

PT. JLN GOVT. COLLEGE, FARIDABAD

Lesson Plan

Name of the Assistant Professor: Ms. Priyanka Parashar

Class and Section: B.ScLife Sciences Ist year

Subject: Diversity of Microbes

Week	Date	Topics
1	JULY	ADMISSION
		Orientation
		General discussion
		Introduction and habitat of Algae
		Range of thallus structure of algae
		Classification of algae
		Reproduction of Algae
2	AUGUST	General account of Fungi
		Classification of Fungi
		Reproduction of Fungi
		Introduction of Lichens
		Types of Lichens
		Introduction of Mycorrhiza
		Economic importance of Mycorrhiza
3	SEPTEMBER	Economic importance of Algae
		ECONOMIC IMPORTANCE OF fungi
		Economic importance of Lichens

		Volvox
		Oedogonium
		Vaucheria
		Ectocarpus
4	October	Polysiphonia
		Phthophthora
		Mucor
		Penicillium
		Puccinia
5	November	Agaricus
		Colletotrichum
		Revision
6	December	EXAMS

(Aug2025 to Nov 2025)

Name :-Dr. Lalita Chaudhary

Department:-Botany

Sub:- Botany Paper II Bsc. IIInd Yr.

Month	1st Week	2nd Week	3rd Week	4th Week
August	:- Fundamental components of tomy	Concept of classification General Description	:-Role of taxonomy	- Role of Cyto Taxonomy
	:- Introduction of Biology and Diversity of seed plants	) Binomial Nomenclature	I:- Compnents	Taximetric in relation to taxonomy
	Texonomy and systematic	:- Phylogeny	Revision/Test	Role of Cyto Taxonomy
	Fundamental components of taxonomy	Concept of classification General Description	Role of taxonomy	Taximetric in relation to taxonomy
	- Introduction of Biology and Diversity of seed plants	- Binomial Nomenclature	Compnents	revision/ Test
	Texonomy and systematic	-Phylogeny/ Revision	Revision/Test	Introduction of Botanical Nomenclature
September	Principles & Rules	:- Key to identification of plants , Type concepts	) Concept of Flower/ Test	Megasporegenesis
	Principles of Priority	:- ..Contd.....	Flower is modified Shoot	Day II:- (26.2Contd.....
	- Introduction of Botanical Nomenclature	- Type Concept	) Types of Inflorescents	Day III:- (27.2.18).....Contd.....
	Day IV:-Principles & Rules	Taxonomy Ranks	) Revision/Test	_____
	Day V:-Principles of Priority	) Concept of Flower	) Flower is modified Shoot	:- -----
	Day VI:-Key to identification of plants , Type concepts	Taxonomic Ranks	) Types of Inflorescents	

October		)....Contd.....	Malvacea	Fabacea
	Family..solanaceae	Brassicaceae	II:- (19.3.18)....Contd....	Lamiaceae
	Contd...	)....Contd.....		
	Revision/Test			
	Leguminosae			
November	Rutaceae	Apiacea		
	Asclepidacea	Day II:- (10.4.18) Test	*	
		Poaceae	*	
			...	

TEACHING PLAN 2025(ODD SEMESTER)

(AUG 2025to NOV2026)

Name :-lalita chaudhary

Department:-Botany

Sub:- Botany (Chem. Hons. 1st Yr.)

Month	1st Week	2nd Week	3rd Week	4th Week
August	Day I:- (1.1.18) Introduction of Plan Physiology & Metabolism	Examples of osmosis	Concept of water potential	revision
	Day II:- (2.1.18) Introduction of Plant water relation	Concept of Diffusion	Soil plant atmosphere continuum concept	
	Day III:- (3.1.18) Concept of Osmosis	Concept of Imbibition	symplast and apoplast concept	
				Ascent of sap
				)trnaspiration
				)antiteanspirants
September				
			photoperiodism	) role of dark period
		General introduction of flowering physioloigical	photoperiodism inductive and non inductive cycle	role of quality and intensity of light
	) Mechanism of Opening & closing of stomata	role of light		nature of flowering stimulus
	General introduction about mineral nutrition			
	)translocationof phoassimialates			
				Transport of growth regulators
	Intr. Of florigen concept	) Revision	Structure of Growth regulators	Physiological facts of growth regulators
	)explanatioin of florigen concept	Mechanism of Vernilisation	Day III:- (20.3.18) Biosynthesis of growth Regulators	Mechanism of action of growth regulators

October	Introduction of vernalisation	Introduction of Growth regulation	Analysis of growth regulators	
November	)Doubt clearing			
	Revision of growth regulations	Revision of Syllabus		