

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem. I, III, V

Department- Chemistry

Name of the Teacher – Dr. Mrs. S. D. Shirke

Name of the Class	Units Allotted	Units Completed	Remark
B.Sc.I (Div-A)	1. Stereochemistry of Organic compounds 2. Aromatic Hydrocarbons	1. Stereochemistry of Organic compounds 2. Aromatic Hydrocarbons	• Completed
B.Sc.I (Div- B)	1. Stereochemistry of Organic compounds 2. Aromatic Hydrocarbons	1. Stereochemistry of Organic compounds 2. Aromatic Hydrocarbons	• Completed
B.Sc.I (Div-C)	1. Stereochemistry of Organic compounds 2. Aromatic Hydrocarbons	1. Stereochemistry of Organic Compounds 2. Aromatic Hydrocarbons	• Completed
B.Sc. III	1. Natural Products – Terpenoids and Alkaloids 2. Green Chemistry and Pharmaceuticals	1. Natural Products – Terpenoids and Alkaloids 2. Green Chemistry and Pharmaceuticals	• Completed
M.Sc. II	Advanced Synthetic Methods- Use of following in synthesis	Advanced Synthetic Methods- Use of following in synthesis	Completed

SDS

SDS

Peer
प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Dr. Mrs. S. D. Shirke
Head
Dept. of Chemistry
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem. II, IV, VI

Department- Chemistry

Name of the Teacher – **Dr. Mrs. S. D. Shirke**

Name of the Class	Units Allotted	Units Completed	Remark
B. Sc. II	<ul style="list-style-type: none">1. Amino acids, Peptides and Proteins	<ul style="list-style-type: none">1. Amino acids, Peptides and Proteins	<ul style="list-style-type: none">Completed
B. Sc. III	<ul style="list-style-type: none">1. Nuclear Magnetic Resonance Spectroscopy2. Mass Spectroscopy	<ul style="list-style-type: none">1. Nuclear Magnetic Resonance Spectroscopy2. Mass Spectroscopy	<ul style="list-style-type: none">Completed
M. Sc. II	<ul style="list-style-type: none">1. Agrochemicals	<ul style="list-style-type: none">1. Agrochemicals	<ul style="list-style-type: none">Completed

S.D. Shirke

S.D. Shirke

Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College, Kolhapur

P. S.
प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kollhapur (Autonomous)
Syllabus Completion Report
Academic Year - 2022-23

Sem. I, III, V

Department- Chemistry

Name of the Teacher – Dr. Undale K. A.

Name of the Class	Units Allotted	Units Completed	Remark
B. Sc. I	1 practical batch every week	Completed	Completed
B. Sc. II	a) 2 practical batches every week	Completed	Completed
	b) Phase Equilibria	Phase Equilibria	Completed
	c) Solutions	Solutions	Completed
B. Sc. III	a) 1 Practical batch every week	Completed	Completed
	b) Chromatography	Chromatography	Completed
	c) Molecular Spectroscopy	Molecular Spectroscopy	Completed
M. Sc. II	Pericyclic Reactions	Pericyclic Reactions	Completed

Dr. Undale K. A.

Dr. Mrs. S. D. Shirke

प्राचार्य
विद्येकानंद कॉलेज
कोल्हापूर

Head

Dept. of Chemistry

Name of the Class	Units Allotted	Units Completed	Remark
B. Sc. I	1 practical batch every week	Completed	Completed
	a) Chemical Equilibria	Chemical Equilibria	Completed
B. Sc. II	b) Dairy Chemistry	Dairy Chemistry	Completed
	a) 2 practical batches every week	Completed	Completed
B. Sc. III	a) 1 Practical batch every week	Completed	Completed
	b) Fermentation Industry	Fermentation Industry	Completed
	c) Renewable Energy	Renewable Energy	Completed
M. Sc. II	Newer Methods of Stereoselective Synthesis	Newer Methods of Stereoselective Synthesis	Completed

Dr. Undale K. A.

