



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report



Department भराति

Academic Year 2024-25

Month फेब्रु-24-25

Narve of Teacher

डा. शिवाजी प्र. निर

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	बी.ए. प्रथम	II	PSC II (P)	100%	100%	48	100%	
2	बी.ए. बी.एस्सी. बी.डॉक्ट. डिग्री	IV	IV SL	100%	100%	24	100%	
3	बी.ए. डिग्री	IV	VII OR+	100%	100%	47	100%	
4	बी.ए. एनय	V	SEC XIII	100%	100%	45	100%	
5	बी.ए. एनय	VI	GE XIV	100%	100%	46	100%	

Signature
Of

श्रीमती (प्रि.)

(Assistant/Associate Professor)

HOD

Principal

श्रीमती (प्रि.)



Vasantirao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 202 - 2

Department HINDI

Month Dec 2024 - Apr 2025 Name of Teacher Dr. Jolane B K

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1)	BAFY (DSC)	II		100 %	100 %	26	100 %	
2)	BAFY (VSC)	II		100 %	100 %	42	100 %	
3)	BASY (OPT).	IV	VII opt	100 %	100 %	41	100 %	
4)	BATY (SEC)	VI		100 %	100 %	52	100 %	
5)	BATY (GE)	VI		100 %	100 %	25	100 %	

Signature
Of

(Assistant/Associate Professor)

HOD

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department HINDI

Month

नवंबर, दिसंबर, जनवरी
फरवरी, मार्च, अप्रैल

Name of Teacher Mr. Rathod Sunita

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1)	BAFY DSC	II	IV	हिंदी नाट्य सां.	100 %	29	100 %	
2)	BAFY DSC practice	II	IV	हिंदी नाट्य सां.	100 %	30	100 %	
3)	BA, Bcom, BSc sy	IV	SL	सामान्य हिंदी	100 %	28	100 %	
4)	BASY	IV	opt	सुकांती सां.	100 %	56	100 %	
5)	Bcom, BSCFY	II	GE	हिंदी की राष्ट्रीय कमिटी	100 %	30	100 %	
6)	BATY	VI	DSC III	साहित्यशास्त्र	100 %	58	100 %	
7)	BATY	VI	GE II	हिंदी में साहित्य	100 %	29	100 %	

Signature [Signature]
Of
(Assistant/Associate Professor)

[Signature]
HOD.

[Signature]
Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department तेद

Month Dec - March

Name of Teacher अतिथि प्राध्यापिका

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1.	BA FY AEC-1	II nd	AEC-1	As per Teaching plan	100 %	29	100 %	
2.	BSc FY AEC-1	II nd	AEC-1	As per Teaching plan	100 %	29	100 %	
3.	BCom FY AEC-1	II nd	AEC-1	As per Teaching plan	100 %	29	100 %	
4.	BA FY SL	IV th	SL	As per Teaching plan	100 %	29	100 %	
5.	BSc FY SL	IV th	SL	As per Teaching plan	100 %	29	100 %	
6.	BCom FY SL	IV th	SL	As per Teaching plan	100 %	29	100 %	

opt. BA + Hindi
Signature [Signature]
Of
(Assistant/Associate Professor)

HOD [Signature]

Principal [Signature]



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024/25

Department English

Month Dec 24 to April 25 Name of Teacher Dr. K.T. Mahajan

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Sc. 5 th	IV		100%	100%	66	100%	
2.	BAFY	II		100%	100%	25	100%	
3.	BA 1 st Y (GE)	XI		100%	100%	50	100%	

Signature
Of
(Assistant/Associate Professor)

HOD.

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department English

Month January to April

Name of Teacher Chandrasekhar C.M.

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.PHY	II	SECT II	Unit I - I Banding Unit I sentence T. Unit II T. passage Unit III Basic Grammar Unit IV T. passage Unit V. study page	Unit I - T. Unit II sentence Unit III - T. P. Unit IV - T. P. Unit V - T. P.	37	100%	
	B.COMFY 3 BSCFY	II	B.E. II	Unit I Basic Grammar Unit II T. passage Unit III. study page	Unit I - T. P. Unit II - T. P. Unit III - T. P. Unit IV - T. P. Unit V - T. P.	30	100%	
	B.COMFY	III	Comp Eng P. III	Unit I - P. 100 Unit II: poetry Unit III: grammar	Unit I: P. 100 Unit II: poetry Unit III: grammar	35	100%	
	B.ASY	III	P. III	Unit I, II, III & IV & V	Unit I, II, III, IV & V	48	100%	
	B.ATY	VI	P. XII	Unit I Unit II Unit III Unit IV Unit V	Unit I - I Unit II - II Unit III Unit IV Unit V	47	100%	

(Assistant/Associate Professor)

Signature
OF
HOD

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2023-24

Department English

Month Sept-24

Name of Teacher Dr. Vasant Harskal

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lectures	Syllabus Planned and Completed in Percentage	Remark
1	B.AFY	II	II	Comedy, Tragedy, Genre of the world, variety of the world, movies in cinema	Comedy, Tragedy, Genre of the world, variety of the world, movies in cinema	45	100%	-
2	B.ASY	IV	IV	Prose, Poetry, Grammar	Prose, Poetry, Grammar	50	100%	
3	B.Com-SY	IV	IV	Poetry, Grammar	Poetry, Grammar	22	100%	
4	B.ASY	IV	VIII	Background, poem, Essay, Theories	Background, poem, Essay, Theories	45	100%	
5	B.ASY	VI	XIV	Theories, Essay	Theories, Essay	46	100%	

Signature

Of

(Assistant/Associate Professor)

HOD

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department History

Month Dec. to March

Name of Teacher

Dr. Jankar A.R.

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.A.F.Y.	II	DSL part 1 & 2	15 per cent	100%	80	100%	
	B.A.F.Y.	II	NSF part 1 & 2	15 per cent	100%	40	100%	
	B.A.S.Y.	IV	VIII	15 per cent	100%	60	100%	
	B.A.T.Y.	VI	DSL	15 per cent	100%	60	100%	
	B.A.T.Y.	VI	GE	15 per cent	100%	60	100%	
	B.A.T.Y.	VI	SE part 1 & 2	15 per cent	100%	30	100%	

Signature

Of

(Assistant/Associate Professor)

HOD

Dr. Jankar A.R.



Vasant Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department History

Month Dec - March

Name of Teacher Dr. Shila S. Behane

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1.	B.A.F.y.	II	VSC-1	AS Per teaching Plan	100%	13	100%	
2.	B.A.S.y.	IV	CC-4A -VII	AS Per teaching Plan	100%	49	100%	
3.	B.A.T.y.	VI	SEC-10	AS Per teaching Plan	100%	42	100%	

Signature Dr. Shila S. Behane
05/04/2025

OF Dr. Shila S. Behane
(Assistant/Associate Professor)

HOD

Principal



Monthly Syllabus Completion Report

Department Sociology

Academic Year 2024-25

Month Dec-2024

April, 2025

Name of Teacher Dr. Devraj K. Darade

Sl. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lectures	Syllabus Planned and completed in Percentage	Remark
6.	B.A.-T.Y.	VI	DSE-I B-1	Unit-I, II, III	Unit-I	43	100%	
7.	B.A.-T.Y.	VI	DSE-2 B-2	Unit-I, II, III	Unit-I	24 (50%)	100%	1

[Signature]
Signature
OF

(Assistant/Associate Professor)

HOD

[Signature]

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Commerce

Month March-2025

Name of Teacher Dr. Sannake A.C.

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Com. F.Y.	II nd	F.A/c	100%	100%	52	100%	
2	B.Com. F.Y. B.Sc. F.Y.	II nd	GE/OE	100%	100%	24	100%	
3	B.Com. S.Y.	IV th	Cost.	100%	100%	52	100%	
4	B.Com. S.Y.	IV th	Insu.	100%	100%	25	100%	
5	B.Com. T.Y.	IV th	M.A/c	100%	100%	52	100%	
6	B.Com. T.Y.	VI th	BRF.	100%	100%	43	100%	

Signature

Of

(Assistant/Associate Professor)

Dr. Sannake A.C.

HOD

Principal



Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Commerce

Month Dec to March

Name of Teacher V. M. Chaudhary



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.COM F.Y	II	P.M	100%	100%	48	100%	
2	B.COM S.Y	IV	COX-ALC	100%	100%	43	100%	
3	B.COM S.Y	IV	INS	100%	100%	24	100%	
4	B.COM T.Y	VI	ADAIC	100%	100%	42	100%	
5	B.COM T.Y	VI	D.Tax	100%	100%	43	100%	

Signature
Of

(Assistant/Associate Professor)

HOD

Principal



Vasant Rao Naik Mahavidyalaya, Ch. Sambhajinagar.

Monthly Syllabus Completion Report

Academic Year 2024-2025



Department: Physics Months: Nov 24 to March 25 Name of the Teacher : Manisha Ghogare

Sr. no.	Class	Semester	Paper no	Syllabus planned	Actual syllabus completed	Total no. of lectures	Syllabus planned and completed in %	Remarks
1	FYBSc	II	111	Unit 1,2,3	Unit 1,2,3	30	100	Notes, Study material provided, PPTs prepared & uploaded on Google classrooms, Tests conducted after each unit which consists of MCQ and Theory questions, problems frequently asked in university exams are solved. Problem solving exercises, Match the pair activity, Crossword solving, Wall paper, Pre-practical exam, University question paper pattern workshop, Student Seminars conducted, guest lecture activity conducted. Mentor-mentee sessions conducted.
2	SYBSc	IV	112 + 111	Unit 1,2,3,4	Unit 1,2,3,4	43	100	
3	TYBSc	VI	112 + 111	Unit 1,2,3,4	Unit 1,2,3,4	44	100	


Manisha Ghogare

Associate Professor


HOD


Principal

Academic Year 2024-25

Months: (December 2024 to March-2025)

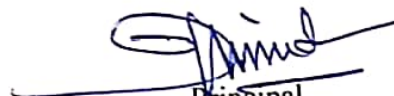
Name of Teacher- Dr. Jagdish V. Bharad



				S and E / Z Nomenclature. Conformation : chair and boat form of cyclohexane				
03	B. Sc F Y (NEP)	Fundamentals of Chemistry-2 (DSC-3) II nd Sem	Unit- III Chemical Kinetics	Chemical Kinetics Rate of reaction. Definition and units of rate constant. Factors affecting rate of reaction. (Nature of reactant. Concentration, pressure, temperature and catalyst.) Order and Molecularity of reaction. Zero-order reaction. First order reaction, Characteristics of first-order reaction. examples. Pseudo-unimolecular reactions, examples. Second order reaction: Derivation of rate constant for equal and unequal concentration of the reactants. Characteristics of Second order reaction. Numerical on First order and second order reactions. Arrhenius equation, Concept of energy of activation.	09	95%	--	


 Professor
 Dr. Jagdish V. Bharad


 HOD


 Principal

Vasantrao Naik Mahavidyalaya Chh. Sambhajinagar

Syllabus Completion Report (Half Yearly)

Academic Year 2024-25

Department of Chemistry

Month: December 2024 to March 2025

Name of Teacher- Dr. Jagdish V. Bharad



Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. T. Y.	VI - Sem. Applied Chemistry (CHE-612) Paper-XII	Unit I	Parameters of instrumental analysis	07	100%	Use PPT, Videos, Chalk Board method
			a) Parameters of instrumental analysis	Techniques, Methods, Procedures, and Protocols, Selecting an Analytical Method, Accuracy, Precision, Sensitivity, Selectivity, Robustness and Ruggedness, Scale of Operation, equipment, Time, and Cost, Making the Final Choice, Developing the Procedure, Calibration and Standardization, Sampling, Validation, Protocols	08		
02	B. Sc. T. Y.	VI - Sem. Applied Chemistry (CHE-612) Paper-XII	Unit- II	Nuclear Magnetic Resonance (NMR/PMR)	07	100%	---
			a) Nuclear Magnetic Resonance (NMR/PMR)	Introduction, Principles, chemical shift, shielding, & deshielding effect. Measurement of chemical shift, TMS reference, peak area, integration, spin-spin coupling, coupling constants, J-value, problems based on NMR Combined problems based on U.V. I.R. and NMR	08		
			Unit- II	Mass Spectroscopy			
			b) Mass Spectroscopy	Introduction, Basic theory, Nature of mass spectrum, Importance of molecular ion peak, isotopic peaks, base peak, nitrogen rule, rule of 13f or determination of empirical formula and molecular formula. Fragmentation pattern of compounds upto 5 carbons - aldehydes, ketones, alkyl halides and alcohols			

