


## Faculty Detail Performa

### Name of Faculty

#### 1- Personal Details

Name	DR PRATIBHA KUMARI	
Designation	ASSISTANT PROFESSOR	
Department	BOTANY	
Email	<a href="mailto:mh.pratibha@gmail.com">mh.pratibha@gmail.com</a>	

#### 2- Educational Qualification

Degree	Institution	Year
BSc (H) BOTANY	UNIVERSITY OF DELHI	2007
MSc BOTANY	UNIVERSITY OF DELHI	2009
M.PHIL	UNIVERSITY OF DELHI	2011
PHD	UNIVERSITY OF DELHI	2015

#### 3- Full Time Research Experience

Designation	Institute	Time period	Nature of Appointment

#### 4- Full time Teaching Experience

s.no	Designation	Institution	Time Period	Nature of Appointment
1-	ASSISTANT PROFESSOR	ZAKIR HUSAIN DELHI COLLEGE (UNIVERSITY OF DELHI)	AUGUST 2016- DECEMBER 2017	AD-HOC
2-	ASSISTANT PROFESSOR	DAULAT RAM COLLEGE (UNIVERSITY OF DELHI)	JANUARY 2018- STILL CONTINUED	AD-HOC

#### 4- Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
DAULAT RAM COLLEGE	Member Garden Committee		2018- 2022	
DAULAT RAM COLLEGE	Member student amenities		2018-19	
DAULAT RAM COLLEGE	Member spic Macay		2018-19	

DAULAT RAM COLLEGE	Member website committee		2021-22 2022-23	
DAULAT RAM COLLEGE	Prize committee		2022-23	

#### 6-Areas of Interest in Teaching:

Archegoniate, Biofertilizer, Ethnobotany, Ecology, Taxonomy
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#### 7-Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1-	Bsc (H) Botany	Ethnobotany	III	2018
2-	Bsc (Life science)	Biofertilizer	III	2018
3-	Bsc (Life Science)	Plant Physiology and Metabolism		
4-	Bsc (H) Botany	Microbiology and Phycology	I	2018
5-	Bsc (H) Botany	Ecology	IV	2019
6-	Bsc (Life science)	Biodiversity	I	2019
7-	BSc Zoology and Biochemistry (GE-IV)	Economic botany and biotechnology	IV	2019
8-	Bsc (H) Botany	Biofertilizer	IV	2020
9-	Bsc (Life science)	Plant ecology and taxonomy	II	2020
10-	BSc Zoology and Biochemistry (GEII)	Plant ecology and taxonomy	II	2020
11-	BSc (Life science)	Biodiversity	I	2021
12-	BSc (Life science)	Biofertilizer	III	2021
13	BSc (Life science)	Economic botany and biotechnology	VI	2021
14-	BSc Zoology and Biochemistry (GE-IV)	Economic botany and biotechnology	IV	2021
15-	Bsc (Life science)	Plant ecology and taxonomy	II	2021
16-	BSc (H) Botany	Archegoniatae	II	2022

**8- Research Guidance- NIL**

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor/Cosupervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree

**9- Details of refresher/orientation course/research methodology/workshop/syllabus up-gradation/ teaching –learning-evaluation/technology programmes/Faculty Development Programme**

