S V R K GOVERNMENT DEGREE COLLEGE :: NIDADAVOLE TABLE - A - CURRICULAR PLAN - LECTURER WISE

NAME OF THE LECTURER: G.RAHUL DEPARTMENT: CHEMISTRY CLASS: IIB.SC(\$70) YEAR: 2022-2023

SEMESTER: IV PAPER: IV

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fructose. Interconversions, disaccharides.	Carbohydrates: occurrence, classification, constitution of glucose,	General methods synergic effects of preparation for OMC, p-acceptor behavior of CO, -MO diagrammes.	of 3d series.	OMC, concept of hepticity of organic ligands, Metal carbonyls-18 e- rule, electron count of mononuclear, poly electron count of metal carbonyls	OMC: Definition and classification of	4			SYLLABUS TOPIC		
	carbohydrates	Tomoinology in		applications	and synthetic	OMC properties	7 1	Al	ODITIONAL INI /VALUE ADDITION	PUT	
Digital class	Power point			Lecture			6	A	ACTIVITY	CURRICULAR ACTIVITY	
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synthetic applications	properties, distinction between primary, secondary and terriary amines. Diazonium salts proparation and	classification, fautomerism and preparation methods for nitro alkanes and neutrivity of nitro alkanes. Annines classification, preparation	under said conditions -Diel's alder reaction is fural structure section is fural structure section and properties of 6 membered beterocyclics. Nitructure compounds: Nomerclature	Interrocyclic compounds. Interrocyclic accounts preparation structure and accounts of 5 membered heterocyclic compressions-ridic character of pyriole- characythic substitution at 2.5 position.	Chemical properties of Amino a way, and the forest and animon latture of properties.	Amino acids. Definition classification, preparation methods, physical attention prespectives.
		importance of other nitrogen compounds cyanides, isocyan ides				Impartance of Amino acids in brokepeal
Lecture Mid2	Power point	Power point	Lecture	Lecture	Power point Mid1	Demonstratio n
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Revision	Revision	Revision	Concept of Entropy, Third law of Thermodynamics, Nernst heat theorem ,Helmholtz and gibb's energies for spontaneity.	Kirchoff 's equation, carnot'S theorem ,entropy changes,second law of Thermodynamics.	Thermodynamics: First Law of Thermodynamics, Heat capacities and their relationship Joule-thomson efect	Photo chemistry: laws of Photo chemistry, Quantum yield ,Jablonski diagram
				Different statements for first law of thermodynamics.		Applications of fluorescence& phosphorescence processes
Question and answer	Question and answer method	Question and answer method	Mind mapping	Demonstratio n	Power point	Demonstratio n
1	4 2	. 2	4	4	3	4
		final 2	Pre		Student semina r	

SIGNATURE OF THE LECTURER SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL