B.W. Commerce And Science College, Sinnar Principal

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Distribushik Department of Marathi

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR. BAPU U. PAWAR

- 1. FY Bcom- Bhasha Sathya Ani Kaushalyvikas
- 2. SYBA (S1)- Nivdak Madhugin Gadhya Padhya
- 3. SYBA(G2)- Bhashik Kaushalyvikas ani Marathi Sahityprakar:Lalitgadhya
- 4. MA1-Bhasha Vhavar Ani Bhishik Kaushlay Bhag -2
- 5. MA II- Prasarmadhminsathi Lakhenkaushlya Bhag -2

Month	Class	DIV	Topics to be taught	Remark
	FYBCOM	A	Nibandh Lekhan - Vaicharik, Varnnatmak	
	SYBA (S 1)		Atmachirta Sankalpana	
Saptembar 2023	SYBA (G2)	В	Sangnak Ani Mobilever Unicode Madhun Marathi Mudran	
	MA1	1	Marathichya Pramanbhashe Lakhen va Mudrtishodhan	
	MA II		Prasarmadhame Ani Bhashavavhar	
	FYBCOM	A	Nibandh Lekhan - VanijyvishayakPustak - Utkarshvata	
	SYBA (S 1)		Atmacharata Swarup ,Prerna Vtchal,Vegalepan	
October 2023	SYBA (G2)	В	 Sangnak Ani Mobilever Unicode Madhun Marathi Mudran 	
2023	MA		Vadgamain Vahavar va Prakshan Vavhar	7
	MA II	-	Mudrit Mamnsathi Lakhen	
	FYBCOM	A	Patpustak:Utkarshvata	
November 2023	SYBA (S 1)	-	Patpustak-Prakashvata: Dr Prakashvata	

	SYBA (G2)	В	Kadambari:Prakar Ani Vatchal
	MA1		Mulkat Swarap Tantra Va KAushlay
	MA II		Nabhovani Madhaminasathi Lakhen
v v	FYBCOM	A	Patpustak:Utkarshvata
	SYBA (S 1)	-	Patpustak-Prakashvata: Dr Prakashvata
December 2023	SYBA (G2)	В	Abhaspustak: Rarnrangdhang Pabdhaker Pandarker
2023	MA1		Duirchtrawani Madhimnsathi Lakhen
	MA II	1	Loksahity V Granthik Sahity Sambandh

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Marathi

TEACHING PLAN (2023-2024) TERM- II

Name of Teacher: MR. BAPU U. PAWER

- 1. FY Bcom- Bhasha Sathya Ani Kaushalyvikas
- 2. SYBA (S1)- Nivdak Madhugin Gadhya Padhya
- 3. SYBA(G2)- Bhashik Kaushalyvikas ani Marathi Sahityprakar:Lalitgadhya
- 4. MA1-Bhasha Vhavar Ani Bhishik Kaushlay Bhag -2
- 5. MA II- Prasarmadhminsathi Lakhenkaushlya Bhag -2

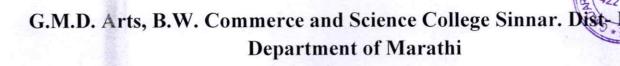
Month	Class	DIV	Topics to be taught	Remark
	F Y B COM	A	Nibandh Lekhan - Vaicharik, Varnnatmak	
	SYBA (S1)		Atmachirate Charata	
January 2024	SYBA (G2)	В	Sangnak Ani Mobilver Unikodemadhin Marathi Mudran	
	MA1		Bashantar Va Anuvadlakhen	
	MA II		Mahatipatansati Lakhen	
21 1	FYBA	A	Ekankika : Vitthal To Ala Ala	
	SYBA (S 2)		Sahity Ani Samiksha	
February 2024	SYBA (MIL)	В	Navmadhyamanche Swarup- Blog, Twitter, Website	
2024	MA1		Nivaden kaushlay	
	MA II		Chitpasansathi Lakhen	
	FYBA	A	Ekankika : Handabhar Chandanya	
	SYBA (S 2)		Samikshakache Gunvishesh	1.45
March	SYBA (MIL)	В	Prasarmadhyamanche Swarup	
2024	MA1		Jansampraka Sankalapna Va Swarap	
	MA II		Likhit Swarapachya Navsamajmadhimansathi Lakhen	
	FYBA	A	• Bhasha Upyojanatil vividh	

April 2024	0 - 0 - c		Aavishkarrupe	
	SYBA (S 2)		Samikshakane Palavayachi Patthe	
	SYBA (MIL)	В	Vyavsayik Patrvyavhar	
	MA1		Praklpalakhen Swarap Characha	
	MA II		Druak Shrava Swarapcha Navsamajnsathi Lakhen	

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DEPARTMENT OF MARATHI
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TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR. VIKRAM. M. HARAK

CLASS AND SUBJECT:

1. FYBA- Marathi Sahity: Katha ani Bhashik Kaushalyvikas

2. SYBA- Bhashik Kaushalyvikas animarathi sahayata praker kadambhari

3. SYBA- MIL

4. TYBA- madhaugin marathi vadmayacha sthil eyathis

5. F Y B.com--bhasha ani kaushalyavikas

Month	Class	DIV	Topics to be taught	Remark
Saptembar	FYBA	С	Katha : Swarup, Ghatak, Prakar, Vatchal	
	SYBA (G 2)	A	Sangnak Ani Mobilever Unicode Madhun Marathi Mudran	
	SYBA (MIL)	A	Bhasha ani Vyaktimatva Vikas	
2023	TYBA S 3		 Vadmayathis Sanklpana Ani Marathi Bhasha 	
	F Y B COM	С	Nibandh Lekhan - Vaicharik, Varnnatmak	
	FYBA	С	Samkalin Marathi Katha 1 to 5	
	SYBA (G2)	A	Kadambari Swrap Ani Gatak	
0.11	SYBA (MIL)	A	Loksahityatil Jivanvyavhar	Ell-Mark
October 2023	TYBA S 3		Yadavkal Ani Bhamanikalatil Vadmaynirmiti	
	F Y B COM	С	Nibandh Lekhan - VanijyvishayakPustak - Utkarshvata	
	FYBA	С	Samkalin Marathi Katha 6 to 10	
	SYBA (G 2)	A	Kadambari:Prakar Ani Vatchal	
November	SYBA (MIL)	A	Loksahityatil Prasarmadhyame	
2023	TYBA S 3		Mahanubhav Vadamay	The section of
	F Y B COM	C	Patpustak:Utkarshvata	
	FYBA	C	Bhashik Kaushalyvikas	
	SYBA (G 2)	A	Abhaspustak: Rarnrangdhang-	

December		Telef	Prabhaker Pabdhaker Pandarker	
2023	SYBA (MIL)	A	Prasarmadhyamansathi Lekhan	
	TYBA S 3	-	Sansdonper Praklpa	
	F Y B COM	C	Patpustak:Utkarshvata	

Head, Dept. of Marathi HEAD

DEPARTMENT OF MARATHI G.M.D. Arts, B.W. Commerce And Science College, Sinnar

Principal
Principal
G M. D Arts, B W. Commerce and
Science Cellege, Sinnar Dist.Nashik

G.M.D. Arts, B.W. Commerce and Science College Sirvar. Department of Marathi

TEACHING PLAN (2023-2024) TERM- II

Nashik

Name of Teacher: MR VIKRAM. M. HARAK

- 1. FYBA Marathi Sahity : Ekankika ani Bhashik Kaushalyvikas
- 2. FYBCOM-Bhasha Sahyatya Ani Kaushalyvikas
- 3. SYBA(G2) Bhashik Kaushalyvikas ani Marathi Sahityprakar:Lalitgadhya
- 4. SYBA- MIL
- 5. TYBA(S3)- Madyhugin Marathi Vadmaycha Sthul Etyahis

Month	Class	DIV	Topics to be taught	Remark
	FYBA	C	Natak, Ekankika : Swarup. Ghatak, Sahitymuly ani Prayojanmuly, Vatchal	
January	SYBA (G2)		Google Sadhanincha Adhanitil Vper	
2024	SYBA (MIL)	В	Bhasha ani Jivanvyavahar	
	TYBA(S3)		Shivkal Ani PAshavkalitil Vadmaynirimiti	
	F Y B COM		Arjava Patralekhan	
1	FYBA	С	Ekankika : Vitthal To Ala Ala	
12	SYBA (SG2)		Lalit GAdhya Swarap Ani Gatal	
February	SYBA (MIL)	A	Navmadhyamanche Swarup- Blog, Twitter, Website	
2024	TYBA S 3		Pandit Ani Sharinchi Vadamiynirmiti	
	F Y B COM		Prashasanik Marathi	
	FYBA	С	Ekankika : Handabhar Chandanya	
	SYBA (G 2)		Lalit Gadhya Prakar Ani Vachal	
March	SYBA (MIL)	A	Prasarmadhyamanche Swarup	
2024	TYBA S 3		Bhaker Ani Gadhya Vadmaynirmiti	
	F Y B COM	С	Pragat Bhashik Kaushalye	
	FYBA	С	Bhasha Upyojanatil vividh Aavishkarrupe	4
	SYBA (G 2)		Abhaypustak- Sathyrang	

	SYBA (MIL)	A	Vyavsayik Patrvyavhar	
April	TYBA S 3		Sashondaper Praklpa	
2024	F Y B COM	С	Jahirat Lekhan	

Head, Dept of Marathi

DEPARTMENT OF MARATHI G.M.D. Arts, B.W. Commerce And Science College, Sinnar Principal
G M. D Arts, B. W. Commerce and
Science College, Sinnar Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Marathi

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: Dr. D.N. Shinde

- 1. FYBCom Bhasha, Sahity ani Kaushalyvikas
- 2. SYBA Prakashnvyvhar ani Sampadan SEC
- 3. TYBA- Varnnatmak Bhashavidyan bhag 1 S4
- 4. TYBA- Karyakram Sanyojanatil Bhashik Kaushlye vikas Bhag 1 SEC
- 5. SYBSc Upyojit Marathi
- 6. MAI Marathi Sahityacha Itihas 1818 1920

Month	Class	DIV	Topics to be taught	Remark
Saptembar 2023	FYBCom	В	Nibandh Lekhan - Vaicharik, Varnnatmak	
	SYBA (SEC)		• Prakashnsanstha - swarup, karypranali	
	TYBA (S-4)	1912-	Bhasha - Svarup, Vaishishtye, Kary	
	TYBA (SEC)		Karyakramanche Svarup, Prakar	
	SYBSc - Marathi		Bhasha ani Jivanvyavhar	- Himail
	MA I		Sahityetihas - Svarupmimansa	
	FYBCom	В	Nibandh Lekhan - Vanijyvishayak Pustak - Utkarshvata	
	SYBA (SEC)	-	Granthanirmiti Prakriya	
October	TYBA (S-4)		Svanvichar	
2023	TYBA (SEC)		Karyakram Sanyojanatil Vividh Ghatak	
	SYBSc - Marathi		• • arja Lekhan	
	MA I		Avval Ingraji Klakhyandatil Sahity- Prerna, Pravrutti	
November 2023	FYBCom	В	Utkarshvata	
	SYBA (SEC)		Mudritshodhan - Niyam,	
	TYBA (S-4)		Svanimvichar	
2025	TYBA (SEC)	A	Karyakram Sanyojanatil Bhashik	

	#10000000000000000000000000000000000000		Kaushlye
	SYBSc - Marathi		Prasarmadhymansathi Lekhan
	MA I		1818 - 1874 Kalatil sahitya - Prerna, pravrutti, Swarup
	FYBCom	В	Utkarshvata
	SYBA (SEC)		Mudritshodhan chinhe
	TYBA (S-4)	I	Project, Field Visit
December 2023	TYBA (SEC)		Karyakram Sanyojanatil Bhashik Kaushlye
1,343	SYBSc - Marathi	-	Prasarmadhymansathi Lekhan
	MA I		1874 - 1920 Kalatil sahitya - Prerna, Pravrutti, Swarup

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G.M.D. Arts, B.W. Commerce and Science College Sinnar Dist-Machille Department of Marathi

TEACHING PLAN (2023-2024) TERM- II

Name of Teacher: DR. D. N. SHINDE

- 1. FYBCom Bhasha ani Kaushalyvikas
- 2. SYBA Upyojit Lekhankaushalye SEC
- 3. TYBA- Varnnatmak Bhashavidyan bhag 2 S 4
- 4. TYBA- Karyakram Sanyojanatil Bhashik Kaushlye vikas Bhag 2 SEC
- 5. SYBSc Marathi Sahitya
- 6. MAI Marathi Sahityacha Itihas 1920-2010

Month	Class	DIV	. Topics to be taught	Remark
	FYBCom	В	Arja va Patralekhan	
	SYBA (SEC)		Jahirat lekhan	
January	TYBA (S-4)		Rupimvichar	
2024	TYBA (SEC)	-	Karyakram Sanyojanatil lekhan Kaushlye	
	SYBSc - Marathi	,	Nibandh Lekhan	
	MA I	14.7	1920-1945 Kalatil sahitya - Prerna, pravrutti, Swarup	
	FYBCom	В	Prashasanik Marathi	
	SYBA (SEC)		Mulakhat lekhan	
	TYBA (S-4)		Vakyvichar	
February 2024	TYBA (SEC)	1	nimantranpatrika, karyakrampatrika lekhan	
	SYBSc - Marathi		Marathi Katha Darshan	
	MA I		1945-1960 Kalatil sahitya - Prerna, pravrutti, Swarup	
	FYBCom	В	Pragat Bhashik Kaushalye	
	SYBA (SEC)	77-4	Mahitipar Nondi	
March 2024	TYBA (S-4)		ArthVichar	7.5
	TYBA (SEC)		Batmi va Ahaval lekhan	
	SYBSc - Marathi		Marathi Katha Darshan	
	MA I	-	1960 - 1990 Kalatil sahitya - Prerna, pravrutti, Swarup	

	FYBCom	В	Jahirat Lekhan
	SYBA (SEC)		Mahitipar Nondi
	TYBA (S-4)		Project / Fild Visit
April	TYBA (SEC)	I	Karyakram Sanyojan
2024	SYBSc - Marathi		Marathi Katha Darshan
	MA I		1990 - 2010 Kalatil sahitya - Prerna, pravrutti, Swarup

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G.M.D. Arts, B.W. Commerce and Science College Sinnar, Dist-Nashik Department of Economics

TEACHING PLAN (2023-2024)

TERM- I

Name of Teacher: MR. AMBEKAR RAGHUNATH MURLIDHAR

- 1. FYBA Indian Economic Environment (11151)
- 2. SYBA-Macro Economics-I DSE 2A
- 3. SYBCOM- Business Economics Code: 233
- 4. TYBA Public Finance
- 5. M.A-II -Sem- III- Growth & Development-I EC-3002

Month	Class	DIV	Topics to be taught	Remark
	FYBA	A	Unit 1: Introduction 1.1 Meaning, Factors affecting Economic Environment 1.2 Challenges to Indian Economy 1.3 Comparison of Indian Economy with the World Economy	
	SYBA	ě.	Unit 1 Introduction 1.1 Meaning, Nature and Scope of Macro Economics 1.2 Importance and Limitations of Macro Economics 1.3 The difference between Micro Economics and Macro Economics	
September 2023	SYBCOM .	A	1. Introduction to Macro Economics Meaning and Definition of Macro Economics. 1.2 Nature of Macro Economics. 1.3 Scope of Macro Economics. 1.4 Significance of Macro Economics. 1.5 Limitations of Macro Economics. 1.6 Macro Economic Objectives.	
x = "0" e	ТҮВА		Introduction to Public Finance 1.1 Meaning, Nature, Scope and Importance of Public Finance 1.2 Public Finance versus Private Finance 1.3 Role of Public Finance in Economic Development 1.4 Principle of Maximum Social Advantage: Musgrave's ApproachProductivity, Supply of Credit, Marketing etc.	
*	M.A-II		Principles and Concepts of Growth and Development	

			1.1 Concepts of growth and Development	
			1.2 Measuring Economic Development:	
			Income and Alternative Measures	
			1.3 International Comparison of Incomes:	1.0
		= -	PPP and Exchange Rate Approaches	
į.			1.4 Developing / Emerging Economies –	
A			Concept	
	i		1.5 Barriers to Economic Development	
			Unit 2: Agricultural Environment	
E. V.		A	2.1 Role of Agriculture in Indian Economy	
x 2 * *	FYBA			
			2.2 Challenges to Indian Agriculture	
×			2.3 Recent Trends in Indian Agriculture	
1 12	SYBA		Unit 2 National Income	
			2.1 Meaning and Importance of National	
5 g. 3.			Income	
20 22			2.2 Various Concepts of National Income -	
	1		GDP, GNP, NNP,	
			PCI, Personal Income, Disposable Income	
		10	2.3 Methods of National Income	
			Measurement	
			Difficulties in the Measurement of National	
8			Income	
			2.4 Circular Flow of National Income	
	8	A	2. National Income:	
7	ar ar		2.1 Meaning and Importance of	
1			National Income.	
			2.2 Concepts:	
21			2.2.1 Gross National Product (
October			GNP)	
October			2.2.2 Net National Product (NNP	
2023	CY/DCOV4)	
W	SYBCOM		2.2.3 Gross Domestic Product (
			GDP)	
2			2.2.4 Per Capita Income (PCI)	
			2.2.5 Personal Income (PI)	
			2.2.6 Disposable Income (DI)	10
			2.3 Measurement of National Income:	
			Methods and Difficulties	
*			2.4 Circular Flow of Income: Two	
	6	,	sector model	
			Public Revenue	
		0	2.1 Sources of Public Revenue	
	2.5	H =	2.2 Meaning of Tax, Types of Taxes- Direct	
			Tax and Indirect Tax,	
	Y.		Merits and Demerits	
	TYBA		2.3 Goods and Service Tax: Concept and	
			Characteristics; Need for GST	
1 *			in India	
)		1		
1		-	2.4 Concepts: Impact of Tax Incidence of	
ā 5		1 = = = = = = = = = = = = = = = = = = =	2.4 Concepts: Impact of Tax, Incidence of	
1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			2.4 Concepts: Impact of Tax, Incidence of Tax, Shifting of Tax and Taxable Capacity	

	M.A-II	A	2 Theories of Economic Development and Growth 12 2.1 Classical Theory of Economic Development: Adam Smith 2.2 The Harrod-Domar Model 2.3 Solow model of economic growth 2.4 The Cobb-Douglas Production Function 2.5 The Big push theory 2.6 The New (Endogenous) Growth Theory Unit 3: Industrial Environment 3.1 Role of Industry in Indian Economic	
	FYBA		Development 3.2 Industrial Policy Resolution, 1991 3.3 Challenges to Indian Industry	
0 % 8	SYBA		Unit 3 Theory of Employment and	
			Output 3.1 Classical Theory of Employment, Say's Law of Market. 3.2 Keynes' Criticism on Classical Theory 3.3 Keynesian Theory of Employment – Aggregate Supply Price and Aggregate Demand Price, Employment Determination	
	E **	A	3.Theories of Output and Employment 3.1 The Classical Theory of Employment: J.B.Say	н ,
	0 2		3.2 Keynes Criticism on Classical Theories of Employment. 3.3 Keynesian Theory of Employment.3.6 Voluntary Liquidation of	
November 2023	SYBCOM		Corporate Person (Section 59) 3.7 Fast Track Corporate Insolvency Resolution Process (Section 55, 56, 57) 3.8 Offence and Penalty regarding Corporate	
			(Section 68 to 71) 3.9 Bankruptcy Order for Individual and Partnership Firm (Section 121, 125, 126,128, 138, 139)	
		1 2	 3.10 Offence and Penalties regarding Individual (Section 184 to 187) 3.11 The framework of Insolvency and Bankruptcy Board of India (Section 188, 196) 	* .
	ТҮВА		Public Expenditure 3.1 Meaning and Principles of Public Expenditure 3.2 Classification of Public Expenditure 3.3 Reason for Increasing Public Expenditure	
- 8 8	M.A-II		3.4 Wagner's Law of Public Expenditure 3 Poverty, Inequality and Unemployment 3.1 Measurement of Poverty- Unidimensional & Multi-dimensional, Amartya	

<u> </u>				
H		=	Sen's	
			Approach to Poverty measurement, Rural and	9 * 2
			Urban Poverty, Participatory	
*			Approach to Poverty, Women and Poverty	
r i i			3.2 Measuring Inequality, Lorenz Curve,	
1			Gini Coefficient, Functional Distribution,	
			3.3 Challenge of Unemployment, Disguised	
×			Unemployment and Economic	
x = 11			Development, Concept of Jobless Growth	
			3.1 3.4 Employment and Migration	
	, 1	A	Unit 3: Industrial Environment	
	EVDA		3.4 Micro, Small and Medium Enterprises	* 2
	FYBA	-	(MSME)	
			3.5 Recent trends in Indian Industry- Indian	
÷ (***		9	Multinationals & New Policies	
= ,	SYBA	-	Unit 4 Consumption and Investment 12	
2.12		=	4.1 Consumption Function – Meaning,	
	a 1	V:	Various Concepts - APC,	7 4
		25	MPC, Psychological Law of Consumption,	
		2 2	Factors Influencing	
			Consumption Function	
, ×		τ.	4.2 Saving - APS, MPS.	ū.
	,		Investment – Meaning, Types, Marginal	
			Efficiency of Capital	94C
	A		4.3 The Concept of Multiplier;	
	, n.,	17.0	The Principle of Acceleration	
,		A	4. Consumption, Saving and	
		-	Investment:	54.
,		× ×	4.1 The Consumption Function:	
			4.1.1 Meaning	
December			4.1.2 Marginal Propensity to Consume	
2023			(MPC)	
	*		4.1.3 Keynes's Psychological Law of	
a*	a 1		Consumption.	
			4.1.4 Determinants of Consumption.	
-			4.2 The Saving Function:	
			4.2.1 Meaning,	
	SYBCOM		4.2.2 Marginal Propensity to Save	
			(MPS)	
	1 2		4.2.3 Determinants of Savings	
	* of		4.2.4 Relationship between	
			Consumption and Saving Function	
			(MPC and MPS)	
	-		4.3 Meaning and Types of	
			Investment: Gross, Net, Induced and	
			Autonomous.	
	\$ 1		4.4 Marginal Efficiency of Capital and its Determinants.	
	is .		4.5 Concepts of Investment Multiplier and Acceleration Principal.	
			TABLE ACCERTATION FUNCIDAL	
a 18 21	TYBA		Public Debt	

	 4.1 Meaning, Sources and Importance of Public Debt 4.2 Methods of Repayment of Public Debt 4.3 Burden of Public Debt 4.4 The Fiscal Responsibility and Budget Management Act 2003-Highlights 	
M.A-II	4 Human Capital and Economic Development 4.1 Theory of Demographic Transition 4.2 Human Capital Approach of Development 4.3 Demographic Dividends 4.3 Education, Skill and Wages, Health and Efficiency to Work 4.5 Optimum Population	

Signature of faculty

(Prof. Ambeker R.M.)

