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VIJAYANAGAR COLLEGE HOSAPETE
(Affiliated to Vijayanagar Sri Krishnadevaraya University, Bellary)
Accredited 'B++' Grade by NAAC

DEPARTMENT OF BOTANY

LESSON PLAN FOR ACADEMIC YEAR 2017-18 FOR BSc I, III & V SEMESTER

NAME OF THE STAFF – DR. K PREMALATHA

Sl. No	Month	Class/ Paper/ Practical	Syllabus allotted	Syllabus Covered	% of syllabus completed
1	Jul	BSc V Sem	**Floral Morphology of Flower**: Complete account of flower. **Unit 2: TAXONOMY OF ANGIOSPERMS** 1. Principles of classifications, Binomial nomenclature, species concept, systems of Classification by Bentham & Hooker, AGP III and their merits and demerits. **6Hrs**	**Floral Morphology of Flower**: Complete account of flower. **Unit 2: TAXONOMY OF ANGIOSPERMS** 1. Principles of classifications, Binomial nomenclature, species concept, systems of Classification by Bentham & Hooker, AGP III and their merits and demerits.	100%
		BSc I Sem	**Unit 6: FUNGI: -** General Characters, Classification based on Alexopolous. Structure, Reproduction and life cycle, disease symptoms and controlling methods of following Plants *Albugo, Rhizopus, Pencillium, Puccinia and Cercospora* **5 Hrs**	**Unit 6: FUNGI: -** General Characters, Classification based on Alexopolous. Structure, Reproduction and life cycle, disease symptoms and controlling methods of following Plants *Albugo, Rhizopus,*	80%
2	Aug	BSc V Sem	2. Herbarium techniques, botanical gardens and Botanical Survey of India and its functions & Important herbaria of India. 3. Study of the following families with plants of economic importance (Bentham & Hooker's system to be followed). **6Hrs**	2. Herbarium techniques, botanical gardens and Botanical Survey of India and its functions & Important herbaria of India. 3. Study of the following families with plants of economic importance (Bentham & Hooker's system to be followed).	100%
		BSc I Sem	**Unit 7: LICHENS: -** Occurrence and classification. External and internal structures of Crustose, Foliose and Fruticose Lichens – Economic importance as spices,	**Unit 7: LICHENS: -** Occurrence and classification. External and internal structures of Crustose, Foliose and Fruticose Lichens – Economic	100%

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			medicine, cosmetics and pollution indicators. **2 Hrs** **Unit 8: PLANT PATHOLOGY:** - Symptoms, etiology, casual organism and control of the following diseases. 2.) Red rot of Sugarcane – Powdery mildew of Crucifers (3). Smut disease of Jawar **2 Hrs**	importance as spices, medicine, cosmetics and pollution indicators. **Unit 8: PLANT PATHOLOGY:** - Symptoms, etiology, casual organism and control of the following diseases. 2.) Red rot of Sugarcane – Powdery mildew of Crucifers (3). Smut disease of Jawar	
3	Sept	**BSc V Sem** **BSc I Sem**	4. **Dicots**: Anonaceae, Brassicaceae, Capparaceae, Malvaceae, Rutaceae, Anacardiaceae, Fabaceae (Caesalpinioideae, Mimosoideae & Fabiodeae), Myrtaceae. **8Hrs** **Unit 9: BIO-PROSPECTING** 1. *Nostoc, Anabaena* and Rhizobium as fertilizer. **2.** Use of *Trichoderma* as pesticides **3.** *Spirulina* as food **08 Hrs**	4. **Dicots**: Anonaceae, Brassicaceae, Capparaceae, Malvaceae, Rutaceae, Anacardiaceae. **Unit 9: BIO-PROSPECTING** 1. *Nostoc, Anabaena* and Rhizobium as fertilizer.	**80%** **50%**
4.	Oct	**BSc V Sem** **BSc I Sem**	Cucurbitaceae, Apiaceae, Rubiaceae, Asteraceae, Apocynaceae, Solanaceae, Acanthaceae, Lamiaceae, Amaranthaceae and Euphorbiaceae **5. Monocots**: Liliaceae, Arecaceae, Orchidaceae & Poaceae. **8Hrs** **Unit 9: BIO-PROSPECTING** 1. *Nostoc, Anabaena* and Rhizobium as fertilizer. **2.** Use of *Trichoderma* as pesticides **3.** *Spirulina* as food **08 Hrs**	Cucurbitaceae, Apiaceae, Rubiaceae, Asteraceae, Apocynaceae, Solanaceae, Acanthaceae, Lamiaceae, Amaranthaceae and Euphorbiaceae **2.** Use of *Trichoderma* as pesticides **3.** *Spirulina* as food	**70%** **100%**

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DEPARTMENT OF BOTANY

LESSON PLAN FOR ACADEMIC YEAR 2017-18 FOR BSc II, IV & VI SEMESTER

NAME OF THE STAFF – DR. K PREMALATHA

Sl. No	Month	Class/ Paper/ Practical	Syllabus allotted	Syllabus Covered	% Of syllabus completed
1	Jan	BSc VI Sem	**Unit 1. Plant water relations**: Significance of water for plants. Solutions, Colloidal systems Osmosis (OP, TP, DPD and water potential, Plasmolysis, exosmosis, deplasmolysis and endosmosis). **03Hrs** **Unit 2. Absorption of water**: Mechanism of active osmotic and active non-osmotic and passive absorption. **03Hrs**	**Unit 1. Plant water relations**: Significance of water for plants. Solutions, Colloidal systems Osmosis (OP, TP, DPD and water potential, Plasmolysis, exosmosis, deplasmolysis and endosmosis). **Unit 2. Absorption of water**: Mechanism of active osmotic and active non-osmotic and passive absorption.	100%
		BSc II Sem	**Unit 1:** BRYOPHYTE: - Introduction, Classification,	**Unit 1:** BRYOPHYTE: - Introduction, Classification,	100%
2	Feb	BSc VI Sem	**Unit 4. Absorption of Mineral salts**: Mechanism of absorption – Passive absorption (Diffusion, Mass flow, Ion exchange, Donnan's Equilibrium), Active absorption (Lundergardh and Burstrom Cytochrome Pump theory, Lecithin Cycle, Carrier concept). **03Hrs** **Unit 5. Transpiration:** Types of transpiration, Mechanism of stomatal transpirationstructure of stomata, Mechanism of stomatal movements, Starch Sugar theory and Proton transport concept. Significance of transpiration, Factors affection transpiration. Guttation and	**Unit 4. Absorption of Mineral salts**: Mechanism of absorption – Passive absorption (Diffusion, Mass flow, Ion exchange, Donnan's Equilibrium), Active absorption (Lundergardh and Burstrom Cytochrome Pump theory, Lecithin Cycle, Carrier concept). **03Hrs** **Unit 5. Transpiration:** Types of transpiration, Mechanism of stomatal transpirationstructure of stomata, Mechanism of stomatal movements, Starch Sugar theory and Proton transport concept.	100%

