

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

Event Topic					
Type / Nature (FDP/Webinar/Workshop etc.)					
Organizing In-charge					
Details regarding invited Resource Person					
Nature of Participation (e.g. Invited Speaker, Participant etc.)					
Date/s		Timing/s		Mode	

I – Academic Planner

**D. Teaching Plan (Year : 2020 - 2021 Semester: Odd /
Even)**

Teacher's Name Dr Maya Verma

Department Botany

Sl. No.	UPC	Paper Name	Core/AECC/GE /SEC	Topic/Unit	Start Date	EndDate
Odd Sem.						
1.	321615 02	Plant Physiology	core	Unit – 5,6 & 7	12 th Aug.2020	22 nd Nov.,2020
2.	321633 02	Intellectual property rights (IPR)	SEC	Unit- 4, 5, 6, 7 & 8	14 th Aug, 2020	18 th Nov., 2020
3.	421643 01	Plant anatomy & embryology	core	Unit – 3 & 4	17 th Aug., 2020	10 th Nov, 2020
4.	321653 02	Environmental	GE	Unit – 7 & 8	18 th Aug 2020	11 th Nov, 2020

		Biotechnology				
5.	42161101	Biodiversity	core	Unit - 4, 5 & 6	19 th Nov. 2020	25 th Feb 2021
6.	32165101	Biodiversity	GE	Unit – 4 & half of unit - 5	2 nd Dec 2020	24 th Feb, 2021
Even Sem						
1.	42167904	Analytical techniques in plant sciences	DSE	Unit – 2, 3, 4, 5, 6 & 7	2 nd Jan 2021	
2.	32165401	Economic botany & Biotechnology	GE	Unit – 4 & 5	15 th Jan 2021	
3		Mushroom cultivation	SEC			

E. Outstation Field visits for students

Project Name / Paper Name			
Destination		Travel Mode	
Departure Month		Return	
Faculty-in-Charge		Number of Students going	

F. 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/Retainin g
556	BSc (H) Botany	32161502	Test	12 th Sept. 2020	16 th Sept 2020

	BSc (H) Botany	3216330 2	Test	11 th Oct 2020	16 th Oct 2020
	BSc (H)) Botany	3216510 1	Test	19 th Feb 2021	20 th Feb 2021
583	BSc life Sciences	4216790 4	Test	12 th Feb 2021	14 th Feb 2021

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

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

Event	Date	Event In-charge / Supervisor
Webinar on “Colours in Naturez” by Dr Gita Mathur, Associate Professor (Retd.), Gargi College, University of Delhi	22 nd August, 2020	Dr. Renu Kathpalia
Webinar on “Machine Learning.” by Dr. Gitanjali Yadav, Scientist from NIPGR and lecturer at Cambridge University	4 th Septmeber, 2020	Dr. Renu Kathpalia
“Career as Indian Forest Services” by Mr. Ankit Kumar, IFS	3 rd November, 2020	Dr. Renu Kathpalia
Two-day workshop for students on “Carbon Sequestration & Solid Waste Management A Perspective” <ul style="list-style-type: none"> • Solid Waste Management- Dr. Lata, IARI • Technological Interventions in Carbon & Solid Waste Management-Dr. Ratul , Dept. of Botany , University of Delhi 	5-8 th November, 2020	Dr. Renu Kathpalia
Lecture on “IPR” by Mr. Saurabh Anand, Advocate.	12 th November, 2020	Prof. Rajni Gupta
Academic Orientation for fresh batch (2020-21) of B.Sc. Botany (Hons) and Life Science	18 th & 19 th November, 2020	Dr. Rambabu & Dr. Sunil Dhiman
Event	Date	Event In-charge / Supervisor

Republic Day	25 th January, 2021	Dr. Sunil Dhiman
Lecture on “Plant Systematics” by Dr. Prithipal Singh, former Associate Professor at Department of Botany, KMC,	20 th February, 2021	Prof. Rajni Gupta
Inaugural Lecture on “Restoration Ecology and Resetting Our Relation with Nature” by Mr. Kunal Satyarthi, IFS, alumnus of KMC	22 nd March, 2021	Dr. Sunil Dhiman
Botanical Fest “Shrishti”	5 th and 6 th April, 2021	Dr. Sunil Dhiman
Webinar on “Employment and Entrepreneurship in field of Mushroom” by Ms Monika Choudhary, Chief Agriculturist at “The Mushroom Hub”	16 th April, 2021	Prof. Rajni Gupta
Earth Day Celebration (Inter College Quiz, poster making and Minute Mania)	22 nd April, 2021	Dr. Renu Kathpalia
Lecture on “Ecological Entrepreneurship for diversity and Designing the New Earth ” by Prof. Radhey Shyam Sharma, Department of Environmental Studies, Laboratory of Bioresources and Environmental Biotechnology, University of Delhi	5 th June, 2021	Prof. Rajni Gupta
Lecture on “Understanding Mucormycosis and its Relevance during Covid-19 Pandemic” by Prof. Rupam Kapoor, Department of Botany, University of Delhi	22 nd June, 2021	Prof. Rajni Gupta
Farewell to third year students of B.Sc. Botany (Hons) 2018-2020 batch	26 th June, 2021	Dr. Renu Kathpalia
Seven-day campaign “The Green Side Movement” on the occasion of Van Mahotsav	3 rd -9 th July, 2021	Prof. Rajni Gupta
Two-days Students Workshop on “Applications of Bioinformatics for Pedagogy of Plant Sciences	22 nd -23 rd July, 2021	Dr. Renu Kathpalia and Prof. Rajni Gupta