Dr. Mrs. S. D. Shirke

प्राचार्य
विद्येकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kollhapur

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year – 2022-23

Sem-II, Sem-IV, Sem-VI

Department - Chemistry

Name of the Teacher – **Dr. S. S. Ankushrao**

Name of the Class	Units Allotted	Units Completed	Remark
B.Sc.I (Div-A)	▪ Chemical Energetics	▪ Chemical Energetics	Completed
B.Sc.I (Div- B)	▪ Chemical Energetics	▪ Chemical Energetics	Completed
B.Sc.I (Div-C)	▪ Chemical Energetics	▪ Chemical Energetics	Completed
B.Sc.II	▪ Crystal Field Theory	▪ Crystal Field Theory	Completed
B.Sc.III	▪ Corrosion and Passivity ▪ Introduction to Chemical Industry	▪ Corrosion and Passivity ▪ Introduction to Chemical Industry	Completed
M.Sc.I	▪ Thermal Analysis	▪ Thermal Analysis	Completed

Dr. S. S. Ankushrao

Dr. Mrs. S. D. Shirke

Head
Dept. of Chemistry
Vivekanand College, Kolhapur

प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

2023
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year – 2022 - 23

Sem - I, Sem - III, Sem - V

Department - Chemistry

Name of the Teacher – **Dr. S. D. Shinde**

Name of the Class	Units Allotted	Units Completed	Remark
B. Sc. I (Div A + B + C)	<ul style="list-style-type: none">Atomic Structure and Periodicity of ElementsChemical Bonding and Molecular structure (C)Molecular orbital theory (MOT)	<ul style="list-style-type: none">Atomic Structure and Periodicity of ElementsChemical Bonding and Molecular structure (C)Molecular orbital theory (MOT)	Completed
B. Sc. II	-	-	-
B. Sc. III	<ul style="list-style-type: none">Metals, Semiconductors and Superconductors.Organometallic Compounds	<ul style="list-style-type: none">Metals, Semiconductors and Superconductors.Organometallic Compounds	Completed
M. Sc. I	<ul style="list-style-type: none">Electronic, Electric and Optical behaviour of Inorganic materials	<ul style="list-style-type: none">Electronic, Electric and Optical behaviour of Inorganic materials	Completed



Dr. S. D. Shinde

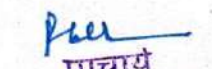


Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College, Kolhapur


प्राजापति
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year – 2022 - 23

Sem - II, Sem - IV, Sem - VI

Department - Chemistry

Name of the Teacher – **Dr. Dr. S. D. Shinde**

Name of the Class	Units Allotted	Units Completed	Remark
B. Sc. I	-	-	-
B. Sc. II	<ul style="list-style-type: none">Valence Bond Theory [VBT]Crystal Field Theory [CFT]Chelation	<ul style="list-style-type: none">Valence Bond Theory [VBT]Crystal Field Theory [CFT]Chelation	Completed
B. Sc. III	<ul style="list-style-type: none">ChelationInorganic Reaction mechanism	<ul style="list-style-type: none">ChelationInorganic Reaction mechanism	Completed
M. Sc. II	<ul style="list-style-type: none">Nuclear Quadrapole Resonance (NQR) and X-Ray Fluorescence (XRF) Spectroscopy	<ul style="list-style-type: none">Nuclear Quadrapole Resonance (NQR) and X-Ray Fluorescence (XRF) Spectroscopy	Completed

Shinde

Dr. S. D. Shinde

S. D. Shirke

Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College, Kolhapur

P. K. S.
प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-I, Sem-III, Sem-V

Department - Chemistry

Name of the Teacher – **Dr. A. S. Tapase**

Name of the Class	Units Allotted	Units Completed	Remark
B.Sc.I	-	-	-
B.Sc.II	<ul style="list-style-type: none">Chemical KineticsConductometric Titrations	<ul style="list-style-type: none">Chemical KineticsConductometric Titrations	Completed
B.Sc.III	<ul style="list-style-type: none">Quantum TheoryPhotochemitsry	<ul style="list-style-type: none">Quantum TheoryPhotochemitsry	Completed
M.Sc.II	<ul style="list-style-type: none">Magnetic Materials	<ul style="list-style-type: none">Magnetic Materials	Completed

A.S.Tapase

Dr. A. S. Tapase

S.D.Shirke

Dr. Mrs. S. D. Shirke
Head

Dept. of Chemistry
Vivekanand College, Kolhapur

P.S.
प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-II, Sem-IV, Sem-VI

Department - Chemistry

Name of the Teacher – **Dr. A. S. Tapase**

Name of the Class	Units Allotted	Units Completed	Remark
B.Sc.I (Div-A)	<ul style="list-style-type: none">▪ Distribution law▪ Nuclear chemistry	<ul style="list-style-type: none">▪ Distribution law▪ Nuclear chemistry	Completed
B.Sc.I (Div- B)	<ul style="list-style-type: none">▪ Distribution law▪ Nuclear chemistry	<ul style="list-style-type: none">▪ Distribution law▪ Nuclear chemistry	Completed
B.Sc.I (Div-C)	<ul style="list-style-type: none">▪ Distribution law▪ Nuclear chemistry	<ul style="list-style-type: none">▪ Distribution law▪ Nuclear chemistry	Completed
B.Sc.II	-	-	-
B.Sc.III	<ul style="list-style-type: none">▪ Thermodynamics▪ Adsorption	<ul style="list-style-type: none">▪ Thermodynamics▪ Adsorption	Completed
M.Sc.II	<ul style="list-style-type: none">▪ Chemical kinetics	<ul style="list-style-type: none">▪ Chemical kinetics	Completed