		03	VI - Sem. Applied Chemistry (CHE-612) Paper-XII B. Sc. T. Y.	Unit-III h) High Performance Liquid Chromatography High Performance Liquid Chromatography Introduction. Types of liquid chromatography (liquid-solid, liquid-liquid, bonded phases). Choice of mode of separation. Equipment for HPLC: mobile phase, sample injection and column design (mobile phase, optimization of mobile phase, gradient elution, solvent delivery and sample injection, sample injection system, the column (effect of column length and column diameter), Choosing the Detector, Ultraviolet detector, Luminescence detector, RI detector, electrochemical detector, Column efficiency; HPLC chromatogram and its characteristics (retention time, peak height, peak area), method of quantitative analysis by HPLC area). Example: determination of aspirin, phenacetin and caffeine in a mixture, numerical.	07	95%	Topic completed using PPT, videos, Chalk Board
06	b) Gas Chromatography			Gas Chromatography Introduction. Apparatus: A supply of carrier gas from a high-pressure cylinder, Sample injection system and derivatization, the column (Packed columns, Open tubular columns), the detector (properties, hotwire detector or TCD, FID, ECD), Quantitative analysis by GC (Area normalization method and internal standard addition method), Elemental analysis, numerical			

Professor
Dr. Jagdish V. Bharad



THOD



Principal




Vasantrao Naik Mahavidyalaya, Chhatrapati Sambhajnagar
Syllabus Completion Report (Half Yearly)
Academic Year 2024 - 25



Department of Chemistry

Class : - B.Sc. S.Y. & T.Y.(SEM - IV ,VI)

Month: (November & April)

Name of Teacher- Dr. Jaishree Jalsingh Chamargore

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned and Completed in %	Remark
01	B. Sc. S. Y.	IV th Sem. Inorganic Chemistry VII	Introduction to Coordination Compounds	Double salt and coordination compound, basic definitions: coordinate bond, ligand, types of ligands, chelate, central metal ion, charge on complex ion, calculation of oxidation state of central metal ion, metal ligand ratio; Werner's work and theory, Effective atomic number, equilibrium constant. chelate effect, IUPAC nomenclature. Tutorial	06	100%	Black Board Method Use PPT, Videos through online teaching method
02	B. Sc. S.Y.	IV th Sem. Inorganic Chemistry VII	Isomerism in coordination complexes	Introduction, polymerization isomerism, ionization isomerism, hydrates isomerism, linkage isomerism, coordination isomerism, coordination position isomerism, geometric isomerism, optical isomerism. Tutorial	04	100%	Chalk & Duster method Use PPT



03	B. Sc. S. Y.	IV th Sem. Inorganic Chemistry VII	Valence Bond Theory of Coordination Compounds	Aspects and assumptions of VBT, applications of VBT on the basis of hybridization to explain the structure and bonding in $[\text{Ag}(\text{NH}_3)_2]^+$, $[\text{Ni}(\text{Cl}_4)]^{2-}$, $[\text{Ni}(\text{CN})_4]^{2-}$, $[\text{Cr}(\text{H}_2\text{O}_6)]^{3+}$, $[\text{Fe}(\text{CN})_6]^{3-}$ (Inner orbital complex) and $[\text{FeF}_6]^{3-}$ (outer orbital complex). Use of observed magnetic moment in deciding the geometry in complexes with C.N.4, limitations of VBT Test	06 01	100%	Chalk & Duster method Use PPT
03	B. Sc. S.Y	IV th Sem. Inorganic Chemistry VII	Crystal Field Theory	Shapes of d-orbitals, Crystal field Theory (CFT): Assumptions, Application of CFT to i) Octahedral complexes (splitting of 'd' orbitals in Oh ligand field, effect of weak and strong ligand fields, colour absorbed and spectrochemical series, crystal splitting energy, Crystal field stabilization energy and factors affecting it, tetragonal distortion in $\text{Cu}(\text{II})$ complexes) ii) Square planar complexes and iii) Tetrahedral complexes; spin only magnetic moment of Oh and Td complexes Tutorial	12	100%	—



04	B. Sc. S.Y.	IV th Sem. Inorganic Chemistry VII	Molecular Orbital Theory of Coordination Compounds	Electro-neutrality principle, multiple bonding ($d\pi-p\pi$ and $d\pi-d\pi$), Nephelauxetic effect and Nephelauxetic series (Recapulation from VBT and CFT), Need and introduction of MOT, Assumptions, MO treatment to octahedral complexes with sigma bonding, Formation of MO's from metal orbitals and Composite Ligand Orbitals (CLO), MO correlation diagram for octahedral complexes with sigma bonding, effect of π bonding on MO correlation diagram, Charge transfer spectra, Advantages of MOT over VBT and CFT Tutorial	10	100%	—
05	B. Sc. S. Y.	IV th Sem. Inorganic Chemistry VII	Inorganic Qualitative Analysis	Basic principle, common ion effect, solubility, solubility product, preparation of original solution, classification of basic radicals in groups, separation of basic radicals, removal of interfering anions (phosphate and borate), detection of acid radicals	07	100%	—



06	B.Sc T.Y	Inorganic Chemistry XI	Metal Carbonyls	Definition of Organometallic compounds and Organometallic chemistry, CO as a π-acid donor ligand, binary metal carbonyls, classification of metal carbonyls, synthesis of metal carbonyls; (a) Direct reaction (b) Reductive carbonylation (c) Photolysis and thermolysis. Structure of $M(CO)_4$, $Mn_2(CO)_{10}$, $Fe(CO)_5$, $Fe_2(CO)_9$ Hapticity, Molecular and electronic structures of binary metal carbonyls, Electron count in complexes (18 electron rule). Tutorial	10	100%	—"
07	B.Sc T.Y.	Inorganic Chemistry XI	Inorganic solids/ Ionic liquids of technological importance	Inorganic solids, Preparation of inorganic solids: Conventional heat and beat methods, Co-precipitation method, Sol-gel method and Hydro-thermal method Tutorial	05	100%	—"
08	B.Sc T.Y.	Inorganic Chemistry XI	Catalysis	Introduction and types of Catalysis, basic principles, activity and selectivity in catalysis, Types of catalysis, homogeneous	08	100%	—"



				catalysis in the synthesis of high value chemicals. Homogeneous catalysis: catalytic cycles for following reactions: a) Hydrogenation of olefins using Wilkinson complex, b) Hydroformylation of olefins using Cobalt and Rhodium complexes, Tutorial			
09	B.Sc T.Y.	Inorganic Chemistry XI	Chemistry of Zeolites	Historical Background, Natural and artificial Zeolites, Zeolite Framework Types: Classification, Nomenclature, Database of Zeolite Structures, Channels, Building Units, Natural Tiles, Framework Density, Coordination Sequences, Zeolite Structures: Framework Composition, Extra-framework Species, Stacking Faults and Disorder, Synthesis of Zeolites: Introduction, Basic Zeolite Synthesis. Test	07	100%	--
10	B.Sc T.Y.	Inorganic Chemistry XI	Metals and Semiconductors	Introduction, Metallic bonding, Band theory in metals with respect to Na along with m(E) and N(E) diagrams, Electrical conductivity	08	100%	--



				of metals (Na, Mg, Al), Valence electrons and conductivity of metals, Effect of temperature and impurity on electrical conductivity of metals Semiconductors, types of Semiconductors: I. Intrinsic II. Extrinsic, effect of temperature and impurity on semi conductivity, n & p type semiconductors ZnO and NiO, Superconductivity: Discovery, property, models, structure and superconductivity, low and high temperature superconductors, applications of superconductors			
11	B.Sc . T.Y.	Inorganic Chemistry XI	Inorganic Reaction Mechanism	Basic concepts of stability and lability, stability constants, Factors affecting lability, chelate effect. Classification of inorganic reactions, ligand substitution reactions: Intimate and stoichiometric mechanism of ligand substitution. Substitution Reactions in Four Coordinated square planar complexes: Trans effect and Trans effect series, applications of trans effect,	07	100%	--

At H. O.D.

Principal

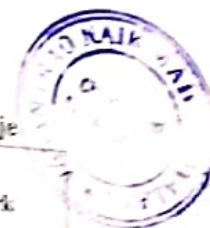
Charanagore J.J.
Asst. Professor

Sambhajinagar Mahavidyalaya Chh. Sambhajinagar
Syllabus Completion Report
Academic Year 2024-25

B. Sc SY (IV-Sem)

Month: Dec. 2024 to March 2025

Name of Teacher- **Dr. Balaji R. Madje**



Department of Chemistry

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. S. Y.	IV - Sem. Organic Chemistry Paper-VIII	Infrared Spectroscopy	Introduction, Simple Harmonic oscillator, Modes of vibration, force constant, Vibrational spectrum of a diatomic molecule: Vibrational Energy expression. Allowed vibrational energies, zero-point energy, Selection rule, Vibration- rotation Spectra: Born-Oppenheimer approximation, Energy expression for vibrational rotor, Interpreting IR Spectra functional group and fingerprint region. Infra-red spectroscopy in organic molecules, IR spectra of alkanes, alkenes and simple alcohols (inter and intramolecular hydrogen bonding), aldehydes, ketones, carboxylic acids and their derivatives (effect of substitution on $>C=O$ stretching absorptions Problems)	10	100%	Use PPT, Chalk Board method
02	B. Sc. S. Y.	IV - Sem. Organic Chemistry Paper-VIII	Raman Spectroscopy	Introduction, Classical and Quantum theory of Raman Effect, Rayleigh, Stokes and anti-stokes lines, pure rotational Raman spectra of linear diatomic molecules	04	100%	Topic completed using PPT Chalk Board
03	B. Sc. S. Y.	IV - Sem. Organic Chemistry Paper-VIII	Dyes and Pigments	Dyes: Introduction, qualities of good dye, Colour constituents (Chromophore, auxochrome), classification of dyes according to their application, Synthesis and uses of following dyes: Nitroso dye-martin yellow, Azo dyes-Methyl orange and aniline yellow, Triphenylmethane dye-Crystal violet, Phthalein dye - Phenolphthalein, Xanthene-Fluorescein, Anthraquinone-Alizarin and Indigo dyes - Indigo. Pigments: Introduction, classification and general properties of pigments. Inorganic pigments: i) Zinc oxide pigments (Fundamentals and properties, Raw materials, Direct process (American process), Precipitation process) ii) Iron oxide pigments (Fundamentals and properties, Production of iron oxide pigment by precipitation process)	08	100%	Topic completed using PPT Chalk Board

Vasant Rao Naik Mahavidyalaya Chh. Sambhajinagar

Syllabus Completion Report

Academic Year 2024-25

B. Sc FY (II-Sem)

Department of Chemistry

Month: Dec. 2024 to March 2024

Name of Teacher- Dr. Balaji R. Madje



Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. F. Y.	II - Sem. VSC	UNIT-I Soaps and Detergents	Soaps and Detergents Soap-Introduction. Types of soaps - Toilet soaps, washing soaps. Liquid soap. TFM and grades of soaps. Bathing bars. Saponification process, cleansing action of soap. Detergents-Introduction. Types of detergents - anionic, cationic, non-ionic and amphoteric detergents. Common detergent additives. Enzymes used in commercial detergents. Comparison between soaps and detergents. Environmental aspects. Shampoos Manufacture of SL.S and SL.J.S. Ingredients. Functions. Different kinds of shampoos - antidandruff, anti-lice, herbal and baby shampoos. Manufacture of conditioners	13	100%	Topic completed using PPT Chalk Board

Professor

Dr. Balaji R. Madje

HOD

Principal

Vasant Rao Naik Mahavidyalaya, Chh. Sambhajinagar
Monthly Syllabus Completion Report

Academic Year-2024-25
 Month: November-March (16/11/2024 to 22/03/2025)