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			wilting point. **04Hrs**	Significance of transpiration, Factors affection transpiration. Guttation and wilting point.	
		BSc II Sem	**Unit 1:** BRYOPHYTE: - Structure and reproduction and alternation of generation of the following example. *Marchantia*	**Unit 1:** BRYOPHYTE: - Structure and reproduction and alternation of generation of the following example. *Marchantia*	**100%**
3	**Mar**	**BSc VI Sem**	**Unit 6. Translocation of solutes**: - Types (Upward, radial and downward), path (phloem Ringing Expt., Protoplasmic streaming theory and Munch Flow theory). **03Hrs** **Unit 7. Enzymes**: Nomenclature, Structure, Classification and Mode of enzyme action. **02Hrs**	**Unit 6. Translocation of solutes**: - Types (Upward, radial and downward), path (phloem Ringing Expt., Protoplasmic streaming theory and Munch Flow theory). **Unit 7. Enzymes**: Nomenclature, Structure, Classification and Mode of enzyme action.	**100%**
		BSc II Sem	**Unit 1:** BRYOPHYTE: - Structure and reproduction and alternation of generation of the following example. *Anthoceros* and *Polytrichum*	**Unit 1:** BRYOPHYTE: - Structure and reproduction and alternation of generation of the following example. *Anthoceros* and *Polytrichum*	**100%**
4	**Apr**	**BSc VI Sem**	**Unit 8. Photosynthesis:** Structure and functions of chloroplast, Photosynthetic pigments, Photosystem I and Photosystem II. The Z scheme – the light and dark reactions, C3, C4 pathway and CAM plants. The law of limiting factors, Factors affecting photosynthesis. Photosynthesis in Bacteria. **05 Hrs** **Unit 09. Respiration**: Introduction, Types, biochemical pathways of respiration- Glycolysis. TCA Cycle, Electron Transport System and Terminal oxidation. An account of	**Unit 8. Photosynthesis:** Structure and functions of chloroplast, Photosynthetic pigments, Photosystem I and Photosystem II. The Z scheme – the light and dark reactions, C3, C4 pathway and CAM plants. The law of limiting factors, Factors affecting photosynthesis. Photosynthesis in Bacteria. **Unit 09. Respiration**: Introduction, Types, biochemical pathways of respiration- Glycolysis. TCA Cycle, Electron	**70%**

			anaerobic respiration and fermentation. Significance as an industrial process. **05 Hrs**	Transport System and Terminal oxidation.	
		BSc II Sem	Brief account of evolution of sporophyte in Bryophytes.	Brief account of evolution of sporophyte in Bryophytes.	**100%**

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DEPARTMENT OF PHYSICS

Lesson Plan and execution

Name of Faculty: Dr. M. Prabhugouda Odd Semester Year: 2018-19

S.No.	Month	Class	Syllabus allotted	Syllabus Completed	Percentage Of Plan Executed
1	July	B.Sc. V	Coherent and incoherent scattering, Rayleigh scattering, Raman effect Experimental study, classical and quantum theory. application of Raman effect- determination of force constant, bond length of diatomic molecule and structure of tri-atomic molecule.	Coherent and incoherent scattering, Rayleigh scattering, Raman effect Experimental study, classical and quantum theory. application of Raman effect- determination of force constant, bond length of diatomic molecule and structure of tri-atomic molecule.	100%
		B.Sc. III	Coulomb's law, electrostatic field	Coulomb's law, electrostatic field	100%
2	Aug	B.Sc. V	Concept of spatial quantization, spinning electron hypothesis, quantum number. Pauli's exclusion principle.	Concept of spatial quantization, spinning electron hypothesis, quantum number. Pauli's exclusion principle.	100%
		B.Sc. III	Gauss law, applications of Gauss law,	Gauss law, applications of Gauss law	100%
3	Sep	B.Sc. V	Fine structure of spectral lines; Stern and Gerlach experiment; degeneracy associated with magnetic quantum number.	Fine structure of spectral lines; Stern and Gerlach experiment; degeneracy associated with magnetic quantum number.	100%
		B.Sc. III	Ampere's circuit law and its applications. Concept of dipole, current loop as a dipole. Torque on a dipole. Concept of displacement current. Maxwell's ectromagnetic field equations (no derivations).	Ampere's circuit law and its applications. Concept of dipole, current loop as a dipole. Torque on a dipole. Concept of displacement current. Maxwell's ectromagnetic field equations (no derivations).	100%
4	Oct	B.Sc. V	Selection rules. Coupling schemes LS and JJ-coupling for a pair of electrons. Zeeman effect; experimental study, quantum theory of normal and anomalous zeeman effect, Stark effect (qualitative).	Selection rules. Coupling schemes LS and JJ-coupling for a pair of electrons. Zeeman effect; experimental study, quantum theory of normal and anomalous zeeman effect, Stark effect (qualitative).	100%
		B.Sc. III	Modified Ampere's circuit law. Wave equation for field vectors. Statement of Pointing theorem and its physical significance. Equation for plane electromagnetic waves in free space. Production of electromagnetic waves. Hertz experiment.	Modified Ampere's circuit law. Wave equation for field vectors. Statement of Pointing theorem and its physical significance. Equation for plane electromagnetic waves in free space. Production of electromagnetic waves. Hertz experiment.	100%

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VIJAYANAGAR COLLEGE Date: HOSAPETE

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DEPARTMENT OF PHYSICS

Lesson Plan and execution

Name of Faculty: Dr. M. Prabhugouda Even Semester Year: 2018-19

S.No.	Month	Class	Syllabus allotted	Syllabus Completed	Percentage Of Plan Executed
1	Jan	B.Sc. VI	Scope of Materials science, engineering classification of materials, engineering requirement of materials, crystalline and non-crystalline states of materials	Scope of Materials science, engineering classification of materials, engineering requirement of materials, crystalline and non-crystalline states of materials	100%
		B.Sc. IV	Review of the idea total internal reflection. Optical fibres: structure, dispersion & propagation of light through optical fibres, angle of acceptance, expression for numerical aperture and refractive index, applications of optical fibres.	Review of the idea total internal reflection. Optical fibres: structure, dispersion & propagation of light through optical fibres, angle of acceptance, expression for numerical aperture and refractive index, applications of optical fibres	100%
2	Feb	B.Sc. VI	Covalent bonding, ionic bonding and metallic bonding. Give examples and discuss covalent solids, ionic solids and metallic solids.	Covalent bonding, ionic bonding and metallic bonding. Give examples and discuss covalent solids, ionic solids and metallic solids.	100%
		B.Sc. IV	Diffraction, Concepts of Fresnel and Fraunhoffer diffractions. Rectilinear propagation of light. Theory of Zone plate,	Diffraction, Concepts of Fresnel and Fraunhoffer diffractions. Rectilinear propagation of light. Theory of Zone plate,	100%
3	Mar	B.Sc. VI	Strength, elasticity and hardness (give examples and compare properties of different materials), fatigue, creep and fracture	Strength, elasticity and hardness (give examples and compare properties of different materials), fatigue, creep and fracture	100%
		B.Sc. IV	Comparison between zone plate and convergent lens. Fresnel's diffraction at a straight edge and wire.	Comparison between zone plate and convergent lens. Fresnel's diffraction at a straight edge and wire.	100%
4	Apr	B.Sc. VI	Conductivity of metals, semiconductors and superconductors. Dielectric properties of insulators (dielectric properties), thermal conductivity and thermal expansion	Conductivity of metals, semiconductors and superconductors. Dielectric properties of insulators (dielectric properties), thermal conductivity and thermal expansion	100%
		B.Sc. IV	Fraunhoffer diffraction at a single slit –derivation expression for intensity, with theory of double slit method. Transmission grating (both theory and experiment)- determination of wavelength of light. Dispersion and resolution of grating.	Fraunhoffer diffraction at a single slit –derivation expression for intensity, with theory of double slit method. Transmission grating (both theory and experiment)- determination of wavelength of light. Dispersion and resolution of grating.	100%