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Head, DeptEOD Economics
DEPARTMENT OF ECONOMICS
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar

Principal Principal

G.M.D. Arts, B.W. Commerce and Science College, Sinnar, Dist.Nashik.

G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist- Nashik Department of Economics

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: MR. AMBEKAR RAGHUNATH MURLIDHAR

- 1. FYBA Indian Economic Environment (11151)
- 2. SYBA-Macro Economics- DSE 2B
- 3. SYBCOM- Business Economics-Code: 243
- 4. TYBA Public Finance-II
- 5. M.A-II -Sem- IV- Growth & Development-II (EC-2004)

Month	Class	DIV	Topics to be taught	Remark
	.7		Unit 1 Service Sector Environment:	
	k1 ×		1.1 Role and Growth of Service Sector in	
	FYBA	A	Indian Economy	
			1.2 Challenges to Indian Service sector	
	_	a .	1.3 Recent Trends in Indian Service Sector	2:
	SYBA	A	1.1 Money – Meaning and Functions	
	SIDA	Α.	1.2 Value of Money – Meaning, Quantity	
		. 8	Theory of Money, Cash	
	1		Balance Approach	
		La e	1.3 Supply of Money – Various Measures	
			of RBI	W.
			OI KBI	
			Unit 1 Money:	
			1.1 Meaning and Functions of Money.	
1 40%	**	-	1.2 Demand for Money: 1.2.1 Classical Approach.	
January	E E	^	1.2.1 Classical Approach. 1.2.2 Keynesian Approach.	
2024		Α	1.3 Supply of Money:	
	SYBCOM		1.3.1 Credit Creation of Commercial Banks	
			1.3.2 Money Measure of RBI (M1, M2, M3,	
			M4).	
			1.3.3 Credit Control Methods.	
			1.4 Value of Money:	
	Loss .		1.4.1. Quantity Theory of Money.	
	e a		1.4.2 Cash Balance Approach: Marshall,	
			Pigou, Robertson and	
	_		Fiscal Policy	
			1.1 Fiscal Policy- Meaning, Instruments and	
	TYBA	-	Objectives	
	TIDA		1.2 Fiscal Policy in Developing Countries	
	10		1.3 Limitations of Fiscal Policy	
			1.4 Review of Fiscal Policy in India Since	
			2011	

		×	1. Sectoral Development: An Overview	14 1 5
			1.1 International agreements and Agriculture	
	1		in India	
			1.2 Agriculture Productivity, Agriculture	
			Price Policy, Land Holding and Cropping	
			Pattern	
	M.A-II		1.3 Industrial Production Trends at National	
			and International Level, Role Of MSMEs,	
	4		Government Policies for Industrial	
			Development	
			1.4 Growth of Services Sector in India, ICT	
	[8		and Services sector, International	
			Comparison.	n
=		A	Unit 2 Banking Environment	
		1	2.1 Banking- Definition, Functions,	
	FYBA		2.2 Changing Structure of Banking in India	
			2.3 Bank Accounts 2.4 Recent Trends in	
		2 7		
	SYBA	A	Indian Banking Environment Unit 2 Inflation	ti
	SIBA	A		
			2.1 Inflation – Meaning, Types, Causes – Demand Pull and Cost	
			Push Inflation, Effects	
	C in a		2.2 Measures to Control Inflation	
	A ST	;a	2.3 Deflation – Meaning, Causes and	
	la dis		Effects	
			2.4 Philips Curve, Stagflation – Meaning	
		A	Inflation: : 2.1 Meaning and Definition	
	av Door (2.2 Causes of inflation	
February	SYBCOM	**	2.3 Consequences of Inflation	
2024		151	2.4 Demand Pull and Cost Push Inflation	
	10 10		2.5 Stagflation: Meaning and Causes	
		7. 7.	Budget	
		5 5	2.1 Budget- Meaning, Nature and Objectives	
	TYBA		2.2 Classification of Budget	
			2.3 Preparation of Indian Central Budget	
			2.4 Gender Budget- Meaning and	
	1		Importance.	
		2	2. Technology and Development	
	F + 1		2.1 Role of Technology and Development	
			2.2 Capital Formation and Technical	
	M.A-II		Progress as Sources of Growth	
			2.3 Technological Strategy of Development	
		n	2.5 Economics of R&D, Invention and	
			Innovation, Relation to Development	
			2.6 Technology Centered Development	
	1	B	Unit 3 Overview of Indian economy	
	EVDA	Λ	3.1 Challenges of Indian Economy- Poverty,	
	FYBA	4	Employment, Inequality, Informal Sector	
			3.2 Policy Measures- Poverty Alleviation	
			3.2 Policy Weasures- Poverty Alleviation	

1	SYBA	A	Unit 3 Business Cycles	
		-	3.1 Meaning, Features and Phases of	
			Business Cycle	
			3.2 Causes and Effects of Business Cycle	
		- "	3.3 Keynes' Theory of Business Cycle	
		-	3.4 Control of Business Cycles – Monetary	
			and Fiscal Controls	
		2.*	Trade cycle:	
		A	3.1 Meaning and Definition of Trade Cycle	
March	CYPCOM		3.2 Characteristics of Trade Cycle	
	SYBCOM	11	3.3 Phases of Trade Cycle	
2024	- W	. 1	3.4 Control of Trade Cycle: Monetary	
		-	Measures and Fiscal Measures	
			Deficit Financing	
			3.1 Deficit Financing- Meaning and	
		*	Objectives	
	TYBA		3.2 Role of Deficit Financing in Developing Countries	
			3.3 Trends in India's Deficit Financing Since	
			2011	
		E %	3.4 Effects of Deficit Financing3.5 - Concepts	
			of Minimum Wage and Fair Wage	
			3. Environment and Development	
	41		3.1 Sustainable Development, Sustainability	
			Performance and Reporting	
	M.A-II		3.3 Environment and Rural-Urban	•
			Development	
		-	3.4 Industrialization and Environment	
	<u>^</u>		Protection	
			3.5 Climate change and Agriculture	
	FYBA	A	Policy Measures- Poverty Alleviation	
			Programmes	
	SYBA	Α.	Unit 4 Macroeconomic Policies	
			4.1 Objectives of Macroeconomic Policies	
		w "	4.2 Monetary Policy - Meaning,	
			Instruments, Advantages and	
		es W	Limitations	
		W 21	4.3 Fiscal Policy - Meaning, Instruments,	
# ** X	1 2 2	, ,	Advantages and	
			Limitations	
	L	7.5	Public Finance:	
April		A	4.1 Meaning and Definitions.	
2024	: s		4.2 Scope of Public Finance.	
2021	= -		4.3 Importance of Public Finance.	
2	SYBCOM		4.4 Meaning and Types of Tax.	
4	3 I BCOM		4.5 Public Expenditure: Meaning and Causes	
	le:		of Increasing Public	
1				
			Expenditure.	
	-		Expenditure. 4.6 Public Debt: Meaning and Importance.	
	-		4.6 Public Debt: Meaning and Importance.	
			4.6 Public Debt: Meaning and Importance.4.7 Budget: Meaning and Types.	
	ТҮВА		4.6 Public Debt: Meaning and Importance.	

0	. 10	4.2 Conflict in the Centre-State Financial	
		Relationship	
		4.3 Role of the Finance Commission	
		4.4 Recommendations of 15th Finance	
		Commission	
-		4. Development Strategies	
		4.1The Role of the Government in the	
		Developmental process	
		4.2 The Market versus Detailed Centralized	-
M.A-II		Planning	
1,11,1	1 = a	4.3 Approaches to Poverty Alleviation and	
		Employment Generation	2.
a		4.4 Policy of Export Promotion & Import	
G 6		Substitution	
E:		4.5 Policy of Infrastructure Development	

Signature of faculty

Head, Dept of Economics

(And Ambelian Am)

DEPARTMENT OF ECONOMICS

G.M.D. Arts, B.W. Commerce

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Maratha Vidya Prasarak Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Economics

Teaching Plan (2022-24)

Term - I

Name of Teacher: Mr. Y. L. Bharaskar

Class and Subject:

- 1. F.Y.B.A. Indian Economic Environment (11151)
- 2. F.Y.B.Com. Business Economics (113)
- 3. T.Y.B.Com. Indian & Global Economic Development (353)
- 4. M.A.I Public Economics I
- 5. M.A. II Industrial Economics

Month	Class	DIV	Topics to be Taught	Remark
	F.Y.B.A.	С	Unit 1: Introduction 1.1 Meaning, Factors affecting Economic Environment 1.2 Challenges to Indian Economy 1.3 Comparison of Indian Economy with the World Economy	:
	F.Y.B.Com.	A	Unit 1: Introduction and Basic Concepts 1.1 Meaning, Nature, Scope and Importance of Business Economics 1.2 Concept of Micro and Macro Economics 1.3 Tools for Economic Analysis 1.4 Basic Concepts: Household, Consumer, Firm, Plant and Industry 1.5 Goals of Firms- Economic and Non-Economic	
September 2021	T.Y.B.Com.	В	Unit 1: Indian and Global Economy 1.1 Economic Development: Meaning and Indicators 1.2 Developed and Developing Countries 1.3 Characteristics of Indian Economy as an Emerging Economy 1.4 Comparison of the Indian Economy with World Economy	*
¥	M.A.I	Part I	Unit: 1. Introduction 1.1 Changing Role of Government – Fiscal Functions of Modern Governments 1.2 Private Goods, Public Goods, Social Goods, Merit Goods, Club Goods	
	M.A. II	Part II	Unit 1: Introduction 1.1 Industrial Economics: Emergence, Meaning and Definition 1.2 Scope and Importance of Industrial Economics 1.3 Classification of Industries 1.4 New Empirical Industrial Organization Approach	

			TY 1/2 A IV ID .	
			Unit 2: Agricultural Environment	2
	F.Y.B.A.	С	2.1 Role of Agriculture in Indian Economy	
			2.2 Challenges to Indian Agriculture	
			2.3 Recent Trends in Indian Agriculture	
			Unit 2: Consumer Behaviour	
_jres			2.1 Utility: Concept and Types	
	F.Y.B.Com.	A	2.2 Cardinal Approach	*
			2.3 Consumer Surplus	
			2.4 Ordinal Approach	
			Unit 2: Agricultural Development In India	
			2.1 Indian Agriculture: Role and Progress	
	T.Y.B.Com.	В	2.2 Low Productivity of Indian Agriculture	
14	1.1.5.00		2.3 Agricultural Finance: Need and Sources	
			2.4 Agricultural Marketing: Problems and Measures	
			2.5 Organic Farming and Contract Farming	
			Unit 2: Rationale for Public Policy	
October			2.1 Allocation of Resources- Provision of Public	
2021			Goods	
			2.2 Voluntary Exchange Models-	
	M.A.I	Part	2.3 Impossibility of Decentralized Provision of	
	141.71.1	I	Public Goods	
50			2.4 Contributions of Paul Samuelson, Robert	
			Musgrave, Hugh Dalton- Demand Revealing	
			Schemes for Public goods	
		1,000	2.5 The Clarke Tax, The Tiebout Hypothesis	
			Unit 2: Theories of Industrial Location	4
			2.1 General Determinants of Industrial Location 2.2	
*			Theories of Industrial Location	
	M.A. II	Part	2.2.1 Alfred Weber's Theory of Industrial Location	
	171 1. 11	II	2.2.2 Sergeant Florence's Theory of Industrial	
			Location	
			2.3 Policy of Industrial Location in India 2.4 Need	
			for Balanced Regional Development	
-			Unit 3: Industrial Environment	
			3.1 Role of Industry in Indian Economic	
	F.Y.B.A.	C	Development	
			3.2 Industrial Policy Resolution, 1991	
			3.3 Challenges to Indian Industry	
			Unit 3: Demand and Supply Analysis	
	**		3.1 Concept of Demand	
			3.2 Determinants of Demand	
N 1			3.3 Law of Demand	
November			3.4 Elasticity of Demand	
2021	F.Y.B.Com.	A	3.4.1 Price Elasticity of Demand	
			3.4.2 Income Elasticity of Demand	
	-		3.4.3 Cross Elasticity of Demand	
			3.5 Supply : Concept, Determinants and Law of	
			Supply	
			3.6 Equilibrium of Demand and Supply for Price	
			Determination	
	TVDC	D	Unit 3: Industrial Development in India	
	T.Y.B.Com.	В	3.1 Role of Industrialization in Indian Economic	
			Development	V

	3.2 New Industrial Policy 1991 3.3 Role of Micro, Small and Medium Scale Enterprises (MSMEs) in India 3.4 Role and Problems of Public Sector Enterprises in India 3.5 New Schemes for Industrial Development Unit 3: Taxation 3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of Incidence	5		
	Enterprises (MSMEs) in India 3.4 Role and Problems of Public Sector Enterprises in India 3.5 New Schemes for Industrial Development Unit 3: Taxation 3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of	5		
*	3.4 Role and Problems of Public Sector Enterprises in India 3.5 New Schemes for Industrial Development Unit 3: Taxation 3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of			
	India 3.5 New Schemes for Industrial Development Unit 3: Taxation 3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of			
:	3.5 New Schemes for Industrial Development Unit 3: Taxation 3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of			-
4	Unit 3: Taxation 3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of			
	3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of			
	Approaches 3.2 Theory of Incidence; Alternative concepts of			
	3.2 Theory of Incidence; Alternative concepts of	- 1	22	
			,	
	Incidence			
		_		
	3.3 Allocative and equity aspects of Individual	Part	M.A.I	-
	Taxes;	I		
	3.4 Theory of Optimal Taxation; Excess Burden of			
	Taxes			Get.
	3.5 The problem of Double Taxation.			
	3.6 Shifting of Tax Burden			_
_	3.7 Incidence under Market Structures			
	Unit 3: Industrial Productivity and Growth			-
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	and the state of t		M.A. II	
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	The state of the s			December
	4.1 Role and Growth of Service Sector in India			2021
	TO SEE THE CONTROL OF	- 1		
	Commerce and E-Finance	В	T.Y.B.Com.	
	4.3 Role of Infrastructure in Economic Development			
	4.3 Role of Infrastructure in Economic Development of India	1		٠
			1	1
	of India			
	of India 4.4 Role of Public and Private Sector			
	of India 4.4 Role of Public and Private Sector in Infrastructural Development Unit 4: Public Expenditure	Dowt	,	
	of India 4.4 Role of Public and Private Sector in Infrastructural Development	Part	M.A.I	
	of India 4.4 Role of Public and Private Sector in Infrastructural Development Unit 4: Public Expenditure 4.1 Wagner's Law of Increasing State Activities	Part I	M.A.I	
	3.1 Industrial Productivity: Norms and Measurement 3.2 Factors affecting Productivity and measures to improve Productivity, 3.3 Public Enterprises: Efficiency, Productivity and Performance 3.4 Skill Development and Industrial Productivity 3.5 Industrial Growth in India: Cause for Concern, Challenges to Private Sector 3.6 Policy Measures to enhance Industrial Growth Unit 3: Industrial Environment 3.4 Micro, Small and Medium Enterprises (MSME) 3.5 Recent trends in Indian Industry- Indian Multinationals & New Policies Unit 4: Production Analysis 4.1 Concept of Production Function 4.2 Total, Average and Marginal Production 4.3 Law of Variable Proportions 4.4 Law of Returns to Scale 4.5 Economies and Diseconomies of Scale Internal and External Unit 4: Service Sector and Infrastructural Development in India 4.1 Role and Growth of Service Sector in India 4.2 Meaning and Effects of Digital Economy, E Commerce and E-Finance	A	F.Y.B.Com.	

		0 1' 'II '	
		Crowding-out Hypothesis	
		4.3 Structure and Growth of Public Expenditure	
		4.4 Criteria for Public Investment; Social Cost-	
		Benefit Analysis, Project Evaluation, Estimation of	
		Costs, Discount Rate,	
		Unit 4: Industrial Policies in India	
		4.1 Industrial Policy in India: Progress since 1991	
		4.2 Developments in Industrial Policy:	
		4.3 Changing Role and Performance of Public and	
N/ A TT	Part	Private Sector in India	
M.A. II	II	4.4 Developments in Policy for MSMEs since 1991	
-		4.5 Development in FDI Policy, Emergence of Indian	
		Multinational Companies	
		4.6 Globalization of Labour Markets and Impact of	
		Emerging Economies	

HEAD
DEPARTMENT OF ECONOMICS
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar

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G.M.D. Arts, B.W. Commerce and
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Maratha Vidya Prasarak Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Economics

Teaching Plan (2023-24)

Term - II

Name of Teacher: Mr. Y. L. Bharaskar

Class and Subject:

- 1. F.Y.B.A. Indian Economic Environment (11152)
- 2. F.Y.B.Com. Business Economics (123)
- 3. T.Y.B.Com. Indian & Global Economic Development (363)
- 4. M.A.I Public Economics II
- 5. M.A. II Economics of Environment

Month	Class	DIV	Topics to be Taught	Remark
, a	F.Y.B.A.	С	Unit 1 Service Sector Environment 1.1 Role and Growth of Service Sector in Indian Economy 1.2 Challenges to Indian Service sector 1.3 Recent Trends in Indian Service Sector	
	F.Y.B.Com.	A	Unit 1: Cost and Revenue 1.1 Concepts and Types of Cost 1.2 Relation between TC, AC & MC 1.3 Cost Curves in Short run and Long run 1.4 Concept of TR, AR, MR	
January 2022	T.Y.B.Com.	В	Unit 1 Human Resources and Economic Development 1.1 Role of Human Resources in Economic Development 1.2 Human Development Index and India 1.3 Concepts of Different Indexes in Quality of Life and Status of India	
	M.A.	Part I	1. Public Finance in India 1.1 Indian Tax System- Tax and Non-tax Revenue 1.2 Taxes in India - Direct and Indirect Taxes 1.3 Reforms in Direct and Indirect Taxes1.4 Budget 1.5 Budget Deficits and Their Implications.	
	M.A.	Part II	1 Introduction 1.1 Economics of Environment 1.2 Environment as an Economic and a Social Good 1.3 Economic Development and Environment 1.4 Sustainable Development	i
February 2022	F.Y.B.A.	С	Unit 2 Banking Environment 2.1 Banking- Definition, Functions, 2.2 Changing Structure of Banking in India 2.3 Bank Accounts2.4 Recent Trends in Indian Banking Environment	
2022	F.Y.B.Com.	A	Unit 2: Pricing Under Perfect Market Conditions 2.1 Pure Competition: Meaning and Features 2.2 Features of Perfect Competition	e

