

I – Academic Planner

A. Teaching Plan (Year : 2021 -2022 Semester: Odd / Even)

Teacher's Name Prof. Rajni Gupta Department Botany

S. No	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	EndDate
1.	583 (4216790 2)	Cell and Mol. Biology (IH)	DSE	UNIT 1 UNIT 6 UNIT 7 UNIT 8	16th July 2021 9 th Aug.,2021 13 th Sep,2021	2nd AUG,2021 6 th Sep,2021 Going on
2.	583 (4216790 2)	Cell and Mol. Biology (Pr)	DSE	Exp.1.Study of prokaryotic and eukaryotic cell Exp.2. Study of plant cell, animal cell and muscle fibre. Exp.3. Study of mitosis in root tip cell Exp. 4. Effect of organic solvent on cell permeability of cell Exp. 5. Study of cell organelles Exp.6. Study of cell organelles Exp. 7. Demonstration of plasmolysis Exp.8. Study of karyotype and Idiogram of chromosomes. Exp. 9. Effect of Temperature on the cell permeability of cell. Exp. 10 .Demonstration of Dialysis	23 rd July,2021 30 th July,2021 6 th Aug,2021 13 th Aug,2021 20 th Aug,2021 27 th Aug, 2021 3 rd Sep,2021 10 th Sep,2021 17 th Sep,2021 24 th Sep,2021	Every experiment Was over on same Day.

3.	556 (3216330 2)	IPR	SEC (Practical only)	Exp.1. Patent Exp. 2. Patent search Exp. 3. GI of eatable Exp.4. GI of Fabric Exp.5. GI of Stone and beverages Exp. 6. Biopiracy	19 th Aug,2021 26 th Aug,2021 2 nd Sep,2021 9 th Sep,2021 16 th Sep,2021 23 rd Sep,2021	Every experiment Was over on same Day
			EVEN SEMESTER			
1.	556 (3216140 3)	Plant Systemati cs TH	CORE COURSE	Unit1 Unit 6. TEST Unit 4 Unit 2 Unit 5	03.01.2022 10.01.2022 31.01.2022 07.02.2022 28.02.2022 04.04.2022	03.01.2022 24.01.2022 28.02.2022 28.03.2022 18.04.2022
		PRACTI CL		1.Keys 2.Family Brassicaceae 3. Lamiaceae 4. Caryophyllaceae 5. Euphorbiaceae and Solanaceae 6. Myrtaceae 7.Ranunculaceae and Mimisoideae 8.Labiataea 9.Ranunculaceae and Papilonoideae 10. Cruciferae 11. Compositae 12. Compositae and Leguminosae 13.Solanaceae 14. Revision	06.01.2022 13.01.2022 20.01.2022 27.01.2022 03.02.2022 10.02.2022 17.02.2022 24.02.2022 03.03.2022 10.03.2022 24.03.2022 31.03.2022 07.04.2022 14.02.2022	Ends on the same day.
2.	556 (3216340 5)	Mushroo m Culture and Technolo gy	SEC (TH)	Unit.1. Unit 2 Unit 3. Unit 4	06.01.2022 03.02.2022 24.02.2022 31.03.2022	20.01.2022 10.02.2022 24.03.2022 14.04.2022

			SEC PRACTICAL	<ol style="list-style-type: none"> 1. Principle and working of Incubator, Autoclave 2. Principle and working of Laminar flow and centrifuge 3. Preperation of Media 4. Preperation of spawn formation 5. Technique of Cultivation of button mushroom 6. Study of medicinal Mushrooms 7. Study pf edible and poisonous mushroom 8. Techniques of Cultivation of Oyster Mushroom 9. Diseases of mushroom 10. Market value and economics 11. Cultivation of Ganoderma 12. PPT PRESENTATION 13. PPT PRESENTATION and Revision 	<p>07.01.2022</p> <p>14.01.2022</p> <p>21.01.2022</p> <p>28.01.2022</p> <p>04.02.2022</p> <p>11.02.2022</p> <p>18.02.2022</p> <p>25.02.2022</p> <p>04.03.2022</p> <p>11.03.2022</p> <p>25.03.2022</p> <p>08.04.2022</p> <p>15.04.2022</p>	Each practical ends on the same Day.
--	--	--	---------------	--	---	--------------------------------------

B. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Teachers

Event Topic	<p>World Environment Day Celebration</p> <p>Awareness Campaign on Understanding Mucormycosis and its relevance during covid-19 Pandemic</p> <p>Van Mahotsav week celebration</p> <p>Ethnobotany to Domestication in Tribal Dominated Tracts of Agri- Biodiversity in India.</p> <p>Edops- An Electronic Database of Plants-Important resource for Identification of plants.</p> <p>Introduction to Carbon credits.</p> <p>Wetlands</p>
Type / Nature (FDP/Webinar/Workshop etc.)	Workshop on Applications of Bioinformatics for Pedagogy of Plant Sciences
Organizing In-charge	DR. RenuKathpalia Prof. Rajni Gupta
Details regarding invited Resource Person	1. Prof. RadheyShyam Sharma 2. Prof. SudeshnaMazumdar- Leighton, Dr. HemantRiturajKushwaha