Name of Teacher: Dr. V. C. Khilare

Department: Botany

Sr. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus Completed	Total lectures	Syllabus completed in percentage	Remark
01	B. Sc. FY	I	DSC-3	Mycoplasma, Bacteria, Cryptogams, Lichen, Type algae, Type Fungi	Mycoplasma, Bacteria, Cryptogams, Lichen, Type algae, Type Fungi	29	100%	
02	B. Sc. SY	IIV	BOT 311	Plant & Environment A. Climatic factors, B. Edaphic factors, C. Pollution factor 1. Response of plants to water 2. Phytoecogeography, Community Ecology, Ecosystem Plant identification Origin of angiosperms Binomial nomenclature Modern trends in taxonomy Families: Lythraceae, Rutaceae, Oleaceae, Verbenaceae, Asteraceae, Combrataceae, Capparidaceae, Anacardaceae, Meliaceae, Orchidaceae, Zingiberaceae	Plant & Environment A. Climatic factors, B. Edaphic factors, C. Pollution factor 1. Response of plants to water 2. Phytoecogeography, Community Ecology, Ecosystem Plant identification Origin of angiosperms Binomial nomenclature Modern trends in taxonomy Families: Lythraceae, Rutaceae, Oleaceae, Verbenaceae, Asteraceae, Combrataceae, Capparidaceae, Anacardaceae, Meliaceae, Orchidaceae, Zingiberaceae	30	100%	
03	B. Sc. TY	VI	BOT-612 (A)	Plant identification Origin of angiosperms Binomial nomenclature Modern trends in taxonomy Families: Lythraceae, Rutaceae, Oleaceae, Verbenaceae, Asteraceae, Combrataceae, Capparidaceae, Anacardaceae, Meliaceae, Orchidaceae, Zingiberaceae	Plant identification Origin of angiosperms Binomial nomenclature Modern trends in taxonomy Families: Lythraceae, Rutaceae, Oleaceae, Verbenaceae, Asteraceae, Combrataceae, Capparidaceae, Anacardaceae, Meliaceae, Orchidaceae, Zingiberaceae	30	100%	

Signature of the Professor

Head

Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad

Monthly Students Attendance Report

Academic Year – 2024-25

Month: Nov-24 to Mar-2025

Department: Botany

Name of Teacher: Dr. M.P. Kulthe



Sr. No.	Class	Semester	Paper No.	Number of Students admitted	Roll Number of Present Students	Attendance in percentage (Present Students)	Remark
01	B. Sc FY	II	VSC	11	01,04,26,28,33,41, 62 = 06	63.06%	
02	B. Sc SY	IV	BOT 411 P-VII	28	02,04,09,13,14,15,21,24,27,35,36,46,47 = 13	46.42%	
03	B. Sc TY	VI	BOT 611 P-XI	17	03,06,07,09,11,17,18,19,26,31 = 10	58.82%	

Signature of Associate Professor

Head

Principal



Sr. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus Completed	Total lectures	Syllabus completed in percentage	Remark
01	B. Sc FY	II	VSC (i)	• Concepts of organic Composting, Objectives, Size of organic food Market, • Area under organic Farming, • Status of organic farming in India, Ethics of organic farming • Recycling of bio-degradable municipal, agricultural and industrial wastes, • Bio compost making- types: Green manure, Farm Yard Manure, Dung Manure, Vermicompost etc. and organic fertilizers, Panchakavya. • Biological pest control (neem) • Inspection- certification -labelling and accreditation procedures for organic products. • Processing, - economic consideration and viability. • Marketing and export potential of organic products -- National economy • National Standards of organic Production (NSOP) European Union Regulations, Certification agencies in India	• Concepts of organic Composting, Objectives, Size of organic food Market, • Area under organic Farming, • Status of organic farming in India, Ethics of organic farming • Recycling of bio-degradable municipal, agricultural and industrial wastes, • Bio compost making- types: Green manure, Farm Yard Manure, Dung Manure, Vermicompost etc. and organic fertilizers, Panchakavya. • Biological pest control (neem) • Inspection- certification -labelling and accreditation procedures for organic products. • Processing, - economic consideration and viability. • Marketing and export potential of organic products -- National economy • National Standards of organic Production (NSOP) European Union Regulations, Certification agencies in India	15	100%	
				1. Salient features, classification as per Sporne 1965 2. Geological time scale, fossilization, types of fossils, <i>Lyginopteris</i> , fossil fuels 3. Contributions of Prof. Birbal Sahani 4. Study of morphology, anatomy, reproduction (excluding developmental	1. Salient features, classification as per Sporne 1965 2. Geological time scale, fossilization, types of fossils, <i>Lyginopteris</i> , fossil fuels 3. Contributions of Prof. Birbal Sahani 4. Study of morphology, anatomy.			

02	B Sc SY	IV	BOT-411 P-VII a) Cycadales - <i>Cycas</i> b) Coniferales- <i>Pinus</i> c) Gnetales- <i>Gnetum</i> 5. Economic importance of Gymnosperms Domestication of plants and their centres of origin (N. I. Vavilov) 2. History, origin, cultivation, harvesting, improved varieties and economic importance of the following plants: i. Food plants - Wheat, Jowar ii. Sugar- Sugarcane iii. Fibres - Cotton, Jute iv. Vegetable oils -Groundnut, Sunflower v. Beverages- Tea, Coffee 3. Botanical name, family name and economic importance of the following plants: i. Medicinal plants - <i>Aloe vera</i> , <i>Withania somnifera</i> , <i>Curcuma longa</i> , <i>Vitex negundo</i> ii. Timber and Gum-Teak, Neem, Babul, Sisham iii. Cosmetics and Perfumes - Rose, Mogra, Tuberose iv. Spices -Clove, Black pepper, Cumin, Coriander, Cinnamon.	stages) and graphical representation of life cycle of the following types: a) Cycadales - <i>Cycas</i> b) Coniferales- <i>Pinus</i> c) Gnetales- <i>Gnetum</i> 5. Economic importance of Gymnosperms Domestication of plants and their centres of origin (N. I. Vavilov) 2. History, origin, cultivation, harvesting, improved varieties and economic importance of the following plants: i. Food plants - Wheat, Jowar ii. Sugar- Sugarcane iii. Fibres - Cotton, Jute iv. Vegetable oils -Groundnut, Sunflower v. Beverages- Tea, Coffee 3. Botanical name, family name and economic importance of the following plants: i. Medicinal plants - <i>Aloe vera</i> , <i>Withania somnifera</i> , <i>Curcuma longa</i> , <i>Vitex negundo</i> ii. Timber and Gum-Teak, Neem, Babul, Sisham iii. Cosmetics and Perfumes - Rose, Mogra, Tuberose iv. Spices -Clove, Black pepper, Cumin, Coriander, Cinnamon.	37	100%
03	B. Sc TY	VI	BOT-611 P- XI 1. Emergence of evolutionary thoughts Lamarckism, Darwinism, Neo Darwinism Concepts of variation, adaptation, struggle, fitness and natural selection 2. Population genetics populations, gene pool, gene frequency Hardy-Weinberg law, Migration and random genetic drift iv. Adaptive radiation and modifications Isolating patterns and mechanisms		37	100%



Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Mathematics

Month Dec - April

Name of Teacher Dr. J. V. Patil



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Sc. F.Y	Second	DSC-3	As per academic teaching plan	100%	11	100%	
2	B.Sc. S.Y	Four	MAT 402	As per academic teaching plan	100%	40	100%	
3	B.Sc. T.Y	Six	MAT 502	As per academic teaching plan	100%	36	100%	

Signature
Of
(Assistant/Associate Professor)

Signature
HOD

Signature
Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25



Department Mathematic

Month _____

Name of Teacher Mrs. G.S. Kaware

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.Sc. F.Y.	<u>II</u> nd	DSC3 + VSC	As per academic planning	100% ₂	32	100%	
	B.Sc. S.Y.	<u>IV</u> th	Partial diff'n Eq-n	As per academic planning	100%	64	100%	
	B.Sc. T.Y.	<u>VI</u> th	Real Analysis + Skillwork	As per academic planning	100%	34	100%	

G.S. Kaware

Signature

OF

(Assistant/Associate Professor)

HOD

[Signature]

Principal



Monthly Syllabus Completion Report

Academic Year 2024 - 25

Department हरि

Month जुलै - 2024 Name of Teacher डॉ. गिरि एन. ए.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1.	बी.ए प्रथम	I	DSC I	100%	100%	33	100%	
2.	बी.ए प्रथम	I	IKS I	100%	100%	07	100%	
3.	बी.ए/बी.एस्सी/बी.डिग्री द्वितीय	III	SL III	100%	100%	16	100%	
4.	बी.ए. द्वितीय	III	OPT V	100%	100%	29	100%	
5.	बी.ए. तृतीय	V	OPT X	100%	100%	30	100%	
6.	बी.ए. तृतीय	V	X	100%	100%	33	100%	

Signature गिरि एन. ए.
Of
(Assistant/Associate Professor)

गिरि एन. ए.
HOD

गिरि एन. ए.
Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department मराठी

Month जुलै - ऑक्टोबर - 24 Name of Teacher डॉ. एक.पी. गिरी



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	BAFY-	I	DSC I (T.B.P.)	100%	100%	52	100%	
2.	BA/BSC/ Bcom 54-	III	SL III	100%	100%	26	100%	
3.	BASY.	III	OPT V	100%	100%	49	100%	
4.	BATY-	V	SEC X	100%	100%	46	100%	
5	BATY.	V	GE XI	100%	100%	51	100%	
6.	BAFY-	I	IKS I	100%	100%	13	100%	

Signature of Dr. S.P. Giri
(Assistant/Associate Professor)

[Signature]
HOD.

[Signature]
Principal

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Hindi

Month July & Aug, 2024

Name of Teacher Dr. Jyoti R.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1)	BAFY (DSC-I)	I	DSC-1	100%	100%	12	100%	
2)	BAFY (SEC)	I	SEC 01	100%	100%	22	100%	
3)	BASY (V)	III	V	100%	100%	22	100%	
4)	BATY IX	V	IX	100%	100%	29	100%	
5)	BATY X	V	X	100%	100%	16	100%	
	BASY-SL BSESY-SL BOMSY-SL	III	III	100%	100%	12	100%	

3. 01/07/24 से
12/08/24 तक
अवधि)

Signature
Of

(Assistant/Associate Professor)

HOD

Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department PHI-125

Month July, August, September

Name of Teacher Dr. Rethod Sunitha



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1)	BAFY DSC	I	I	सिरी कथा साहित्य	100 %	28	100 %	
2)	BAFY DSC practical	I	I	सिरी कथा साहित्य	100 %	28	100 %	
3)	BASYP-opt	III	VI	साक कविता	100 %	59	100 %	
4)	BATP-opt	IV	IX	साहित्यशास्त्र	100 %	57	100 %	
5)	BATP-GE	V	XI	साहित्यशास्त्र	100 %	28	100 %	
6)	BASY-SL	III	SL-III	साहित्य शास्त्र	100 %	11	100 %	
7)	BSC/BCom-GE I	I	I	सिरी कथा साहित्य	100 %	27	100 %	

(Assistant/Associate Professor)

HOD

Principal

Monthly Syllabus Completion Report

Academic Year 2024-2025

Department हिंदीMonth जुलाई, अगस्त,Name of Teacher ज. सुनीता मेमराव राठोड

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1)	बी.ए. प्रथम वर्ष	प्रथम	DSC-1	हिंदी कथा साहित्य	100 %	17	100 %	
2)	बी.ए. प्रथम वर्ष	प्रथम	DSC-1	हिंदी कथा साहित्य (practical)	100 %	16	100 %	
3)	बी.ए. प्रथम वर्ष	प्रथम	GE-1	हिंदी सिनेमा और साहित्य	100 %	13	100 %	
4)	बी.ए. द्वितीय वर्ष	द्वितीय	04-VI	न्यायक साहित्य	100 %	27	100 %	
5)	बी.ए. द्वितीय वर्ष	द्वितीय	SL-III	सामान्य हिंदी	100 %	10	100 %	
★ दि. 02/07/2024 ते 14/08/2024 पर्यंत लांग्वेज यानेतर तत्विक तत्वावरीत प्राध्यापकांची विमुक्ती								
6)	बी.ए. द्वितीय वर्ष	पंचम	IX-1 DSC	साहित्य शास्त्र	100 %	28	100 %	

7) बी.ए. द्वितीय वर्ष पंचम

GE-1 प्रोग्रेड
XI-1 सामान्य साहित्य

100 % 17 100 %

Signature
Of
(Assistant/Associate Professor)

Signature
HOD

Signature
Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department English

Month July to Oct 2024 Name of Teacher Dr. K.T. Malgaonkar



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.A.F.Y DSC(PN)	I	I	100%	100%	28	100%	
	B.Sc.Fy A.E.C	I	IV	100%	100%	29	100%	
	B.Sc.Sy	III	III	100%	100%	68	100%	
	B.Com.Fy	I	IV	100%	100%	85	100%	
	B.A.Fy	IV	XIII	100%	100%	52	100%	
			XII					1

Signature Dr. K.T. Malgaonkar
Of Dr. K.T. Malgaonkar
(Assistant/Associate Professor)

HOD.