			2.2 Dries Determination in Derfect Competition	
			2.3 Price Determination in Perfect Competition 2.4 Equilibrium of Firm and Industry in Short Run	
			and Long Run	
			Unit 2 Foreign Capital and Economic	
			Development	
			2.1 Role of Foreign Capital in Economic	
	T.Y.B.Com.	В	Development	
			2.2 Types of Foreign Capital	
			2.3 Foreign Investment in India Since 2001	
			2.4 Limitations of Foreign Capital	
			2. Public Debt	
			2.1 Sources of Public Debt w.r.t India;	
		Dort		
	M.A.I	Part	2.2 Burden of Public Debt on Indian Economy	
		I	2.3 Deficit financing, Public Borrowings and Level	
			of Prices	
			2.4 Principles of Debt Management and Repayment	
			2 Environmental Challenges	
	N/ A TT	Part	2.1 Environment and Agricultural Development	
	M.A. II	II	2.2 Environment and Industrial Development	
			2.3 Global Environmental Issues	
			Unit 3 Overview of Indian economy	
	F.Y.B.A.		3.1 Challenges of Indian Economy- Poverty,	
		С	Employment, Inequality, Informal Sector	
	r. i.b.A.			
			3.2 Policy Measures- Poverty Alleviation	
			Programmes	
			Unit 3: Pricing Under Imperfect Market	
			Conditions	
	v		1.1 Meaning of Imperfect Competition	
			1.2 Monopoly: Features and Equilibrium, Price	
			Discrimination	
	F.Y.B.Com.	A	3.3 Monopolistic Competition- Features and	
	T.T.B.Com.	1.	Equilibrium.	
			3.4 Oligopoly: Concept and Features 3.5 Duopoly:	
			Concept and Features Concept and Features	
			Constitution of the consti	
			3.6 Comparison of Perfect and Imperfect	
March			Competition	
2022			Unit 3 India's Foreign Trade and Balance of	
	1		Payment	
			3.1 Role of Foreign Trade in Indian Economic	
			Development	
			3.2 India's Foreign Trade Since 2001	
*	m*** = =	_	3.3 India's Recent Foreign Trade Policy (EXIM	
	T.Y.B.Com.	В	Policy)	
			3.4 Meaning and Components of Balance of Payment	
			3.5 India's Balance of Payment Since 2001	
			3.6 Causes of Unfavourable Balance of Payment	
1			3.7 Convertibility of Indian Rupee – Current and	
			Capital Account	
			3. Fiscal Policy	
		Doct	3.1 Objectives of Fiscal Policy in Countries like	
	M.A.I	Part	India,	
		I	3.2 Fiscal Policy for Stabilization	
	1			
		ı	3.3 Fiscal Sector Reforms in India-	

			2 E	
			3 Environmental Regulations: Theories and	
			Analytical Tools	
		_	3.1 The Economic Theory of Efficient Pollution	- 1
	M.A. II	Part	Control	_
	WI.A. II	II	3.2 Externalities and Market Failures – Coase	
			Theorem	
		-	3.3 Environmental Regulation	
# 2			3.4 Environmental Value Assessment	
			Unit 3 Overview of Indian economy	1
	DWD.	_	3.2 Policy Measures: Employment Generation	
9.	F.Y.B.A.	C	Programmes; Agriculture Development Programmes,	
			Skill Development Programmes	
			Unit 4: Factor Pricing	
			4.1 Marginal Productivity Theory of Distribution	
			4.2 Rent	1
-	F.Y.B.Com.	A	4.3 Wages	
			4.4 Interest	
			4.5 Profit	
			Unit 4 International Financial Institutions &	
			Regional Economic Cooperation	,
			4.1 International Bank for Reconstruction and	
		-	Development (World Bank) - Objectives and	
a v			Functions	
	T.Y.B.Com.	В	4.2 International Monetary Fund (IMF) -	
	111121001111		Organization and Functions	
			4.3 World Trade Organization (WTO) - Introduction	
			and Functions	
April 2022			4.4 South Asian Association for Regional Co-	
7 ipin 2022			operation (SAARC) – Introduction and Functions	
			4.5 BRICS: Introduction and Functions	
			4 Indian Fiscal Federalism	
			4.1 Fiscal Federalism in India- Meaning and	
			Relevance;	
			4.2 Vertical and Horizontal Imbalance	
	M.A.I	Part	4.3 Assignment of Function and Sources of Revenue	
	M.A.1	I	4.4 Constitutional provisions	
			4.5 Devolution of Resources and Grants	
	-		4.6 Theory of Grants; Resource transfer from Union	
a a			to States	
			4.7 Centre-State Financial Relations in India	,
12			4 Climate Change, Environmental Agreements	
			and Policies	
			4.1 Climate Change	
	M.A. II	Part	4.2 Kyoto Protocol	
,	1V1./X. 11	II	4.3 Paris Agreement	
			4.4 India's Environmental Policy, Environment	
			Protection Laws, National Green Tribunal	

Signature of faculty

f-Abelel Head

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Science College, Sinnar Dist Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik **Department of Economics**

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: Dr.Smt. Sonawane Mangala Karbhari

- FYBCOM Banking & Finance I (115B)
 SYBCOM-Business Economics-I (233)
 SYBCOM -Banking & Finance-I (236B)
 TYBCOM-Banking & Finance III (Spi-II) (355B)
- 5., M.A-I Sem-I (ECO 541) Research Methodology

Month	Class	DIV	Topics to be taught	Remark
	FYBCOM	В	Evolution of Banking	
	SYBCOM		Introduction to Macro Economics	10
		В	Introduction to Macro Economics	
September	SYBCOM		Indian Banking Structure	
2023	(Banking)	B	ANTONOMIA . THE ANTONOMIA AND THE CONTROL	
	ТҮВСОМ	В	Banking Regulation Act, 1949: Introduction the objectives and selective provisions	
	M.A-I	-	Introduction to Research	
_	FYBCOM	В	Shares and Mutual Funds	
	SYBCOM	В	National Income	0
			National Income	
October 2023	SYBCOM (Banking)	В	Indian Banking Structure	
	TYBCOM	В	Banking Regulation Act, 1949: Introduction the objectives and selective provisions	
	M.A-I	a	Research Problem and Sampling	

	FYBCOM .	В	 Procedure for Opening and Operating of Deposit Account 	-
	SYBCOM	В	 Theories of Output and Employment Theories of Output and Employment 	
November			8 Employment	
2023	SYBCOM (Banking)	В	Private Banking	v
	TYBCOM	В	Insolvency and Bankruptcy Code, 2016	
	M.A-I	1 V	Data Collection and Analysis of Data	
	FYBCOM	В	Methods of Remittance	
	SYBCOM	В	Consumption, Saving and Investment	-
_	STECOM		Consumption, Saving and Investment	(*)
December 2023	SYCOM (Banking)	В	Public Sector Banking	
	TYBCOM	В	Banking Ombudsman Scheme-2006	, i
	M.A-I		Statistics Analysis and report writing	

Signature of faculty

Head, Dept Qf Economics

G.M.D. Arts, B.W. Commerce And Science College, Sinnar Science College, Sinnar, Dist.Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Economics

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: DR. SMT. SONAWANE MANGALA KARBHARI

- 1. FYBCOM Banking & Finance I (125B)
- 2. SYBCOM-Business Economics-II (243)
- 3. SYBCOM -Banking & Finance-II (246B)
- 4. TYBCOM- Banking & Finance III (Spl-III) (366B)
- 5. M.A-I Sem-On Job Training (ECO 581)

Month	Class	DIV	Topics to be taught	Remark
	FYBCOM	В	Lending Principles and Balance Sheet of a Bank	
January	SYBCOM	В	• Money	
2024	SYBCOM (Banking)	В	Co-operative Banking in India	
	TYBCOM	В	Cyber Crimes in Banking	
	M.A-I		Eligibility for OJT/Internship Programme	•
-	FYBCOM	В	Negotiable Instruments	
	SYBCOM	В	• Inflation	
February 2024	SYBCOM (Banking)	В	Development Banking in India	
	ТУВСОМ	В	Paying and Collecting Banker	
	M.A-I		Natur on-job training/Internship Programme -	
*	FYBCOM	В	Endorsement	

March 2024	SYBCOM	В	Trade cycle	
	SYBCOM (Banking)	В	Selective Important Concepts of Banking	aŭ.
	TYBCOM	В	Banker and Customer Relationship	7
	M.A-I		Salient features ofon-job training/Internship Programme –	
	FYBCOM	В	Technology in Banking	
	SYBCOM .	В	Public Finance	
April 2024	SYCOM (Banking)	В	Banking Sector Reforms	7) 7 N
	TYBCOM	В	Bank Advances	
_	M.A-I	1 1	Framework of the for On-Job Training/ Internship Programme:	

Signature of faculty

Head, Dept of Economics

DEPARTMENT OF ECONOMICS
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G.M.D. Arts, B.W. Commerce and Science College Sinnar, Dist-Nashik **Department of Economics**

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: SMT. JADHAV NIRMALA MADHUKAR

- 1. FYBA Indian Economic Environment (11151)
- 2. SYBA-Micro Economics-I (233)
- 3. TYBCOM- Banking & Finance III (Spl-II) (355B)
- 4. M.A-I Sem-I Agriculture Economics ECO 511
- 5. M.Com- I Sem-I Industrial Economics IE502MJ

Month	Class	DIV	Topics to be taught	Remark
	FYBA	В	Unit 1: Introduction 1.1 Meaning, Factors affecting Economic Environment 1.2 Challenges to Indian Economy 1.3 Comparison of Indian Economy with the World Economy	
	SYBA		Unit 1 Introduction 1 1.1 Meaning, Nature, Scope, Importance of Micro economics 1.2 Basic Economic Problems 1.3 Tools of economic analysis- Functional Relationship, Schedules, Graphs and Equations. 1.4 Variables- Dependent and Independent Variable, Endogenous and Exogenous	
September 2023	ТҮВСОМ	В	Banking Regulation Act, 1949: Introduction the objectives and selective provisions: 1.1 Definition of word Banking (Section 5B) and Bank (Section 5C) 1.2 Management (Section. 10, 10A, 10B, 10BB), Capital (Section 11)- Reserve Fund (Section 17) - Bank Licensing (Section 22) - Branch Licensing (Section 23) - Liquid Assets (Section 24) 1.3 Profit and Loss Account and Balance Sheet, Audit - (Section 29 and 30). 1.4 Powers of Reserve Bank of India- (Section 35, 35A and 36) 1.5 Voluntary Amalgamation (Section 44A) - Compulsory Amalgamation (Section 45)- Liquidation (Section 45 R) 1.6 Banking Regulation Act, 1949 applicable to Cooperative Banks- The Banking Regulation (Amendment) Bill, 2020-Features.	
	M.A-I	1	Introduction to Agricultural Economics Definition, Nature & Scope of Agricultural	

F	<		Economics.	
			1.2 Role of Agriculture in Economic Development. 1.3 Agrarian Structure in India in a Liberalizing and Globalizing Economy.	
The state of the s			1.4 Need for Policy Intervention—Productivity, Equity and Sustainability. 1.5 Challenges to Indian Agriculture— Productivity, Supply of Credit, Marketing etc.	x .
			1.Introduction to Industrial Economics 1. Meaning, Nature and Scope of Industrial Economics 2. Need and Significance of Industrial Economics 3. Concept of Productivity and Efficiency 4. Concept of Composition and Growth -	
	M.Com-I		Structural Transformation of Public Sector Industries and Private Sector Industries 5. Classification of Industries after 1991 6. Role of Agro Industries after 1991	
			7. Changing Role of Public Sector and Private Sector Industries and their Problems. 8. Industrial Combinations- Causes, Mergers, Amalgamation and	
			Acquisition	
	FYBA	В	Unit 2: Agricultural Environment 2.1 Role of Agriculture in Indian Economy 2.2 Challenges to Indian Agriculture 2.3 Recent Trends in Indian Agriculture	5
	SYBA		Unit 2 Theory of Consumer Behavior 2.1 Utility – Meaning and Types Cardinal Approach: Law of Diminishing Marginal Utility, Law of Equi- Marginal Utility, Consumer's Equilibrium 2.2 Ordinal Approach: Indifference Curve Analysis-	- 7
October 2023	ТҮВСОМ	В	Negotiable Instruments Act, 1881: 2.1 Introduction-Definition-Meaning- Features of Negotiable Instruments 2.2 Types of Negotiable Instruments- Promissory Note, Bill of Exchange and Cheque 2.3 Parties in Negotiable Instruments 2.4 Negotiation-Presentment-Concepts of Dishonour of Negotiable Instruments 2.5 Noting and Protesting	•
	M.A-I		Agriculture Productivity Concept of Agricultural Productivity. Causes of Low Agricultural Productivity in India. Measures to Increase of Agricultural	3

			Productivity in India.	
		1 is	2.4 Trends in Agricultural Productivity in India since 1991.	
			2.5 Role of National Employment Guarantee Scheme in Agriculture	
	M.Com-I		2. Industrial Location and Regional Development Factors Affecting Location of Industries 2.2Theories of Industrial Location – Alfred Weber's Theory Sergeant Florence Theory Matrix Theory of Industrial Location 2.3 Industrial Imbalance – Need for Balanced Regional Development Causes of Industrial Imbalance Measures for Solving Industrial Imbalance 2.4Hirschman Theory of Unbalanced Growth 2.5Regional Industrial Imbalance in India- Extent of Regional Industrial Imbalance Government Policy for Balanced Regional	•
	EVD	D	Industrial Development. Unit 3: Industrial Environment 3.1 Role of Industry in Indian Economic	
	FYBA	В	Development 3.2 Industrial Policy Resolution, 1991 3.3 Challenges to Indian Industry	
November 2023	SYBA		Unit 3 Theory of Demand 3.1 Meaning of Demand, Determinants of Demand 3.2 The Law of Demand & Its Exceptions, Market Demand 3.3 Elasticity of Demand – Meaning and Types 3.3.1 Price Elasticity of Demand: Meaning, Types, Methods of Measurement 3.3.2 Income Elasticity of Demand: Meaning and Types 3.3.3 Cross Elasticity of Demand: Meaning and Types 3.3.3 Cross Elasticity of Demand: Meaning and Types	•
	ТҮВСОМ	В	Insolvency and Bankruptcy Code, 2016 3.1 Objectives and importance of IBC, 2016 3.2 Applicability 3.3 Important definitions: (Section 3) Board, Corporate Person, Corporate debtor, Creditor, default, Financial Information, Insolvency Professional, Corporate Applicant, Corporate Guarantor, Insolvency and Bankruptcy. 3.4 Corporate Insolvency Resolution Process (Section 6,7, 12,13,14) 3.5 Liquidation Process (Section 33. 34, 35) 3.6 Voluntary Liquidation of Corporate Person (Section 59)	

			3.7 Fast Track Corporate Insolvency Resolution Process (Section 55, 56, 57) 3.8 Offence and Penalty regarding Corporate (Section 68 to 71) 3.9 Bankruptcy Order for Individual and Partnership Firm (Section 121, 125, 126,128, 138, 139) 3.10 Offence and Penalties regarding Individual (Section 184 to 187) 3.11 The framework of Insolvency and • Bankruptcy Board of India (Section 188, 196)	•
			3. Agriculture Credit and Marketing 3.1 Financial Sector Reforms and Rural Credit.	
# H M			3.2 Role of NABARD, Commercial Banks and Cooperative Institutions.	s
	M.A-I		3.3 Challenges to Rural and Agricultural Credit in India.	* *
8			3.4 Characteristics of Agricultural Markets in India.	_
			3.5 Defects in Agricultural Marketing System in India.	
		1 - B	3.6 Measures to overcome defects in agricultural marketing system in India.	la .
	M.Com-I		3.Industrial Finance and Policy 3.1 Sources of Industrial Finance- 3.2 Types of Internal Sources of Finance 3.3 Types of External Sources of Finance 3.4 Institutional Finance- Role and Contribution of IDBI, SFCs, SIDBI, NABARD and EXIM Bank 3.5 Foreign Capital- 3.6 Institutional Foreign Capital- International Development Agency (IDA),	
	•		International Financial Corporation (IFC), Asian Development Bank (ADB), BRICS Bank 3.7 External Commercial Borrowings- American Depositary Receipt (ADR), Global Depositary Receipt (GDR) Recent Trends in Financing Large Scale Industries 3.8 Recent Trends	
	FYBA	В	Unit 3: Industrial Environment 3.4 Micro, Small and Medium Enterprises (MSME) 3.5 Recent trends in Indian Industry- Indian Multinationals & New Policies	

	SYBA		Unit 4 Supply and Production Analysis 4.1 Meaning, Definition and Determinants of Supply 4.2 The Law of Supply 4.3 Elasticity of Supply: Meaning and Types 4.4 The Production Function: Meaning and Definition 4.5 Total, Average and Marginal Production 4.6 The Law of Variable Proportions 4.7 The Law of Returns to Scale	
December 2023	ТҮВСОМ	В	Banking Ombudsman Scheme-2006 4.1 Objectives of Banking Ombudsman Scheme-2006 4.2 Important Definitions: Banking Ombudsman, Appellate Authority, Authorised Representative, Complaint, Secretariat 4.3 Appointment and Tenure of Ombudsman 4.4 Power and Duties of Ombudsman 4.5 Procedure for Redressal of Grievance	
	M.A-I		 4. Agricultural Growth and Rural Development. 4.1 Recent Trends in Agricultural Growth in India. 4.2 Food Security in India. 4.3 Agriculture and Industry-Inter dependence between Agriculture and Industry, Terms of Trade between Agriculture and Industry 	
			4.4 Sustainable Agriculture-Concept, Need and Issues.4.5 Importance of Agricultural Education and Research in India.4.6 WTO and Indian agriculture: Agreement of	
	M.Com-I		Agriculture (AoA). 4.Major Industries in Maharashtra: Working, Problems and Progress 4.1 Pharmaceutical Industries 4.2 Petrochemical and Chemical Industries 4.3 Electronics Industries 4.4 Software Industries 4.5 Cooperative Industries 4.6 Agro Based and Forest Industries 4.7 Food Processing Industries 4.8 Construction Industries	

Signature of faculty

Tadhur N. m

Head, Dept Of Economics

G.M.D. Arts, B.W. Commerce And Science College, Sinnar, Dist.Nashik.

G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist- Nashik Department of Economics

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: SMT. JADHAV NIRMALA MADHUKAR

CLASS AND SUBJECT:

1. FYBA- Indian Economic Environment (11151)

2. SYBCOM-Business Economics-II (243)

3. TYBCOM- Banking & Finance III (Spl-III) (366B)

4. M.A-I Sem-I- Labour Economics ECO 560

Month	Class	DIV	Topics to be taught	Remark
9	FYBA	В	Unit 1 Service Sector Environment 1.1 Role and Growth of Service Sector in Indian Economy 1.2 Challenges to Indian Service sector 1.3 Recent Trends in Indian Service Sector	
	SYBA		Unit 1 Cost and Revenue Analysis 1.1 Cost Concepts: Fixed Costs, Variable Costs, Total Cost, Average Cost, Marginal Cost, Economic Cost and Accounting Cost, Opportunity Cost	
January 2024	ТҮВСОМ	В	Cyber Crimes in Banking: 1.1 Meaning and Definition of Cyber Crimes 1.2 Types of Cyber Crimes 1.3 Types of Cyber Crimes in Bankinga) Virus attack b) Hacking c) Phishing d) Vising e) Spamming f) ATM skimming g) E-mail spoofing 1.4 Reasons of Cyber Crimes in Banking 1.5 Impact of Cyber Crimes on Banking 1.6 Measures to A) Legal Measures: i) IPC-420 ii) IT Act (2000) SEC 66C,66D B) Non-legal Measures	
	M.A-I		Unit 1: Introduction to Labour 1.1 - Meaning and concepts of Labour, significance and Peculiarities of Labour 1.2 - Formal and Informal Labor: Concept and Characteristics 1.3 - Farm and Non-Farm Labour: Characteristics and difference 1.4 - Labour and Social Security.	
			Unit 2 Banking Environment 2.1 Banking- Definition, Functions,	1.0

February	FYBA	В	2.2 Changing Structure of Banking in India	, 7
			2.3 Bank Accounts 2.4 Recent Trends in	
2024	1		Indian Banking Environment	
			Unit 2 Market Structure	
			2.1 Meaning & Classifications of Market	
	N N		Structure	
	7	-	2.2 Perfect Competition: Meaning,	
			Characteristics, Equilibrium of Firm and	
			Industry in Short Run and Long Run	100
			2.3 Monopoly: Meaning, Characteristics, Short	^_
			and Long Run Equilibrium. Price	
	SYBA		Discrimination	_
	-		2.4 Monopolistic Competition: Meaning,	
			Characteristics, Short & Long Run	-
	5.50		Equilibrium of firm and Industry, Selling cost-	,
			Meaning	
			2.5 Oligopoly: Meaning and Characteristics	
		1.5	2.6 Duopoly: Meaning and Characteristics	14
			Paying and Collecting Banker:	
		- · · ·	2.1 Meaning and Definition of Paying Banker	
	1 1	1.0	2.2 Precautions to be taken while doing payment of	
	TYBCOM	В	cheques	
	TIBCOM		2.3 Duties and Rights of Paying Banks2.4 Meaning and Definition of Collecting Bank	
		-	2.5 Precautions to be taken while collecting	
		1 1	payment of cheques	
		A- 1.0	2.6 Duties and Rights of collecting Banker	
			Unit 2: Labour Market and Policies	
			2.1 - Labour Market, Nature and	
			characteristics.	
			2.2 - Demand for Labour, Cost of Production	
			and Demand for Labour.	
	M.A-I		2.3 – Production Techniques and Labour:	
		× .	Capital-Intensive and Labour-Intensive	v
			2.4 - Supply of Labour, Growth of Labour	
		1 2	force	
			2.5 - Mobility of Labour, occupational and	
	1.1		geographical mobility.	
	- 7		Unit 3 Overview of Indian economy	
			3.1 Challenges of Indian Economy- Poverty,	
	FYBA	В	Employment, Inequality, Informal Sector	
			3.2 Policy Measures- Poverty Alleviation	
	1 3 3		Programmes	
		15	Unit 3 Factor Pricing	
			3.1 Marginal Productivity Theory Of	
			Distribution	
March			3.2 Rent: Ricardian Theory of Rent, Modern	
2024			Theory of Rent, Quasi Rent	
2027	SYBA	-	3.3 Wages: Modern Theory of Wages, Supply	
	150 3		Curve of Labour	
	· .		3.4 Interest: Keynesian Liquidity Preference	
			Theory, Loanable Fund Theory	
	and the	- A	3.5 Profit: Risk and Uncertainty Theory,	
	1611		Innovation Theory	

	TYBCOM	В	Banker and Customer Relationship: 3.1 Definition of Banker and Customer - Relationship as Debtor and Creditor 3.2 Banker as Trustee Banker as Agent 3.3 Banker's Obligation of Secrecy of Accounts 3.4 Banker's Lien Right of Set Off 3.5 Garnishee Order 3.6 Termination of Relationship	
	M.A-I		Unit 3: Employment and Wage Determination 3.1 - Development and Employment: relationship 3.2 - Unemployment – Concept, types and measurement Employment Policy 3.3 - Poverty and unemployment 3.4 - Wage Determination- Classical & Modern Theories	3
	**************************************		 3.5 - Concepts of Minimum Wage and Fair Wage 3.6 - National Labour Commission, Wage Code and Recent Developments. 	·.
es () v	FYBA	В	Policy Measures- Poverty Alleviation Programmes	
	SYBA		Unit 4 Introduction to Welfare Economics 4.1 Welfare Economics: Definition and Meaning 4.2 Pigovian Welfare Economics 4.3 Thought of Amartya Sen on Welfare Economics	
April 2024	TYBCOM	В	Bank Advances: 4.1 Secured and Unsecured loans 4.2 Types of loan schemes in Banks 4.3 Securities for Loans 4.4 Mode of creating Charges: Lien, Pledge, Hypothecation and Mortgage 4.5 Causes of loan recovery problems 4.6 Recovery Measures: a) Legal measures b) Nonlegal measures	
	M.A-I		Unit 4: Women and Child Labour 4.1 – Characteristics of Women Labour and Child labour 4.2 - Women and Child Labour in organized and unorganized sectors 4.3 - Women Labour in India- Problems & Remedies 4.4 - Factors Affecting of Women Labour 4.5 - Legislative measures for Welfare of Child Labour in India	

Signature of faculty

Jedhav N. M.