A.S. Tapase

Dr. A. S Tapase

S.D. Shirke

Dr. Mrs. S. D. Shirke
Head

Dept. of Chemistry
Vivekanand College, Kolhapur

Pr
प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Wankar College, Kolhapur (Autonomous)
Syllabus Completion Report for Academic Year - 2022-23

Sem. II, IV

Department- Chemistry

Name of the Teacher - Dr. D. S. Gaikwad

Class	Unit Allotted	Subject Code	Units Completed	Remark
M.Sc. I	Study of following reactions and Alkylation and Acylation	CC-1138B	a) Mechanism of condensation reaction involving enolates, Dieckmann, Wagner-Meerwein, Robinson annulation, Reimer-Tiemann, Chichibabin, Pummerer, Payne rearrangement, Simon-Smith, Ulmann, Mc-Murry, Dakin. b) Introduction, Types of alkylation and acylating agents: C-Alkylation and Acylation of active methylene compounds and their applications.	Nil
M.Sc. I	Study of Organometallic compounds and Methodologies in organic synthesis	CC-1138B	a) Organo-lithium, organo cobalt, Ce, Ti, Use of lithium dialkyl cuprate, their addition to carbonyl and unsaturated carbonyl compounds. b) Ideas of synthones and retrones, Functional group transformations and inter conversions of simple functionalities.	Nil
M.Sc. II	Stereochemistry: Allenes and spiranes	CC-1150D	Stereochemistry of compounds containing no chiral carbon atoms and diastereoisomerism (Geometrical isomerism). a) Stereochemistry of Allenes, Spiranes and Biphenyls. Assignment of configuration b) Configuration of diastereomers (Geometrical isomerism) based on physical and chemical methods.	Nil
M.Sc. II	Alkaloids	CC-1151D	Introduction, occurrence, isolation and functions of alkaloids, Structure, stereochemistry and synthesis of the following: Morphine, Reserpine, Atropine and Conin.	Nil
M.Sc. II	Vitamins	CC-1151D	Introduction of Vitamins, Classification and nomenclature of Vitamins, Sources of vitamins and their deficiency, Synthesis, structure and biological functions of vitamin B1, B2, B5, B6 and Biotin (Vitamin H).	Nil
M.Sc. II	Organic chemistry Practicals	CPP-1154D & CPP1155D	a) Estimation of Nitrogen and Sulphur b) Three step preparation	Nil

D. S. Gaikwad

Dr. D. S. Gaikwad

Dr. D. S. Gaikwad
प्रचारक
विद्येकानंद कॉलेज
कोल्हापूर

Dr. D. S. Gaikwad

Dr. Mrs. S. D. Shirke

Head
Dept. of Chemistry
Wankar College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23. M.Sc, Sem. I, III

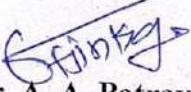
Department- Chemistry


Name of the Teacher – Dr. A. A. Patravale

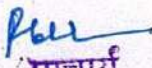
Month – September				
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.I Sem I:-	Lectures	Reaction mechanism	Introduction of of reaction mechanism and reactivity of carbocations and carbanions, free radicals, arynes, carbenes, N-heterocyclic carbene, nitrenes	Completed
		Module Unit	Sub-Units Planned	
		a) Reaction mechanism b) Aliphatic Nucleophilic substitutions	a) reactivity of nitrenes and Nitrogen, sulphur and phosphorus ylides. b) SN2 and SN1, SNi reactions with respects to mechanism and stereochemistry. Nucleophilic substitutions at an allylic, aliphatic trigonal, benzylic, aryl and vinylic carbons.	Completed