Signature Dr. K.T. Malgaonkar
Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department English

Month July to October

Name of Teacher Charyade c.m.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lectures	Syllabus Planned and Completed in Percentage	Remark
1	B.A.F.Y	I	AECT	Unit I, II & III communication, day communication	Unit I & II Unit III	30	100%	
2	B.A.F.Y	I	SECT	Unit I, II & III phonetics, spelling & grammar	Unit I & II Unit III	41	100%	
3	B.A.F.Y & B.Com.F.Y	I	Q.E.+I	Unit I, II & III parts of speech, clause & types of phrase, sentence, or.	Unit I, II & III parts of speech, clause, type of phrase, sentence, or.	30	100%	
4	B.Com.F.Y	II	P.III	Unit I, II & III prose, poetry & grammar or.	Unit I, II & III prose, poetry & grammar or.	35	100%	
5	B.A.F.Y	III	P.V	Unit I, II & III types of lit., drama & fiction	Unit I, II & III types of lit., drama & fiction	50	100%	
6	B.A.F.Y	IV	P.IX	Unit I, II & III phonetics, sounds & grammar	Unit I, II & III phonetics, sounds & grammar	50	100%	

(Assistant/Associate Professor)

Signature
Of

HOD

Principal

Monthly Syllabus Completion Report

Academic Year 202 - 2

Department English

Month July / August

Name of Teacher Chorghade C.M.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.A.FY	I (AEC)	I (AEC)	Basic communication skill, types of communication, barriers of communication	Basic of communication, types of communication, barriers of communication	16	100 %	
	B.A.FY	I	I (SEC)	I.P.A Symbol, stress, consonants and vowel.	I.P.A symbols, consonants, vowel sound	24	100 %	
	B.Com FY & B.Sc FY	I	I (G.E)	parts of speech, clause elements	parts of speech, clause elements	16	100 %	
	B.A. SY	III	V	British lit. American lit. Indian lit. All the worlds on a stage	British lit., American lit., Indian lit., all the worlds on a stage	16	100 %	
	B.A. FY	II	IX	Introduction to English, Articulation in speech, IPA symbols	Introduction to English, Articulation in speech, IPA symbols	30	100 %	

Signature
Of
(Assistant/Associate Professor)
Dr. C.M. Chorghade

[Signature]
HOD

[Signature]
Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department English

Month July to October

Name of Teacher ^{Dr} Huskal VN



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	BAFY	I	ME-1	Unit-I Unit-II Unit-III	Unit-I Unit-II Unit-III	54	100 %	
2	BASY	III	III Comp. Eng	Unit-I Unit-II Unit-III	Unit-I Unit-II Unit-III	67	100 %	
3	Bcomsy	III	III	Unit-I Unit-II	Unit-I Unit-II	26	100 %	
4	BASY	III	VI	Unit-I Unit-II Unit-III	Unit-I Unit-II Unit-III	49	100 %	
5	BASY	V	X	Unit-I Unit-II	Unit-I Unit-II	51	100 %	

Signature
Of
(Assistant/Associate Professor)

HOD

Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department English

Month July/Aug

Name of Teacher Dr. Harekal VN



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.A.F.Y	I	I	Metaphor Poetry, Metonymy, Personification, No longer, when I get out	Metaphysical, Metonymy, Personification, No longer, when I get out	30	100 %	
2	B.A.B.Y	III	III	Preamble, Memorise, How much, O Cupid, Leech gatherers	Preamble, Memorise, How much, O Cupid, Leech gatherers	34	100 %	
3	B.Com SY	III	III	O Cupid, The leech gatherers, Hum is the thing	O Cupid, The leech gatherers, Hum is the thing	15	100 %	
4	B.A.S.Y	III	VI	Unit-I Unit-II	Unit-I Unit-II	31	100 %	
5	B.A.T.Y	V	X	Unit-I Unit-II	Unit-I Unit-II	30	100 %	

Signature
OF

(Assistant/Associate Professor)

HOD

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024 - 2025

Department Public Administration

Month July - August

Name of Teacher Dr. H. M. Wankar



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.A.-F.Y.	I	DSC	As per teaching plan	100%	18	100%	
	B.A.-S.Y.	III	Paper IV	As per teaching plan	100%	20	100%	
	B.A.-F.Y.	V	IX	As per teaching plan	100%	32	100%	
	B.A.-F.Y.	VI	XI	As per teaching plan	100%	33	100%	

Signature

Of

(Assistant/Associate Professor)

HOD

Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department History

Month Oct 2024

Name of Teacher Jamkar A.P.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.A.Fy.	I	DSC	As per Teaching plan.	100%	60		
2	B.A.Fy.	I	SEC	— 1 —	100%	60		
3	B.A.Sy.	III	VI	— 1 —	100%	60		
4	B.A.Ty.	V	DSC IX	— 1 —	100%	60		
5	B.A.Ty.	V	GE/OE XL	— 1 —	100%	30		
6								

Signature Of [Signature]
(Assistant/Associate Professor)

HOD.

[Signature]
Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department History

Month July - Aug, 2024 Name of Teacher Dr. Anil Jambhale



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.A.Fy.	I	DSC	As per Teacher's plan.	100	50	95%	
2	—	I	SEC	—	100	25	80%	
3	B.A.Sy.	II III	VI	—	100	34	95%	
4	B.A.Ty.	IV	DSC / VI	—	98	33	95%	
5	B.A.Ty.	V	GE	—	98	17	95%	
6	—	—	VII	—	—	—	—	

Signature [Signature]
Of

(Assistant/Associate Professor)

HOD

[Signature]
Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

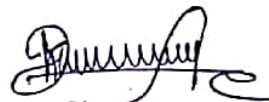
Academic Year 2024-25

Department Sociology

Month Sep-Oct-2024

Name of Teacher Dr. D. K. Darade

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.A.F.Y.	first	DSC I	As per Teaching plan	100%.	T-16 P-12	100%.	
2	B.A.F.Y.	first	GE/OF I	As per Teaching plan	100%.	12	100%.	
3	B.A.F.Y.	first	SEC-1	As per Teaching plan	100%.	T-13 P-14	100%.	
4	B.A.S.Y.	Third	V (CC-1E)	As per Teaching plan	100%.	26	100%.	
5	B.A.T.Y.	Fifth	X (SEC-3C)	As per Teaching plan	100%.	25	100%.	
6	B.A.T.Y.	fifth	XI (GE-1)	As per Teaching plan	100%.	13	100%.	



Signature
Of

(Assistant/Associate Professor)

Dr. D. K. Darade



HOD

Dr. Darade D. K.



Principal





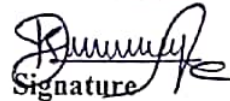
Monthly Syllabus Completion Report

Academic Year 2024-25

Department Sociology

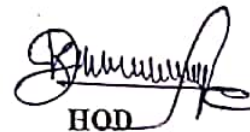
Month July/August-24 Name of Teacher Dr. D.K. Darade

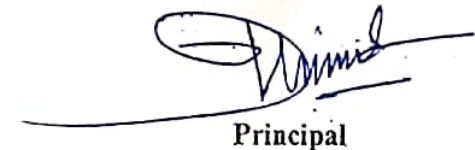
Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1.	B.A.F.y.	First	Dsc I	As per Teaching plan	100 %.	T-16 P-28.	100 %.	
2.	B.A.F.y.	First.	Vsc-I	As per Teaching Plan	100%.	T-8 P-16	100 %.	
3.	B.A.S.y.	Second	V	As per Teaching Plan	100 %.	31	100 %.	
4.	B.A.T.y.	Fifth.	IX	As per Teaching Plan	100%.	31 + chb.	100 %.	
5.	B.A.T.y.	Fifth	X	As per Teaching Plan	100%.	31	100 %.	
6.	B.A.T.y.	Fifth	XI	As per Teaching Plan	100%.	16.	100 %.	


Signature

Of

(Assistant/Associate Professor)


HOD


Principal

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Political Science

Month SEP-OCT-2024

Name of Teacher Dr. Gajanan R. Hanvate,

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	BAFY	I	DSC-I	As per teaching Plan	100%	88	100%	
2	BAFY	I	SEC-	— // —	100%	42	100%	
3	BASY	III	V-CC-BA	— // —	100%	60	100%	
4	BATY	V	DSE-AI	— // —	100%	58	100%	
5	BATY	V	SEC-10	— // —	100%	51	100%	

Signature
Of
(Assistant/Associate Professor)

Signature
HOD

Signature
Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Political Science

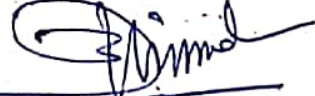
Month JULY - AUG - 2024 Name of Teacher Dr. G. R. Hanvate.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	BMAFY	I	DSC-I	As per teaching plan	100	51	90%.	
2	BMAFY	I	SEC	As per Teaching plan	85 %.	16	85 %.	
3	BASY	III	V.CC-3A	— // —	100 %.	32	85 %.	
4	BATY	V	DSE A-1	— // —	94 %.	30	85 %.	
5	BATY	V	SEC-1C	— // —	80 %.	24	80 %.	
6								


Signature
Of
(Assistant/Associate Professor)


HOD


Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25



Department Commerce

Month Sept - Oct.

Name of Teacher Dr. Samake A.C.

Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Com. I	I	F-A/c	100%	100%	28	100%	
2	B.Com. II	II	Costing	100%	100%	26	100%	
3	B.Com. III	V	M.A/c	100%	100%	28	100%	
4	B.Com. III	V	B.R.F.	100%	100%	26	100%	
5	B.A. & GE/ B.Sc. OE	I	Basic A/c	100%	100%	16	100%	


Signature
Of

(Assistant/Associate Professor)

HOD

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Commerce

Month July & August

Name of Teacher Dr. Sannake A.C.



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Com.I	I	F.AIC	100%.	95%.	30	95%.	
2	B.Com.II	III	Costing	100%.	95%.	32	95%.	
3	B.Com.III	V	m.AIC	100%.	90%.	30	90%.	
4	B.Com.III	V	BRF.	100%.	90%.	34	90%.	
5	B.Com.II	III	GST	100%.	90%.	20	90%.	


Signature
Of
(Assistant/Associate Professor)

HOD


Principal

Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Commerce

Month July to Oct.

Name of Teacher Dr. Vikas Chowdhary



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.COM F.Y	I	PBM 1	100%	100%	51	100%	
2	B.COM S.Y	III	CO-ATC 1	100%	100%	49	100%	
3	B.COM S.Y	III	Banking 1	100%	100%	51	100%	
4	B.COM F.Y	V	Auditing 1	100%	100%	52	100%	
5	B.COM T.Y	V	Adv. AC 1	100%	100%	50	100%	


Signature
Of

(Assistant/Associate Professor)


HOD


Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

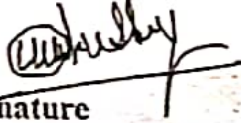
Department Commerce

Month July & Aug

Name of Teacher Dr. V.M. Choudhary



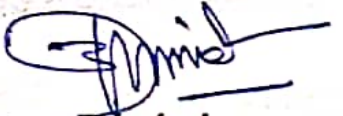
Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.com F.Y	I	P.M	As per teach. plan	100%.	27	100%.	
2	B.com S.Y	III	Banking	As per teach. plan	100%.	29	100%.	
3	B.com. s.y	III	Cor.A/C	As per teach. plan	100%.	28	100%.	
4	B.com T.Y	V	A.A/C	As per teach. plan	100%.	28	100%.	
5	B.com T.Y	V	Auditing	As per teach. plan	100%.	29	100%.	


Signature
Of

(Assistant/Associate Professor)

Dr. V.M. Choudhary


HOD


Principal

Vasantrao Naik Mahavidyalaya, Ch. Sambhajinagar.