S.No.	Details	Place	Period		Year	Sponsoring/Organising Agency
			From	To		
1-	National workshop on Biostatistics: An initiative to educate the educator.	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.	9 <sup>th</sup> March	10 <sup>th</sup> March	2017	Department of Botany, Zakir Husain Delhi College, University of Delhi,
2-	Faculty Development Programme on Industrial and Environmental Microbiology.	Department of Botany, Daulat Ram College, University of Delhi, Delhi.	19 <sup>th</sup> March	20 <sup>th</sup> March	2018	Department of Botany, Daulat Ram College, University of Delhi, Delhi
3-	National workshop cum Training on Bioinformatics and Computational Tools for Botanical Studies.	Department of Botany, Daulat Ram College, University of Delhi, Delhi.	12 <sup>th</sup> February	13 <sup>th</sup> February	2020	Department of Botany, Daulat Ram College, University of Delhi, Delhi.
4-	E- faculty development programme on “Empowering Teaching-learning Process using google classroom & other ICT tools: A comprehensive practical approach.	Department of Commerce, Daulat Ram College, University of Delhi, Delhi.	21 <sup>st</sup> July	23 <sup>rd</sup> July	2020	Department of Commerce, Daulat Ram College, University of Delhi, Delhi.
5-	Workshop on Learning reproductive biology with fluorescence microscopy.	Department of Botany, Daulat Ram College, University of Delhi, Delhi	25 <sup>th</sup> August	26 <sup>th</sup> August	2021	Department of Botany, Daulat Ram College, University of Delhi, Delhi

6-	Workshop on “Microbes for Sustainable and resilient future”.	Department of Botany, University of Delhi, Delhi	6 <sup>th</sup> December	11 <sup>th</sup> December	2022	Department of Botany, University of Delhi, Delhi
7-	3-Days Online Workshop on Arbuscular Mycorrhizal Fungi: “Biodiversity, Taxonomy and Propagation”	Department of Botany Rajiv Gandhi University, Rono Hills, Doimukh - Arunachal Pradesh	19-20 <sup>th</sup> January	2 <sup>nd</sup> April	2022	Department of Botany Rajiv Gandhi University, Rono Hills, Doimukh - Arunachal Pradesh.
8-	One Week (Online) interdisciplinary Faculty Development Programme on "Environment Sustainability & Climate Change"	Mahatma Hansraj Faculty Development Centre, Hansraj College	4 <sup>th</sup> April	8 <sup>th</sup> April	2022	Mahatma Hansraj Faculty Development Centre, Hansraj College

#### 10. MOOCs completed with e-certification

S. No.	Details of MOOC	Subject	Certification providing agency	Date of certification	Level (UG/PG/Other)	Year	E-certification no.

#### 11- Contribution towards development of e-content/MOOCs in 4- quadrants

S.No.	Details of E-contents/ MOOCs in 4- quadrants	Quadrants developed	No. of Modules	Course	Sponsoring agency	Year	Level (UG/PG/Other)

#### 12- Contribution towards conduct of MOOCs

S.No.	Details of MOOC	Subject	Sponsoring agency	Level (UG/PG/Other)	Year	E-certification no.


### 13- Organising seminars/ conferences/workshops, other college/university activities.

S.No.	Year	Details	Place	Period		Sponsoring/Organising Agency
				From	To	
1-	Organising member (2017)	National conference on pharmacognosy scope of phytochemically unexplored medicinal plants.	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.	12 <sup>th</sup> January	-	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.
2-	Organising member (2017)	National workshop on Biostatistics: An initiative to educate the educator.	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.	9 <sup>th</sup> March	10 <sup>th</sup> March	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.
3-	Organising member (2018)	Faculty Development Programme on Industrial and Environmental Microbiology.	Daulat Ram College, University of Delhi, Delhi.	19 <sup>th</sup> March	20 <sup>th</sup> March	Daulat Ram College, University of Delhi, Delhi.
4-	Organising member (2019)	Symposium on Environment and Sustainable Development- New Perspectives (Under IQAC)	Daulat Ram College, University of Delhi, Delhi.	14 <sup>th</sup> February	-	Daulat Ram College, University of Delhi, Delhi.
5-	Organising member (2020)	National webinar on "Biodiversity and Conservation. Organised by	Department of Botany, Daulat Ram College, University	8 <sup>th</sup> June 2020.	-	Department of Botany, Daulat Ram College, University of Delhi, Delhi.