Head, Dept of Economics

DEPARTMENT OF ECONOMICS G.M.D. Arts, B.W. Commerce And Science College, Sinnar *Printipal

G.M.D. Arts, B.W. Commerce and Science College, Sinnar, Dist.Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar, Dist-Nashik Department of Economics

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: SMT. KOKATE SONALI VIVEK

- 1. TYBCOM- Indian and Global Development- Code 353
- 2. TYBA SPI-III International Economics
- 3. TYBA GEN-III Indian Economic Development-I
- 4. M.A-I Sem-I- International Economics-I
- 5. M.A-II Sem- III- Macro Economic Analysis-I EC-3001

Month	Class	DIV	Topics to be taught	Remark
	ТҮВСОМ	В	Unit 1: Indian and Global Economy 1.1 Economic Development: Meaning and Indicators 1.2 Developed and Developing Countries: Meaning 1.3 Characteristics of Indian Economy as an Emerging Economy 1.4 Comparison of the Indian Economy with World Economy with reference to: National Income, Population, Agriculture, Industry and Service Sector	
September 2023	TYBA Spl-III		Introduction 1.1 International Economics- Meaning, Scope and Importance 1.2 Inter-regional and International Trade 1.3 Importance of International Trade	
	TYBA GEN-III		Economic Development and Growth 1.1 Economic Development: Meaning, Definition and Indicators 1.2 Economic Growth: Meaning, Definition and Indicators 1.3 Need and Importance of Economic Development	
	M.A-I		1. Classical and Modern Trade Theories 1.1 - International Economics & Trade: Meaning, Nature, Scope & Importance 1.2 - The Theory of Comparative Cost- David Ricardo 1.3 - The Heckscher-Ohlin Theorem- The Opportunity Cost Approach 1.4 - Leontief Paradox, Factor Price Equalization [Edgeworth Box Diagram] 1.5 - New Theories of Trade- Product Life	

	M.A-II		Cycle and Technology Gap Models 1.6 - Trade based on Product Differentiation: Intra-industry Trade, Trade based on Economies of Scale 1.7 - Neo-Heckscher Ohlin Theorem 1. Traditional Approaches to Macro economics 1.1 Classical Approach-Introduction and main features 1.2 Keynesian Approach-Introduction and main features 1.3 Neoclassical Approach-Introduction and main features	
	TYBCOM	В	Unit 2: Agricultural Environment 2.1 Indian Agriculture: Role and Progress 2.2 Low Productivity of Indian Agriculture: Causes and Measures 2.3 Agricultural Finance: Need and Sources 2.4 Agricultural Marketing: Problems and Measures 2.5 New Farm Act 2020 2.6 Organic Farming and Contract Farming: Meaning and Advantages	
	TYBA Spl-III		Theories of International Trade 2.1 Theory of Absolute Cost Advantage and Theory of Comparative Cost Advantage 2.2 Heckscher-Ohlin Theory 2.3 Leontief's Paradox 2.4 Intra-Industry Trade	
October 2023	TYBA GEN-III	В	Developed and Developing Countries 2.1 Concepts of Developed and Developing Countries 2.2 Characteristics of Developed Countries 2.3 Characteristics of Developing Countries: Economic, Demographic, Technological, Social and Political 2.4 India as an Emerging Economy	•
	M.A-I		Terms of Trade 2.1 - Concepts of Terms of Trade, Factors affecting Terms of Trade 2.2 - Gross & Net Barter Terms of Trade 2.3 - Terms of Trade and Economic Development	
	M.A-II		2. Agricultural Development In India 2.1 Circular Flow Income in two-three and four sector economy 2.2 Different forms of national income accounting- 2.2.1 Social accounting 2.2.2 Input-output accounting 2.2.3 Flow of funds Accounting	

	TYBCOM	В	2.2.4 Balance of payments Accounting 2.2.5 Matrix presentation of Social Accounting Unit 3: Industrial Development in India 3.1 Role of Industrialization in Indian Economic Development 3.2 New Industrial Policy 1991 3.3 Role of Micro, Small and Medium Scale Enterprises (MSMEs) in India 3.4 Role and Problems of Public Sector Enterprises in India 3.5 New Schemes for Industrial Development: Make in India, Start- up India and Stand up India	
	TYBA Spl-III		Terms of Trade 3.1 Meaning, Types and Importance of Terms of trade 3.2 Determinants of Terms of trade 3.3 Causes of Unfavorable Terms of trade to Developing Countries	
November 2023	TYBA GEN-III		Constraints to Development Process 3.1 Vicious Circle of Poverty 3.2 Capital Constraints 3.3 Technology Constraints 3.4 Socio- Cultural Constraints 3.5 Political and Administrative Constraints 3.6 External Bottlenecks	
	M.A-I		3.1 - Free Trade vs. Protected Trade 3.2 - Tariffs and Non-Tariff Barriers on Trade 3.3 - Effects of Tariffs under Partial Equilibrium. (Price Effect, Terms of Trade Effect, Competitive Effect, Income Effect, Revenue Effect) 3.4 - Effects under General Equilibrium	
	M.A-II		3. Demand and Supply of Money 3.1 Definition of Money, Debates relating to definition of Money 3.2 The Liquidity Theory, Gurley and Shaw Hypothesis, Demand for Money-Classical and Keynesian 3.4 Cash Balance Approach- Post Keynesian Theories of Demand for Money, Tobins Approach, Baumol's Inventory Theoretic Approach, 3.1 Friedman's Theory of Demand for Money.	
	ТҮВСОМ	В	Unit 4: Service Sector and Infrastructural Development in India 4.1 Role and Growth of Service Sector in India 4.2 Meaning and Effects of Digital Economy,	

.

			E-Commerce and E-Finance 4.3 Role of Infrastructure in Economic Development of India 4.4 Role of Public and Private Sector in Infrastructural Development	
	TYBA Spl-III		Balance of Payments 4.1 Balance of trade and Balance of payments- Concepts 4.2 Balance of payments - Components 4.3 Disequilibrium of Balance of Payments, Causes and Consequences 4.4 Measures to correct Disequilibrium in the Balance of Payments	
December 2023	TYBA GEN-III	В	Human Resources and Economic Development 12 4.1 Role of Human Resources in Economic Development 4.2 Human Development Index and India 4.3 Concepts of Physical Quality of Life Index: 4.3.1 Gender Development Index 4.3.2 Gender Inequality Index 4.3.3 Multidimensional Poverty Index	
	M.A-I		4. Trade Organizations 4.1 - Introduction to International Trade Agreements - Dunkel Proposal and WTO, Important Agreements, 4.2 - Major developments in WTO since 1995, WTO Effects on the Indian Economy 4.3 - Features of Global Trade 4.4 - India's participation in Global Trade	
	M.A-II		4. Supply of Money 4.1 Financial Intermediation 4.2 A Mechanistic Model of Bank Deposit Determination. 4.3 A Behavior Model of Money Supply Determination, 4.4 A Demand-determined Money Supply process, 4.5 RBI approach to Money Supply-High Powered Money and Money Multiplier; Budget Deficit and Money Supply, Money Supply and Open Economy. 4.7 Control of Money Supply.	

Stehuts

Signature of faculty

Camt · kohate 5. v)

Head, DeptA Of Economics
DEPARTMENT OF ECONOMICS
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar

G.M.D. Arts, B.W. Commerce and Science College, Sinnar, Dist.Nashik.

G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist- Nashik Department of Economics

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: SMT. KOKATE SONALI VIVEK

- 1. TYBCOM Indian & Global Economic Development Code-363
- 2. TYBA- SPI-III- International Economics
- 3. TYBA-Gen-III Indian Economic Development-II
- 4. M.A-I Sem-II- International Economics
- 5. M.A-II Sem- IV- Macro Economics-II EC 4001

Month	Class	DIV	Topics to be taught	Remark
January 2024	ТҮВСОМ	В	Unit 1 Human Resources and Economic Development 1.1 Role of Human Resources in Economic Development 1.2 Human Development Index and India 1.3 Concepts of Different Indexes in Quality of Life and Status of India	
	TYBA Spl-III		India's Foreign Trade and Policy 1.1 Role of Foreign Trade in Economic Development 1.2 India's Foreign Trade- Growth, Composition and Direction since 2000 1.3 Free Trade v/s Protection - Case For and Case Against 1.4 Highlights of India's Foreign Trade policy Since 2015 1.5 Evaluation of Policy of Special Economic Zones in Export Promotion	
	TYBA- Gen-III		Economic Planning 1.1 Economic Planning – Meaning, Definition and Features 1.2 Need of Economic Planning 1.3 Objectives of Economic Planning in India	
	M.A-I		Unit 1: Introduction to Labour 1.1 - Meaning and concepts of Labour, significance and Peculiarities of Labour 1.2 - Formal and Informal Labor: Concept and Characteristics 1.3 - Farm and Non-Farm Labour: Characteristics and difference 1.4 - Labour and Social Security.	

			1. Aggregate Demand and Aggregate	
			00 0	
077			Supply Analysis 1.1 Aggregate Demand Curve (with price	
			flexibility)-Derivation of aggregate demand	
			curveshift	
	1 1			
			in aggregate demand curve and multiplier effect	
F			1.2 Aggregate Supply curve (with variable	
			prices)-shift in aggregate supply curve-long-	
24	M.A- II	Ly by	run	
	WI.A- II		aggregate supply curve –Derivation of	
		Jr. 1115	Aggregate supply curve-	
			1.3 Macroeconomic equilibrium: AS-AD	
			Model-Friedman's Natural Rate Hypothesis-	
		6.0	Economic Fluctuations	
		100	1.4 Three Models of the Upward Sloping	
			SRAS (short-run aggregate supply curve) –	
8 1			The	
			Sticky Wage Theory, The Sticky Price Theory	*
		l	and The Misperceptions (Fooling) Theory	
			Unit 2 Foreign Capital and Economic	
			Development	
	ТҮВСОМ	В	2.1 Role of Foreign Capital in Economic	
v =			Development	
			2.2 Types of Foreign Capital	
1			2.3 Foreign Investment in India Since 2001	
	176		2.4 Limitations of Foreign Capital	
100			Foreign Capital	
4 1 3 5	TYBA	11 23	2.1 Role of Foreign Capital in Economic	
	Spl-III		Development 2.2 Types of Foreign Investment	
	Spi-III		2.3 Foreign Investment Policy in India since	
			1991	
			2.4 Problems of Foreign Capital	
February			National Institution for Transforming India	
2024	11/2		Aayog	
	TYBA-	100	(NITI Aayog)	
	Gen-III		2.1 NITI Aayog- Objectives and Structure 12	
10.00	Gen-III		2.2 Role of NITI Aayog	
			2.3 Difference between Planning Commission	
			and NITI Aayog	
			Unit 2: Labour Market and Policies	
			2.1 - Labour Market, Nature and characteristics.	
			2.2 - Demand for Labour, Cost of Production	
	M.A-I	1.3	and Demand for Labour.	
		17.00	2.3 – Production Techniques and Labour: Capital-Intensive and Labour-Intensive	
			2.4 - Supply of Labour, Growth of Labour force	
		-	2.5 - Mobility of Labour, occupational and	
			geographical mobility.	
	M.A- II		2. The IS-LM Curves Model	
	IVI./\-11		2.1 Introduction-The Structure of the Model	
			2.1 introduction-The Structure of the Model	Y

			2.2 Derivation of IS Curve and LM Curve – Shifts in IS Curve and LM curve, causes in shifts in IS and LM Curve. 2.3 Simultaneous Equilibrium in Goods Market and Money Market-Extension IS-LM model with government sector Fiscal policies. 2.4 Extension of IS-LM model with Labor Market and flexible prices.	
	TYBCOM	В	Unit 3 India's Foreign Trade and Balance of Payment 3.1 Role of Foreign Trade in Indian Economic Development 3.2 India's Foreign Trade Since 2001 3.3 India's Recent Foreign Trade Policy (EXIM Policy) 3.4 Meaning and Components of Balance of Payment 3.5 India's Balance of Payment Since 2001 3.6 Causes of Unfavourable Balance of Payment 3.7 Convertibility of Indian Rupee – Current and Capital Account	
March 2024	TYBA Spl-III		Foreign Exchange 3.1 Exchange Rate: Concept; Fixed & Flexible Exchange Rate -Merits and Demerits 3.2 Foreign Exchange Market- Meaning, Structure and Functions 3.3 Convertibility of the Rupee 3.4 Foreign Exchange Management Act, 1999, Main Provisions	
	TYBA Gen-III	В	Sustainable Development 3.1 Sustainable Development: Meaning and Importance 3.2 17 SDGs (Sustainable Development Goals) 3.3 Measures for Sustainable Development 3.4 Current Scenario of SDG in India	
	M.A-I		Unit 3: Employment and Wage Determination 3.1 - Development and Employment: relationship 3.2 - Unemployment – Concept, types and measurement Employment Policy 3.3 - Poverty and unemployment 3.4 - Wage Determination- Classical & Modern Theories 3.5 - Concepts of Minimum Wage and Fair Wage 3.6 - National Labour Commission, Wage Code and Recent Developments.	

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	flation-Unemployment Trade-Off:
	ips Curve and Rational Expectations
Thec	
	nflation and Unemployment-Phillips
	E-Explanation of Phillips curve.
	auses of shifts in Phillips Curve- Long-
	hillips curve and adaptive expectations –
	-run Phillips curve: Rational
	ctations.
	elation between short-run Phillips curve
and	ong-run Phillips curve.
	tagflation and Supply-side Economics-
	lation in India-1991-04, causes of
	lation
	upply-side economics-basic propositions
	pply-side economics-Taxation and
	r supply, Incentive to save and tment, the tax wedge-tax revenue and
Laffe	
	e, a critical appraisal of supply side
	omics.
	4 International Financial Institutions
	egional Economic Cooperation
	nternational Bank for Reconstruction and
	lopment (World Bank) - Objectives and
Func	tions
	International Monetary Fund (IMF) -
TYBCOM B Orga	nization and Functions
4.3	World Trade Organization (WTO) -
	duction and Functions
	outh Asian Association for Regional Co-
Func	
	RICS: Introduction and Functions
	onal and International Co-operation:
Spl-III	re and Functions of-
4.1 5	outh Asian Association for Regional
	eration (SAARC) razil, Russia, India, China and South
	a (BRICS)
	uropean Economic Community (EEC)
	Vorld Trade Organization (WTO)
	ronment and Economic Development
	elation between Environment and
The state of the s	omic Development
	nvironment and Sustainable
Dave	lopment
1 (100-111	nvironmental Policies in India:
	National Conservation Strategy (1992) -
High	

	Highlights	
	4.4 Global Warming	<u> </u>
M.A-I	Unit 4: Women and Child Labour 4.1 – Characteristics of Women Labour and Child labour 4.2 - Women and Child Labour in organized and unorganized sectors 4.3 - Women Labour in India- Problems & Remedies 4.4 - Factors Affecting of Women Labour 4.5 - Legislative measures for Welfare of Child Labour in India	
M.A-II	4. The New Classical Macro Economics & the Open Economy Issues 4.1 Introduction -Meaning of Rational Expectations- Barrow's view 4.2 The New Classical Model 4.3 The Role of the Monetary and Fiscal policy 4.4 Rational Expectations and the Real Business Cycles 4.5 Criticism of the Rational Expectations	
	Hypothesis. 4.6 Open Economy-Balance of Trade-Balance of Payments-Mundel-Fleming Model, Exchange Rate Regimes.	

Shelite

Signature of faculty

(5mt. kohale SV)

Head, Dept. of Economics
DEPARTMENT OF ECONOMICS
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar

G.M.D. Arts, B.W. Commerce and Science College, Sinnar, Dist.Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Department of Political Science

TEACHING PLAN (2023-24)

TERM-II

Name of Teacher: ARUN AMBADAS POTE

- 1. FYBA INTRODUCTION TO INDIAN CONSTITUTION (11162)
- 2. POLITICAL JOURNALISM SPL II (24162)
- 3. TYBA- Public Administration Spl. III (36162)
- 4. MA I Public Policy
- 5. MA II PO-C12 Politics and Society

Month	Class	DIV	Topics to be taught	Remark
-	FYBA G1	A	Unit: 5 Legislature a) Structure b) Powers c) Role	
	S.Y.B.A	A	Unit 5: Indian Political Process & Journalism a) Role of Social Media in Political Process b)	
	SPL- II		Election and Media: Loksabha and Maharashtra Vidhansabha 2014 and 2019	
			General Elections c) Political Parties and Social Media	
	TYBA	A	Unit 1: Bureaucracy a) Meaning and	
January 2024	SPL III		Definitions b) Administrative Reforms	
2024	MA I, Sem I	A	Public Policy and Major Approaches a. Evolution, Nature and Scope b. Group Approach c. Incremental Approach d. Policy Network Approach	gm
	MA II, Sem III	A	PO-C12 Politics and Society 1. Introduction a) Community b) Culture c) Religion	<i>.</i>
	FYBA G1	A	Unit: 6 Executive a) President: Powers and Functions b) Vice President: Powers and Functions c) Secretary: Powers and Functions	
	S.Y.B.A	A	Unit 6: Mediatisation of Politics a)	
	SPL- II		Definition and Meaning b) Practices c) Mediums	
February	TYBA	A	Unit 2: Personnel Administration	
2024	SPL III		a) Recruitment b) Training c) Promotion	
	MA I, Sem I	A	2. Making and Implementation of Policy a. Agenda Setting b. Role of Legislature c. Role of Bureaucracy d. Implementation	

				422100
	MA II,	A	2. Inter-relationship between Politics	20
	Sem III		and Society a) Role of State b)	W.0 *
			Nationalism c) Leadership	
	FYBA G1	A	Unit: 7 Judiciary a) Structure i) Federal	
	I I I I I I I		Court ii) State Court b) Powers and	
	6454		Functions c) Judicial Review	
	S.Y.B.A	A	Unit 7: Media & Public Opinion a)	
	SPL- II		Definition and Meaning b) Practices c)	
			Medium	
	TYBA	A	Unit 3: Budgeting a) Meaning and types	
	WI II III		and Principles of sound Budget	
March	SPL III		b) Budgetary Process in India c) Gender	
2024			Budgeting	
2024		A	3. Evaluation of Policies	
	MA I,Sem II		a. Civil Society	
	Wir i,Sein ii		b. Media	
			c. Political Parties and Pressure Groups d. Judiciary	
	MA II	A	3. Politics, Society and Economy	
	MAII	A	a) Inequality b) Class c) Caste	
	Sem III		a) mequality b) class c) caste	
	FYBA G1	A	Unit: 8 Federal Election Commission a) Structure	
	TIBITOT		b) Functions c) Role	
	S.Y.B.A	A	Unit 8: Challenges before Political Journalism a)	
			Increase of Paid News b) Party Spirited News	
	SPL- II		Papers & Commercialization c) Media Saturation	
		A	Unit 4: Accountability and Control	
	TYBA		a) Administrative Accountability	
	SPL III		b) Legislative Control	
			c) Judicial Control	
		A	4. Globalization and Public Policy	
			- 311.53	
April 2024			a. Global Policy Process	
			b. Role of Transnational Actors	
	MA I, Sem I		c. Impact of Globalization on Public Policy	
			making.	
			d. Impacts of global policy making on sustainable	
			development	
	MA II,	A	4. Social Movements and Development a) Anti	
			Corruption Movement b) Nirbhaya Movement	
	Sem III		c) Environmental Movement	

Signature of faculty

Mr. A.A. P.