Monthly Syllabus Completion Report

Academic Year 2024-2025

Department: Physics

Months: July to October 24

Name of the Teacher : Manisha Ghogare

Sr. no.	Class	Semester	Paper no	Syllabus planned	Actual syllabus completed	Total no. of lectures	Syllabus planned and completed in %	Remarks
1	FYBSc	I	111	Unit 1,2,3	Unit 1,2,3	31	100	Notes, Study material provided, PPTs prepared & uploaded on Google classrooms, Tests conducted after each unit which consists of MCQ and Theory questions, problems frequently asked in university exams are solved. Problem solving exercises, Match the pair activity, Crossword solving, Wall paper, Pre-practical exam, University question paper pattern workshop, Student Seminars conducted, guest lecture activity conducted. Mentor-mentee sessions conducted.
2	SYBSc	III	312	Unit 1,2,3,4	Unit 1,2,3,4	43	100	
3	TYBSc	V	512	Unit 1,2,3,4	Unit 1,2,3,4	50	100	

Manisha Ghogare
25-10-24

Manisha Ghogare

Associate Professor

Manisha Ghogare
25-10-24

HOD

HEAD

Dept of Physics

Vasantrao Naik Mahavidyalaya
AURANGABAD-431 003.

Principal
Principal



Vasantrao Naik Mahavidyalaya , Aurangabad.



Monthly Syllabus Completion Report

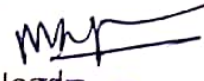
Academic Year 2024-2025

Department : Physics Months: July and August 24 Name of the Teacher : Manisha Ghogare

Sr. no.	Class	Semester	Paper no	Syllabus planned	Actual syllabus completed	Total no. of lectures	Syllabus planned and completed in %	Remarks
1	FYBSc	I	111	Unit 1,2	Unit 1, 2.3	18	90	Notes, Study material, PPTs Tests conducted after each unit which consists of MCQ and Theory as well as problems frequently asked in university exams are solved. Crossword solving, Wall paper and guest lecture activity conducted.
2	SYBSc	III	312	Unit 1,2,	Unit 1,2,3.4	23	100	
3	TYBSc	V	XVI	Unit 1,2	Unit 1,2,3.8	32	100	


Manisha Ghogare

Associate Professor


HEAD
Dept of Physics
Vasantrao Naik Mahavidyalaya
AURANGABAD-431003.


Principal



Vasantao Nalk Mahavidyalaya Chh. Sambhajinagar
Syllabus Completion Report
Academic Year 2024-25



Department of Chemistry

Month: September 2024 and Oct. 2024

Name of Teacher- Dr. Jagdish V. Bharad

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. S. Y.	III - Sem. Physical Chemistry Paper-VI	Conductometry	Introduction, Electrolytic Conductance, Resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, variation of equivalent and specific conductance with concentrations, Kohlrausch's law and its applications, conductivity cell, conductivity meter, Whetstone Bridge, determination of cell constant conductometric titrations (strong acid-strong base, strong acid-weak base, weak acid strong base) and Numericals.	05	100%	Use PPT, Chalk Board method
02	B. Sc. S. Y.	III - Sem. Physical Chemistry Paper-VI	Colorimetry	Introduction, interaction of electromagnetic radiation with matter, essential terms: radiant power, transmittance, absorbance, molar, Lamberts Law, Beer's Law, Lambert-Beer's Law, molar absorptivity, deviations from Beer's Law, Colorimeter: <i>Principle, Construction and components, Working.</i> Applications-unknown conc. By calibration curve method, Determination of unknown concentration of Fe(III) by thiocyanate method, Numericals	05	100%	---
03	B. Sc. S. Y.	III - Sem. Physical Chemistry Paper-VI	Quantum Chemistry	Introduction, de Broglie hypothesis, The Heisenberg's uncertainty principle, quantization of energy, Operators, Schrodinger wave equation, well behaved function, Particle in a one-, two and three-dimensional box (no derivation), Physical interpretation of the ψ and ψ^2 , sketching of wave function and probability densities for 1D box, degeneracy, applications to conjugated systems, zero-point energy and quantum tunneling, Numerical	08	100%	Topic completed using PPT Chalk Board

Professor
Dr. Jagdish V. Bharad

HOD

Principal



Department of Chemistry
B. Sc. F. Y. NEP- SEC-1

Vasant Rao Naik Mahavidyalaya Chh. Sambhajinagar
Syllabus Completion Report
Academic Year 2024-25
Month: July 2024 and Oct. 2024

Name of Teacher- Dr. Jagdish V. Bharad



Sr. No.	Class	Semester	Paper / Topic	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. F. Y.	I - Sem. B. Sc. F. Y. NEP- SEC-1	Fundamental Concepts of Stoichiometry	Fundamental Concepts of Stoichiometry Stoichiometric coefficient, Balancing reactions, Quantitative Information from Balanced Equations, Formula Masses, Chemical Equations, Law of conservation of mass, Avogadro's Number, Mole concept, Chemical calculations and use of molal quantities, Molar volume of gaseous substance, Equivalent Weight, Density and Specific Gravity, Specific Gravity Scales, Composition of Solid, Liquid and Gases, Mass fraction, Mass percentage, Mass ratio, Dry basis and Weight basis, Mole fraction, Mole percent, Volume fraction, Volume percent, Other Expression for Concentration, Significant figure, Precision and Accuracy, Chemical reaction and Process calculations, Excess and Limiting reagent, Conversion, Yield and Selectivity, Extent of reaction.	14	100%	Use PPT, Lecture, Demonstration

Professor
Dr. Jagdish V. Bharad

HOD

Principal





Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. S. Y.	III - Sem. Physical Chemistry Paper-VI	Photochemistry	Introduction, Difference between thermal and photochemical processes, Laws of photochemistry: i) Grothus - Draper law ii) Stark-Einstein law, Quantum yield, Reasons for high and low quantum yield., Factors affecting Quantum yield, Experimental method for the determination of quantum yield, types of photochemical reactions - photosynthesis, photolysis, photocatalysis, photosensitization, Jablonski diagram depicting various processes occurring in the excited state: Qualitative description of fluorescence and phosphorescence, Chemiluminescence, Problems	09	100%	Use PPT, Chalk Board method
02	B. Sc. S. Y.	III - Sem. Physical Chemistry Paper-VI	Phase equilibrium	Introduction; definitions of phase, components and degrees of freedom of a system; stability of phases, criteria of phase equilibrium. Gibbs phase rule and its thermodynamic derivation, phase diagrams of one- component systems- water, carbon dioxide and sulphur systems, problems.	08	100%	---
03	B. Sc. S. Y.	III - Sem. Physical Chemistry Paper-VI	Surface Chemistry	Introduction to surface chemistry - some basic terms related to surface chemistry adsorption, adsorption materials, factors affecting adsorption, characteristics of adsorption, types of adsorption, classification of adsorption isotherms, Langmuir adsorption isotherm, Freundlich's adsorption isotherm, BET theory (only introduction), application of adsorption, problems.	08	100%	Topic completed using PPT Chalk Board

Professor
Dr. Jagdish V. Bharad

HOD

Principal

Department of Chemistry

Class : - B.Sc. F.Y. & T.Y.

Month: (July & August , upto 10 th of September)

Name of Teacher- Dr. Jaishree Jalsingh Chamargore

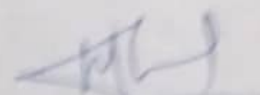


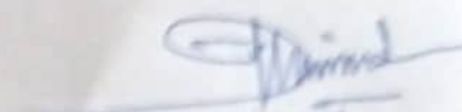
Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned and Completed in %	Remark
01	B. Sc. F. Y.	I st Sem. (II) Fundamental of Chemistry	Atomic Structure and Periodicity of Elements	Bohr's theory and its limitations. Idea of de-Broglie matter waves. Heisenberg uncertainty principle. Quantum numbers and its types. Significance of quantum numbers. Shapes of s, p and d atomic orbitals, nodal planes. Rules for filling electrons rules in various orbitals: i) Aufbau's principle ii) Hund's rule of maximum multiplicity iii) Pauli's exclusion principle Electronic configuration of elements from Hydrogen to Zinc. Stability of empty, half-filled and completely filled orbitals Definition and trends in Periodic table of the following properties: i) atomic radii and ionic radii ii) ionization energy iii) electron affinity iv) electronegativity, Factors affecting ionization energy. Pauling and Mullikan's scale of electronegativity Test/Tutorial	12	100%	Black Board Method Use PPT, Videos through online teaching method
02	B. Sc. F. Y.	I st Sem Fundamental of Chemistry	Fundamentals of Organic Reaction mechanism	Electronic Displacements: Inductive Effect, Electrometric Effect, Resonance and Hyperconjugation. Cleavage of Bonds: Homolysis and Heterolysis. Structure, shape and reactivity of organic molecules: Nucleophiles and electrophiles. Reactive Intermediates: formation, structure, reactivity and stability of Carbocations, Carbanions,	06	80%	Chalk & Duster method Use PPT



03	B. Sc. T.Y	V th Sem Physical chemistry Paper No-X	Electrochemical Cells	Electrochemical cells, reversible and irreversible cells with examples, The e.m.f. of electrochemical cell and its measurement, The Weston standard cell, Reference electrodes: The primary reference electrode and Secondary reference electrodes, The Nernst equation for E.M.F. of a cell. Types of reversible electrodes, the sign convention for electrode potentials, Thermodynamics of reversible cells and reversible electrodes, E.M.F. and equilibrium constant of cell reaction, Electrochemical series, Applications of emf measurements by using hydrogen electrode, quinhydrone electrode and glass electrodes: 1. Determination of pH of a solution 2. Potentiometric titrations: i) Acid-base titrations, (ii) Redox titrations. (iii) Precipitation titration, Test /Tutorial	17	100%	--
04	B. Sc. T. Y.	V th Sem Physical chemistry Paper No - X	Electrophoresis	Introduction, Principle and theory of electrophoresis, Different types of electrophoresis techniques, Moving Boundary Electrophoresis, Zone electrophoresis- Paper, Cellulose acetate and Gel electrophoresis	09	90%	--


Associate Professor


HOD


Principal

Department of Chemistry

Class : - B.Sc. F.Y. & T.Y.

Month: (September & October)

Name of Teacher- Dr. Jaishree Jalsingh Chamargore



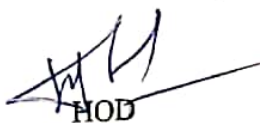
Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned and Completed in %	Remark
01	B. Sc. F. Y.	I st Sem. (III) Fundamentals of Chemistry	Thermodynamics	Basic concepts of thermodynamics: system, surrounding, boundary. Types of systems. State & path functions. Thermodynamic processes. Intensive & Extensive properties. First law of thermodynamics. Spontaneous & nonspontaneous processes. Process of second law of thermodynamics carnot's cycle and its efficiency Entropy, physical significance of entropy. Third law of thermodynamics. Calculation of absolute entropies of substances Test / Tutorial	04	100%	Black Board Method Use PPT, Videos through online teaching method
02	B. Sc. F. Y.	I st Sem(III) Fundamentals of Chemistry	Thermochemistry	Concept of standard state , standard state of enthalpy of formation Hess's law of constant heat summation and its applications .Bond dissociation energy and its calculations from thermochemical data . Temperature dependence of enthalpy -Kirchoff's equation.	03	100%	Chalk & Duster method Use PPT

				and plant extracts			
				Test/Tutorial			
05	B. Sc. T. Y.	V th Sem Physical chemistry Paper No - X	b) Ideal and real solutions	Introduction, chemical potential of liquids - ideal solutions, ideal dilute solutions - Raoult's and Henry's Law, liquid mixtures, phase diagram of binary systems : liquids -vapour pressure diagrams, temperature composition diagrams, liquid-liquid phase diagrams, solubility of partially miscible liquids-critical solution temperature, effect of impurity on partially miscible liquids, Problems	08	100%	- " -