			of Delhi, Delhi.			
6-	Organising member (2020)	Webinar- Redefining gardening from hobby to enterprise: series 1,3 and 4	Daulat Ram College, University of Delhi, Delhi.	21 <sup>st</sup> October	25 <sup>th</sup> November	Garden Committee, Daulat Ram College, University of Delhi, Delhi.
7-	Co-convener (2020)	Webinar- Redefining gardening from hobby to enterprise: series 2	Daulat Ram College, University of Delhi, Delhi.	11 <sup>th</sup> November	-	Garden Committee, Daulat Ram College, University of Delhi, Delhi.
8-	Organising member (2021)	Webinar- Pollinators, Pollinators Dependent plants and conservation values.	Department of Botany, Daulat Ram College, University of Delhi, Delhi.	4 <sup>th</sup> August	-	Department of Botany, Daulat Ram College, University of Delhi, Delhi.
9-	Organising member (2021)	Workshop- Learning reproductive biology with fluorescence microscopy	Department of Botany, Daulat Ram College, University of Delhi, Delhi.	25 <sup>th</sup> August	-	Department of Botany, Daulat Ram College, University of Delhi, Delhi.

#### 14. Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula

##### Development of Innovative Pedagogy e module

S.No.	Name of the Module	Subject	Stream	Organization for which it was developed	Year	Level (UG/PG/Other)	Weblink
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#### 15- Research Projects ongoing 2017-21

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start	Amount Sanctioned	Amount Received
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				date and end date)		
Nil	Nil					

#### 16- Research projects Completed

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start date to end date)	Amount Sanctioned	Amount Received
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#### Publications:

#### 17-Books published

S.No	Citation	Publisher	Date of publishing (DDMMYY)	Authored/Edited	ISBN No

#### 18- Book Chapters/Articles

S.No	Citation	Publisher	Date of publishing (DDMMYY)	Authored/Edited	ISBN No
1-	<b>Potential of Bryophytes as Herbal Medicine. Pratibha Kumari</b> , Priti and P.L. Uniyal. Book: (2017) "Scope of phytochemically unexplored medicinal plants" (Eds Savindra Kumar, Mrinal Bhargava, Ratnum Kaul Wattal, Tabassum Jehan).	Enriched Publication, New Delhi (India)	2017	EDITED	978-1-63535-013-5
2-	<b>Diversity and Developmental Biology of Gymnosperms (Chapter 5)</b> (2018). Prabha Sharma, Sanavar, H. Govindapuri, <b>Pratibha Kumari</b> and P.L. Uniyal. Book "Plant Diversity of India" (Eds. A K Bhatnagar, Rupam Kapoor).	I.K. International, New Delhi (India)	2018	EDITED	978-93-85909-69-6
3-	<b>Ecological importance of bryophytes in changing climate conditions.</b> (2018) <b>Pratibha Kumari</b> , Priti, P.L. Uniyal. Book: Introduction to Challenges and Strategies to	Enriched Publication, New Delhi (India)	2018	EDITED	978-81-934634-9-9

	Improve Crop Productivity in Changing Environment. (Eds: Mohammad Wahid Ansari, Savindra Kumar, Babeeta C. Kaula, Ratnum K. Wattal).				
4-	Ethnomedicinal Uses of Pteridophytes for Treating Various Human Ailments in India (2019). Priti, <b>Pratibha Kumari</b> , Prabha Sharma and P.L. Uniyal. New Vistas in Indian Flora (Eds. L.J. Singh and V. Ranjan) Vol 1	M/s Bishen Singh Mahendra Pal Singh publishers and distributors of scientific books, Dehradun (India)	2021	EDITED	978-81-943323-5-0

#### 19- E- Modules published

S.No	Citation	Publisher	Date of publishing (DDMMYY)	Authored/Edited	Link

#### 20- Research Publications:

s.no	Citation	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1-	Priti, <b>Pratibha Kumari</b> , G.S. Panwar, P.L.Uniyal (2017). Studies on <i>In-vitro</i> Gametophyte development of <i>Onychium contiguum</i> (Wall.) Hope. Indian Fern Journal	2017	-	Yes	no	0970-2741