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VIJAYANAGAR COLLEGE HOSAPETE Date:

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ODD SEMESTER

DEPARTMENT OF PHYSICS

Lesson Plan and execussion

Name of Faculty: K AJITH NARAYANA RAO.

Year: 2018- 2019

S.No.	Month	Class	Syllabus allotted	Syllabus Completed	Percentage Of Plan Executed
1	JULY 2018	BSc III.	VECTOR ANALYSIS	Review of vector algebra, vector calculus, scalar & vector, grad, div & curl of a vector.	100%
		BSc V	ATOMIC MODELS	Review of thomson, Rutherford, alpha scattering expt, Impact parameter, Bohr's model.	99%
2	AUGUST 2018	BSc III	VECTOR ANALYSIS	Scalar & vector product, vector identities.	
		BSc V	ATOMIC MODELS	Exp for orbit, total energy, Origin of Sp. series excitation & ionisation. Sommerfeld model Franck-Hertz expt.	100 %
3	SEPTEMBER 2018	BSc III.	VECTOR ANALYSIS & GALVANOMETERS	Gauss, Stokes, Green's theorem & problems. Helmholtz galvanometer, moving coil galvanometer	95 %.
		BSc V.	MOLECULAR SPECTRA.	Intro. to mol. spectra & its types, Rigid rotator, Intro. app. approx., pure rot. spectra, Vib. & diatomic molecule. Fluorence & phosphorescence	100 %.
4	OCTOBER 2018	BSc III	GALVANOMETER.	conversion of galvanometer, ammeter, ohm & construction & simple multimeter to measure ac & dc	100 %
		BSc V.	MOLECULAR SPECTRA.	Revision.	100 %
5	ODD SEMESTER	BSc I	PRACTICALS.	Practicals are completed	100%
		BSc III	PRACTICALS.	practicals are completed	100 %
		BSc V	PRACTICALS	Practicals are completed.	100%

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DEPARTMENT OF PHYSICS

Lesson Plan and execussion

EVEN SEMESTER

Name of Faculty: K. AJITH NARAYANA RAO.

Year: 2018-2019.

S.No.	Month	Class	Syllabus allotted	Syllabus Completed	Percentage Of Plan Executed
1.	JANUARY 2019	BSc II.	SOUND	An Introduction to Sound, vel of long. waves in solids	95%
		BSc IV.	INTERFERENCE.	wave theory of light, Interference, Young's double slit expt, Fresnel's biprism, thin films, air wedge, Newton's Rings	98%
2.	FEBRUARY 2019.	BSc II	SOUND	velocity of sound in a gas, Newton-Laplace formula, and its factors; St. waves, beats and its exp & theory of St. waves in a rod. V.B. St. string & harmonic Acoustics.	100%
		BSc IV	INTERFERENCE.	Michelson's interferometer, Aberrations	100%
3	MARCH 2019	BSc II	ACOUSTICS	Sabine's formula, Rate of growth & decay of sound energy.	99%
		BSc IV.	OPTICAL INSTRUMENTS	Equivalent focal length of thin lenses, Ramsden & Huygen eyepiece, cardinal points.	100%
4	APRIL 2019	BSc II.	INTERNALS	Remedial theory & practical Internals & Assignments	100%
		BSc VI	INTERNALS	Assignments, theory, practical, Remedial class	98%
		BSc IV	INTERNALS	Remedial class, theory & practical & Assignments	98%
5	EVEN SEMESTER	BSc II	PRACTICALS	— allotted practicals are completed	100%
		BSc IV.	PRACTICALS	— Practicals are completed —	100%
		BSc VI	PRACTICALS	— Practicals are completed —	100%

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DEPARTMENT OF CHEMISTRY

LESSON PLAN FOR THE ACADEMIC YEAR-2019-20 FOR B.SC II,IV AND VI SEMESTER

NAME OF THE STAFF MEMBER: SRI.MADHUKAR SOPPINA

Sl.No	Month	Class/Paper	Syllabus Allotted	Syllabus Covered	% of syllabus completed
1.	January 2020	B.Sc II Sem Theory	**S-block elements** Comparative study of alkali & alkaline earth metals with respect to Physical properties: density, melting points & boiling points, flame coloration.Solubility of ionic compounds in relation to lattice energy and hydration energy,complexation tendencies of alkali metals. Characteristics of oxides and basicity of hydroxides.	**S-block elements** Comparative study of alkali & alkaline earth metals with respect to Physical properties: density, melting points & boiling points, flame coloration.Solubility of ionic compounds in relation to lattice energy and hydration energy,complexation tendencies of alkali metals. Characteristics of oxides and basicity of hydroxides.	100%
		B.Sc IV Sem Practicals	**Physical non-instrumental:Demonstration** 1.Determine the viscosity of a given liquid using Ostwald's viscometer (determine the density of the liquid).2. Determine the viscosity of the two given liquids using Ostwald's viscometer(densities are given).	**Physical non-instrumental:Demonstration** 1.Determine the viscosity of a given liquid using Ostwald's viscometer (determine the density of the liquid).2. Determine the viscosity of the two given liquids using Ostwald's viscometer(densities are given).	100%
2.	February 2020	B.Sc II Sem Theory	**P-block elements:-** Some compounds of p-block elements: Halides of boron, relative strength of BF_3, BCl_3 & BBr_3 as Lewis acids, diborane-preparation, structure & bonding. Halogens: Size of atoms & ions, ionization energy, electronegativity, oxidation states andoxidizing power.	**P-block elements:-** Some compounds of p-block elements: Halides of boron, relative strength of BF_3, BCl_3 & BBr_3 as Lewis acids, diborane-preparation, structure & bonding. Halogens: Size of atoms & ions, ionization energy, electronegativity, oxidation states andoxidizing power.	100%
		B.Sc IV Sem Theory	**Liquid mixtures** Raoult's law, Ideal and non-ideal solutions (based on Raoult's law). Positive and negative deviations from Raoult's law with	**Liquid mixtures** Raoult's law, Ideal and non-ideal solutions (based on Raoult's law). Positive and negative deviations from Raoult's law with	100%

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			examples. Vapor pressure – composition and boiling point – composition diagrams for above types. Principle of fractional distillation,azeoptropic mixtures.	examples. Vapor pressure – composition and boiling point – composition diagrams for above types. Principle of fractional distillation,azeoptropic mixtures	
		B.Sc IV Sem Practicals	**Physical non-instrumental:-** 3. Determine the surface tension of a given liquid using stalagmometer and determine the density of liquid. 4. Determine the surface tension of two given liquids using stalagmometer and calculate the parachor (densities of liquids are given)	**Physical non-instrumental:-** 3. Determine the surface tension of a given liquid using stalagmometer and determine the density of liquid. 4. Determine the surface tension of two given liquids using stalagmometer and calculate the parachor (densities of liquids are given)	**100%**
3.	**March 2020**	**B.Sc II Sem Theory**	**P-block elements:-** Types of interhalogen compounds-preparation and structure of ICl_3, IF_5& IF_7.Noble gases: structure & bonding in XeF_6 and XeO_3, Clathrates.	**P-block elements:-** Types of interhalogen compounds-preparation and structure of ICl_3, IF_5& IF_7.Noble gases: structure & bonding in XeF_6 and XeO_3, Clathrates	**100%**
		B.Sc IV Sem Theory	**Liquid mixtures** Partially miscible liquids – Critical solution temperature, (phenolwater,triethylamine-water & nicotine-water systems)	**Liquid mixtures** Partially miscible liquids – Critical solution temperature, (phenolwater,triethylamine-water & nicotine-water systems)	
		B.Sc IV Sem Practicals	**Physical non-instrumental:-** 5.Determine the specific rate constant of second order reaction between KI and $K_2S_2O_8$.	**Physical non-instrumental:-** 5.Determine the specific rate constant of second order reaction between KI and $K_2S_2O_8$.	**100%**
4.	**April 2020**	**Lockdown due to Covid-19**			

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DEPARTMENT OF CHEMISTRY

LESSON PLAN FOR THE ACADEMIC YEAR-2019-20 FOR B.SC I,III AND V SEMESTER

NAME OF THE STAFF MEMBER: SRI.MADHUKAR SOPPINA

Sl.No	Month	Class/Paper	Syllabus Allotted	Syllabus Covered	% of syllabus completed
1.	August 2019	B.Sc I Sem Theory	**Gaseous state** Critical phenomenon, PV-isotherms of real gases, continuity of states, the isotherms of carbon dioxide, relation between critical constants and Vanderwaal's constants. The lawof corresponding states and reduced equation of states. Molecular velocities; root meansquare velocity, average velocity and most probable velocity. Qualitative discussion of Maxwell and Boltzmann's distribution of molecular velocities, collision number and mean free path.	**Gaseous state** Critical phenomenon, PV-isotherms of real gases, continuity of states, the isotherms of carbon dioxide, relation between critical constants and Vanderwaal's constants. The lawof corresponding states and reduced equation of states. Molecular velocities; root meansquare velocity, average velocity and most probable velocity. Qualitative discussion of Maxwell and Boltzmann's distribution of molecular velocities, collision number and mean free path.	100%
		B.Sc I Sem Practicals	**Titrimetric estimations:-** **Demonstration** 1. Preparation of standard sodium carbonate solution, standardization of HCl and estimationof sodium hydroxide solution. 2.Preparation of standard oxalic solution, standardization of potassium permanganate and estimation of Fe in Mohr's salt..	**Titrimetric estimations:-** **Demonstration** 1. Preparation of standard sodium carbonate solution, standardization of HCl and estimationof sodium hydroxide solution. 2.Preparation of standard oxalic solution, standardization of potassium permanganate and estimation of Fe in Mohr's salt	100%

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DEPARTMENT OF CHEMISTRY

LESSON PLAN FOR THE ACADEMIC YEAR-2019-20 FOR B.SC I,III AND V SEMESTER

NAME OF THE STAFF MEMBER: SRI.MADHUKAR SOPPINA

Sl.No	Month	Class/Paper	Syllabus Allotted	Syllabus Covered	% of syllabus completed
1.	August 2019	B.Sc I Sem Theory	**Gaseous state** Critical phenomenon, PV-isotherms of real gases, continuity of states, the isotherms of carbon dioxide, relation between critical constants and Vanderwaal's constants. The lawof corresponding states and reduced equation of states. Molecular velocities; root meansquare velocity, average velocity and most probable velocity. Qualitative discussion of Maxwell and Boltzmann's distribution of molecular velocities, collision number and mean free path.	**Gaseous state** Critical phenomenon, PV-isotherms of real gases, continuity of states, the isotherms of carbon dioxide, relation between critical constants and Vanderwaal's constants. The lawof corresponding states and reduced equation of states. Molecular velocities; root meansquare velocity, average velocity and most probable velocity. Qualitative discussion of Maxwell and Boltzmann's distribution of molecular velocities, collision number and mean free path.	100%
		B.Sc I Sem Practicals	**Titrimetric estimations:-** **Demonstration** 1. Preparation of standard sodium carbonate solution, standardization of HCl and estimationof sodium hydroxide solution. 2.Preparation of standard oxalic solution, standardization of potassium permanganate and estimation of Fe in Mohr's salt..	**Titrimetric estimations:-** **Demonstration** 1. Preparation of standard sodium carbonate solution, standardization of HCl and estimationof sodium hydroxide solution. 2.Preparation of standard oxalic solution, standardization of potassium permanganate and estimation of Fe in Mohr's salt	100%

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5.	**May 2020**	**B.Sc II Sem Theory**	**Chemical bonding -2 (Online)** Valence bond theory: postulates, Concept of resonance, hybridization involving s, p & d atomic orbitals, Limitations of valence bond theory. VSEPR theory, structure of simple molecules like BF_3, NH_3, PCl_5 & ClF_3. Molecular orbital theory (LCAO method), bonding and antibonding molecular orbitals, sigma & pi bonds. s-s, s-p, p-p, combination of orbitals, order of molecular orbital energy level configuration, bond order, molecular orbital energy level diagram for homonuclear H_2, He_2, N_2 & O_2 molecules. Weak interactions: H-bonding and Van Der Waal's interactions.	**Chemical bonding -2 (Online)** Valence bond theory: postulates, Concept of resonance, hybridization involving s, p & d atomic orbitals, Limitations of valence bond theory. VSEPR theory, structure of simple molecules like BF_3, NH_3, PCl_5 & ClF_3. Molecular orbital theory (LCAO method), bonding and antibonding molecular orbitals, sigma & pi bonds. s-s, s-p, p-p, combination of orbitals, order of molecular orbital energy level configuration, bond order, molecular orbital energy level diagram for homonuclear H_2, He_2, N_2 & O_2 molecules. Weak interactions: H-bonding and Van Der Waal's interactions.	**100%**
		B.Sc IV Sem Theory	**Phase equilibria:- (Online)** Statement and meaning of terms – phase, component and degree of freedom. Derivation of Gibb's phase rule. Phase equilibria for one component system (water), phase equilibria for two component system (Lead-silver). Solid-liquid equilibria, KI-water system,Freezing mixtures. Solid solution- compound formation Mg-Zn and $FeCl_3$-H_2O systems.	**Phase equilibria:- (Online)** Statement and meaning of terms – phase, component and degree of freedom. Derivation of Gibb's phase rule. Phase equilibria for one component system (water), phase equilibria for two component system (Lead-silver). Solid-liquid equilibria, KI-water system,Freezing mixtures. Solid solution- compound formation Mg-Zn and $FeCl_3$-H_2O systems.	**100%**

		B.Sc IV Sem Theory	**Colligative properties:- (Online)** Concept of vapor pressure. Relative lowering of vapor pressure of solvent. Calculationof molecular mass from relative lowering of vapor pressure.Elevation in boiling point and its relationship with relative lowering of of vapor pressure(to be derived from Clapeyron-Clausius equation). Ebulioscopic constant of solvent,relationship between molar mass and elevation in boiling point. Determination of molar mass of a solute by Land Berger's method. Depression in freezing point and its relationship to the lowering of vapor pressure,cryoscopic constant of the solvent, relation between depression in freezing point andmolecular mass of the solute (to be derived from Clapeyron-Clausius equation). Relationbetween K_f, m, ΔH and freezing point of solvent.Abnormal colligative properties, VantHoff's factor, numerical problems.	**Colligative properties:- (Online)** Concept of vapor pressure. Relative lowering of vapor pressure of solvent. Calculationof molecular mass from relative lowering of vapor pressure.Elevation in boiling point and its relationship with relative lowering of of vapor pressure(to be derived from Clapeyron-Clausius equation). Ebulioscopic constant of solvent,relationship between molar mass and elevation in boiling point. Determination of molar mass of a solute by Land Berger's method.Depression in freezing point and its relationship to the lowering of vapor pressure,cryoscopic constant of the solvent, relation between depression in freezing point andmolecular mass of the solute (to be derived from Clapeyron-Clausius equation). Relationbetween K_f, m, ΔH and freezing point of solvent. Abnormal colligative properties, VantHoff's factor, numerical problems.	
		B.Sc IV Sem Practicals	**Physical non-instrumental:- (Online)** 6. Determine the specific rate constant of hydrolysis of methyl acetate by HCl at room temperature.	**Physical non-instrumental:- (Online)** 6. Determine the specific rate constant of hydrolysis of methyl acetate by HCl at room temperature.	**100%**

Staff Member

VIJAYANAGAR COLLEGE Date: HOSAPETE

Head of Department
HEAD
DEPARTMENT OF CHEMISTRY
VIJAYANAGAR COLLEGE
HOSAPETE - 583 201.

Principal
Principal
Vijayanagar College
HOSAPETE

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Vijayanagar College,Hosapete

Department of Zoology

Lesson Plan for the academic year-2020-21 for B.Sc I,III and V Semester

Name of the staff member: Sri.Vijay.S.Gulalakayi

Sl.No	Month	Class/Paper	Syllabus Allotted	Syllabus Covered	% of syllabus completed
1.	November 2020	B.Sc V Sem Theory	**Introduction to cell biology : - 2hrs** > Definition and scope > Generalised prokaryotic and eukaryotic cell: Size, shape and structure.	**Introduction to cell biology : -** > Definition and scope > Generalised prokaryotic and eukaryotic cell: Size, shape and structure.	100%
		B.Sc III Sem Theory	**A. POULTRY –(Online)** 10hrs. Aim and scope of poultry; poultry farm management; poultry breeds in India; rearing of house equipments ;poultry feed & its composition; broiler & layers rearing.	**A. POULTRY - (Online)** Aim and scope of poultry; poultry farm management; poultry breeds in India; rearing of house equipments ;poultry feed & its composition; broiler& layers rearing.	100%
		B.Sc I Sem Theory	**Phylum Protozoa (Online)** 8 Hrs • General characters,classification upto classes with examples • Type study: Life cycle of malarial parasite • Locomotion in Amoeba	**Phylum Protozoa (Online)** • General characters,classification upto classes with examples • Type study: Life cycle of malarial parasite • Locomotion in Amoeba	100%
		B.Sc V Sem Practicals (Paper-5.1)	**a) Cell Biology:** **1.** Proceedure for Preparation of fixative:Formaldehyde (6%), Alcohol (10% to90%),Carnoy,s fluid,Bouin's fluid. **2.** Procedure for the Preparation of stains: Borax carmine (alcoholic), Eosin (alcoholic), Harri's and iron alum hematoxylene, aceto-carmine, aceto- orcine, Giemsa stain.	**a) Cell Biology:** **1.** Proceedure for Preparation of fixative:Formaldehyde (6%), Alcohol (10% to90%),Carnoy,s fluid,Bouin's fluid. **2.** Procedure for the Preparation of stains: Borax carmine (alcoholic), Eosin (alcoholic), Harri's and iron alum hematoxylene, aceto-carmine, aceto-orcine, Giemsa stain.	100%

VIJAYANAGAR COLLEGE ★ HOSAPETE ★ Date:

2.	December 2020	B.Sc V Sem Theory	**2. Plasma membrane: -3hrs** ^ Unit membrane concept. > Fluid mosaic model > Functions of plasma membrane	**2. Plasma membrane: -** ^ Unit membrane concept. > Fluid mosaic model > Functions of plasma membrane	**100%**
		B.Sc III Sem Theory	**A. POULTRY - (Online)** Nutritive value of egg and meat; a note on diseases-viral,bacteria,protozoan,helminthes ,genetic,ecto-parasites,	**A. POULTRY - (Online Contd…)** Nutritive value of egg and meat; a note on diseases-viral,bacteria,protozoan , helminthes ,genetic,ecto-parasites,	**100%**
		B.Sc I Sem Theory	Reproduction in protozoa. **3. Phylum porifera (Online)** 4 Hrs General characters,classification with examples,Canal system,histology of sponges,skeletal elements, Concept of vermiculture.	Reproduction in protozoa. **3. Phylum porifera (Online)** General characters,classification with examples,Canal system,histology of sponges, skeletal elements, Concept of vermiculture.	**100%**
		B.Sc V Sem Practicals (Paper-5.1)	4. Observation and study of permanent slides of onion root tip to study all stages of mitosis. 5. Observation of permanent slides of grasshopper tastes to study various stages of meiosis. 6. Squash preparation of onion root tip to study stages of mitosis.	4. Observation and study of permanent slides of onion root tip to study all stages of mitosis. 5. Observation of permanent slides of grasshopper tastes to study various stages of meiosis. 6. Squash preparation of onion root tip to study stages of mitosis.	**100%**

3.	January 2020	B.Sc V Sem Theory	**3. Endoplasmic reticulum: -2hrs** > Discovery, occurrence and morphology. > Type : Smooth and Rough. > Functions. **4. Golgi complex: -2hrs** > Occurrence and morphology > Ultra structure and functions. **5. Lysosomes: -2hrs** > Occurrence and morphology > Ultra structure and functions. **6. Mitochondria: -2hrs** > Origin ,occurrence and morphology > Ultra structure and functions. **7. Nucleus: -3hrs** > Size , shape , number and position. Structure and functions of pore complex. > Nucleolus: general organization and functions.	**3. Endoplasmic reticulum: -2hrs** > Discovery, occurrence and morphology. > Type : Smooth and Rough. > Functions. **4. Golgi complex: -2hrs** > Occurrence and morphology > Ultra structure and functions. **5. Lysosomes: -2hrs** > Occurrence and morphology > Ultra structure and functions. **6. Mitochondria: -2hrs** > Origin ,occurrence and morphology > Ultra structure and functions. **7. Nucleus: -3hrs** > Size , shape , number and position. Structure and functions of pore complex. > Nucleolus: general organization and functions	**100%**
		B.Sc III Sem Theory	**A. POULTRY -** nutritional deficiency diseases of poultry birds, symptoms, remedies and their control.	**A. POULTRY -** nutritional deficiency diseases of poultry birds, symptoms, remedies and their control.	
		B.Sc I Sem Theory	**6. Phylum : Aschelminthes** 2 Hrs • General characters • Key characters of Ascaris & Wucheraria bancrofti	**6. Phylum : Aschelminthes** 2 Hrs • General characters • Key characters of Ascaris & Wucheraria bancrofti	**100%**
		B.Sc V Sem Practicals (Paper-5.1)	**b)Developmental Biology** 7. Stages of development of frog: The study of cleavage stages, Blastula, Gastrula and Neurula(sections) .8. .Study of permanent slides of chick embryos: 18hrs, 24hrs,33hrs and 48hrs(whole mounts).	**b)Developmental Biology** 7. Stages of development of frog: The study of cleavage stages, Blastula, Gastrula and Neurula(sections) .8. .Study of permanent slides of chick embryos: 18hrs, 24hrs,33hrs and 48hrs(whole mounts).	**100%**

4.	February 2020	**B.Sc V Sem Theory**	8. Cell cycle and cell division: > Mitosis , meiosis and various phases of cell cycle.	8. Cell cycle and cell division: > Mitosis , meiosis and various phases of cell cycle.	**100%**
		B.Sc III Sem Theory	**B.DAIRY FARMING** 8hrs. Importance ; Scope and management of farm animals ; breeds of cows and buffaloes ; nutrition requirements; housing and hygiene of dairy animals;	**B.DAIRY FARMING** Importance ; Scope and management of farm animals ; breeds of cows and buffaloes ; nutrition requirements; housing and hygiene of dairy animals;	**100%**
		B.Sc I Sem Theory	**6. Phylum : Aschelminthes** 2 Hrs • General characters • Key characters of Ascaris & Wucheraria bancrofti	**6. Phylum : Aschelminthes (Contd..)** • General characters • Key characters of Ascaris & Wucheraria bancrofti	**100%**
		B.Sc V Sem Practicals (Paper-5.1)	9. .Study of permanent slides of chick embryos: TS of 18hrs and 24hrs. 10. Preparation of chick embryo mount	9. .Study of permanent slides of chick embryos: TS of 18hrs and 24hrs. 10. Preparation of chick embryo mount	**100%**
		B.Sc III Sem Practicals	**ECONOMIC ZOOLOGY:** 1.Food Fishes2.Dairy 3.Poultry4.Sericulture	**ECONOMIC ZOOLOGY:** 1.Food Fishes2.Dairy 3.Poultry4.Sericulture	**100%**
		B.Sc I Sem Pracicals	**MUSEUM SPECIMENS AND SLIDES:** 1.Protozoa 2. Porifera 3. Coelenterata 4. Platyhelminthes 5.Aschelminthes/Nemathelminthes 6. Annelida	**MUSEUM SPECIMENS AND SLIDES:** 1.Protozoa 2. Porifera 3. Coelenterata 4. Platyhelminthes 5.Aschelminthes/Nemathelminthes 6. Annelida	**100%**

VIJAYANAGAR COLLEGE HOSAPETE Date:

5.	March 2020	B.Sc V Sem Theory	**9. Cancer Biology:** 5hrs > Definition and types of cancer > Characteristics of cancer cell > Carcinogen : Physical, Chemical and biological carcinogens.	**9. Cancer Biology:** > Definition and types of cancer > Characteristics of cancer cell > Carcinogen : Physical, Chemical and biological carcinogens.	**100%**
		B.Sc III Sem Theory	**B.DAIRY FARMING** 8hrs milk and milk byproducts; processing, preservation and marketing of milk; breeding techniques; artificial insemination; breeding programs to improve local breeds.	**B.DAIRY FARMING** milk and milk byproducts; processing, preservation and marketing of milk; breeding techniques; artificial insemination; breeding programs to improve local breeds.	**100%**
		B.Sc I Sem Theory	**6. Phylum : Aschelminthes** 2 Hrs • General characters • Key characters of Ascaris & Wucheraria bancrofti	**6. Phylum : Aschelminthes (Contd..)** • General characters • Key characters of Ascaris & Wucheraria bancrofti	**100%**
		B.Sc III Sem Practicals	**ECONOMIC ZOOLOGY:** 5.Byproducts Histology Slides	**ECONOMIC ZOOLOGY:** 5.Byproducts Histology Slides	**100%**
		B.Sc I Sem Practicals	**MUSEUM SPECIMENS AND SLIDES:** 7. Arthropoda 8. Mollusca 9.Echinodermata	**MUSEUM SPECIMENS AND SLIDES:** 7. Arthropoda 8. Mollusca 9.Echinodermata	**100%**

Staff Member

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Head of the Department
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Vijaya Nagar College,HOSPET

VIJAYANAGAR COLLEGE Date:

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HOSAPETE - 583 201.

Bellary V V Sangha's

Vijayanagar College,Hosapete

Department of ~~Chemistry~~ Zoology

Lesson Plan for the academic year-2020-21 for B.Sc II,IV and VI Semester

Name of the staff member: Sri.Vijay.S.Gulalakayi

Sl.No	Month	Class/Paper	Syllabus Allotted	Syllabus Covered	% of syllabus completed
1.	May 2020	B.Sc VI Sem Theory	**1. ANIMAL BEHAVIOUR 3 Hrs** Definition and types of animal behaviour-innate behaviour-taxes, reflexes, instincts and motivation. Learned behaviour-habituation, imprinting and conditioned reflexes **2. SOCIAL ORGANIZATION 2 Hrs** Features of social organization. Social life in Honey bee & Termites	**1. ANIMAL BEHAVIOUR (Online) 3 Hrs** Definition and types of animal behaviour-innate behaviour-taxes, reflexes, instincts and motivation. Learned behaviour-habituation, imprinting and conditioned reflexes **2. SOCIAL ORGANIZATION 2 Hrs** Features of social organization. Social life in Honey bee & Termites	100%
		B.Sc IV Sem Theory	**1. Physiology of Digestion 6 hrs** • Definition of digestion and types of digestion - mechanical and chemical..	**1. Physiology of Digestion (Online)** • Definition of digestion and types of digestion - mechanical and chemical	100%
		B.Sc II Sem Theory	**Class: Reptilia 6 Hrs** • General characters & classification upto order(living orders) with examples	**Class: Reptilia (Online)** • General characters & classification upto order(living orders) with examples	100%
2.	June 2020	B.Sc VI Sem Theory	4. Parental care -in fishes and amphibians 4hrs **(Online)**	4. Parental care -in fishes and amphibians 4hrs **(Online)**	100%
		B.Sc IV Sem Theory	**1. Physiology of Digestion (Online)** • Digestion of carbohydrates, proteins and lipids	**1. Physiology of Digestion(Online) (Contd....)** • Digestion of carbohydrates, proteins and lipids	100%
		B.Sc II Sem Theory	**Class: Reptilia (Online)** • Identification of poisonous & non poisonous snakes	**Class: Reptilia (Online)** • Identification of poisonous & non poisonous snakes	100%

VIJAYANAGAR COLLEGE HOSAPETE Date:

3.	July 2020	B.Sc VI Sem Theory	4. Parental care -in fishes and amphibians **MIGRATORY BEHAVIOUR (Online)** Migration in fishes : Anadromous and catadromous migration with Hilsa and Anguilla.Migration in birds :Origin of migration, types of migration, advantages of migration with suitable examples. **COURTSHIP BEHAVIOUR 2 Hrs** General principles and significance. Courtship and amphibians and birds,	4. Parental care -in fishes and amphibians **MIGRATORY BEHAVIOUR (Online)** Migration in fishes : Anadromous and catadromous migration with Hilsa and Anguilla.Migration in birds :Origin of migration, types of migration, advantages of migration with suitable examples. **COURTSHIP BEHAVIOUR 2 Hrs** General principles and significance. Courtship and amphibians and birds,	**100%**
		B.Sc IV Sem Theory	**1. Physiology of Digestion (Online)** • Digestion of carbohydrates, proteins and lipids.Absorption and assimilation of digested food materials. Gastrointestinal hormones.	**1. Physiology of Digestion(OnlineContd…)** • Digestion of carbohydrates, proteins and lipids.Absorption and assimilation of digested food materials. Gastrointestinal hormones.	**100%**
		B.Sc II Sem Theory	**Class : Mammalia (Online) 9 Hrs** • General characters with classification upto subclasses (protheria, theria- metatheria & eutheria) with examples	**Class : Mammalia (Online)** • General characters with classification upto subclasses (protheria, theria- metatheria & eutheria) with examples	**100%**
5.	August 2020	**B.Sc VI Sem Theory**	**6. COLOURATION AND MIMICRY (Online)** Definition classification of mimicry-A) Aggressive, protective and warning	**6. COLOURATION AND MIMICRY (Online)** Definition classification of mimicry-A) Aggressive, protective and warning.	**100%**
		B.Sc IV Sem Theory	**2. Physiology of respiration (Online) 6hrs** • Types of Respiration - external and internal respiration.Structure of mammalian lungs and gaseous exchange.Transport of O_2 - formation of oxyhaemoglobin and affinity of haemoglobin for oxygen dissociation curves Transport of CO_2 -Chloride shift, Bohr effect.	**2. Physiology of respiration (Online)** • Types of Respiration - external and internal respiration.Structure of mammalian lungs and gaseous exchange. Transport of O_2 - formation of oxyhaemoglobin and affinity of haemoglobin for oxygen dissociation Curves.Transport of CO_2 -Chloride shift, Bohr effect.	**100%**
		B.Sc II Sem Theory	**Class : Mammalia (Online)** Detailed study of Rat : Morphology & anatomy(excluding skeletal system)	**Class : Mammalia (Online) (Contd…)** Detailed study of Rat : Morphology & anatomy(excluding skeletal system)	**100%**

6.	September 2020	B.Sc VI Sem Theory	**6. COLOURATION AND MIMICRY(Offline)** B) Batesian and Mullerian mimicry with suitable examples.	**6. COLOURATION AND MIMICRY(Offline)** B) Batesian and Mullerian mimicry with suitable examples.	100%
		B.Sc VI Sem Practicals	**Study of homologous organs** **Study of analogous organs** Study of models of Dinosour. Study of Archeopteryx Practicals were successfully completed	**Study of homologous organs** **Study of analogous organs** Study of models of Dinosour. Study of Archeopteryx Practicals were successfully completed	100%

Staff Member

Head of Department

Head of the Department
DEPARTMENT OF ZOOLOGY
Vijaya Nagar College,HOSPET

Principal

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HOSAPETE - 583 201

VIJAYANAGAR COLLEGE
Date:
HOSAPETE

Bellary V.V.Sangha's
Vijayanagar College, Hosapete
Department of Political Science

Lesson Plan for the academic year-2017-18for B.A I, III & V Semester

Name of the staff: Jayashree T.H.M

Sl. No	Month	Class /Paper	Syllabus allotted	Syllabus covered	% of syllabus completed
1.	Sep	**BA I Fundamental of Political Science**	• Meaning, Nature, Scope and Importance of Political Science • Relationship with other social sciences: History, Sociology, Economics, Philosophy and Law Political science in 21st Century	• Meaning, Nature, Scope and Importance of Political Science • Relationship with other social sciences: History, Sociology, Economics, Philosophy and Law Political science in 21st Century	100%
		BA III Indian Political Process	• Nature and working of Indian Federalism • Unitary Features of Indian Constitution	• Nature and working of Indian Federalism • Unitary Features of Indian Constitution	100%

Head of the Department
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Bellary V.V.Sangha's
Vijayanagar College, Hosapete
Department of Political Science

Lesson Plan for the academic year-2017-2018 for B.A II, IV& VI Semester

Name of the staff: Jayashree T.H.M

Sl. No	Month	Class /Paper	Syllabus allotted	Syllabus covered	% of syllabus completed
1.	Jan	BA IV Modern Government	• Conventions- Meaning, Types and Role • Features of Britain Constitution	• Conventions- Meaning, Types and Role • Features of Britain Constitution	100%
		BA VI International Relations	a) Meaning, nature (traditional view, modern view and current view)and Scope b) Purpose and importance c) Development as an academic discipline	a) Meaning, nature (traditional view, modern view and current view)and Scope b) Purpose and importance c) Development as an academic discipline	100%
		BA II Political Theory	• Meaning, Nature, Scope, Importance and approaches of political theory • Contemporary approaches – 1) Behavioral, Post-Behavioral and David Easton'sPolitical System	• Meaning, Nature, Scope, Importance and approaches of political theory • Contemporary approaches – 1) Behavioral, Post-Behavioral and David Easton'sPolitical System	100%

Head of the Department
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VIJAYANAGAR COLLEGE Date: HOSAPETE

Principal
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HOSAPETE - 583 201.