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

1.

Event Topic	Webinar on “Colours in Nature”				
Type / Nature (FDP/Webinar/Workshop etc.)	Webinar				
Organizing In-charge	Prof. Rajni Gupta & Dr. Renu Kathpalia				
Details regarding invited Resource Person	Dr. Gita Mathur, Associate Professor (Retd.) Gargi College, University of Delhi				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students				
Date/s	22 nd August, 2020	Timing/s	3.00 pm	Mode	Online at G-Meet

2

Event Topic	Webinar on “Machine Learning.” by Dr. Gitanjali Yadav				
Type / Nature (FDP/Webinar/Workshop etc.)	Webinar				
Organizing In-charge	Dr. Renu Kathpalia				
Details regarding invited Resource Person	Dr. Gitanjali Yadav, Scientist at NIPGR and lecturer, Cambridge University				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students				
Date/s	4 Sep 2020	Timing/s	4.30 pm	Mode	Online at MST

3.

Event Topic	Innovations in Scientific Research Method			
Type / Nature (FDP/Webinar/Workshop etc.)	FDP			
Organizing In-charge	Dr. Renu Kathpalia			
Details regarding invited Resource Person	Prof. Diwan S. Rawat Department of Chemistry, University of Delhi Dr. Nipun Arora, Assistant Professor, Department of Mechanical Engineering, IIT, Jodhpur Dr. Balram Pani, Dean of College, Principal, Bhaskaracharya College of Applied Sciences, University of Delhi Prof. Paramjit Khurana, Department of Plant Molecular Biology, University of Delhi			
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Teachers and Research Scholars			

Date/s	14-18 Oct 2020	Timing/s	4.0 -6.0 pm	Mode	Online at G Meet
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4.

Event Topic	Carbon Sequestration & Solid Waste Management A Perspective				
Type / Nature (FDP/Webinar/Workshop etc.)	Workshop				
Organizing In-charge	Dr. Renu Kathpalia & Prof. Rajni Gupta				
Details regarding invited Resource Person	<ul style="list-style-type: none"> • Dr. Lata, IARI • Dr. Ratul Bhaishya, Dept. of Botany, University of Delhi 				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students				
Date/s	5-8 th Nov 2020	Timing/s	4.0 -6.0 pm	Mode	Online at G- Meet

5

Event Topic	Career on Indian Forest Services by Mr. Ankit Kumar, IFS				
Type / Nature (FDP/Webinar/Workshop etc.)	Webinar				
Organizing In-charge	Dr. Renu Kathpalia				
Details regarding invited Resource Person	Mr. Ankit Kumar , IFS Officer and alumnus of KMC				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students				
Date/s	3 Nov 2020	Timing/s	4.0 pm	Mode	Online at G- Meet

6.

Event Topic	Intellectual Property Rights				
Type / Nature (FDP/Webinar/Workshop etc.)	Webinar				
Organizing In-charge	Prof. Rajni Gupta				
Details regarding invited Resource Person	Mr. Saurabh , Advocate and alumnus of KMC				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students				
Date/s	3 Nov 2020	Timing/s	3.0 pm	Mode	Online at G- Meet

7.

Event Topic	Plant Systematics				
Type / Nature (FDP/Webinar/Workshop etc.)	Lecture				
Organizing In-charge	Prof. Rajni Gupta				
Details regarding invited Resource Person	Dr. Prithipal Singh , former Associate Professor at Department of Botany, KMC				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students and teachers				
Date/s	20 February 2021	Timing/s	3.0 pm	Mode	Online at G- Meet

8.

Event Topic	Restoration Ecology and Resetting Our Relation				
Type / Nature (FDP/Webinar/Workshop etc.)	Lecture				
Organizing In-charge	Dr. Sunil Dhiman				
Details regarding invited Resource Person	Mr. Kunal Satyarthi , IFS, alumnus of KMC				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students and teachers				
Date/s	22 March 2021	Timing/s	10.0 am	Mode	Online at G- Meet

9.