Month – October				
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.I Sem I	Lectures	b) Aliphatic Nucleophilic substitutions	Reactivity effect of substrate structure, effect of attacking nucleophiles, leaving groups and reaction medium.	Completed
M.Sc.I Sem I	Practical's	Preparation	Synthesis of various organic compounds	Completed
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.II Sem III	Lectures	Drugs	Development of new drugs, procedures followed in drug design. History and development of Quantitative structure activity relationship (QSAR). Concepts of drug receptors, Relation of chemical structure and chemical activity. Antibiotics Introduction, β -lactum Antibiotics, cephalosporin Antibiotics, SAR of β -lactum and cephalosporin, Structural features of tetracycline & macrocyclic antibiotics (no synthesis).	Completed

Month – January				
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.I Sem I	Lectures	b) Six membered Heterocycles with one heteroatom	Synthesis and reactions of Coumarine,	Completed
M.Sc.I Sem I	Practical's	Estimation	Estimation of various drug and chemicals Repeat experiment preparation and estimation	Completed


Dr. A. A. Patravale


Dr. Mrs. S. D. Shirke


प्राचार्य
दिवेकानंद कॉलेज
कोल्हापूर

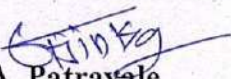
Vivekanand College, Kolhapur (Autonomous)
Syllabus Completion Report
 Academic Year – 2022-23 M.Sc, Sem. II, IV
 Department- Chemistry
 Name of the Teacher – **Dr. A. A. Patravale**


Month – February				
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.I Sem II	Lectures	Benzenoid and Non benzenoid aromatic Compounds	a) Polycyclic aromatic compounds: Synthesis, reactions, Linear and non-linear ortho fused polynuclear hydrocarbons.	Completed

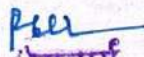
Month – March				
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.I Sem II	Lectures	a) Oxidation	Oxidation of alcohol to aldehyde, ketone or acid: Jones reagent, Swern oxidation, Collins reagent, Fetizones reagent, PCC, PDC, IBX, Activated MnO ₂ , Chromyl chloride (Etard reaction), TEMPO, NMO, Moffatt oxidation .	Completed
M.Sc.I Sem II	Practical's	Mixture	Binary Mixture 1 and 2	Completed
M.Sc.II Sem IV		Benzenoid and Non benzenoid aromatic Compounds	b) Introduction to Aromaticity and anti-aromaticity, Non- benzenoids compounds, Three and five membered carbocyclic compounds, Crown ether complexes, cyclodextrins, cryptands, catenates and rotaxanes.	Completed

Month – April				
Class	Lectures / Practical's	Module Unit	Sub-Units Planned	Remark
M.Sc.I Sem II	Lectures	b)Hydroboration c) Enamines	Mechanism and Synthetic Applications Formation and reactivity of enamines	Completed
M.Sc.I Sem II	Practical's	Mixture	Binary Mixture 3 and 4	Completed

Month – June				
Lectures / Practical's	Module Unit		Sub-Units Planned	Remark
M.Sc.I Sem II	Practical's	Mixture	Binary Mixture revised 4 and 5	Completed


Dr. A. A. Patravale


Dr. Mrs. S. D. Shirke


प्राचार्य
शिवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-II, Sem-IV,

Department - Chemistry

Name of the Teacher — Mr. A.T. Mane

Name of the Class	Units Allotted	Units Completed	Remark
M.Sc.I	Unit I: Chemistry of non-transition elements	Unit I: Chemistry of non-transition elements	Completed
M.Sc.II (Inorganic chemistry)	Unit I: Mossbauer spectroscopy Unit II: Electron Spin resonance Spectroscopy Unit III: Coordination Polymer Unit IV: Application of Coordination Compounds	Unit I: Mossbauer spectroscopy Unit II: Electron Spin resonance Spectroscopy Unit III: Coordination Polymer Unit IV: Application of Coordination Compounds	Completed



Mr. A. T. Mane



Dr. Mrs. S. D. Shirke

Head
Dept. of Chemistry
Vivekanand College, Kolhapur



प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-I, Sem-III,

Department - Chemistry

Name of the Teacher — Mr. A.T. Mane

Name of the Class	Units Allotted	Units Completed	Remark
M.Sc.I	a) Stereochemistry and bonding in main group compounds b) Metal ligand equilibria in solution	a) stereochemistry and bonding in main group compounds b) Metal ligand equilibria in solution	Completed
M.Sc.II (Inorganic chemistry)	Unit I: Photochemistry of metal complexes Unit II: Reaction of coordinated ligands Unit III: Magnetic properties of Transition metal complexes. Unit IV: Mixed ligand complexes and Catalysis of Transition metal complexes	Unit I: Photochemistry of metal complexes Unit II: Reaction of coordinated ligands Unit III: Magnetic properties of Transition metal complexes. Unit IV: Mixed ligand complexes and Catalysis of Transition metal complexes	Completed



Mr. A. T. Mane



Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry
Vivekanand College Kolhapur



प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23 M. Sc. Part-I & II (Sem- II & IV)

Department - Chemistry

Name of the Teacher: **Dr. S. D. Kharade**

Name of the Class	Units Allotted	Units Completed	Remark
M. Sc. I	Studies and applications of Lanthanides and Actinides	Studies and applications of Lanthanides and Actinides	Completed
M. Sc. II	1. Inorganic Reaction Mechanism	1. Inorganic Reaction Mechanism	Completed
	2. Reaction Mechanism of Transition Metal complexes	2. Reaction Mechanism of Transition Metal complexes	Completed
	3. Air Pollution and Control Methods	3. Air Pollution and Control Methods	Completed
	4. Water Pollution and Monitoring Control Methods	4. Water Pollution and Monitoring Control Methods	Completed

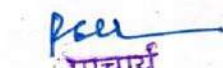


Dr. S. D. Kharade



Dr. Mrs. S. D. Shirke


Head
Dept. of Chemistry
Vivekanand College Kolhapur


प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

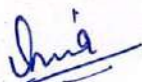
Academic Year - 2021-22 Sem-I,

Sem-II and Sem-IV

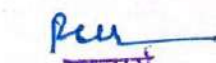
Department - Chemistry

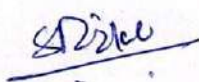
Name of Teacher: **Dr. Mrs. H. V Sanghani**

Name of the Class	Units Allotted	Units Completed	Remark
M. Sc. I	Unit 2-a. Nuclear Magnetic Resonance (NMR) (08) b. Mass Spectroscopy (07)	Unit 2-a. Nuclear Magnetic Resonance (NMR) (08) b. Mass Spectroscopy (07)	Completed
M. Sc. II	1. Mass Spectroscopy: (15) 2. Nanotoxicity and Biosafety (15) 3. Polymers (10) Applications of Oxo & Wacker Process: Soaps & Synthetic Detergents (05) 4. Energy Conversion Devices (15) 5. Nanotoxicity and Biosafety (15)	1. Mass Spectroscopy: (15) 2. Nanotoxicity and Biosafety (15) 3. Polymers (10) Applications of Oxo & Wacker Process: Soaps & Synthetic Detergents (05) 4. Energy Conversion Devices (15) 5. Nanotoxicity and Biosafety (15)	Completed Completed Completed Completed Completed



Dr. H. V. Sanghani

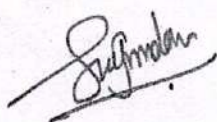

प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर


Dr. Mrs. S. D. Shirke
Head
Dept. of Chemistry
Vivekanand College, Kolhapur

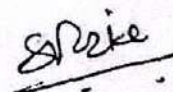
Vivekanand College, Kolhapur (Autonomous)
Syllabus Completion Report
Academic Year - 2021-22Sem-II,
Sem-IVSem-VI
Department - Chemistry

Name of the Teacher — Miss.S.N.Inamdar

Name of the Class	Units Allotted	Units Completed	Remarks
B.Sc.I (DIV-B)	Chromatography • Dairy Chemistry	Chromatography • Dairy Chemistry	Completed
B.Sc.III	• Radioactivity • Fertilizers	• Radioactivity • Fertilizers	Completed
M.Sc.II	• Advanced synthetic methods of inorganic nanomaterials	• Advanced synthetic methods of inorganic nanomaterials	Completed

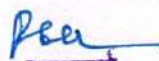


Miss.S.N.Inamdar



Dr. Mrs. S. D. Shirke

Head
Dept. of Chemistry
Vivekanand College, Kolhapur


प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

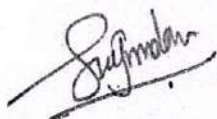
Academic Year - 2021-22 Sem-I,

Sem-III, Sem-V


Department - Chemistry

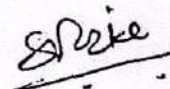
Name of the Teacher — Miss.S.N.Inamdar

Name of the Class	Units Allotted	Units Completed	Remark
B.sc.II	<ul style="list-style-type: none">Physical properties of liquid	<ul style="list-style-type: none">Physical properties of liquid	Completed
B.sc.III	<ul style="list-style-type: none">Qualitative and quantitative analysis	<ul style="list-style-type: none">Qualitative and quantitative analysis	Completed