Associate Professor

Dr. Chamargore J. J.
Dept. of Chemistry
Y.N.M. Chh. Sambhajinagar



HOD




Principal



03	B Sc T Y	1st Sem(III) Fundamentals of Chemistry	Chemical Equilibrium	Free energy change in chemical reactions, thermodynamic derivations of the law of equilibrium. Relation between K_p , K_c and K_x for reactions involving ideal gases Le Chatelier's , principal.	03	100%	Choice B: Duster method Use PPT
03	B Sc T Y	V th Sem Physical chemistry Paper No-X	Colligative Properties of dilute solutions	Introduction, Solution, electrolytes and nonelectrolytes, Meaning of term colligative property, relative lowering of vapour pressure of solvent in solution, elevation of B.P. of solvent in solution, Landsberger's method, freezing point depression, Beckmann's method, Osmosis and Osmotic pressure, Berkeley and Hartley method, application of colligative properties to determine molecular weight of nonelectrolyte, abnormal molecular weight, Relation between Vant Hoff's factor and degree of dissociation of electrolyte by colligative property, Numerical	08	100%	---
04	B Sc T Y	V th Sem Physical chemistry Paper No - X	b) Nano Materials	Introduction to nanomaterials, Methods of synthesis 1) High energy ball milling 2) Physical vapour deposition (PVD) 3) Chemical vapour deposition (CVD)	07	100%	---



				and plant extracts	Test/Tutorial			
05	B. Sc. T. Y.	V th Sem Physical chemistry Paper No - X	b) Ideal and real solutions	Introduction, chemical potential of liquids - ideal solutions, ideal dilute solutions - Raoult's and Henry's Law, liquid mixtures, phase diagram of binary systems : liquids -vapour pressure diagrams, temperature composition diagrams, liquid-liquid phase diagrams, solubility of partially miscible liquids-critical solution temperature, effect of impurity on partially miscible liquids, Problems		08	100%	--

Associate Professor

HOD

Principal

Dr. Chamarega Jashree
Dept. of Chemistry
V.N.M. Chh. Sambhajinagar

Month: Sept 2024 to Oct 2024

Name of Teacher- Dr. Balaji R. Madje

Department of Chemistry

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Amines and Diazonium Salts	Amines and Diazonium Salts: Amines (Aliphatic and Aromatic): Introduction and IUPAC nomenclature, Preparation from alkyl halides, Gabriel's Phthalimide synthesis, Hofmann Bromamide reaction. Reactions: Hofmann vs. Sayzell elimination, Electrophilic substitution (Case Aniline); nitration, bromination, sulphonation	06	100%	Topic completed using PPT Chalk Board
02	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Heteronuclear Aromatic Compounds	Heteronuclear Aromatic Compounds Introduction, Classification of aromatic compounds, Properties of the following compounds with reference to electrophilic and nucleophilic substitution: Furan, Pyrrole, Thiophene, and Pyridine.	08	100%	Topic completed using PPT Chalk Board
03	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Stereochemistry of Cyclohexane	Stereochemistry of Cyclohexane: Bayer's strain theory, heat of combustion of cycloalkanes, structure of cyclohexane, axial and equatorial H atoms, conformations of cycloalkane, stability of conformations of cyclohexane, methyl and t-butyl monosubstituted cyclohexane, 1,1 and 1,2 dimethyl cyclohexane and their stability	06	100%	Topic completed using PPT Chalk Board
04	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Active Methylene Compounds	Active Methylene Compounds Definition, Preparation of Ethylacetoacetate and Synthetic uses of ethylacetoacetate Preparation of Diethyl malonate and Synthetic uses of diethyl malonate, (preparation of nonheteromolecules having upto 6 carbon).	06	100%	Topic completed using PPT Chalk Board

Professor
Dr. Balaji R. Madje

HOD



Principal

Vasantrao Naik Mahavidyalaya Chh. Sambhajinagar
Syllabus Completion Report
Academic Year 2024-25
B. Sc TY (V-Sem)

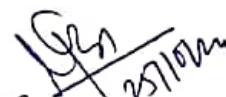


Department of Chemistry

Month: Sept 2024 to Oct 2024

Name of Teacher- Dr. Balaji R. Madje

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. T. Y.	V - Sem. Organic Chemistry Paper-IX	UNIT-II	a) Designing Organic Synthesis (Retro synthetic Analysis) Introduction, Different terms used - Disconnection, Synthons, Synthetic equivalence, FGI, TM. One group disconnection: Retrosynthesis and Synthesis of target molecules: Acetophenone, Crotonaldehyde, Cyclohexene, Benzyl benzoate, b) Carbohydrates Introduction, classification of carbohydrates, structures of glucose and fructose and biological significance. Concept of anomers, epimers, reducing and non-reducing sugars, mutarotation, inversion. Reactions of glucose with acid, base, phenylhydrazine, oxidizing agents, reducing, Glycosidic bonds.	15	100%	Topic completed using PPT Chalk Board
02	B. Sc. T. Y.	V - Sem. Organic Chemistry Paper-IX	UNIT-III	a) Amino acids Amino acids: classification of amino acids. Concept of ampholytes, isoelectric pH, zwitterions, titration curve of glycine. Reactions of amino acid with Ninhydrin, Sanger's, Dansylchloride, and Edmann's reagents and their significance. Peptide bond and it features. b) Proteins: Classification based on function, nutrition and composition. Structural organization of proteins- primary, secondary, tertiary and quaternary structures	15	100%	Topic completed using PPT Chalk Board


 Professor
 Dr. Balaji R. Madje


 HOD


 Principal



Vasantrao Naik Mahavidyalaya Chh. Sambhajinagar
Syllabus Completion Report
Academic Year 2024-25
B. Sc SY (III-Sem)



Department of Chemistry

Month: July 2024 to August 2024

Name of Teacher- Dr. Balaji R. Madje

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Aldehydes and Ketones (aliphatic and aromatic)	Introduction and IUPAC nomenclature, <i>Preparation</i> : from acid chlorides and from nitriles. <i>Reactions</i> – Reaction with HCN, ROH, NaHSO ₃ , NH ₂ -G derivatives. Iodoform test, Aldol Condensation, Cannizzaro's reaction, Wittig reaction, Benzoin condensation, Clemenson reduction and Wolff Kishner reduction. Meerwein-Pondorff Verley reduction.	10	100%	Use PPT, Chalk Board method
02	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Carboxylic acids and their derivatives	Introduction and IUPAC nomenclature, <i>Preparation</i> : Acidic and Alkaline hydrolysis of esters. <i>Reactions</i> : Hell-Vohland – Zelinsky Reaction. Carboxylic acid derivatives (aliphatic): (up to 5 carbons) <i>Preparation</i> : Acid chlorides, Anhydrides, Esters and Amides from acids and their inter conversion. Reaction: Comparative study of nucleophilicity of acyl derivatives. Reformatsky Reaction, Perkin condensation.	10	100%	Topic completed using PPT Chalk Board
03	B. Sc. S. Y.	III - Sem. Organic Chemistry Paper-V	Amines and Diazonium Salts	Introduction and IUPAC nomenclature, <i>Preparation</i> from alkyl halides, Gabriel's Phthalimide synthesis, Hofmann Bromamide reaction. <i>Reactions</i> : Hoffmann vs. Saytzeff elimination, Electrophilic substitution (Case Aniline): nitration, bromination, sulphonation.	06	100%	Topic completed using PPT Chalk Board

Professor
Dr. Balaji R. Madje

HOD

Principal



Vasant Rao Naik Mahavidyalaya Chh. Sambhajinagar
Syllabus Completion Report
Academic Year 2024-25
B. Sc TY (V-Sem)



Department of Chemistry

Month: July 2024 to August 2024

Name of Teacher- Dr. Balaji R. Madje

Sr. No.	Class	Semester	Syllabus Planned	Actual Syllabus completed	Total number of Lectures	Syllabus Planned & Completed in %	Remark
01	B. Sc. T. Y.	V - Sem. Organic Chemistry Paper-XI	UNIT-I	a) Rearrangement Reactions Introduction, Types of rearrangement, Types of reactive intermediate involved in different rearrangements, Rearrangement with mechanism- Beckmann, Baeyer-Villiger, Favorskii, Curtius, Lossen, Schmidt. b) Reagents in Organic Synthesis Applications of following reagents. i) Reducing Reagents: LiAlH₄, NaBH₄, DIBAL-H, Li(tBuO)₃AlH & Raney Nickel. ii) Oxidizing Reagents: DMSO either with DCC or Ac₂O, Dess Martin reagent, OsO₄, SeO₂, DDO	15	100%	Use PPT, Chalk Board method
02	B. Sc. T. Y.	V - Sem. Organic Chemistry Paper-XI	UNIT-II	a) Designing Organic Synthesis (Retro synthetic Analysis) Introduction, Different terms used - Disconnection, Synthesis, Synthetic equivalence, FGI, TM, One group disconnection, Retrosynthesis and Synthesis of target molecules: Acetophenone, Crotonaldehyde, Cyclohexene, Benzyl benzoate,	08	60%	Topic completed using PPT Chalk Board

Professor
Dr. Balaji R. Madje

HOD

Principal

Monthly Syllabus Completion Report

Academic Year-2024-25

Month: September -October (01/09/2024 to 25/10/2024)



Name of Teacher: Dr. V. C. Khilare

Department: Botany

Sr. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus Completed	Total lectures	Syllabus completed in percentage	Remark
01	B. Sc FY	I	SEC-1	Spices: Phytochemistry. Eco. Importance Medicinal properties, uses of spices Bark Spices Flower spices, Fruit spices, Fruit spices, Seed spices, Gum/Resin	Spices: Cinnamon, Cloves, Saffron, chilli, coriander, black pepper, star anise. Cummin, Fennel, Caraway, Bishops weed, Cardamom, Nutmeg, Asafoetida	05	100%	
02	B. Sc SY	III	BOT 311	Family: Fabaceae Caesalpinaceae Mimosaceae, Apocynaceae, Solanaceae, Acanthaceae Lamiaceae Nyctaginaceae, Liliaceae Poaceae	Family: Fabaceae Caesalpinaceae Mimosaceae, Apocynaceae, Solanaceae, Acanthaceae Lamiaceae Nyctaginaceae, Liliaceae Poaceae	24	100%	
03	B. Sc TY	V	XVIII (A)	Family: Nymphaeaceae, Magnoliaceae, Amaryllidaceae, Papveraceae Amaryanthaceae, Portulaceae Cucurbitaceae, Euphorbiaceae Rhamnaceae, Brassicaceae Myrtaceae	Family: Nymphaeaceae, Magnoliaceae Amaryllidaceae, Papveraceae Amaryanthaceae, Portulaceae Cucurbitaceae, Euphorbiaceae Rhamnaceae, Brassicaceae Myrtaceae	20	100%	

Signature of the Professor

Head

Principal

Monthly Syllabus Completion Report

Academic Year-2024-25

Month: September -October (01/09/2024 to 25/10/2024)



Department: Botany

Name of Teacher: Dr. V. C. Khilare

Sr. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus Completed	Total lectures	Syllabus completed in percentage	Remark
01	B. Sc FY	I	SEC-1	Spices: Phytochemistry. Eco. Importance Medicinal properties, uses of spices Bark Spices Flower spices, Fruit spices, Fruit spices, Seed spices, Gum/Resin	Spices: Cinnamon, Cloves, Saffron, chilli, coriander, black pepper, star anise. Cummin, Fennel, Caraway, Bishops weed, Cardamom, Nutmeg, Asafoetida	05	100%	
02	B. Sc SY	III	BOT 311	Family: Fabaceae Caesalpinaceae Mimosaceae, Apocynaceae, Solanaceae, Acanthaceae Lamiaceae Nyctaginaceae, Liliaceae Poaceae	Family: Fabaceae Caesalpinaceae Mimosaceae, Apocynaceae, Solanaceae, Acanthaceae Lamiaceae Nyctaginaceae, Liliaceae Poaceae	24	100%	
03	B. Sc TY	V	XVIII (A)	Family: Nymphaeaceae, Magnoliaceae, Amaryllidaceae, Papveraceae Amaryanthaceae, Portulaceae Cucurbitaceae, Euphorbiaceae Rhamnaceae, Brassicaceae Myrtaceae	Family: Nymphaeaceae, Magnoliaceae Amaryllidaceae, Papveraceae Amaryanthaceae, Portulaceae Cucurbitaceae, Euphorbiaceae Rhamnaceae, Brassicaceae Myrtaceae	20	100%	

Signature of the Professor

Head

Principal

Vasantrao Naik Mahavidyalaya, Aurangabad

Monthly Syllabus Completion Report

Academic Year ~~2022-23~~ 2024-25

Month: July-August (02/07/2024 to 31/08/2024)