#### 21- Conference Proceedings publication

S.no	Citation	Date of Publishing (DDMMYY)	Name of conference	Venue of conference	ISBN No
1-	<b>Potential of Bryophytes as Herbal Medicine.</b> <b>Pratibha Kumari</b> , Priti and P.L. Uniyal. Book: (2017) "Scope of phytochemically	2017	National conference on pharmacognosy scope of phytochemically unexplored	Department of Botany, Zakir Husain Delhi College,	978-1-63535-013-5



	unexplored medicinal plants' (Eds Savindra Kumar, Mrinal Bhargava, Ratnum Kaul Wattal, Tabassum Jehan).		medicinal plants	University of Delhi, New Delhi.	
	<b>Ecological importance of bryophytes in changing climate conditions.</b> (2018) <b>Pratibha Kumari</b> , Priti, P.L. Uniyal. Book: Introduction to Challenges and Strategies to Improve Crop Productivity in Changing Environment. (Eds: Mohammad Wahid Ansari, Savindra Kumar, Babeeta C. Kaula, Ratnum K. Wattal).	2018	National conference on challenges and strategies to improve crop productivity in changing environment: An integrated approach. Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi	978-81-934634-9-9

## 22- Conference Attended and Paper presentation

s.n	Type of Event	Name of Event	Venue of conference	Date of Conference (Start date – End Date)	Attended	paper presented	No of papers presented
1-	National	National conference on pharmacognosy scope of phytochemically unexplored medicinal plants	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.	12 <sup>th</sup> January 2017.	YES	NO	
2-	National	National conference on challenges and strategies to improve crop productivity in changing environment: An	Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi	12 <sup>th</sup> January 2018.	YES	NO	

		integrated approach. Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.					
3-	National	Symposium on Environment and Sustainable Development- New Perspectives (Under IQAC)	Department of Botany, Daulat Ram College, University of Delhi,	14 <sup>th</sup> February 2019.	YES	NO	
4-	National	National Webinar on “Virtual Classes tools: Google classroom, Google meet and Youtube.	Department of Botany, Gargi College, University of Delhi, Delhi.	11 <sup>th</sup> May 2020.	YES	NO	
5-	National	Evolution of science seen from historical prospective.	Department of Botany, Deshbandhu College, University of Delhi, Delhi	12-13 <sup>th</sup> May 2020.	YES	NO	
6-	National	National webinar on “Rog main Yog”.	Yoga club, Bhaskaracharya College of applied sciences, University of Delhi, Delhi	16 <sup>th</sup> May 2020.	YES	NO	
7-	National	Botanical secrets for wellness: Clued from nature signature.	The Botanical society, Bhaskaracharya College of applied sciences, University of Delhi,	16 <sup>th</sup> May 2020	YES	NO	
8-	International	International webinar on “Prevalent crisis triggered by the COVID-19 pandemic and its appraisal”.	Department of Chemistry and Biomedical sciences, Bhaskaracharya College of applied sciences,	18-19 <sup>th</sup> May 2020.	YES	NO	

			University of Delhi, Delhi				
9-	National	Biodiversity and public health.	Eco club, Shivaji College, University of Delhi, Delhi and Society of Ecological research and Natural resource management (SERNRM).	19 <sup>th</sup> May 2020.	YES	NO	
10-	International	International webinar on “Biodiversity and Environment Health”.	Department of Environmental studies, Shivaji College, University of Delhi, Delhi.	20 <sup>th</sup> May 2020.	YES	NO	
11-	National	Higher education in India: Pandemic paradigm.	Dayal Singh College, University of Delhi, Delhi.	20 <sup>th</sup> May 2020.	YES	NO	
12-	National	National webinar on “Ecological revival during pandemic.	Department of Chemistry, Bhaskaracharya College of applied sciences, University of Delhi, Delhi.	21 <sup>st</sup> May 2020.	YES	NO	
13-	National	Plant Biology: A journey from Earth to Space.	Department of Botany, Ramjas College, University of Delhi, Delhi.	22-23 <sup>rd</sup> May 2020.	YES	NO	
14-	National	New opportunities in medicinal plants sector for farmers and entrepreneurs.	Department of Life Science, Marsarovar Global University, Madhya Pradesh.	24 <sup>th</sup> May 2020.	YES	NO	
15-	National	Art and science of mentoring.	Physics Department, Daulat Ram College,	1 <sup>st</sup> June 2020	YES	NO	