Head, Dept, of Political Sci.

DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar Principal Principal

G.M.D.Arts, B.W. Commerce and Science college, Sinnar, Dist. Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashari Department of Political Science

TEACHING PLAN (2023-24)

TERM-I

Name of Teacher: SMT. A. R. PAGAR

- 1. FYBA INTRODUCTION TO INDIAN CONSTITUTION (11162)
- 2. SYBA- Western Political Thought
- 3. TYBA- Local Self Government in Maharashtra G-3
- 4. M.A-I-POL 501 MJ: Western Political Thought
- 5. M. A- II- Fundamentals Of Political Theory

Month	Class	DIV	Topics to be taught	Remark
-	FYBA - Introduction To Indian Constitution (11162)	С	Unit 1: Making of the Indian Constitution 12 a) Historical Background b) Constituent Assembly c) Preamble d) Salient Features	
	SYBA- Western Political Thought		Unit 1: Plato 12 a) Ideal State b) View on Education c) Theory of Justice	
Augest 2023	TYBA- Local Self Government in Maharashtra G-3		Unit 1: Evolution of Local Self Government 12 a. Background of Panchayati Raj in British Era b. Community Development Program – 1952 c. Balavantrai Mehata Committee – 1957	
	M.A- I - POL 501 MJ : Western Political Thought		Plato a. Life and Works b. Concept of Ideal State c. Theory of Justice d. Views on System of Education	
	M. A- II- Fundamentals Of Political Theory		Political Theory: Meaning, Nature and Scope	
	FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162)		Unit 2: Fundamental Rights, Duties and DirectivePrinciples 12 a) Fundamental Rights b) Fundamental Duties c) Directive Principles of State Policy	
	SYBA- Western Political Thought		Unit 2: Aristotle 11 a) Classification of the State b) Views on Slavery c) Theory of Revolution	-
Sept. 2023	TYBA- Local Self Government in Maharashtra G-3		Unit 2: Varies committee of Local Self Government in Maharashtra 12 a. Vasantrao Naik Committee – 1960 b. L. N. Bongirwar Committee – 1970 c. P. B. Patil Committee – 1985	
	M.A- I - POL 501 MJ : Western Political Thought		2 2. Thomas Hobbes a. Life and Works b. Human Nature and State of Nature c. Views on Natural Rights d. Theory of Social Contract	
	M. A- II- Fundamentals Of Political Theory		2. Liberty, Equality and Fraternity	

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Month	Class	DIV	Topics to be taught	Remark
	FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162)		Unit 3: Federalism 12 a) Salient Features of Indian Federalism b) Centre –State Relations c) Issues of Conflict (Water and Border Issues)	
	SYBA- Western Political Thought		Unit 3: Machiavelli 11 a) Human Nature b) Attitude towards Religion and Morality c) Views on State	
Oct. 2023	TYBA- Local Self Government in Maharashtra G-3		Unit 3: 73rd Amendment and Rural Bodies 12 a. Background of 73rd Constitutional Amendment b. Constitutional change in Article 243 c. Gram Sabha & Gram Panchayat	
	M.A- I - POL 501 MJ : Western Political Thought		3. John Stuart Mill a. Life and Works b. Liberty c. Representative Government d. Views on Utilitarianism	
	M. A- II- Fundamentals of Political Theory		3. Justice, Rights, Citizenship	
Nov. 2023	FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162)		Unit 4: Constitutional Amendments: Scope and Limitations 12 a) Constitutional Provisions b) Major Constitutional Amendments (42, 44 & 86) c) Basic Structure of the Indian Constitution	
	SYBA- Western Political Thought		Unit 4: Locke 11 a) State of Nature b) Natural Rights c) Theory of Social Contract	
	TYBA- Local Self Government in Maharashtra G-3		Unit 4: 73rd Constitutional Amendment and Rural Bodies 12 a. Panchayat Samiti b. Zilha Parishad c. Schedule XI In Constitution	
	M.A- I - POL 501 MJ : Western Political Thought		4. Karl Marx a. Life and Works b. State and Class c. Historical Materialism d. Views on Revolution	
	M. A- II- Fundamentals of Political Theory		4. Power, Authority and Legitimacy 5. State, Democracy, Civil Society	

Signature of faculty
Smi Pagar An

Head, Dept. of plitical Science

DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Cannar

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Science Co. Sinnar, Dist. Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dis

Department of Political Science

TEACHING PLAN (2023-24)

TERM-II

Name of Teacher: SMT. A. R. PAGAR

- 1. FYBA INTRODUCTION TO INDIAN CONSTITUTION (11162)
- 2. SYBA- Western Political Thought
- 3. TYBA- Local Self Government in Maharashtra G-3
- 4. M.A-I-POL 551 MJ: Comparative Political Analysis
- 5. M. A- II- Fundamentals of Political Theory

Month	Class	DIV	Topics to be taught	Remark
	FYBA - Introduction To Indian Constitution II(11162)	С	Unit5: Legislature a) Union Legislature – Structure, Powers and Role b) State Legislature – Structure, Powers and Rol	
	SYBA- Western Political Thought-II		Unit 6: Hegel a) Idealism b) Theory of State c) Views on Freedom	
January 2024	TYBA- Local Self Government in Maharashtra G-3		Unit 1: 74th Constitutional Amendment and Urban Bodies 12 a. Urban Bodies before 74th Constitutional Amendment b. Constitutional change in Article 243 c. Nagar Panchayat	
	M.A- I - POL 551 MJ : Comparative Political Analysis		Comparative Politics A. Meaning and Nature Scope and Importance C. Old Comparative politics (Before Second World War) A. New Comparative politics (After Second World War)	
	M. A- II- Fundamentals Of Political Theory		Political Theory: Meaning, Nature and Scop	e

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			NO POST
	FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162)	Unit6: Executive a) Union Executive – i) President and Vice President– Powers, Functions and Role ii) Prime Minister – Powers, Functions and Role iii) Council of Minister – Powers and Functions and Role b) State Executive- i) Governor - Powers, Functions and Role ii) Chief Minister – Powers, Functions and Role iii) Council of Minister – Powers and Functions and Rol	
	SYBA- Western Political Thought	Unit 7: J. S. Mill a) Views on Liberty b) Representative Government c) Views on Utilitarianism	
February 2024	TYBA- Local Self Government in Maharashtra G-3	Unit 2: 74th Constitutional Amendment and Urban Bodies 12 a. Municipal Council b. Municipal Corporation c. Schedule XII In Constitution	
	M.A- I - POL 551 MJ : Comparative Political Analysis	2. Approaches to the study of Comparative Politics a. Historical b. Institutional c. Systems Approach b. Structure-Functional	
	M. A- II- Fundamentals Of Political Theory	2. Liberty, Equality and Fraternity	

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Month	Class	DIV	Topics to be taught	Remark
	FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162)		Unit7: Judiciary 12 a) Supreme Court : Powers and Functions b) High Court : Powers and Functions c) Judicial Review and Judicial Activism	
March 2024	SYBA- Western Political Thought		Unit 7: J. S. Mill a) Views on Liberty b) Representative Government c) Views on Utilitarianism	
	TYBA- Local Self Government in Maharashtra G-3		Unit 3: Commissions about Local Self Government 12 a. State Election Commission b. State Finance Commission c. Challenges before Commission	

	3. Parties and Pressure Groups	*
M.A- I - POL 551 MJ : Comparative Political Analysis	a. Origin of political parties in modern era b. Classification of Party System c. Nature and types of pressure groups d. Role of Pressure Groups in different political systems	
M. A- II- Fundamentals of Political Theory	3. Justice, Rights, Citizenship	
FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162)	Unit8: Electoral System 12 a) Election Commission: Composition, Functions and Role b) Chief Election Commissioner c) Electoral reform	
SYBA- Western Political Thought	Unit 8: Karl Marx a) Historical Materialism b) Class Struggle c) Theory of State and Revolution	
TYBA- Local Self Government in Maharashtra G-3	Unit 4: Future of Local Self Government a. Control on Local Self Government b. Limitations of Local Self Government c. Challenges before Local Self	
M.A- I - POL 551 MJ : Comparative Political Analysis	4. Non State Political Actors a. Origin and development of non- state political actors b. Features of non-state political actors c. Social Movements	2
M. A- II- Fundamentals of Political Theory	4. Power, Authority and Legitimacy 5. State, Democracy, Civil Society	
	Comparative Political Analysis M. A- II- Fundamentals of Political Theory FYBA - INTRODUCTION TO INDIAN CONSTITUTION (11162) SYBA- Western Political Thought TYBA- Local Self Government in Maharashtra G-3 M.A- I - POL 551 MJ: Comparative Political Analysis M. A- II- Fundamentals of	Analysis Analys

Signature of faculty

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Head, Dept. of Political Science

HEAD

DEPARTMENT OF POLITICAL SCIENCE
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar

Principal

G.M.D.Arts, B.W. Commerce and Science cellege, Sinnar, Dist. Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Political Science

TEACHING PLAN (2023-24) TERM- I

Name of Teacher: ABHIN SAMPAT POTE

- 1. FYBA INTRODUCTION TO INDIAN CONSTITUTION (11161)
- 2. SYBA SEC Basic Of Indian Constitution 24165
- 3. TYBA- International Relation Spl. IV
- 4. POL 503 MJ: Theories and Issues in International Politics
- 5. PO-C9 World Politics-New Developments

Month	Class	DIV	Topics to be taught	Remark
		В	Unit 1: Making of the Indian	
			Constitution a) Historical Background	
	FYBA G1		b) Constituent Assembly	
		-	c) Preamble	
			d) Salient Features	
	TYBA	A	Unit 1: Introduction to International	
	SPL IV		Relations a) Development and Meaning	
	SILIV	-	b) Nature c) Scope	
August	S.Y.B.A.(Extra	A	UNIT – I 1. Making of the Indian	
2023	Credit) SEC		Constitution	
		A	1. Approaches to International Politics	
	MA I, Sem I		a. Idealism	
			b. Realism	
			c. Liberalism	
			d. Marxism	
	MA II,	A	PO-C9 World Politics-New Developments	
	Sem III		1. Foreign Policy	
	FYBA G1	В	Unit 2: Fundamental Rights, Duties and Directive	
			Principles	
			a) Fundamental Rights	
		0=0	b) Fundamental Duties	
		-	c) Directive Principles of State Policy	1
	TYBA	A	Unit 2: Approaches to International Relations a)	
	SPL IV		Idealism b) Realism – Neo realism	
Sept. 2023		-	c) System approach d) Marxism	
	S.Y.B.A.(Extra	-	UNIT - II 2. Fundamental Rights	
	Credit) SEC		Charge and the second	
		A	2. Geopolitical Issues	
	MA I, Sem I		a. Geopolitics: Meaning and evolution	
	IIII I, Selli I		b. Alfred Mahan's theory of Sea Powers,	
			c. Harford Mackinder's Heartland theory	



			d. Contemporary Geopolitics	1 0
	MA II Sem III	A	2. Intervention and coercive	22.03
	,	В	Unit 3: Federalism a) Salient Features of Indian Federalism	W.O.
	FYBA G1	В	b) Centre –State Relations	
		С	c) Issues of Conflict (Water & Border Issues)	
	TYBA SPL IV	A	Unit 3: World War II and the Cold War a) Causes and Consequences of the world war II	
Oct. 2023	SELIV	-,	 b) Emergence of the cold war and its phase c) End of cold war and the emerging world order 	
30.1.202 5	MA I, Sem I	A	3. Changing International Political Order since World War II a. Rise of super powers; cold war and Detene b. Non-aligned movement: Origin, achievements and its relevance c. Collapse of the Soviet Union; Rise of American hegemony d. Features of Post-Cold War international politics	-
	MA II, Sem III	A	Impact of world Trade on Politics Challenges before the nation	
1		В	Unit 4: Constitutional Amendments: Scope and Limitations a) Constitutional Provisions	-
	FYBA G1	-	b) Major Constitutional Amendments (42, 44 & 86)	
		-	c) Basic Structure of the Indian Constitution	
November 2023	TYBA SPL IV	A	Unit 4: International Organizations a) The United Nations - its structure and peacekeeping Functions- Reforms of UN	
		*	b) International Financial institutions : World Bank, IMF, WTO c) Regional Organizations : EU, SAARC, ASEAN, BRICS	
	MA I, Sem I	A	4. Contemporary concerns a. Terrorism b. Environment c. Gender d. Human Rights	
	MA II, Sem III	A	5. Environmental Issues and the nation	

Signature of faculty Mr. A.s. Pate

Head, Dept. of Political Sci.

DEPARTMENT OF POLITICAL SCIENCE

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TEACHING PLAN (2023-24)

TERM-II

Name of Teacher: ABHIN SAMPAT POTE

- 1. FYBA INTRODUCTION TO INDIAN CONSTITUTION (11162)
- 2. SYBA SEC Basic Of Indian Constitution (24165)
- 3. TYBA- International Relation Spl. IV
- 4. POL 553 MJ: India's Foreign Policy
- 5. PO-O13 Twentieth Century Political Thought

Month	Class	DIV	Topics to be taught	Remark
	FYBA G1	В	Unit: 5 Legislature a) Structure b) Powers c) Role	
	TYBA SPL IV	A	Unit 1: The Theory of Non-Alignment a) Meaning and basic principles of Non-Alignment b) Emergence of Non-Alignment	
		-	c) Non-Alignment as a Movement d) Relevance of NAM In Post cold war period	
Innum	S.Y.B.A.(Extra	A	UNIT – I 1. Fundamental Duties a) Concept of Fundamental Duties b) Nature of Fundamental Duties s) Importance of Fundamental	
January	Credit) SEC		Fundamental Duties c) Importance of Fundamental Duties	
2024	MA I Sem II	A	Nature and Determinants of India's Foreign Policy a. Post-Independence History and Geopolitical context b. Political and Ideological factors c. Socio- Economic dimensions d. Indian Diaspora	
E	MA II, Sem IV	A	PO-O13 Twentieth Century Political Thought 1. Antonio Gramsci a) Civil Society b) Hegemony c) Revolution	
	FYBA	В	Unit: 6 Executive a) President: Powers and Functions	
	TIBA	-	b) Vice President: Powers and Functions c) Secretary: Powers and Function	
	TYBA SPL IV	A	Unit 2: Globalization a) Meaning of Globalization b) Evolution and Impacts of Globalization	
		-	c) Limits of Globalization d) Role of The state	
February	S.Y.B.A.(Extra Credit) SEC	=	UNIT – II 2.Directive Principles of State Policy a) Concept of Directive Principles of State Policy b) Nature of Directive Principles of State Policy c) Significance of Directive Principles of State Policy	
2024	MA I, Sem II	A	2. Making of Foreign Policy: Actors and Processes a. Role of the Executive – Political and Bureaucratic b. Role of the Parliament	

			c. Role of Political Parties, Pressure Groups, d. Media	
	MA II, Sem III	A	2. Hannah Arendt a) Civic Republicanism b) Theory of Action c) Critique of Totalitarianism	
		В	Unit: 7 Judiciary a) Structure i) Federal Court ii) State Court	
	FYBA		b) Powers and Functions	2.2
			c) Judicial Review	
	TYBA	A	Unit 3: International Political Economy a) Neo- Colonialism b) New International Economic Order	
March	SPL IV	- 1-1	c) North-South Divide d) South-South Co- operation	
2024	MA I, Sem II	A	3. Evolution of Indian Foreign Policy a. 1947-1966 b. 1967-1990 c. 1991-2013	
	MA II, Sem IV	A	d. 2014 to the present 3. John Rawls a) Theory of Justice b) Political Liberalism c) Law of People 4. Michel Foucault a) Power - Knowledge	7.
	FYBA G1	В	b) Govern mentality c) Critique of Modernity Unit: 8 Federal Election Commission a) Structure b) Functions c) Role	:=
	TYBA SPL IV	A	Unit 4: Contemporary Global Issues a) International Terrorism b) Environmental	
			c) Poverty, Development and Hunger d) Human Rights	
April 2024	MA I, Sem II	A	4. India as a Rising Power a. Soft power b. Maritime Strategies c. Economy d. Technology	
	MA II, Sem IV	A	5. Jürgen Habermas a) Public Sphere b) Ethics c) Cosmopolitanism	,

Signature of faculty Man A sipale

Head, Dept. of Political Sci.

DEPARTMENT OF POLITICAL SCIENCE G.M.D. Arts, B.W. Commerce And Science College, Sinnar

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Distance Department of Political Science

TEACHING PLAN (2023-24)

TERM-I

Name of Teacher: Dr.Rajendra Dilip Agwane

- 1) SYBA Introduction To Political Ideology C.C.1C (23164)
- 2) TYBA- Modern Political Analysis CC 1E (35163)
- 3) MA I- POL 512 MJ: Political Institutions in India
- 4) MA-I- POL 531 RM: Research Methodology
- 5) MA II- PO-C8 Political Sociology
- 6) MAII PO-O9 Indian Administration Structure and Organization

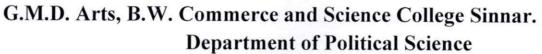
Month	Class	DIV	Topics to be taught	Remark
	SYBA G2	A	Unit 1: Ideology a) Origin, Meaning, Definition b) Nature c) Scope	
	TYBA G3	A	Unit 1: Introduction to Modern Political Analysis a) Meaning b) Nature - Difference between Traditional and Modern Political Approach c) Features of Modern Political Analysis	
Augest	MA I Sem I	A	Federal institutions a. Salient features of Indian federalism b. Strong Centre framework c. Autonomy and devolution d. Multilevel federalism	
2023	MA I Sem I	A	1. What is research? a. What is research? Need, Objectives and motivations for research b. Types of Research (Qualitative-Quantitative, Conceptual-Empirical) c. Philosophical foundations of social sciences d. Nature of scientific research	
	MA II,	A	1. Nature and Scope 2. Intellectual Foundations	
	Sem III		a) Karl Marx b) Max Weber	
	MA II,	A	3. Civil Services in India	
	Sem III		b) Recruitment Agencies- Union Public Service Commission and State Union Public	

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			Service c) Capacity Building of Civil Servants and Civil Service Reforms	Simil 03
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			Service Reforms	ONS
		В	Unit 2: Nationalism	
	SYBA G2		a) Meaning, Definitions and Elements	
			b) Progressive and Reactionary	
			c) Internationalism	
	TYBA G3	A	Unit 2: Political System	
			a) Meaning and Nature	
			b) Functions of the Political System	
			c) Classification of Political System : Gabriel	
			Almond	
		A	2. Legislature	
			a. Composition and powers	
	MA I Sem I		b. Norms of representation	
			c. Legislative supremacy	
			d. Relation with Executive	
		A	2. Stages of Research-I	
			a. Identifying research problem: formulating and	
			analyzing problems (local to global).	
	MATC		b. Theory and research: Deductive and inductive	
	MA I Sem I		theory	
September	-		c. Literature review: Book, journals, Digital tools	
2023			for literature search.	
			d. Research data: Primary and secondary sources	
			of data	
		A	2. Intellectual Foundations	
	MA II,		c) Behavioral Approach	
	C III		3. Political culture and Socialization	
	Sem III		a) Culture- Nature, Elements and Types	
			b) Socialization- Nature, Importance and Agencies	
		A	4. State Administration	
	MA II,	А	a) Chief Minister and Council of Ministers	
	,		b) Chief Secretary, State Secretariat and	
	Sem III		Directorates	
			c) Chief Minister Office	
		В	Unit 3: Democratic Socialism	
	SYBA G2	-	a) Meaning and Nature	
	STBA UZ		b) Features	
			c) Achievements and Limitations	1.
	TYBA G3	A	d) Unit 3: Political culture	
			a) Meaning	
			b) Basic Elements	
			c) Types	
		A	3. Executive	
			a. President- Functions and Role	
0.4.1	MA I Sem I		b. Prime minister: Functions and Role	
October			c. Principle of accountability to the legislature	
2023			d. Role of Governor	
		A	3. Stages of research-II	
	MA I Sem I		a. Variables: Types and features. Relation	
			between Variable and Concept.	
			b. Hypothesis: Formulation, Types,	