		3. Prof. Rupam Kapoor, 4. Dr. Anjula Pandey 5. Prof. Avinash Nagpal 6. Ms. Ankita Shukla 7. Prof. P.L. Uniyal		
Nature of Participation (e.g. Invited Speaker, Participant etc.)		STUDENTS COLLEGE TEACHER		
Date/s	5 th June ,2021 22 nd June,2021 22 nd July,2021-23 rd July,2021 17 th Sep,2021 12 th ,Feb,2022 4 th March,2022 4 th April,2022	Timing/s	3.00 pm -6.00 pm 3.00pm -6.00 pm 3.00pm- 6.00 pm 2.00pm- 5.00pm 11.00am-1.00pm 10.00am-12.00pm 10.00am-12.00pm	Mode On line mode Off line

C. Internal Assessment: House Exam (Test/Presentation etc.)&Assignment*

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining
583	B.Sc (LS)	42167902	Assignment Difference between Translation in prokaryotes and eukaryotes	19 th July 2021	19 th Aug, 2021
556	B.SC (Hons) Botany	32161404	Plant Systematics- Species Concept	10 th Jan,2022	14 th ,Feb,2022
556	B.SC (Hons) Botany	32163405	Mushroom Culture and Technology- Topics were given for Presentation	18 th , Feb,2022	18 th , Mar,2022-15 th , April,2022
556	B.SC (Hons) Botany		Applied applications of Fungi	20 th May,2022	22 nd June,2022

***Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester**

D. Organization of Department/College Society Meetings by Staff Advisor/Convener

Department/Society	Meeting Date	902Purpose
Medini Botanical Society	4 th June, 2021	To discuss the celebration of World Environment Day
Staff Advisor	21 st June,2021	To review preparation of webinar on 22 nd June,2021
	13 th Aug,2021	To discuss about the preparation of Independence Day Celebration
	1 st Sep,2021	To discuss about the webinar on Ethnobotany
	11 th Sep, 2021	To discuss about the working of Society members and their feed back.
	10 th Feb,2022	To discuss about the Webinar functioning
	15 th Feb,2022	To discuss about the Poster making Competition on Feminism .
	26 th Feb,2022	To discuss about Science Day Celebration
	15 th Mar,2022	To discuss about the Society Festival.

E. College Functions

College Function	Function Date	Role to be played
Founder's Day Celebration	1 st Feb,2022	Convener of Pooja Committee
International Women's Day Celebration	8 th March,2022	Convener of Webinar (ICC Committee)

For Departments

A. Department activities for students – Election/Freshers/Welcome/Farewell/Department Seminars/Society functions

Event	Date	Timing	Venue	Event In-charge / Supervisor
Department Election	2 nd June,2021		No election by ballot paper student from previous year society position holders were promoted to new position with the support of Teacher in Charge.	
Fresher's Welcome			15th January,2022	
Farewell			7 th May,2022	
Department Society functions	Celebrated Teachers Day on 5 th Sep,2021 (already mentioned all above)	11.00am	Online mode	Teacher In charge Staff Advisor President of Society
Department Seminars	Already mentioned previously			
Any Other ()				

B. Outstation Field Visit for Students

Project Name / Paper Name	Visit to Horticulture Institute Murthal		
Destination	Murthal	Travel Mode	Bus
Departure Month	March,2022	Return	Same day
Faculty-in-Charge	Prof. Rajni Gupta	Number of Students going	About 60 students.

C. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Department

Event Topic	
Type / Nature (FDP/Webinar/Workshop etc.)	<p>Attended International FDP on Genomics, Metagenomics and Bioinformatics organized by Aurobindo college in association with AIIMS and Hans Raj college from 16 th Aug,20 th Aug,2021.</p> <p>Participated in Two days International Conference on Nanomedicine- Biomolecules for Human Health on 27-28 th Sep,2021 Organised by Kirori Mal College under DBT Star Scheme.</p> <p>Participated, Oral presentation in International Conference Organised by INSCR16-18 N0v,2021</p> <p>Organised a One week workshop 6-11 th Dec,2021 on Microbes for Sustainable and ResillientFuture.i Collaboration with DUBS Dept. of Botany University of Delhi.</p> <p>Oral Presentation in Two days International Conference on Relevance of Buddhism in the Contemporary World 24-25 March,2022.</p>
Organizing In-charge	OrganisesSix webinars and one student workshop.
Details regarding invited Resource Person	<p>Prof. RadheyShyam Sharma (Dept of Environmental studies DU).</p> <p>Prof. Rupam Kapoor (Dept. of Botany DU)</p> <p>Prof. SudeshnaMazumdar Leighton (Dept. of Botany DU)</p> <p>Dr. HemantRiturajKushwaha (JNU)</p> <p>Dr. Anjula Pandey (Senior Scientist NBPGR)</p>

		Prof AvinashNagpal (GNDU Amritsar) MS. Ankita Shukla (South Pole Gurugram) Prof. P.L.Uniyal (Dept. of Botany , DU)			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Speak on Cultivation of edible mushroom on 17 th June,2021 organised by Acharya Narendra Dev College. Speak on Edible fungi organized by Geography Dept. Kirori Mal College, under Interdisciplinary section on 20 th Sep,2021. Invited speaker on Mushroom utpadanekGraminAtamnirbharVabsay. Under Unnat Bharat Abhiyan 0n 24.12.2021 Organised by Bichpuri College Agra. Invited speaker in FDP Organised by IFTM University for Teachers and P.Hd scholars on Edible fungi and its nutrient Value.21 st Feb,2022			
Date/s		Timing/s		Mode	