			University of Delhi, Delhi.				
16-	National	National webinar on “Entrepreneurship aspects on biodiversity conservation and indigenous healing practices of Northeast India.	IBSD centre, Kalindi College. University of Delhi, Delhi.	2 <sup>nd</sup> June 2020.	YES	NO	
17-	National	Celebration Biodiversity.	Daulat Ram College, University of Delhi, Delhi.	4 <sup>th</sup> June 2020.	YES	NO	
18-	National	National webinar on “Biodiversity and Man.	Department of Botany, Dayal Singh College, University of Delhi, Delhi and Society of Ecological research and Natural resource management (SERNRM).	5 <sup>th</sup> June 2020.	YES	NO	
19-	National	Biodiversity: Bioindicators, monitoring and ecosystem health.	Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar.	5 <sup>th</sup> June 2020.	YES	NO	
20-	National	National webinar on “Biodiversity and Conservation. 8 <sup>th</sup> June 2020.	Department of Botany, Daulat Ram College, University of Delhi, Delhi.	8 <sup>th</sup> June 2020.	YES	NO	
21-	National	Redefining gardening from hobby to enterprise: series 1	Garden Committee, Daulat Ram College, University of Delhi, Delhi.	21 <sup>st</sup> October 2020			

22-	National	Redefining gardening from hobby to enterprise: series 2	Garden Committee, Daulat Ram College, University of Delhi, Delhi.	11 <sup>th</sup> November 2020			
23-	National	Redefining gardening from hobby to enterprise: series 3	Garden Committee, Daulat Ram College, University of Delhi, Delhi.	18 <sup>th</sup> November 2020			
24-	National	Redefining gardening from hobby to enterprise: series 4	Garden Committee, Daulat Ram College, University of Delhi, Delhi.	25 <sup>th</sup> November 2020			
25-	International	Effective strategies for biodiversity conservation.	Department of Botany, Daulat Ram College, University of Delhi, Delhi.	23-24 <sup>th</sup> March 2021			

**23-Resource Person (Conference/seminar/ workshop/training programme/ educational trips)**

S.No	Type of Event	Name of Event	Venue	Date of Event (Start Date-End Date)	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of participant in the programme
1.	SDP (Resource person)	Enhancing Learning through ICT tools	Botany Dept DRC	24-25 <sup>th</sup> November 2021	Resource Person	6hrs	52
2.	SDP (Resource person)	Disease prevention with natural remedies and identification	Dept of Chemistry & Botany, DRC	20-27 <sup>th</sup> December 2021	Resource Person	6hrs	65-70

		ation of active molecules					
3.	Workshop for Non Teaching Staff (DRC) (Resource person)	Digital Learning Through ICT tools	Dept of Botany & Economics, DRC	21-28 <sup>th</sup> January 2022	Co-coordinator and Resource Person	4hrs	50-55

#### **24- Awards Won**

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award (DDMMYY)	Type of Honor received
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#### **25- Extension Activity (Community related program )**

S.No	Type of Activity	Centre and Venue	Title of Event	Role in the event	Date/period of Event (DDMMYY)	No of members of the community/students /Faculty benefitted
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#### **26- Membership of Professional Bodies**

S.No	Type of Membership	Organisation	Year of Membership(Start Date )
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