Ballari V.V. Sangha's
Vijayanagara College, Hospet-583201
Department of Commerce
B.Com V Semester Lesson Plan for the Academic Year-2018-19

Name of the Faculty: **Dr.M GOVIND NAIK**
Name of the Subject: SC 5.4 – COST ACCOUNTING – I

CLASS: B.Com V Semester
Section: A & B - Section

Sl. No.	Month	Syllabus Allotted	No. of Hours	Topics Covered	Methodology/ Instructional Techniques	Learning Outcomes	Assessment	% of Syllabus Completed
1.	JULY	**Module 1:** **Concept of Cost:** a) Introduction – meaning of Cost, Cost Accounting, b) Comparison between Financial Accounting and Cost Accounting – c) Application of Cost Accounting – d) Objectives and functions of Cost Accounting – e) installing a cost accounting system – f) cost concept and classification of Costs – Cost unit – Cost Centre – Elements of Cost, g) Advantages and limitations of Cost Accounting.	10	a) Introduction – meaning of Cost, Cost Accounting, b) Comparison between Financial Accounting and Cost Accounting – c) Application of Cost Accounting – d) Objectives and functions of Cost Accounting – e) installing a cost accounting system – f) cost concept and classification of Costs – Cost unit – Cost Centre – Elements of Cost, g) Advantages and limitations of Cost Accounting.	Lecture, Discussion and Practical Insight	To Explain Cost accounting, and differences between cost accounting and financial accounting, classification of costs, Advantages and limitations of Cost Accounting.	Evaluation Through Descriptive Test and Assignment	100%

Dr. M. Govind Naik
M.Com., M.Phil., Ph.D.
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VIJAYANAGAR COLLEGE * HOSAPETE * Date:

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HOSPET

Ballari VV Sangha's
Vijayanagara College, Hosapete-583201
Department of Commerce
B.Com VI Semester Lesson Plan for the academic year- 2018-19

Name of the Faculty:NAGARAJ K BOMMANAL

Name of the Subject: Management Accounting

Sl. No.	Month	Syllabus Allotted	No. of Hours	Topics Covered	Methodology/ Instructional Techniques	Learning Outcomes	Assessment	% of Syllabus Completed
1.	JAN	**Management Accounting** - Meaning, definitions, nature and scope, Management accounting v/s Cost Accounting. Role of Management Accountant, Limitations of Management Accounting.		**Management Accounting** - Meaning, definitions, nature and scope, Management accounting v/s Cost Accounting. Role of Management Accountant, Limitations of Management Accounting.	Lectures, Questions and Answers Solved, Classroom Discussions and Practical Insights	Understanding of various aspects of Management Accounting	Evaluation Evaluation Through Descriptive Test and Assignment	100%
2.	FEB	**Analysis and Interpretation of Financial Statements** - Concept of financial statements, Types of financial analysis, Methods and devices used in analyzing financial statements.		**Analysis and Interpretation of Financial Statements** - Concept of financial statements, Types of financial analysis, Methods and devices used in analyzing financial statements.	Lectures, Questions and Answers Solved, Classroom Discussions and Practical Insights	Knowledge regarding how to analyze and interpret Financial Statements using various tools and techniques	Evaluation Through Descriptive Test and Assignment	100%
3.	MAR	**Ratio Analysis** - Interpretations of ratios, classification of ratios, Tests of liquidity - Current ratio, acid test ratio, cash position ratios, Analysis of long term financial conditions - debt to equity ratio, proprietary		**Ratio Analysis** - Interpretations of ratios, classification of ratios, Tests of liquidity - Current ratio, acid test ratio, cash position ratios, Analysis of long term financial conditions - debt to equity ratio, proprietary	Lectures, Questions and Answers Solved, Classroom Discussions and Practical Insights	Knowledge regarding various ratios which are helpful for understanding the concepts through ratios.	Evaluation Through Descriptive Test and Assignment	100%

VIJAYANAGAR COLLEGE Date: HOSAPETE

Dr. M. Chinni Naik
M.Com., M.Phil., Ph.D
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BELLARY V.V SANGHA'S

VIJAYANAGAR COLLEGE HOSPET
DEPARTMENT OF HINDI
LESSON PLAN FOR THE ACADEMIC YEAR 2021- 22
FOR B.A, B.SC, B.COM, BCA, BBA

NAME OF THE STAFF: NETRA .H

Sl no.	Month	Class	Syllabus allotted	Syllabus covered	% of syllabus covered
1	February 2021	B.A I	Hindi pratinidhi kahaniya ;-	• Usne kaha tha • Puraskar • Push ki raat • Prayashchit • Chief ki davat	100%
		B.A III	Ekanki andha yug mahabharat ka chitran	Andha yug ke paatr parichya Dhritarashtra, sanjay anya paatro ke sath kahani ka vistar	100%
2	March 2021	BA I	Aadhunik hindi kavyadhara ;- Samanya hindi nibandh	Kavi niralaji ki kavita , nagarjun agyay, dharamveer bharati Nibandha swachbharath, media aadi	100%
		BA III	Sampreshan paatro ke parkar vayakaran	Likhit , moukik sampreshan, poochtahata patr shikayat patr aadi , sangya , ling, kaal , karak Vyakaran	100%

VIJAYANAGAR COLLEGE * HOSAPETE * Date:

Ballari VV Sangha's
Vijayanagara College, Hosapete-583201
Department of Commerce
B.Com VI Semester Lesson Plan for the academic year- 2021-22

Name of the Faculty:NAGARAJ K BOMMANAL

Name of the Subject: Management Accounting

Sl. No.	Month	Syllabus Allotted	No. of Hours	Topics Covered	Methodology/ Instructional Techniques	Learning Outcomes	Assessment	% of Syllabus Completed
1.	MAY	**Management Accounting** - Meaning, definitions, nature and scope, Management accounting v/s Cost Accounting. Role of Management Accountant, Limitations of Management Accounting.		**Management Accounting** - Meaning, definitions, nature and scope, Management accounting v/s Cost Accounting. Role of Management Accountant, Limitations of Management Accounting.	Lectures, Questions and Answers Solved, Classroom Discussions and Practical Insights	Understanding of various aspects of Management Accounting	Evaluation Evaluation Through Descriptive Test and Assignment	100%
2.	JUNE	**Analysis and Interpretation of Financial Statements** - Concept of financial statements, Types of financial analysis, Methods and devices used in analyzing financial statements.		**Analysis and Interpretation of Financial Statements** - Concept of financial statements, Types of financial analysis, Methods and devices used in analyzing financial statements.	Lectures, Questions and Answers Solved, Classroom Discussions and Practical Insights	Knowledge regarding how to analyze and interpret Financial Statements using various tools and techniques	Evaluation Through Descriptive Test and Assignment	100%
3.	JULY	**Ratio Analysis** - Interpretations of ratios, classification of ratios, Tests of liquidity - Current ratio, acid test ratio, cash position ratios, Analysis of long term financial conditions - debt to equity ratio, proprietary		**Ratio Analysis** - Interpretations of ratios, classification of ratios, Tests of liquidity - Current ratio, acid test ratio, cash position ratios, Analysis of long term financial conditions - debt to equity ratio, proprietary	Lectures, Questions and Answers Solved, Classroom Discussions and Practical Insights	Knowledge regarding various ratios which are helpful for understanding the concepts through ratios.	Evaluation Through Descriptive Test and Assignment	

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