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	MA II,	A	Characteristics and its testing c. Methods of enquiry: Basic Quantitative tools Survey Method, Data analysis. d. Basic Qualitative tools-Observation, Interview, Ethnography, Content analysis 4. Political Participation and Public Opinion a) Meaning and Nature	0.M.0 + 32 175403 E
	MA II, Sem III	A	b) Levels and Factors affecting Political Participation c) Role of Public Opinion 5. Issues in Indian Administration a) Citizen Grievance Redressal Mechanism- Lok Pal, Lokayuta and Central Vigilance Commission	
	SYBA G2	В	b) Politician and Civil Servants Relations Unit 4: Fascism 11 a) Principles b) Factors responsible for the rise of Fascism c) Evaluation	
	TYBA G3	A	d) Unit 4: Political Socialization a) Meaning b) Agencies c) Types 4. Judiciary	
November 2023	MA I Sem I	**	a. Composition b. Judicial review and judicial activism c. Judicial interpretations of Fundamental Rights and Directive Principles d. Basic structure doctrine	
	MA I Sem I	A	4. Research Writing a. Designing research writing: Writing strategies for Thesis, dissertation, research article, book chapter, project report. b. Basic logical and analytical writing skills. c. Reference and citation: Bibliography, Annotated Bibliography, citation styles-MLA, APA, Chicago. d. Ethical issues: Plagiarism, scientific standards	
	MA II, Sem III	A	5. Political Development and Change a) Meaning and Nature b) Theories of Political Development c) Types of Political Change	
	MA II, Sem III	A	5. Issues in Indian Administration c) Combating Corruption / Generalists and Specialists Debate	

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TEACHING PLAN (2023-24)

TERM- II

Name of Teacher: Dr.Rajendra Dilip Agwane

- 1) SYBA Introduction To Political Ideology C.C.1C (24164)
- 2) TYBA- Modern Political Analysis CC 2E (36163)
- 3) MAI-POL 563 MJ: Indian Administration-Structure and Organization
- 4) MA II- PO-C11 Political Process in India
- 5) MAII PO-C12 Politics and Society

Month	Class	DIV	Topics to be taught	Remark
	SYBA G2	A	Unit 5: Marxism a) Historical Materialism b) Marxian State c) Neo Marxism	
	TYBA G3	A	Unit 1: Political Participation a) Meaning & Nature b) Levels of Participation c) Factors affecting Political Participation	
January 2024	MA I Sem II	A	Evolution and Constitutional Framework a) Evolution: Ancient, Medieval and British periods b) Constitutional Framework: Parliamentary System c) Federal Features d) Salient Features Indian Administration	
† = *	MA II, Sem IV	A	 1. Nature Of party and electoral politics a) One party dominance b) Competitive multi party system c) Collation Politics 	
	MA II, Sem IV	A	3. Politics, Society and Economy b) Class c) Caste	
,	SYBA G2	B - -	Unit 6: Phule-Ambekarism a) Equality b) Cast & Religion c) Democracy	

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February 2024	TYBA G3	A -	Unit 2: Political Elite a) Meaning b) Nature c) Different approaches of Mosca, Michels, Pareto, Burnham and C. wright Mills
	MA I Sem II	-	2. Central Administration a) Prime Minister and Council of Ministers b) Central and Cabinet Secretariat c) Prime Minister Office d) Relationship with Sate administration
	MA II, Sem IV	A	2. Centre –State Financial Relations a) Distribution of Financial Sources between Centre and State b) Role of Finance Commission c) NITI Ayog
	MA II, Sem IV	Α	4. Social Movements and Development a) Anti Corruption Movement b) Nirbhaya Movement
,	SYBA G2	В	Unit 7: Gandhism a) Truth and Non-Violence b) Theory of Gram Swaraj c) Satyagraha
	TYBA G3	A -	Unit 3: Political Communication a) Meaning b) Nature
March 2024	MA I Sem II	A	c) Agencies of Political Communication 3. Civil Services in India a) Classification- All India Central and State Services b) Recruitment Agencies- Union Public Service Commission and State Union Public Service c) Training of Civil servants in India d) Capacity Building of Civil Servants and Civil Service Reforms
	MA II, Sem IV	A	 3. Centre-State Political Relations a) Role of Governor b) Emergency Provisions. c) State Autonomy. 4. Social Determinants of State Politics a) Religion b) Caste
	MA II, Sem IV	A	4. Social Movements and Development c) Environmental Movement 5. Issues in Society and Politics a) The Politics of National Identity
April 2024	SYBA G2	B - -	Unit 8: Feminism a) Meaning and Nature b) Liberal Feminism c) Feminism in India: Caste and Patriarchy

	TYBA G3	A	Unit 4: Power, Influence, Authority and	
		-	Legitimacy	303
			a) Meaning, Nature of Power and Influence	The state of the s
			b) Different Types of Authority	
			c) Different Types of Legitimacy	
		Α	4. Issues in Indian Administration	
			a) Citizen Grievance Redressal Mechanism- Lok	
			Pal, Lokayuta and Central Vigilance	
	MA I Sem II		Commission	
			b) Politician and Civil Servants Relationsc) Combating Corruption	
			d) Generalists and Specialists Debate	
			d) Generalists and Specialists Debate	
		Α	4. Social Determinants of State Politics	
			c) Language	
	N / A Y I			
	MA II,		5. Politics of mass mobilization	
	Sem IV		a) Naxalite movements	
			b) Farmers movements	
			c) Civil society organizations	
	MA II,	A	5. Issues in Society and Politics	
			b) Ethnicity and Gender	
	Sem IV		c) Human Right	

Head, Dept. At Political Sci.

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TEACHING PLAN (2023-24)

TERM-I

Name of Teacher: ARUN AMBADAS POTE

CLASS AND SUBJECT:

- 1. FYBA INTRODUCTION TO INDIAN CONSTITUTION (11161)
- 2. POLITICAL JOURNALISM SPL II (23162)
- 3. TYBA- Public Administration Spl. III (35162)
- 4. MA I- Administrative Theory

5. MA II Indian Administration - Structure and Organization

Month	Class	DIV	Topics to be taught	Remark
-* :	FYBA G1	A	Unit 1: Making of the Indian Constitution a) Historical Background b) Constituent Assembly c) Preamble d) Salient Features	
	S.Y.B.A SPL- II	A	Political Journalism Unit 1: An introduction to Political Journalism a) Definition and Meaning b) Nature c) Scope	
	TYBA SPL III	A	Unit 1: Public Administration a) Meaning b) Nature c) Scope and Significance	
August 2023	MA I, Sem I	A	PO-C2: Administrative Theory 1. Public Administration a. Evolution of the Discipline b. Changing Nature of Public Administration c. Changing Role of Public Administration in Developing Societies	-
	MA II, Sem III	A	PO-O9 Indian Administration – Structure and Organization 1. Evolution and Constitutional Framework a) Evolution: Ancient, Medieval and British periods b) Constitutional Framework: Parliamentary and Federal Features c) Salient Features Indian Administration	
	FYBA G1	A	Unit 2: Fundamental Rights, Duties and Directive Principles a) Fundamental Rights b) Fundamental Duties c) Directive Principles of State Policy	
	S.Y.B.A SPL- II	A	Unit 2: Agencies of Political Journalism a) Print b) Electronic c) Web c) System approach d) Marxism	
Sept. 2023	TYBA SPL III	A	Unit 2: New Public Administration a) Evolution b) Salient Features c) Goals	
	MA I, Sem I	A	2. Major Approaches to Public Administration a. Bureaucratic Approach b. Decision Making Approach c. Ecological Approach 3. Theories of Public Administration a. Rational Choice Theory b. Comparative Public Administration c. Development Administration	

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	MA II,	A	2. Central Administration a) Prime Ministration	424
	Sem III		and Council of Ministers b) Central and	W9 * 3
			Cabinet Secretariat c) Prime Minister Office	10
		A	Unit 3: Federalism	
	FYBA G1		a) Salient Features of Indian Federalism b)	
	1 I Bit Gi		Centre –State Relations c) Issues of Conflict	
			(Water & Border Issues)	
	S.Y.B.A	A	Unit 3: History of Political Journalism a) Pre-	
	SPL- II		Independence b) Post-Independence c) World	
			History	
	TYBA	A	Unit 3: Approaches to Public Administration a)	
	SPL III		Traditional Approach b) Behavioural Approach c)	
Oct. 2023		A	System Approach 4. Principles of Organization	
		A	a. Hierarchy, Unity of Command, b. Span of	
	MA I, Sem I		Control – Centralization and Decentralization c. Line-	
			Staff Agencies	
		A	3. Civil Services in India a) Classification- All	
	MA II		India Central and State Services b) Recruitment	
			Agencies- Union Public Service Commission and State	
	Sem III		Union Public Service c) Capacity Building of Civil	
			Servants and Civil Service Reforms	
		A	Unit 4: Constitutional Amendments:	
			Scope and Limitations	
	FYBA G1		a) Constitutional Provisions.	
			b) Major Constitutional Amendment	
			(42, 44 & 86) c) Basic Structure of the Indian	
	CVDA		Constitution	
	S.Y.B.A	A	Unit 4: Methods of Political Journalism a) Reporting of Political Events b) Political	
	SPL- II		Interview c) Commentary of Legislation	
		A	Unit 4: Governance a) Idea of Good	
	TYBA	Λ	Governance b) E-Governance c) Public Private	
	SPL III			
	SI L III		Partnership	
Nov. 2023		A	5. New Trends in Public Administration a.	
			New Public Management b. Challenges of	
			Liberalization, Privatization 6. Governance	
	MA I, Sem I		a. Problems of Administrative Corruption b.	
			Ombudsman c. Lok Pal, Lok Ayukta	
		A	4. State Administration a) Chief Minister and	
	NA TI		Council of Ministers b) Chief Secretary, State	
	MA II,		Secretariat and Directorates c) Chief Minister	
	Sem III		Office	
			Office	

Head, Dept. of Political Sci.

HEAD
DEPARTMENT OF POLITICAL SCIENCE
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar

Principal
Principal
G.M.D.Arts, B.W. Commerce and
Science college, Sinnar, Dist. Nashik.

G.M.D. Arts, B.W. Commerce and Science College Sinnar,

Tal: Sinnar, Dist- Nashik-422103. Department of Geography

TEACHING PLAN (2023-24)

TERM-I

Name of Teacher: MR.SANDEEP BALASAHEB BHISE

CLASS AND SUBJECT:

FYBA - Gg- 110 (A) Physical Geography

SYBA - Gg.210 (A) Economic Geography- I

SYBA - Gg. 201 (A) Practical Geography – I (Scale and Map Projections)

SYBA- SEC -A Introduction to Geographical Information System (GIS)

TYBA - Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)

Month	Class	DIV	Topics to be taught	Remark
e e e e e e e e e e e e e e e e e e e	FYBA	В	1)Definitions of Physical Geography 2)Nature and scope of Physical Geography 3)Branches of Physical Geography 4) Introduction about the Earth system (Lithosphere, Atmosphere, Hydrosphere and Biosphere)	9 220 200 2
	CAND 4		 Definition, nature and scope of economic geography. Need and significance of economic 	-
	SYBA	Α	geography 3. Economic geography and its relation with social sciences	
August	8 × ·	s ²	Approaches of the study of economic geography	
2023		D : 1 II	1.Definition of Map 2. Elements of Map 3. Classification of Map:	
± ±	SYBA	Batch II	a. On the basis of scale:i) Small scale ii) Large Scaleb. On the basis of function:	
	2 2 2 1 _{2 2}	72	i) Physical ii) Cultural 4. Use of map	
	SYBA	-"	 Definition of GIS Stages of GIS Development Objectives of GIS Components GIS GIS Applications 	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		*	a. Introduction of Survey of India Toposheets: Marginal Information, Conventional signs and symbols and Colours	0 1
	TYBA	Batch I	in S.O.I. Toposheets. b. Types of toposheets / Indexing of	7. 7.
		9 .	toposheets c. Methods of Relief Representation i) Qualitative: Hachures, Hill shading, Layer	

* *		2		
200	64 45 m	1 1	Tint.	
		4.5	ii) Quantitative: Contours, Form lines, Bench	
× 4	*		Marks, Spot Heights, Triangulation Mark,	5.7
	e 'e s		Relative Height (r)	
0	FYBA	В	1) Interior of the earth	
		=	2)Wegner's Continental Drift Theory	
		8 .	3) Davis Concept of Cycle of erosion	
		A	Introduction and concept of economic	
et .	E C X	A	activity with problems and prospect	
	1 to	-	2. Primary activity	_
. V.	CANDA	2 to 6		8
e** o	SYBA		3. Secondary activity	v
			4. Tertiary activity	
			1. Definition of Map Scale.	* 9
	90% o	**	2. Types of Map Scale a. Verbal Scale	n _o
			b. Numerical Scale c. Graphical Scale	
Septemeber	29	빈	3. Conversion Scale (British and Metric	
		Batch II	System)	**
2023	SYBA		a. Verbal scale to Representative fraction	
ly said	12	-	b. Representative fraction into Verbal scale	19
0 5 5	a * 2	100	4. Construction of Simple Graphical scale	100
m2.1	Ti .		1	
			1.Spatial Data – Concept, Sources; Data	8
	-		Models – Raster & Vector	
	SYBA		2.Non-spatial Data – Concept, Sources; Data	41
	1. 8 =	a	Models – Relational, Network, Hierarchical &	,
, e	4.	14		
		*	Object-orientated	
	· ×	F	Reading of SOI toposheets from plain,	₹! *'
8 8		2	plateau and Mountainous region.	
	9 · *		One day field Excursion for orientation of	3 C G G
A 80	TYBA	Batch I	toposheets, observation and Identification of	* ^
	W 599		Geographical Features and Preparation of a	2 W
" = A	45	÷	Brief Report	
		E	A 2 3	
		В	1) Structure of the atmosphere	
	DITTO 4	2	2)Heat Balance	
	FYBA		3)Pressure belts and wind system	ű
	i i		4) Forms and types of Precipitation	
		A	1. Concept of resources	
			2. Renewable energy Resources	
			i. Hydro electricity ii. Solar energy	
16	CVDA	12 2	iii. Wind energy	
	SYBA		3. Non-renewable Resources	
	*	2 × 5	i. Coal, ii. Iron ore iii. Mineral oil	30
October			4. Conservation of resources	19
2023	*			
2023	*	Y 1	1.Definition and types of map projection	
S I ge	5 · · · · · · · · · · · · · · · · · · ·		2. Basic Concepts of Projection: Latitude,	8,
4			Longitude, Parallel of latitude, Meridian of	- CEC
	SYBA	Batch II	longitude, Prime meridian, Equator, Direction	
200	C _S = 1		3. Calculation of time basis on meridian and	
	7.		GMT	-
	SYBA	(=) =	1. Geo-referencing of Toposheet/Map	. 3
	e " B		2. Digitization of Point, Line & Polygon (at	3
19.47	<u>_</u>	-	least one layer of each)	
			Introduction to Weather Maps	
i i		Batch I	b. Symbols in Daily Weather Report used by	
	TYBA	Dutti 1	India Meteorological Department (IMD)	
3			maia Meteorological Departificit (IMD)	

	-		c. Isobaric Pattern	,
			d. Reading of Weather Map from i) Summer	5.
		140	ii) Monsoon iii) Winter Season	
		- *	1) Hydrological cycle	4
i 5.		-	2) General structure of ocean floor	8 8
		2 -	3)Waves and Tides	
	FYBA	В	4) Field Visit (Not more than one day) for	h
* ==			observations geographical places and	
d 5			landforms.	
		3	1. Role of Agriculture in Indian economy	
1 83.	* B . C . S		2. Factors influencing agriculture in India	
11 pl	7 × 1		a) Physical b) Socio-economic	
ea e agi	SYBA	A	c) Political and cultural	.540
	515.1		3. Agro-based industries in India	
	E.	*	a) Dairy industry b Cotton industry	
November			4. 4. Agro –Tourism	
1 1 1		7	1. Zenithal Projection	
2023	t o	16	a. Zenithal Polar Gnomonic Projection	H
	4	1	2. Conical Projection	-
= 3	SYBA	Batch II	a. Conical projection with one standard	
1			parallel/Simple conical projection	÷ ,
			3. Cylindrical Projection	
,	•		a. Cylindrical equal area projection	
	100 p. 10		4. Mercator projection	
8.8	SYBA	-	3. Data Attachment	
		la la	4. Creation of Layout and Map	
x =	1 × 4 ×	- "	a.Definition and Components of GIS	
2.	a		b. GIS Data Types (spatial and non-spatial),	
ra i ve			Raster and Vector data	224
	TYBA	Batch I	c. Introduction of Aerial Photographs &	
	E1		Satellite Images	
			d. Use of Computer open source Software for	
14		-	GIS & RS techniques in Geography	

Head, Dept. of Geography

HEAD. அயுக்கு நெரிப்பில் சிக்கிய நிரிப்பில் சிக்கிய சிக்

G.M.D. Arts, B.W. Commerce and Science College Sinnar, Tal: Sinnar, Dist- Nashik-422103.

Department of Geography

TEACHING PLAN (2023-24)

TERM- II

Name of Teacher: MR.SANDEEP BALASAHEB BHISE

CLASS AND SUBJECT:

FYBA - Gg- 110 (B) Human Geography

SYBA - Gg.210 (B) Economic Geography- II

SYBA - Gg. 201 (B) Cartographic Techniques, Surveying and Excursion / Village / Project

SYBA- SEC-B Introduction to Remote Sensing

TYBA - Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion / Village/ Project Report

Month	Class	DIV	Topics to be taught	Remark
	FYBA	В	1)Definitions of Human Geography	-
	*** ***	â	2) Nature and scope of Human Geography	
	e m	-	3) Branches and importance of Human	
			Geography	
	SYBA	A	1.Modes of Transportation and their cost	100
	F ₂ .		effectiveness Significance of	
	§		a) Road b) Rail c) Air	
			2.Treansportation cost of Major types	
*		* -	3, Types of Trade a) National	
	1 1 9 a		b) International	
	A.,	1	4.International trade of India	
	SYBA	Batch II	1. Definition of Cartography	
	- x	-	2. Development of cartography	21 11
	e e	S .	a. Traditional b. Modern	
			3. Use of Cartography	e ¹⁷
January	SYBA	-	1. Concept, Definition and Types of RS	
	12 868		2. Development of RS in India	1 1
2024	3	p	3. Stages in RS	5
	. ×	7.5	4. Electromagnetic Spectrum	
II G			5. Applications of RS	
	TYBA	Batch I	Introduction and Types of Geographical	59
			Data: i) Spatial and Temporal data	
х	12		ii)Discrete and Continuous	
			series	
	E		iii) Grouped and Ungrouped data	
			b. Basic Analysis:	
			i) Tally marks and frequency table	
	×		ii)Frequency distribution (histogram &	-
	>		polygon)	e 3
	5 E		iii)Cumulative Frequency & Ogive curve	
	·FYBA	В	1)Factors affecting on distribution of	
	LIDA	ט	population	

				e 8 - V
s i g	10 10 101		2) Theory of demographic transition	
107	8 ⁸⁰ 51 8		3) Composition of Indian population (Gender	1
* ,			and literacy)	
	SYBA	A	1. Factors influencing on location of industries.	. 0
25 10	N 20		2. Weber's theory of industrial location	
. =	si *	-	3. Major industrial regions in India	
	2 2 2		4. a) Iron and steel industry in India	
191	- %		b) Sugar Industry in Maharashtra	
	SYBA	Batch II	Techniques of representation of data	
	SIBN	Batter	(Use and limitations) a. Simple line graph	
			b. Simple bar Graph c. Pie diagram	
#	2.0		d. Choropleth Map e. Isopleth Method	
February		2	(Isoheight or Isothermal)	
V.	(*)		f. Flow diagram	
2024	SYBA	_	1. Elements of Visual Image Interpretation	1
	SIDN.		2. Visual Image Interpretation of Satellite	
(12	2	2:	Images i.e. IRS or LANDSAT	a a
00 ged	TYBA	Batch I	a. Meaning and description of central	
	IIDA.	Daten	tendencies- Mean, Mode, Median	a a
* * *	2	21	b. Calculation of Mean, Mode, Median for	
4.00	1 a = 1		and the control of th	
			ungrouped and grouped data	
			c. Measures of Dispersion: Mean Deviation	, a
4 4 5	- * T		& Standard Deviation	
	FYBA	В	1) Types and pattern of rural Settlements	
			2)Urbanisation in India	
	5	8 "	3) Urbanisation in Maharashtra	
	SYBA	A	1. Concept of regional planning and	
		= =	development. Their importance	
			2. Objectives of regional planning	-
	,		3. Regional and sectoral imbalance in India	
- 1	** ** **	(4.)	1. Definition of Surveying	
			2. Types of North Direction	
	N 27	-	(True, Magnetic and Grid North)	
			3. Types of Survey (Any three)	e."
		4	a. Plane Table Survey:	
			(Radiation Method and Intersection Method)	
	12		b. GPS Survey and plotting	-
		Batch II	c. Dumpy level Survey	
	SYBA	Butter 11	i) Rise and Fall Method	9.0
	g.		ii) Collimation Method	
	3	А.	4. Measurement of land:	8 E
N (- 1	4)	2	i) Measurement of survey field	-
March	_		ii) Example on measurement of area (Circle,	
2024	20.40	8 2 8	Square, Rectangle, Triangle, Uneven shape)	2
i e	9	9	iii) Conversion of area (hector into Acer,	
W 15	*	8 5 ⁸	Square km into square meter, Square meter to	#
	2 A		Square feet)	
8	SYBA		1. Image Downloading through Bhuvan/USGS	
	5. 11	ş ⁵	2. Layer Stacking	9
X 11	\$7% e		3. Image Enhancement	#!! X ¹
E	e 35		4. Image Classification - Unsupervised	- "
	TYBA	Batch I	a) Meaning, Definition of Hypothesis &	
	Ta A.	ν ⁶ ,	Types of Hypothesis i) Null & Alternative	
a la constant	4		hypothesis ii) Level of significance, iii)	н.
		N	Degree of freedom b) Concept of Correlation	Set
			and regression	e
		L	min 10010001011	