Miss. S.N.Inamdar


प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर



Dr. Mrs. S. D. Shirke
Head
Dept. of Chemistry
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)
Syllabus Completion Report


Academic Year - 2022-23

Sem-I

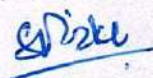
Department - Chemistry

Name of the Teacher – **Miss. P. A. Gholap**

Name of the Class	Units Allotted	Units Completed	Remark
M.Sc.I	Molecular spectroscopy	Molecular spectroscopy	Completed
M.Sc.I	Chemistry of polymers	Chemistry of polymers	Completed
M.Sc.I	Collision and surface phenomena	Collision and surface phenomena	Completed
M.Sc.I	Thermodynamics	Thermodynamics	Completed
M.Sc.II	Catalysis	Catalysis	Completed



Miss. P. A. Gholap

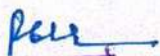


Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College, Kolhapur


प्राचार्य
विवेकानंद कॉलेज
कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-II

Department - Chemistry

Name of the Teacher – Miss. P. A. Gholap

Name of the Class	Units Allotted	Units Completed	Remark
M.Sc.I	Photochemistry	Photochemistry	Completed
M.Sc.I	Electrochemistry	Electrochemistry	Completed
M.Sc.I	Chemical Kinetics	Chemical Kinetics	Completed
M.Sc.I	Introduction to spectroscopy	Introduction to spectroscopy	Completed
M.Sc.II	Energy storage devices	Energy storage devices	Completed

P.A.Gholap

Miss. P. A. Gholap

S.D. Shirke

Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College, Kolhapur

Pee
प्राचार्य

विवेकानंद कॉलेज

कोल्हापूर

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-I, Sem-III, Sem-V

Department- Chemistry

Name of the Teacher – Mr. S. S. Kadam

Name of the Class	Units Allotted	Units Completed	Remark
B.Sc.I (Div-A)	<ul style="list-style-type: none">Fundamentals of Organic ChemistryAldehyde and Ketones	<ul style="list-style-type: none">Fundamentals of Organic ChemistryAldehyde and Ketones	Completed
B.Sc.I (Div- B)	<ul style="list-style-type: none">Fundamentals of Organic ChemistryAldehyde and Ketones	<ul style="list-style-type: none">Fundamentals of Organic ChemistryAldehyde and Ketones	Completed
B.Sc.I (Div-C)	<ul style="list-style-type: none">Fundamentals of Organic ChemistryAldehyde and Ketones	<ul style="list-style-type: none">Fundamentals of Organic ChemistryAldehyde and Ketones	Completed
B.Sc.III	<ul style="list-style-type: none">Name reactionsElectrophilic and Nucleophilic substitution reactions of aromatic compounds	<ul style="list-style-type: none">Name reactionsElectrophilic and Nucleophilic substitution reactions of aromatic compounds	Completed
M.Sc.I	<ul style="list-style-type: none">Elimination Reaction & Study of Following reaction	<ul style="list-style-type: none">Elimination Reaction & Study of Following reaction	Completed

Mr. S. S. Kadam

Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Syllabus Completion Report

Academic Year - 2022-23

Sem-II, Sem-IV, Sem-VI

Department- Chemistry

Name of the Teacher – Mr. S. S. Kadam

Name of the Class	Units Allotted	Units Completed	Remark
B.Sc.I (Div-A)	▪ Chemical Kinetics	▪ Chemical Kinetics	Completed
B.Sc.I (Div- B)	▪ Chemical Kinetics	▪ Chemical Kinetics	Completed
B.Sc.I (Div-C)	▪ Chemical Kinetics	▪ Chemical Kinetics	Completed
B.Sc.II	▪ Carboxylic acids and their derivatives	▪ Carboxylic acids and their derivatives	Completed
B.Sc.III	▪ Introduction to Spectroscopy ▪ Ultra-Violet (UV) Spectroscopy ▪ Combined problems based on NMR,UV,IR	▪ Introduction to Spectroscopy ▪ Ultra-Violet (UV) Spectroscopy ▪ Combined problems based on NMR,UV,IR	Completed
M.Sc.I	▪ Reduction & Protection of functional group	▪ Reduction & Protection of functional group	Completed



Mr. S. S. Kadam



Dr. Mrs. S. D. Shirke
Head
Dept. of Chemistry
Vivekanand College Kolhapur