Department: Botany

Name of Teacher: Dr. V. C. Khilare

Sr. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus Completed	Total lectures	Syllabus completed in percentage	Remark
01	B. Sc FY	I	SEC-1	Spices: Basic information and differences between spices & condiments, Export import, Revenue generation in global market. Phytochemistry. Eco. Imp. Medicinal properties, uses of spices, Rhizome spice, Bulb Spices Leafy Spices	Spices: Basic information and differences between spices & condiments, Export import, Revenue generation in global market. Phytochemistry. Eco. Imp. Medicinal properties, uses of spices, Rhizome spice, Bulb Spices Leafy Spices	10	100%	
02	B. Sc SY	III	BOT 311	Bentham and Hooker's system of classification, Taxonomy in relation to other sciences., Binomial Nomenclature, Concept of genus, species and epithet., Herbaria and Botanical Gardens., Family Annonaceae, Malvaceae	Bentham and Hooker's system of classification., Taxonomy in relation to other sciences., Binomial Nomenclature, Concept of genus, species and epithet., Herbaria and Botanical Gardens., Annonaceae, Malvaceae	24	100%	
04	B. Sc TY	V	XVIII (A)	Biodiversity, Types of biodiversity, Conservation of biodiversity, Taxonomy as per Angiosperms Phylogeny Group (APG) IV System	Biodiversity, Types of biodiversity, Conservation of biodiversity, Taxonomy as per Angiosperms Phylogeny Group (APG) IV System	17	100%	


Signature of the Professor


Head


Principal



02	B Sc SY	III	BOT 312 P-VI	1. Plant water relations: a) Diffusion, osmosis, plasmolysis and imbibition. b) Water absorption and ascent of sap (Transpiration pull theory) c) Transpiration - Definition, types, cuticular, lenticular and stomatal, structure of stomata, mechanism of opening and closing of stomata (starch-sugar hypothesis) 2. Mineral nutrition: a) Macro and microelements: Roles and deficiency symptoms of N, P, K, Mg, Ca, Fe, Zn, Bo, and Mo. b) Mineral uptake -- Passive (ion exchange theory) and active (carrier concept). 3. Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, Source and sink relationship. 1. Enzymes: Chemical nature - Holoenzyme, apoenzyme, prosthetic group, co-factor & coenzyme. Properties, nomenclature, classification based on type of reactions, mechanism of enzyme action. 2. Growth regulators: Discovery, structure, types, roles and practical applications of Auxins, Gibberellins, Cytokinin, Abscissic acid and Ethylene. 1. Photosynthesis: Definition, ultra-structure of chloroplast, photosynthetic pigments, Light reactions-Hill reaction, red drop and Emerson enhancement effect, two pigment systems (PS-I, PS-II), Photophosphorylation - cyclic and non-cyclic, Z-scheme; Dark reactions -C3, C4 and CAM Pathways. C3 & C4 Plants &	Theory-Plant Physiology 1. Plant water relations: b) Diffusion, osmosis, plasmolysis and imbibition. b) Water absorption and ascent of sap (Transpiration pull theory) c) Transpiration - Definition, types, cuticular, lenticular and stomatal, structure of stomata, mechanism of opening and closing of stomata (starch-sugar hypothesis) 2. Mineral nutrition: a) Macro and microelements: Roles and deficiency symptoms of N, P, K, Mg, Ca, Fe, Zn, Bo, and Mo. b) Mineral uptake -- Passive (ion exchange theory) and active (carrier concept). 3. Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, Source and sink relationship. 1. Enzymes: Chemical nature - Holoenzyme, apoenzyme, prosthetic group, co-factor & coenzyme. Properties, nomenclature, classification based on type of reactions, mechanism of enzyme action. 2. Growth regulators: Discovery, structure, types, roles and practical applications of Auxins, Gibberellins, Cytokinin, Abscissic acid and Ethylene. 3. Photosynthesis: Definition, ultra-structure of chloroplast, photosynthetic pigments, Light reactions-Hill reaction, red drop and Emerson enhancement effect, two pigment systems (PS-I, PS-II), Photophosphorylation - cyclic and non-cyclic, Z-scheme; Dark reactions -C3, C4 and CAM Pathways. C3 & C4 Plants &	37	100%
----	---------	-----	--------------------	--	--	----	------



				2. Respiration: Definition, Ultra structure of mitochondria, types of respiration, Glycolysis, TCA Cycle, Photorespiration, Electron transport system, alcoholic and lactic acid fermentation.	Photorespiration 4. Respiration: Definition, Ultra structure of mitochondria, types of respiration, Glycolysis, TCA Cycle, Photorespiration, Electron transport system, alcoholic and lactic acid fermentation.				
03	B. Sc TY	V	BOT 511 P- IX	<u>Cell Biology and Molecular Biology</u> <u>Cell Biology</u> 1. The cell i. Cell as a unit of structure and function. ii. Characteristics of prokaryotic and eukaryotic cells. iii. Origin of eukaryotic cell. 2. Cell wall and plasma membrane i. Chemistry, structure and function of Plant cell wall. ii. Overview of membrane function: fluid mosaic model; Membranes chemical composition. iii. Membrane transport-Passive, active, facilitated transport, endocytosis and exocytosis. 3. Cell organelles i. Cytoskeleton: Role & structure of microtubules, microfilaments & intermediary filament. ii. Chloroplast, Mitochondria and Peroxisomes: Structural organization; iii. Function; Semiautonomous nature of mitochondria and chloroplast. iv. Endomembrane system: Endoplasmic Reticulum: Structure, targeting & proteins insertion in ER, protein folding, processing; smooth ER, lipid synthesis, export of proteins & lipids. v. Golgi Apparatus organization, protein glycosylation, protein sorting & export from Golgi Apparatus; Lysosomes. vi. Nucleus: Structure-nuclear envelope, nuclear pore, nuclear lamina, and nucleolus.	<u>Cell Biology and Molecular Biology</u> <u>Cell Biology</u> 1. The cell i. Cell as a unit of structure & function. ii. Characteristics of prokaryotic and eukaryotic cells. iii. Origin of eukaryotic cell. 2. Cell wall and plasma membrane i. Chemistry, structure and function of Plant cell wall. ii. Overview of membrane function: fluid mosaic model; Membranes chemical composition. iii. Membrane transport-Passive, active, facilitated transport, endocytosis and exocytosis. 3. Cell organelles i. Cytoskeleton: Role & structure of microtubules, microfilaments & intermediary filament. ii. Chloroplast, Mitochondria and Peroxisomes: Structural organization; iii. Function; Semiautonomous nature of mitochondria and chloroplast. iv. Endomembrane system: E R: Structure, targeting & proteins insertion in ER, protein folding, processing; smooth ER, lipid synthesis, export of proteins & lipids. v. Golgi Apparatus organization, protein glycosylation, protein sorting & export from Golgi Apparatus; Lysosomes. vi. Nucleus: Structure-nuclear envelope, nuclear pore, nuclear lamina, and nucleolus.	38	100%		

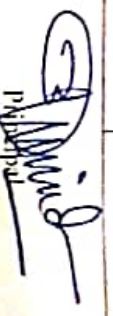




			Cell division and its behaviour: i. Cell division: - Cell cycle, Mitosis and Meiosis; significance. ii. Chromosomes: Morphology, Classification, Chemical Composition & organization, molecular organization of chromatin. iii. Special types of chromosomes- Polytene chromosomes, and Lamp brush chromosomes. iv. Chromosomal changes: Structural aberrations: deletion, duplication, inversion, translocation - their meiotic consequences and significance. v. Numerical aberration: Definition, Basic chromosome number (Genomic Number) Aneuploidy, Haploidy & Polyploidy - their meiotic behaviour & significance. Molecular Biology: 1. Nucleic acids:- i. DNA- the genetic material: the discovery of DNA as the genetic material. ii. Bacterial transformation (Griffith's & Avery's experiments); Hershey & Chase experiment. iii. Structure of DNA, Watson & Crick's Model, Types of DNA- (A, B, Z). 2. Replication:- i. Semi conservative replication-Meselson and Stahl's experiment; ii. Molecular mechanism of Replication 3. RNA: - Structure, types and properties. 1. Transcription i. Transcription in prokaryotes and eukaryotes. ii. Transcription regulation in prokaryotes e.g. Lac operon iii. Transcription regulation in eukaryotes. 2. Translation:- i. Translation in prokaryotes and eukaryotes. ii. Various steps in protein synthesis. Charging of tRNA, aminocyl tRNA synthetase. Proteins involved in initiation, elongation and termination of polypeptides. iii) Translation regulation	Cell division and its behaviour: i. Cell division: - Cell cycle, Mitosis and Meiosis; significance. ii. Chromosomes: Morphology, Classification, Chemical Composition & organization, molecular organization of chromatin. iii. Special types of chromosomes- Polytene chromosomes, and Lamp brush chromosomes. iv. Chromosomal changes: Structural aberrations: deletion, duplication, inversion, translocation - their meiotic consequences and significance. v. Numerical aberration: Definition, Basic chromosome number (Genomic Number) Aneuploidy, Haploidy & Polyploidy - their meiotic behaviour & significance. Molecular Biology: 1. Nucleic acids:- i. DNA- the genetic material: the discovery of DNA as the genetic material. ii. Bacterial transformation (Griffith's & Avery's experiments); Hershey & Chase experiment. iii. Structure of DNA, Watson & Crick's Model, Types of DNA- (A, B, Z). 2. Replication:- i. Semi conservative replication-Meselson and Stahl's experiment; ii. Molecular mechanism of Replication 3. RNA: - Structure, types and properties. 1. Transcription i. Transcription in prokaryotes and eukaryotes. ii. Transcription regulation in prokaryotes e.g. Lac operon iii. Transcription regulation in eukaryotes. 2. Translation:- i. Translation in prokaryotes & eukaryotes. ii. Various steps in protein synthesis. Charging of tRNA, aminocyl tRNA synthetase. Proteins involved in initiation, elongation and termination of polypeptides. iii) Translation regulation
--	--	--	--	--

Signature of Associate Professor

Head


Associate Professor

Vasantrao Naik Mahavidyalaya, Aurangabad
Syllabus Completion Report

Academic Year – 2024-25

Month: July & Aug (02 July 24 to 31 Aug 2024)

Department: Botany

Name of Teacher: Dr. Mahesh P. Kulkarni



Sr. No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus Completed	Total lectures	Syllabus completed in percentage	Remark
01	B. Sc FY	I	DSC I	<u>Theory-Morphology of Angiosperms</u> 1.1-Basic body plan of flowering plant, modular type of growth, diversity of plant forms – herbs, shrubs, trees, climbers: annuals, biennials and perennials. 1.2-Morphology of vegetative organs: a) Root: Characteristics, functions, regions of root, types – tap and adventitious, modification of root for storage, mechanical support (stilt root) and vital functions (Pneumatophore). b) Stem: Characteristics, functions, modification– underground, sub aerial and aerial. c) Leaf: Parts of typical leaf, phyllotaxy, types (simple and compound), diversity in shape and size, venation and modifications of leaf. 2 morphology of reproductive organs 2.1 Inflorescence- racemose, cymose and special types <u>Theory-Plant Physiology</u> 1. Plant water relations: a) Diffusion, osmosis, plasmolysis and imbibition. b) Water absorption and ascent of sap (Transpiration pull theory)	1.1-Basic body plan of flowering plant, modular type of growth, diversity of plant forms – herbs, shrubs, trees, climbers: annuals, biennials and perennials. 1.2-Morphology of vegetative organs: a) Root: Characteristics, functions, regions of root, types – tap and adventitious, modification of root for storage, mechanical support (stilt root) and vital functions (Pneumatophore). b) Stem: Characteristics, functions, modification– underground, sub aerial and aerial. c) Leaf: Parts of typical leaf, phyllotaxy, types (simple and compound), diversity in shape and size, venation and modifications of leaf. 2 morphology of reproductive organs 2.1 Inflorescence- racemose, cymose and special types 1. Plant water relations: b) Diffusion, osmosis, plasmolysis and imbibition. b) Water absorption and ascent of sap (Transpiration pull theory) c) Transpiration - Definition, types, cuticular, lenticular and stomatal,	14	100%	