Event Topic	Employment and Entrepreneurship in field of Mushroom				
Type / Nature (FDP/Webinar/Workshop etc.)	Webinar				
Organizing In-charge	Prof. Rajni Gupta & Dr. Renu Kathpalia				
Details regarding invited Resource Person	Ms Monika Choudhary , Chief Agriculturist at “The Mushroom Hub”				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Students and teachers				
Date/s	16 April 2021	Timing/s	3.0 pm	Mode	Online at G- Meet

10.

Event Topic	Ecological Entrepreneurship for diversity and Designing the New Earth			
Type / Nature (FDP/Webinar/Workshop etc.)	Lecture			

Organizing In-charge		Prof. Rajni Gupta & Dr. Renu Kathpalia			
Details regarding invited Resource Person		Prof. Radhey Shyam Sharma , Department of Environmental Studies, Laboratory of Bioresources and Environmental Biotechnology, University of Delhi			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Students and teachers			
Date/s	5 th June, 2021	Timing/s	3.0 pm	Mode	Online at G- Meet

11.

Event Topic		Understanding Mucor mycosis and its Relevance during Covid-19 Pandemic			
Type / Nature (FDP/Webinar/Workshop etc.)		Lecture			
Organizing In-charge		Prof. Rajni Gupta			
Details regarding invited Resource Person		Prof. Rupam Kapoor , Department of Botany, University of Delhi			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Students and teachers			
Date/s	22 June 2021	Timing/s	3.0 pm	Mode	Online at G- Meet

12.

Event Topic		Environmental Audit		
Type / Nature (FDP/Webinar/Workshop etc.)		FDP		
Organizing In-charge		Dr. Renu Kathpalia		
Details regarding invited Resource Person		<ul style="list-style-type: none"> • Prof. Vibha Dhawan, DG, TERI. • Prof. Mohanraj Rangaswamy, Head of Department, Dept. of Environmental Management, Bharathidasan University. • Mr. Manmeet Rathore, ESG, Impact Investment. • Mr. Sanjay Kumar Jha, IA&AS, DG, Audit (Environment & Scientific Department), CAG Office • Dr. Anil Kumar, Ex-Director, Department of Environment, Govt. of Delhi. • Dr. D.R. Ravi, Environment Officer, KSCP.B. • Ms. Karishma Bisht, Additional Director, FICCI, Delhi 		

	<ul style="list-style-type: none"> • Dr. Anil P. Joshi, Founder, Himalayan Environmental studies Conservation Organization (HESCO). • Mr PuneetKaushik, Founder Director,EHS Alliance Services • Ms.Shweta Chahar, ProjectConsultant, AECOM • Mr. Sushil Kumar Sharma, ex-GM, NTPC. • Prof. Vandana Mishra, Environmental Studies, DU. • Prof. A.K. Nema, IIT,New Delhi • Dr. Bhuvan Chopra. • Dr. M. Dwarakanath,. Ex-Director, DST, Govt. of Puducherry. • CA. Amarjit Chopra, Ex-President, ICAI. • Mr. M.A Patil, Sr. Director, FICCI. Delhi. • Mr Manish Raj • Dr. Ratul Baishya, Department of Botany, University of Delhi • Mr. J. S. Kamyotra, Member Secretary, CPCB, New Delhi. • Dr. S. Krishna Bharathi, TUV Rheinland Middle East office, Dubai. • Dr. Anumita Roy Chowdhury, Executive Director, Centre for Science & Environment. • Mr. Rajiv Ranjan Mishra, DG, National Mission on Clean Ganga. • Prof. Lokanath Mishra, Director, FDC, Mizoram University. 				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Teachers				
Date/s	28 June -2 July 2021	Timing/s	10.0 am – 5.0 pm	Mode	Online at G- Meet

13.

Event Topic	“Applications of Bioinformatics for Pedagogy of Plant Sciences”
Type / Nature (FDP/Webinar/Workshop etc.)	Workshop
Organizing In-charge	Dr. Renu Kathpalia & Prof. Rajni Gupta
Details regarding invited Resource Person	<ul style="list-style-type: none"> • Dr. Hemant Ritturaj Kushwaha, School of Biotechnology, Jawahar Lal Nehru University • Prof. Sudeshna Mazumdar Leighton, Department of Botany, University of Delhi

Nature of Participation (e.g. Invited Speaker, Participant etc.)		Students			
Date/s	22-23 July 2021	Timing/s	3.0 pm	Mode	Online at Zoom

FIELD VISITS / OUTSTATION TRIP

- The Department. of Botany under the guidance of Prof. Rajni Gupta organized a **virtual visit to HAIC, Murthal on 9th April 2021**. The tour was organized under the "Field trip" project of Skill Enhancement Paper "Mushroom Cultivation" and DSE paper "Industrial and Environmental Microbiology" for 2nd and 3rd yr students of B.Sc. Botany (Hons).