1 6	, x v		I. Concept of bivariate correlation &	
	o'a		Regression	
	*		II. Meaning of coefficient of correlation	
			III. Parametric & Non parametric tests:	1
			i) Chi-square test	5
+ ,		, a * *	IV. Calculation of Spearman Rank order	
	FYBA	В	1)Types of Agriculture	
	u.		2) Factors affecting on Agriculture activity	X
1	5 5		3) Problems of Indian agriculture	
*	SYBA	A	1. Concept of rural development	
	300		2. Index of rural development	
	a a		3. Various schemes of government for rural	
	,	1	development a) IRD Programme b) DPAD	
		- 1	Programme	
April	SYBA	Batch II	Study tour to places of geographical interest	- ×
2024	ē:	· -	anywhere in the country Or Socio- economic	
202.	a Fa		survey of village/city	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
g G	SYBA	-	3. Image Enhancement	
		A	4. Image Classification - Unsupervised	6
	TYBA	Batch I	1.One Short tour of two days duration and	1 1
	B #		preparation of tour report/ Village / City /	
VI A		0 5 8	Area Survey and preparation of report	

BL,

Head, Dept. of Geography

HEAD

DEPARTMENT OF GEOGRAPHY

G.M.D. Arts, B.W. Commerce G.M.D. Arts B.W. Commerce & Science
And Science Colle Sinnar College, Sinnar, Disc. sashik

College, Sinnar, Disc. sashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar,

Tal: Sinnar, Dist- Nashik-422103. Department of Geography



TEACHING PLAN (2023-24)

TERM-I

Name of Teacher: DR. BALASAHEB RAJARAM TAMBE

CLASS AND SUBJECT:

FYBA - Gg- 110 (A) Physical Geography

SYBA - Gg. 201 (A) Practical Geography - I (Scale and Map Projections)

TYBA - Gg.310 (A) Geography Of Disaster Management- I

TYBA - Gg: 301(A) Practical Geography - I (Techniques of Spatial Analysis)

Month	Class	DIV	Topics to be taught	Remark
	n _j		1)Definitions of Physical Geography	
	-	-	2)Nature and scope of Physical Geography	
	-:	В	3)Branches of Physical Geography	
	FYBA		4) Introduction about the Earth system	
	1 4 4	5 E 2	(Lithosphere, Atmosphere, Hydrosphere and	
			Biosphere)	
		# # **	1.Definition of Map 2. Elements of Map	
	1 2 ×		3. Classification of Map:	
		Batch II	a. On the basis of scale:	
	SYBA	· · · · · · · · · · · · · · · · · · ·	i) Small scale ii) Large Scale	
	\$14 K		b. On the basis of function:	
			i) Physical ii) Cultural	
	g II "	2	4. Use of map	
	TYBA		a) Meaning and definition of H a z a r d s	
September	-		and Disasters	
2023			b) Geographical conditions and disasters	1931
2023	5		c) Classification of Disasters	
			a. Introduction of Survey of India	
	8 _		Toposheets: Marginal Information,	
	-		Conventional signs and symbols and Colours	
	TYBA	Batch I	in S.O.I. Toposheets.	
· way			b. Types of toposheets / Indexing of	12
		n = *	toposheets	8
			c. Methods of Relief Representation	* 1.
		-	i) Qualitative: Hachures, Hill shading, Layer	:4
	*		Tint.	
	The second		ii) Quantitative: Contours, Form lines, Bench	#100 180
	596		Marks, Spot Heights, Triangulation Mark,	×
	31	±	Relative Height (r)	
	FYBA	В	1) Interior of the earth	
			2)Wegner's Continental Drift Theory	
			3) Davis Concept of Cycle of erosion	100

	SYBA	Batch II	Definition of Map Scale. Types of Map Scale a. Verbal Scale Numerical Scale c. Graphical Scale Conversion Scale (British and Metric System) Verbal scale to Representative fraction	
			b. Representative fraction into Verbal scale 4. Construction of Simple Graphical scale	
October	TYBA		a) Concept of management b) Aims and objectives	
2023		Y .1	c) Pre-disaster management and Post – disaster management	a
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	TYBA	Batch I	Reading of SOI toposheets from plain, plateau and Mountainous region. One day field Excursion for orientation of toposheets, observation and Identification of Geographical Features and Preparation of a	
		a a	Brief Report	
	FYBA	В	1) Structure of the atmosphere 2) Heat Balance 3) Pressure belts and wind system 4) Forms and types of Precipitation	Section 1
	SYBA	Batch II	1.Definition and types of map projection 2. Basic Concepts of Projection: Latitude, Longitude, Parallel of latitude, Meridian of longitude, Prime meridian, Equator, Direction 3. Calculation of time basis on meridian and	
November	TVD		GMT	12.50
2023	TYBA		a) Structure of disaster management - Preparedness, Response, Recovery, Mitigation, Rehabilitation b) Standard operating procedure of disasters management on government level c) Role of media	
	TYBA	Batch I	Introduction to Weather Maps b. Symbols in Daily Weather Report used by India Meteorological Department (IMD) c. Isobaric Pattern d. Reading of Weather Map from i) Summer	
* 2 ° Q		, s	ii) Monsoon iii) Winter Season 1) Hydrological cycle 2) General structure of ocean floor	
	FYBA	В	3) Waves and Tides 4) Field Visit (Not more than one day) for observations geographical places and landforms.	986 - 1
	SYBA	Batch II	Zenithal Projection a. Zenithal Polar Gnomonic Projection Conical Projection a. Conical projection with one standard	
gfolg &	SIDA	Datell II	parallel/Simple conical projection	A grant

9 E I	79 -		3. Cylindrical Projection	
D 1			a. Cylindrical equal area projection	
December		N mag	4. Mercator projection	
2023	TYBA		a) Hail Storm and Cloud Burst	0.71
			a) Tropical Cyclones and Storms	
		- X	b) Droughts and Floods	
	10		a.Definition and Components of GIS	
			b. GIS Data Types (spatial and non-spatial),	
			Raster and Vector data	
	TYBA	Batch I	c. Introduction of Aerial Photographs &	
	10.00		Satellite Images	
			d. Use of Computer open source Software for	
			GIS & RS techniques in Geography	

Head, Dept. of Geography

Her Department of Geography, G.M.D. Arts, B.W. Commerce & Science College Sinnar Dist Nasil

Principal
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College, Sinnar, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar,

Tal: Sinnar, Dist-Nashik-422103.

Department of Geography

TEACHING PLAN (2023-24)

TERM- II

Name of Teacher: DR. BALASAHEB RAJARAM TAMBE

CLASS AND SUBJECT:

FYBA - Gg- 110 (B) Human Geography

SYBA - Gg. 201 (B) Cartographic Techniques, Surveying and Excursion / Village / Project

TYBA - Gg.310 (B) Geography Of Disaster Management- II

TYBA - Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report

Month	Class	DIV	Topics to be taught	Remark
#	FYBA	В	1)Definitions of Human Geography	
			2) Nature and scope of Human Geography	÷-
			3) Branches and importance of Human	
		ä ,	Geography	
	SYBA	Batch II	1. Definition of Cartography	
			2. Development of cartography	
		292	a. Traditional b. Modern	
	42		3. Use of Cartography	
	TYBA		a) Earthquakes b) Landslides c) Tsunami	2:
	TYBA	Batch I	Introduction and Types of Geographical	v
	- 7		Data: i) Spatial and Temporal data	
= .			ii)Discrete and Continuous	
			series	
	^ -	× ×	iii) Grouped and Ungrouped data	
uan ii	e a	# # # # # # # # # # # # # # # # # # #	b. Basic Analysis:	
January		n^{\parallel}	i) Tally marks and frequency table	
2024	Th. a		ii)Frequency distribution (histogram &	*
202.	7 2	,	polygon)	x)
		8	iii)Cumulative Frequency & Ogive curve	
. ~	FYBA	В	1)Factors affecting on distribution of	
		_	population	
		S .	2) Theory of demographic transition	
			3) Composition of Indian population (Gender	
	8		and literacy)	
	SYBA	Batch II	1. Techniques of representation of data	X
	×		(Use and limitations) a. Simple line graph	
	H1 8: 18	7	b. Simple bar Graph c. Pie diagram	
	10 000	9 9	d. Choropleth Map e. Isopleth Method	
		8 -	(Isoheight or Isothermal)	

5 y	NA ₂		f. Flow diagram	
	TYBA		a) Deforestation	
	£	3	b) Forest fire	
	1		c) Soil degradation	
February	TYBA	Batch I	a. Meaning and description of central	
		14 15	tendencies- Mean, Mode, Median	,/00
2024	1 2 6		b. Calculation of Mean, Mode, Median for	
			ungrouped and grouped data	
		_	c. Measures of Dispersion: Mean Deviation	
		2 20	& Standard Deviation	
	FYBA	В	Types and pattern of rural Settlements	
	TIDA		2)Urbanisation in India	
	2.00		3) Urbanisation in Maharashtra	
			1. Definition of Surveying	
		8.	2. Types of North Direction	
			(True, Magnetic and Grid North)	
	8.6	-		
	2 f 30		3. Types of Survey (Any three)	
	=		a. Plane Table Survey: (Radiation Method and Intersection Method)	
	1 2			
			b. GPS Survey and plotting	
	SYBA	Batch II	c. Dumpy level Survey	
	SIDA	E	i) Rise and Fall Method	20
	* * * * * * * * * * * * * * * * * * *		ii) Collimation Method	
	*1		4. Measurement of land:	
	_		i) Measurement of survey field	
		25 (2	ii) Example on measurement of area (Circle,	
	* * * * *	- E	Square, Rectangle, Triangle, Uneven shape)	
e ve			iii) Conversion of area (hector into Acer,	
March		2 11 2	Square km into square meter, Square meter to	
	- mr rp 1		Square feet)	
2024	TYBA		a) Global warming	
	2 × *		b) Ozone depletion	
	8.		c) Marine Pollution	*
	TYBA	Batch I	a) Meaning, Definition of Hypothesis &	*
	×	4	Types of Hypothesis i) Null & Alternative	
	1 22 1	- "	hypothesis ii) Level of significance, iii)	
			Degree of freedom b) Concept of Correlation	
			and regression	
	1 to 1 to 1		I. Concept of bivariate correlation &	
			Regression	
			II. Meaning of coefficient of correlation	
		10 10	III. Parametric & Non parametric tests:	
	w a		i) Chi-square test	
	9	e ⁿ ∞	IV. Calculation of Spearman Rank order	
<u> </u>	FYBA	В	1)Types of Agriculture	
	TIDA	L D	2) Factors affecting on Agriculture activity	
	a .	2	3) Problems of Indian agriculture	
	·SYBA	Batch II	Study tour to places of geographical interest	_
	SIDA	Daten II		
	n 2 " "		anywhere in the country Or Socio- economic	
	TIVE 4		survey of village/city	7
	TYBA		a) Tsunami in Indian Ocean -2004	
	97 41 21		b) Fukushima Nuclear Disaster -2011	
			c) Kedarnath Cloud Burst -2013	

April	TYBA	Batch I	1.One Short tour of two days duration and	
2024			preparation of tour report/ Village / City /	
		t E	Area Survey and preparation of report	

Head, Dept. of Geography

He

Department of Geography, G.M.D. Arts, B.W. Commerce & Science College, Sinnar, Dist. Nasik Principa

Principal
G.M.D. Arts, B.W. Commerce & Science
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G.M.D. Arts, B.W. Commerce and Science College Sinnar,

Tal: Sinnar, Dist- Nashik-422103.

Department of Geography

Geography



TERM- I

Name of Teacher: MR.LALIT ASHOK KALASKAR

CLASS AND SUBJECT:

FYBA - Gg- 110 (A) Physical Geography

SYBA - Gg.220 (A) Geography of Maharashtra - I

SYBA - Gg. 201 (A) Practical Geography – I (Scale and Map Projections)

TYBA-320 - A Geography of India - I

TYBA- SEC -2C Research Methodology - I

TYBA - Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)

N	Month	Class	DIV	Topics to be taught	Remark
	. 7	FYBA	C	1)Definitions of Physical Geography	1
	19	6		2)Nature and scope of Physical Geography	
		37		3)Branches of Physical Geography	
		740		4) Introduction about the Earth system	
	101	R + T		(Lithosphere, Atmosphere, Hydrosphere and	
1	0.08	5 E 2	υ.	Biosphere)	i je
	* - 1 ³	SYBA	A	1. Historical and Political Background of the	,
				state	
	August			2. Geographical location of State	
	2023	4	÷:	3. Adjoining States	
	2023	0 9 6		4. Administrative Divisions	
		SYBA	Batch II	1.Definition of Map 2. Elements of Map	
		,,,=,,=,=,=,=		3. Classification of Map:	
			9	a. On the basis of scale:	
1		,		i) Small scale ii) Large Scale	
		113 2	0 h	b. On the basis of function:	
1	4.6	983	£.	i) Physical ii) Cultural	
	4.1		2 2 4	4. Use of map	
	1.	TYBA	N	Meaning and objectives of research ii.	
				Characteristics of Research iii. Types of	
		7 280		Research iv. Various steps in Research	(6)
1	30	, \$5 ·		Process	* .
		TYBA	Batch I	a. Introduction of Survey of India	
		TIDA	Daten	Toposheets: Marginal Information,	
	10	Tan T			
		×		Conventional signs and symbols and Colours	
-	- AII 1 8 8		4	in S.O.I. Toposheets.	o2-
				b. Types of toposheets / Indexing of	
		92		toposheets	
				c. Methods of Relief Representation	
				i) Qualitative: Hachures, Hill shading, Layer	
		1.8		Tint.	
			2 2	ii) Quantitative: Contours, Form lines, Bench	
				Marks, Spot Heights, Triangulation Mark,	

- 1			Relative Height (r)	*
. 6.	TYBA	A	a) Location and Extent b) Historical Background	N
			c) International boundaries of India and related	
	(#)	X.	issues d) States and Union territories	1 2
e ur	FYBA	В	1) Interior of the earth	
2 X			2)Wegner's Continental Drift Theory	
, 1 A A		a i	3) Davis Concept of Cycle of erosion	
	SYBA	A	1. Geological Structure of Maharashtra.	
W.5	SIDA	11	2. Physical Structure (Mountain, plateau, Plains)	
	(X	e s	3. Drainage Pattern (East and West flowing	
5	g et al		rivers)	E)
~	1		4. Major Soil types and Distribution	
	SYBA	Batch II	1. Definition of Map Scale.	
	SIDA	Daten ii	2. Types of Map Scale a. Verbal Scale	
- ×	15		b. Numerical Scale c. Graphical Scale	
8 2	. F		1	
	4		3. Conversion Scale (British and Metric	
	#: #		System)	
	8	N 19 T	a. Verbal scale to Representative fraction	
		. A.	b. Representative fraction into Verbal scale	
September	100		4. Construction of Simple Graphical scale	
September		-	B 25 1	
2023	TYBA	-	Introduction of Research Design ii. Purpose	
2023			of Research Design iii. Characteristics of	
	· · · · · ·		Good Research Design	
	TYBA	Batch I	Reading of SOI toposheets from plain,	
	TIDA	Datell		
		E F.	plateau and Mountainous region.	125
	* " . *		One day field Excursion for orientation of	
			toposheets, observation and Identification of	
			Geographical Features and Preparation of a	
		×	Brief Report	
	a 18		* * v	1 2
	TYBA	A	a) The Northern Mountains b) The North Indian	
af n n	¥5		Plains c) The Peninsular Plateau d) The Costal	
			lowlands and Islands	, e
	FYBA	В	1) Structure of the atmosphere	
	Ke -		2)Heat Balance	
	- v = **	9	3)Pressure belts and wind system	
			4) Forms and types of Precipitation	*
	SYBA	A	1. Climatic Regions of Maharashtra	
	J.DA.	1.	2. Distribution of Rainfall	
	n "			
	£3		3. Draught prone areas- Problems and	
October			Management	=_2
OCIODEI	2 Y X		4. Flood areas - Problems and Management	
2023	SYBA	Batch II	1.Definition and types of map projection	
			2. Basic Concepts of Projection: Latitude,	
		142	Longitude, Parallel of latitude, Meridian of	
		1	longitude, Prime meridian, Equator, Direction	
	* * *	e ²	3. Calculation of time basis on meridian and	
	. 8	41	GMT	
* * *	TYDA		3 Definitions of the Research Problem ii.	
	VIZA		The state of the s	
	TYBA			
	7 × (6)		Identification of a Research Problem	
	TYBA	Batch I	Introduction to Weather Maps	
	7 × (6)	Batch I		
	7 × (6)	Batch I	Introduction to Weather Maps	

			and the second s	
	9		d. Reading of Weather Map from i) Summer	7.
	a to t	1.0	ii) Monsoon iii) Winter Season	
	TYBA	A	a) Himalayan Rivers: The Indus, The Ganga,	9
1 2	112.1	1 . Ta	The Brahmaputra b) East Flowing Rivers-	524
	g w a		Mahanadi, Godavari, Krishna, Kaveri c) Major	
	S.		West Flowing Rivers- Narmada, Tapi, Mahi d)	
	52"		Minor West Flowing Rivers originating in	
		e B	Western Ghat	r .
	FYBA	В	1) Hydrological cycle	
		a. " a	2) General structure of ocean floor	
			3)Waves and Tides	H.
4 N _X	y	* 1 *	4) Field Visit (Not more than one day) for	a a
	n @	, -	observations geographical places and	
	~ ⁴	i.	landforms.	
	SYBA	A	1.Water :Problems in Utilization and	0 Y
4 F		-	conservation	
* * *	2		2. Forest: Types and Conservation	8 .
	#1 1		3. Mineral; Iron ore, Manganese and Bauxite	n 14
***			4. Power: Hydro, Thermal, Atomic	
	SYBA	Batch III	1. Zenithal Projection	
November		119 41	a. Zenithal Polar Gnomonic Projection	127
November	ν,		2. Conical Projection	
2023	€		a. Conical projection with one standard	
	-		parallel/Simple conical projection	
			3. Cylindrical Projection	
	41.8	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	a. Cylindrical equal area projection	
		0	4. Mercator projection	
	TYBA		3 Technique involved in defining a problem	04
- "		Dili		A 1-
	TYBA	Batch I	a.Definition and Components of GIS	, =
		=	b. GIS Data Types (spatial and non-spatial),	1
			Raster and Vector data	
* , =			c. Introduction of Aerial Photographs &	
	11	F 2	Satellite Images	
- "	2 0		d. Use of Computer open source Software for	
	=		GIS & RS techniques in Geography	
2 20	TYBA	A	a) Various Seasons and Weather Associated with) F
	Y ₂ .		them b) Types of Soils and its Distribution c) Soil	
			Degradation and Conservation d) Types of	
			Natural Vegetation and its Distribution	

Head, Dept. of Geography

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Principal

DEPARTMENT OF G G M.D Arts, B.W. And Science Colle

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G.M.D. Arts, B.W. Commerce and Science College Sinnar,

Tal: Sinnar, Dist- Nashik-422103.

Department of Geography

TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: MR.LALIT ASHOK KALASKAR

CLASS AND SUBJECT:

FYBA - Gg- 110 (B) Human Geography

SYBA - Gg.220 (B) Geography of Maharashtra - II

SYBA - Gg. 201 (B) Cartographic Techniques, Surveying and Excursion / Village / Project

TYBA- SEC-2C Research Methodology - II

TYBA- 320 -B Geography of India – II

TYBA - Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report

Month	Class	DIV	Topics to be taught	Remark
	FYBA	В	1)Definitions of Human Geography	
			2) Nature and scope of Human Geography	
			3) Branches and importance of Human	
			Geography	
	SYBA	A	1. Importance of Agriculture in Economy of	1
	n 16	-	Maharashtra 2. Major Crops - Wheat, Rice,	
			Jawar, Bajra. 3. Cash Crops and Horticulture -	
			Cotton, Sugarcane, Pomegranate, Grapes. 4.	
	75.		Problems of agriculture in Maharashtra.	
	SYBA	Batch II	1. Definition of Cartography	
		8	2. Development of cartography	
			a. Traditional b. Modern	
	42	_	3. Use of Cartography	
	TYBA	-	A) Primary Data Questionnaire Method i.)	
	-		Questionnaire – definition ii.) Characteristics	
			of a good questionnaire iii.) Merits and	
January		-	demerits Questionnaire Method	
2024	TYBA	Batch I	Introduction and Types of Geographical	
	19.50		Data: i) Spatial and Temporal data	-
	20		ii)Discrete and Continuous	
	540		series	
		-	iii) Grouped and Ungrouped data	(4) →
	5 PS 6		b. Basic Analysis:	
			i) Tally marks and frequency table	26 ° 0

			ii)Frequency distribution (histogram &	
			polygon)	
			iii)Cumulative Frequency & Ogive curve	
	TYBA	A	a) Religions of India b) Languagesof India c)	
			Major tribes, tribal areas and their problems	

	FYBA	В	1)Factors affecting on distribution of	
	1 1 1 1 1 1		population	
	*		2) Theory of demographic transition	a)
			3) Composition of Indian population (Gender	
			and literacy)	_
	SYBA	A	Population distribution of Maharashtra 2.	
	SIDA	A	Population composition - Sex Ratio, Literacy,	
	20	E 10 10	Occupational structure, Migration 3. Rural and	
	- E		Urban Settlements 4. Potential of Major Cities in	
	*	. н	Maharashtra – Mumbai, Pune, Nagpur	
	SYBA	Batch II		
	SIDA	Daten II	1. Techniques of representation of data	+ 15.
			(Use and limitations) a. Simple line graph	
			b. Simple bar Graph c. Pie diagram	
February			d. Choropleth Map e. Isopleth Method	
,	-		(Isoheight or Isothermal)	
2024	1		f. Flow diagram	
	TYBA	-	B) Secondary Data i) Government Sources	
	5		ii) Syndicated Sources iii) Other Types of	
	JA.		Sources	
	TYBA	Batch I	a. Meaning and description of central	-
			tendencies- Mean, Mode, Median	
	1 2	g 85 g	b. Calculation of Mean, Mode, Median for	
			ungrouped and grouped data	
	(A)		c. Measures of Dispersion: Mean Deviation	
			& Standard Deviation	
	TYBA	A	a) Role of Transportation in regional	1.0
	44.		development of India b) Land ways, Airways and	4);
			Waterways c) Developments in communication	
			technology	
	FYBA	В	1) Types and pattern of rural Settlements	
			2)Urbanisation in India	-
	=		3) Urbanisation in Maharashtra	
	SYBA	Α	1. Concept of Rural Development 2.	
	1		Parameters of Rural Development 3.	
			Schemes For Rural Development 4. Case	
		A	Studies – Hivare Bazar and Ralegan Siddhi	
	-			
	CIVID 4	Detail II	(Ahmednagar), Patoda (Aurangabad)	
	SYBA	Batch II	1. Definition of Surveying	
			2. Types of North Direction (True, Magnetic	× .
	e*		and Grid North)	
			3. Types of Survey (Any three)	
			a. Plane Table Survey: (Radiation Method and	4.5
	** at****		Intersection Method)	
		::	b. GPS Survey and plotting	
			c. Dumpy level / Auto level survey	
			i) Rise and Fall Method	
			ii) Collimation Method	
March	=		d. Demonstration of Total Station	
March			4. Measurement of land:	2.2
2024	19		i) Measurement of survey field	
		-	ii) Example on measurement of area (Circle,	
	I .	I .	Square, Rectangle, Triangle, Uneven shape)	
	10		iii) Commencian of	
	a		iii) Conversion of area (hector into Acer,	
	. D	G 2 4	iii) Conversion of area (hector into Acer, Square km into square meter, Square meter to Square feet)	

	TYBA	-	i. Dissertation and Thesis, ii) Research paper, review article iii) Characteristics of Good Research Report Writing	
	TYBA	Batch I	a) Meaning, Definition of Hypothesis &	
, , ,			Types of Hypothesis i) Null & Alternative hypothesis ii) Level of significance, iii)	
			Degree of freedom b) Concept of Correlation and regression I. Concept of bivariate	
4.		÷	correlation & Regression II. Meaning of	.*
	-		coefficient of correlation III. Parametric & Non parametric tests: i) Chi-square	
		, ,	test IV. Calculation of Spearman Rank order	
	TYBA	Α	a) Iron ore and Manganese b) Coal and Petroleumc) Hydro and Thermal Power	
	FYBA	В	1)Types of Agriculture	
3 E	2 00	0.17	Factors affecting on Agriculture activity Problems of Indian agriculture	
	SYBA	A	1. Growth and development of tourism in	
5 1 20 20 20 20	ar Tar		Maharashtra 2. Tourism Potential of Maharashtra 3. Agro-Tourism 4. Role of MTDC	
April	SYBA	Batch II	Study tour to places of geographical interest anywhere in the country Or Socio- economic	
2024	TVDA		survey of village/city	
* * * * * * * * * * * * * * * * * * *	TYBA	-	i) Structure and organization of research reports: Title, abstract, key words,	
		1	introduction ii) Methodology, results, discussion, conclusion, references, footnotes, iii) Concepts of Case Study	
28	TYBA	Batch I	1.One Short tour of two days duration and	
	¥ (#)	Service of	preparation of tour report/ Village / City / Area Survey and preparation of report	
	TYBA	A	a) Significance of agriculture in Indian Economy. b) Agro Based Industries: Sugar, Cotton &	
ar N safe	19	-	Textile c) Agriculture Revolution in India: Green, White & Blue	

Head, Dept. of Geography

Bla

Principal Principal G.M.D. Arts

GM.D Arts, B.W. C. 3e
And Science Sellege, Sinnar

PHY College Stream, Co. 123thk

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Defence & Strategic Studies

TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: MR.PAWAR RAJENDRA VISHWANATH

- 1. FYBA (A) INDIAS NATIONAL SECURITY(11272)
- 2. SYBA (S1) INDIA'S INTERNAL SECURITY II (24271)
- 3. TYBA(G3) INDIA'S NATIONAL SECURITY POLICY AND STRATEGY II (36273)
- 4. TYBA(S3) REGIONAL ORGANIZATIONS (36271)
- 5. M.A DS-2.1-PEACE AND CONFLICT STUDIES

Month	Class	DIV	Topics to be taught	Remark
	FYBA	A	Meaning and Concept of National Security	
	SYBA-S1	A	1.Jammu and Kashmir Problem	
January	TYBA-G3	A	1.India's Maritime Policy	
2023	TYBA-S3	A	1.SAARC(South Asian Association For Regional Cooperation)	
	M.A-DS-	A	1.Understanding Peace and Conflict	
	2.1			
	FYBA	A	2. Challenges to India's National Security	
February	SYBA-S1	A	2.Naxalite Problems	
2023	TYBA-G3	A	2.Non Aligned Movement	
350	TYBA-S3	A	2.EU (European Union)	
	M.A-DS- 2.1	A	2.Conflict Management and Conflict Resolution	
	FYBA	A	3. Non-conventional Threats to India's National Security	

				1 5
March	SYBA-S1	A	3.Terrorism	
2023	TYBA-G3	A	3.India's Look East and Act East policy	
	TYBA-S3	A	3.ASEAN (Association of Southeast Asian Nations) 4.OPEC (Oil Products & Experts Countries Organization (OPEC)	
	M.A-DS-	A	3.UN System of Managing and Resolving	
	2.1		Conflict	
	FYBA	A	4.India's Indian Ocean Policy	
April	SYBA-S1	A	4.Cyber Crime in India	
2023	TYBA-G3	A	4.India's South Asian Policy	
	TYBA-S3	A	5.BIMSTEC 6.BRICS	
	M.A-DS-	A	4.Conflict, Peace and Security	
	2.1	and description of the second		

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik Department of Defence & Strategic Studies

TEACHING PLAN (2023-2024)

TERM-II

Name of Teacher: MR.KHURCHE DIPAK KACHRU

- 1. FYBA (B) INDIAS NATIONAL SECURITY(11272)
- 2. SYBA (G2) CHHATRAPATI SHIVAJI MAHARAJ MILITARY SYSTEM (24273)
- 3. SYBA(S2) MILITARY GEOGRAPHY (24272)
- 4. TYBA(S4) MODERN WARFARE (36272)
- 5. M.A DS-2.2- DEFENCE ECONOMICS

Month	Class	DIV	Topics to be taught	Remark
	FYBA-G1	A	1.Meaning and Concept of National Security	
	FYBA-G1	A	1.Meaning and Concept of National Security	
January	SYBA-G2	A	1.Organization of Maratha Army under Shivaji Maharaj Building	
2023	SYBA-S2	A	1.Military Geography	
ġ.	TYBA-S4	A	1.War	
	M.A-D.S-2.2	A	An introduction to the study of Defence Economics	
	FYBA-G1	A	2. Challenges to India's National Security	
	FYBA-G1	A	2. Challenges to India's National Security	
February 2023	SYBA-G2	A	2.Ch Shivaji as a Guerilla Leader	
	SYBA-S2	A	2.Geo-strategy	
	TYBA-S4	A	2.Conventional Warfare	
	M.A-D.S-2.2	A	2.Critical Analysis of Defence Expenditures	
	FYBA-G1	A	3. Non-conventional Threats to India's National Security	



				100
March	FYBA-G1	A	3. Non-conventional Threats to India's National Security	
2023	SYBA-G2	A	3.Organization of Fort under Shivaji Maharaj	
	SYBA-S2	A	3.Geography and Warfare	
	TYBA-S4	A	3.Revolutionary War and Low Intensity Conflicts	
	M.A-D.S- 2.2	A	. Economic Instruments of Security Policy	
	FYBA-G1	A	4.India's Indian Ocean Policy	
*	FYBA-G1	A	4.India's Indian Ocean Policy	
	SYBA-G2	A	4.Ch Shivaji the Father of Indian Navy	
April 2023	SYBA-S2	A	4. Warfare in different Terrains	
	TYBA-S4	A	4.Chemical and Biological Warfare	
	M.A-D.S-2.2	A	4.India's Defence Expenditures	

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TEACHING PLAN (2023-2024)

TERM- II

Name of Teacher: MR.ZADE SAGAR BALU

- 1. M.A2.3 MILITARY GEOGRAPHY
- 2. M.A 2.4 INDIAS NATIONAL SECURITY
- 3. M.A DS-4.1- INDO-PACIFIC SECURITY ARCHITECTURE: CHALLENGES AND PROSPECTS
- 4. M.A DS-4.2- INDIA'S NATIONAL SECURITY
- 5. M.A DS-4.3- INDIA'S EXTERNAL SECURITY ENVIRONMENT AND POLICY OPTIONS
- 6. M.A DS-4.4- INDIAN STRATEGIC THOUGHT AND CULTURE

Month	Class	DIV	Topics to be taught	Remark
	M.A (DS-2.3)	A	Comprehensive understanding of India's National Security	
	M.A (DS-2.4)	A	1. The Structure of the United Nations	
	M.A (DS-4.1)	A	1. The Idea of Indo-Pacific	
January 2023	M.A (DS-4.2)	A	Conceptual Understanding of India's National Security issues	
500	M.A (DS-4.3)	A	1 Introduction 2. Historical and Current situation	
	M.A (DS-4.4)	A	1. Conceptualizing Strategic Culture	
	M.A (DS-2.3)	A	2. Challenges and Threats	
	M.A (DS-2.4)	A	2.UN in Global Peace and Security	
February	M.A (DS-4.1)	A	Power and Security Architecture and Power Shifts in Indo-Pacific	
2023	M.A (DS-4.2)	A	2. Challenges and Threats	
191	M.A (DS-4.3)	A	3. The Law and Maritime Security	
	M.A (DS-4.4)	A	Strategic Culture and International Relations Theory Understanding Indian Strategic Culture	



	M.A (DS-2.3)	A	3. Approaches to the problem of Internal Security	
	M.A (DS-2.4)	A	3. Reforming the United Nations	
March 2023	M.A (DS-4.1)	A	3. Traditional and Non-Traditional Dimensions of Security in the Indo-Pacific 4. The Grand Strategies of the Great Powers in the Indo-Pacific	
2023	M.A (DS-4.2)	A	Approaches to the problem of Internal Security Case Studies in India	.1
	M.A (DS-4.3)	A	Preventing Measures and Security Procedures	
	M.A (DS-4.4)	A	4. Sources of Indian Strategic Culture 5. Strategic Culture and National Security Policy Making	
	M.A (DS-2.3)	A	4. Case Studies in India	
	M.A (DS-2.4)	A	4. Transnational civil society actors and the quest for security	
April	M.A (DS-4.1)	A	5. Prospects and Challenges in Indo-Pacific Security Architecture	
2023	M.A (DS-4.2)	A	5. India's External Security Environment and Policy options	
	M.A (DS-4.3)	A	5. Actual events 6. Threats to the maritime transport industry	
	M.A (DS-4.4)	A	Strategic culture and use of forces Applying Strategic Culture in Indian context	

HEAD

Department of Defence & Strategic Studies
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G. M. D. Arts, B. W. Commerce and
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Defence & Strategic Studies

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR.PAWAR RAJENDRA VISHWANATH

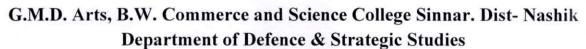
- 1. FYBA (A) DEFENCE ORGANISATION OF INDIA (11271)
- 2. SYBA (S1) INDIA'S INTERNAL SECURITY I (23271)
- 3. TYBA(G3) INDIA'S NATIONAL SECURITY POLICY AND STRATEGY I (35273)
- 4. TYBA(S3) INTERNATIONAL ORGANIZATIONS (36271)
- 5. M.A DS-1.1-KEY CONCEPT OF NATIOANLA SECURITY AND STRATEGIC STUDIES

Month	Class	DIV	Topics to be taught	Remark
	FYBA	A	1.Meaning and Concept of Structure of Organisation	
	SYBA-S1	A	1.Jammu and Kashmir Problem	
January	TYBA-G3	A	1.India's Maritime Policy	
2023	TYBA-S3	A	1.SAARC(South Asian Association For Regional Cooperation)	
	M.A-DS- 1.1	A	1.Understanding Peace and Conflict	
	FYBA	A	2. Challenges to India's National Security	
February	SYBA-S1	A	2.Naxalite Problems	3.7
2023	TYBA-G3	A	2.Non Aligned Movement	
*	TYBA-S3	A	2.EU (European Union)	
	M.A-DS- 1.1	A	2.Conflict Management and Conflict Resolution	
	FYBA	A	3. Non-conventional Threats to India's National Security	

				M's
March	SYBA-S1	A	3.Terrorism	
2023	TYBA-G3	A	3.India's Look East and Act East policy	
	TYBA-S3	A	3.ASEAN (Association of Southeast Asian Nations) 4.OPEC (Oil Products & Experts Countries Organization (OPEC)	
	M.A-DS-	A	3.UN System of Managing and Resolving	
	1.1		Conflict	
	FYBA	A	4.India's Indian Ocean Policy	
April	SYBA-S1	A	4.Cyber Crime in India	
2023	TYBA-G3	A	4.India's South Asian Policy	
	TYBA-S3	A	5.BIMSTEC 6.BRICS	
	M.A-DS-	A	4.Conflict, Peace and Security	
	1.1			

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TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR.KHURCHE DIPAK KACHRU

CLASS AND SUBJECT:

1. FYBA (B) DEFENCE ORGANISATION OF INDIA (11271)

2. SYBA (G2) CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER (23273)

3. SYBA(S2) GEOPOLITICS (23272)

4. TYBA(S4) CONTEMPORARY WARFAE (35272)

5. M.A DS-1.2- INTERNATIONAL RELATIONS

Month	Class	DIV	Topics to be taught	Remark
	FYBA-G1	A	1.Meaning and Concept of National Security	
	FYBA-G1	A	1.Meaning and Concept of National Security	
January	SYBA-G2	A	1.Organization of Maratha Army under Shivaji Maharaj Building	
2023	SYBA-S2	A	1.Military Geography	
	TYBA-S4	A	1.War	
	M.A-D.S-2.2	A	An introduction to the study of Defence Economics	
k i	FYBA-G1	A	2. Challenges to India's National Security	
	FYBA-G1	A	2. Challenges to India's National Security	
February 2023	SYBA-G2	A	2.Ch Shivaji as a Guerilla Leader	
	SYBA-S2	A	2.Geo-strategy	
*	TYBA-S4	A	2.Conventional Warfare	
	M.A-D.S-1.2	A	2.Critical Analysis of Defence Expenditures	

	FYBA-G1	A	Non-conventional Threats to India's National Security	-1
	FYBA-G1	A	Non-conventional Threats to India's National Security	
March 2023	SYBA-G2	A	3.Organization of Fort under Shivaji Maharaj	
	SYBA-S2	A	3.Geography and Warfare	
	TYBA-S4	A	3.Revolutionary War and Low Intensity Conflicts	
	M.A-D.S- 1.2	A	. Economic Instruments of Security Policy	
	FYBA-G1	A	4.India's Indian Ocean Policy	
,	FYBA-G1	A	4.India's Indian Ocean Policy	
	SYBA-G2	A	4.Ch Shivaji the Father of Indian Navy	
April 2023	SYBA-S2	A	4. Warfare in different Terrains	
	TYBA-S4	A	4.Chemical and Biological Warfare	
	M.A-D.S-1.2	A	4.India's Defence Expenditures	-

Department of Defence &
Strategic Studies
G.M.D.Arts, B.W.Commerce and
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik Department of Defence & Strategic Studies

TEACHING PLAN (2023-2024)

TERM-I

Name of Teacher: MR.ZADE SAGAR BALU

- 1. M.A1.3 INTRODUCTION TO GEOPOLITICS
- 2. M.A 1.4 CYBER SECURITY
- 3. M.A DS-3.1- RESEARCH METHODOLOGY
- 4. M.A DS-3.2- CONTEMPORARY AND CRITICAL SECURITY STUDIES
- 5. M.A DS-3.3- INDIA'S DEFENCE MANAGEMENT AND NATIONAL SECURITY APPARATUS
- 6. M.A DS-3.4 INDIAN MILITARY HISTORY

Month	Class	DIV	Topics to be taught	Remark
	M.A (DS-1.3)	A	Comprehensive understanding of India's National Security	
	M.A (DS-1.4)	A	1. The Structure of the United Nations	
	M.A (DS-3.1)	A	1. The Idea of Indo-Pacific	
January 2023	M.A (DS-3.2)	A	Conceptual Understanding of India's National Security issues	
	M.A (DS-3.3)	A	1 Introduction 2. Historical and Current situation	
	M.A (DS-3.4)	Α	1.Indias National Geography studies	
	M.A (DS-1.3)	A	2. Challenges and Threats	
	M.A (DS-1.4)	A	2.UN in Global Peace and Security	
February 2023	M.A (DS-3.1)	A	Power and Security Architecture and Power Shifts in Indo-Pacific	
	M.A (DS-3.2)	A	2. Challenges and Threats	
	M.A (DS-3.3)	A	3. The Law and Maritime Security	

	M.A (DS-3.4)	A	Strategic Culture and International Relations Theory Understanding Indian Strategic Culture	
×	M.A (DS-1.3)	A	3. Approaches to the problem of Internal Security	
	M.A (DS-1.4)	A	3. Reforming the United Nations	
March	M.A (DS-3.1)	A	3. Traditional and Non-Traditional Dimensions of Security in the Indo-Pacific 4. The Grand Strategies of the Great Powers in the Indo-Pacific	i e
2023	M.A (DS-3.2)	A	Approaches to the problem of Internal Security Case Studies in India	
	M.A (DS-3.3)	A	4. Preventing Measures and Security Procedures	
Σ.	M.A (DS-3.4)	A	Sources of Indian Strategic Culture Strategic Culture and National Security Policy Making	
	M.A (DS-1.3)	A	4. Case Studies in India	η
	M.A (DS-1.4)	A	4. Transnational civil society actors and the quest for security	·
April	M.A (DS-3.1)	A	5. Prospects and Challenges in Indo-Pacific Security Architecture	
2023	M.A (DS-3.2)	A	5. India's External Security Environment and Policy options	
	M.A (DS-3.3)	A	5. Actual events 6. Threats to the maritime transport industry	
	M.A (DS-3.4)	A	6. Strategic culture and use of forces 7. Applying Strategic Culture in Indian context	

→ HEAD
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