02	B Sc SY	III	BOT 312 P-VI	c) Transpiration - Definition, types, cuticular, lenticular and stomatal, structure of stomata, mechanism of opening and closing of stomata (starch-sugar hypothesis) 2. Mineral nutrition: a) Macro and microelements: Roles and deficiency symptoms of N, P, K, Mg, Ca, Fe, Zn, Bo, and Mo. b) Mineral uptake -- Passive (ion exchange theory) and active (carrier concept). 3. Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, Source and sink relationship. 1. Enzymes: Chemical nature - Holoenzyme, apoenzyme, prosthetic group, co-factor & coenzyme. Properties, nomenclature, classification based on type of reactions, mechanism of enzyme action. 2. Growth regulators: - Discovery, structure, types, roles	structure of stomata, mechanism of opening and closing of stomata (starch-sugar hypothesis) 2. Mineral nutrition: a) Macro and microelements: Roles and deficiency symptoms of N, P, K, Mg, Ca, Fe, Zn, Bo, and Mo. b) Mineral uptake -- Passive (ion exchange theory) and active (carrier concept). 3. Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, Source and sink relationship. 1. Enzymes: Chemical nature - Holoenzyme, apoenzyme, prosthetic group, co-factor & coenzyme. Properties, nomenclature, classification based on type of reactions, mechanism of enzyme action. 2. Growth regulators: - Discovery, structure, types, roles	22	57 100%	
				Cell Biology and Molecular Biology Cell Biology 1. The cell i. Cell as a unit of structure and function. ii. Characteristics of prokaryotic and eukaryotic cells. iii. Origin of eukaryotic cell. 2. Cell wall and plasma membrane i. Chemistry, structure and function of Plant cell wall. ii. Overview of membrane function: fluid mosaic model; Membranes chemical composition. iii. Membrane transport-Passive, active, facilitated transport, endocytosis and exocytosis. 3. Cell organelles i. Cytoskeleton: Role & structure of	Cell Biology 1. The cell i. Cell as a unit of structure and function. ii. Characteristics of prokaryotic and eukaryotic cells. iii. Origin of eukaryotic cell. 2. Cell wall and plasma membrane i. Chemistry, structure and function of Plant cell wall. ii. Overview of membrane function: fluid mosaic model; Membranes chemical composition. iii. Membrane transport-Passive, active, facilitated transport, endocytosis and exocytosis. 3. Cell organelles i. Cytoskeleton: Role & structure of			



03	B.Sc TY	V	BOT 511 P-IX	microtubules, microfilaments & intermediary filament. ii. Chloroplast, Mitochondria and Peroxisomes: Structural organization; iii. Function; Semiautonomous nature of mitochondria and chloroplast. iv. Endomembrane system: Endoplasmic Reticulum: Structure, targeting & proteins insertion in ER, protein folding, processing; smooth ER, lipid synthesis, export of proteins & lipids. v. Golgi Apparatus organization, protein glycosylation, protein sorting & export from Golgi Apparatus; Lysosomes. vi. Nucleus: Structure-nuclear envelope, nuclear pore, nuclear lamina, and nucleolus. Cell division and its behaviour: i. Cell division: -Cell cycle, Mitosis and Meiosis; significance. ii. Chromosomes: Morphology, Classification, Chemical Composition & organization, molecular organization of chromatin. iii. Special types of chromosomes- Polytene chromosomes, and Lamp brush chromosomes. iv. Chromosomal changes: Structural aberrations: deletion, duplication, inversion, translocation - their meiotic consequences and significance. v. Numerical aberration: Definition, Basic chromosome number (Genomic Number) Aneuploidy, Haploidy & Polyploidy - their meiotic behaviour & significance.	microtubules, microfilaments & intermediary filament. ii. Chloroplast, Mitochondria and Peroxisomes: Structural organization; iii. Function; Semiautonomous nature of mitochondria and chloroplast. iv. Endomembrane system: Endoplasmic Reticulum: Structure, targeting & proteins insertion in ER, protein folding, processing; smooth ER, lipid synthesis, export of proteins & lipids. v. Golgi Apparatus organization, protein glycosylation, protein sorting & export from Golgi Apparatus; Lysosomes. vi. Nucleus: Structure-nuclear envelope, nuclear pore, nuclear lamina, and nucleolus. Cell division and its behaviour: i. Cell division: -Cell cycle, Mitosis and Meiosis; significance. ii. Chromosomes: Morphology, Classification, Chemical Composition & organization, molecular organization of chromatin. iii. Special types of chromosomes- Polytene chromosomes, and Lamp brush chromosomes. iv. Chromosomal changes: Structural aberrations: deletion, duplication, inversion, translocation - their meiotic consequences and significance. v. Numerical aberration: Definition, Basic chromosome number (Genomic Number) Aneuploidy, Haploidy & Polyploidy - their meiotic behaviour & significance.	22	100% 57
----	---------	---	--------------------	--	--	----	------------

Vasant Rao Naik Mahavidyalaya, Chh. Sambhajinagar

Semester wise Syllabus Completion Report

Academic Year 2024-25

Department: Zoology

Month: Sem I, III, V (July to October)

Name of the Teacher: Snehalata Ankaram



Sr.No.	Class	Semester	Paper Name/No.	Syllabus Planned	Actual Syllabus Completed	No. of Lectures/ Subunit	Syllabus Planned and Completed in Percentage
01	BSc I	I	Animal Diversity I DSC - I	Module No. I Introduction to Animal Kingdom / Protozoa and Porifera	Module No. I Introduction to Animal Kingdom / Protozoa and Porifera	10	100%
				Module No. II Coelenterate, Helminths & Annelida	Module No. II : Coelenterate, Helminths & Annelida	05	100%

Remark: Slow and Fast Learners were Identified. Teaching Learning Methodology is done by ICT enabled tools, using LMS (Google Classroom), Assignments, Discussions, Crossword Solving, Scrambled words

02	BSc II	III	Ecology VI	Unit I Introduction of Ecology	Unit I Introduction of Ecology	10	100%
				Unit 2: Ecosystem	Unit 2: Ecosystem	05	100%

Remark: Teaching Learning Methodology through ICT enabled tools, LMS (Google Classroom), Assignments, Discussions, Crossword Solving

03	BSc III	V	Animal Physiology I/ IX	Unit I: Nutrition and Digestion	Unit I: Nutrition and Digestion	14	100 %
				Unit II: Respiration	Unit II: Respiration	16	100 %
				Unit III: Circulation	Unit III: Circulation	15	100 %

Remark: Teaching Learning Methodology through ICT enabled tools, LMS (Google Classroom), Assignments, Group Discussions, Crossword Solving. A home assignment was allotted as Synopsis writing daily after teaching the subtopics.

04	BSc I	I	Bee Keeping SEC-I	Module No. I Scope and history of Apiculture	Module No. I Scope and history of Apiculture	05	100%
				Module No. II Bee colony	Module No. II Bee colony	05	100%
				Module No. III Nector	Module No. III Nector	05	100%

Vasant Rao Naik Mahavidyalaya, Aurangabad

Monthly Students Attendance Report

Academic Year – 2024-25

Month: July to Aug-2024

Department: Botany

Name of Teacher: Dr. M.P. Kulkarni



Sr. No.	Class	Semester	Paper No.	Number of Students admitted	Roll Number of Present Students	Attendance in percentage (Present Students)	Remark
01	B. Sc FY	I	DSC I	34	01,06,18,52 = 04	11.76%	
02	B. Sc FY	III	BOT 312 P-VI	28	02,04,09,13,14,15,21,46,47 = 09	32.14%	
03	B. Sc TY	V	BOT 511 P-IX	17	03,06,07,09,11,17,19,26,31 = 09	52.94%	

Signature of Associate Professor

Head

Principal

Vasant Rao Naik Mahavidyalaya, Chh. Sambhajinagar

Semester wise Syllabus Completion Report Academic Year 2024-25

Department: Zoology

Month: Sem I, III, V (July to August)

Name of the Teacher: Snehalata Ankaram



Sr.No.	Class	Semester	Paper Name/No.	Syllabus Planned	Actual Syllabus Completed	No. of Lectures/ Subunit	Syllabus Planned and Completed in Percentage
01	BSc I	I	Animal Diversity I DSC -1	Module No. I Introduction to Animal Kingdom / Protozoa and Porifera Module No. II Coelenterate, Helminths & Annelida	Module No. I Introduction to Animal Kingdom / Protozoa and Porifera Module No. II : Coelenterate, Helminths & Annelida	09 04	100% 30%
Remark: Slow and Fast Learners were Identified. Teaching Learning Methodology is done by ICT enabled tools, using LMS (Google Classroom), Assignments, Discussions, Crossword Solving, Scrambled words							
02	BSc II	III	Ecology VI	Unit I Introduction of Ecology Unit 2: Ecosystem	Unit I Introduction of Ecology Unit 2: Ecosystem, Climax	10 10	100% 90%
Remark: Teaching Learning Methodology through ICT enabled tools, LMS (Google Classroom), Assignments, Discussions, Crossword Solving							
03	BSc III	V	Animal Physiology I/ IX	Unit I: Nutrition and Digestion Unit II: Respiration Module No. I Scope and history of Apiculture	Unit I: Nutrition and Digestion Unit II: Respiration Module No. I Scope and history of Apiculture	12 10 05	100% 90% 100%
04	BSc I	I	Bee Keeping SEC-1	Module No. II Bee colony	Module No. II Bee colony	02	30%
Remark: Teaching Learning Methodology through ICT enabled tools, using LMS (Google Classroom), Assignments, Discussions, Crossword Solving							

Snehalata Ankaram
22/07/24

Principal



Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Mathematics

Month Sept - Oct - 24 Name of Teacher Dr. J. V. Patil



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Sc. F.Y.	First	DSC-I	As per academic teaching plan	100%	06	100%	
2	B.Sc. F.Y.	First	SECI A	As per academic teaching plan	100%	09	100%	
3	B.Sc. S.Y.	Third	MAT 302	As per academic teaching plan	100%	22	100%	
4	B.Sc. T.Y.	Fifth	MAT 502	As per academic teaching plan	100%	19	100%	

(Assistant/Associate Professor)

Signature
Of

HOD

Principal



Vasant Rao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Mathematics.

Month July, August

Name of Teacher Dr. J. V. Patil



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
	B.Sc. F.Y.	I st	DSC-I	As per academic Teaching Plan	100%.	18	100%.	
	B.Sc. S.Y.	III rd	MAT 302	As per academic Teaching Plan	100%.	31	100%.	
	B.Sc. T.Y.	V th	MAT 502	As per academic Teaching Plan	100%.	26	100%.	

Signature
OF
(Assistant/Associate Professor)

HOD

Principal

Vasantrao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Mathematics

Month sep-oct

Name of Teacher Mrs. G.S. Kaware



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lecturers	Syllabus Planned and Completed in Percentage	Remark
1	B.Sc. F.Y.	I st	DSE-I	According to academic teaching plan	100%	06	100%	
2	B.Sc. S.Y.	III rd	MAT 301	According to academic teaching plan	100%	32	100%	
3	B.Sc. T.Y.	V th	MAT 501	According to academic teaching plan	100%	19	100%	

G. Kaware

Signature

Of

(Assistant/Associate Professor)

HOD

[Signature]

Principal



Monthly Syllabus Completion Report

Academic Year 2024-25

Department Mathematics

Month _____

Name of Teacher Ms. G. S. Kachari

[illegible]

Shkandh
Signature

Of

(Assistant/Associate Professor)

HOD

1

Vasanturao Naik Mahavidyalaya, Aurangabad.

Monthly Syllabus Completion Report

Academic Year 2024-25

Department Mathematics

Month _____

Name of Teacher Mrs. G. S. Kaver



Sr.No.	Class	Semester	Paper No.	Syllabus Planned	Actual Syllabus completed	Total number of lectures	Syllabus Planned and Completed in Percentage	Remark
1	B.Sc.F.Y.	I st	DSC-I	According to academic teaching plan.	100%	67	100%	
2.	B.Sc.S.Y.	III rd	MAT -301	According to academic teaching plan	100%	30	100%	
3.	B.Sc.T.Y.	V th	MAT 501	According to academic teaching plan.	100%	26	100%	

Signature G. S. Kaver
OF
(Assistant/Associate Professor)

HOD

Principal G. S. Kaver