Faculty Profile on University Website

www.mjpru.ac.in

Title	Prof	**First Name**	Upendra	**Last Name**	Kumar	
Designation		Professor				
Department		Plant Science				
Address	**Campus**	A 4 Type-IV, MJP Rohilkhand University, Campus, Bareilly				
	Residence	A 4 Type-IV, MJP Rohilkhand University, Campus, Bareilly				
Mobile No.		9411259621				
Email ID		Personal	baliyan.upendra@gmail.com			
		University Domain	upendra@mjpru.ac.in			
Professional Networking ID, i.e. Linkedin, Twitter etc.		linkedin.com/in/upendra-baliyan-4a415023 https://www.researchgate.net/profile/Upendra-Kumar-36				

Educational Qualifications (Graduation Onwards)

Course/Degree	Institution	Year	Details/Thesis Topic/Subjects
B.Sc	CCS University, Meerut	2002	Botany, Chemistry, Zoology
M.Sc	CCS University, Meerut	2004	Botany
M.Phil	CCS University, Meerut	2005	Botany
Ph.D.	CCS University, Meerut	2010	Botany

Career Profile

Organization / Institution	Designation	Duration	Nature of Duties
MJP Rohilkhand University, Bareilly	Professor	13/06/2023 To till Date	Teaching and Research

Research Interests / Specialization

Functional Genomics and Genetic Engineering

Research Experience in Years: 18 Years

No of Research Scholars Successfully Guided

Name of Programme	Awarded	Under Supervision
Ph.D.	14	02
M.Phil.	Nil	Nil

P.G. Dissertation	22	04

Researcher/ Expert ID	Scopus	Orcid	Publons	Vidwan	Google Scholar
	57541625200	0000-0002-1137-9103	AAU-4044-2021		https://scholar.google.com/citations?user=lUjTIpsAAAAJ

Teaching Experience (Subjects/Courses Taught)

15 Years

Botany, Biotechnology, Plant Physiology, Biochemistry

Honours / Awards & Fellowship FOR OUTSTANDING WORK

Name of Award/ Fellowship	Awarded By		
	Name of Governmental Agency	Name of Government Supported Organization/ Department	Name of International Recognized Body
VAIBHAV Fellowship	Department of Science & Technology (DST), Govt. of India, New Delhi, INDIA		
Ranked among the World's Top 5% Scientist in 2025			SciRank Global Registry
Best TPIA Award	Department of Horticulture & Food Processing, Govt. of U.P. Lucknow		
Best Researcher of the Year Award (2025)		Vice-Chancellor, MJP Rohilkhand University, Bareilly	
Elected Fellow of "The Linnaean Society of London" in 2021			The Linnaean Society of London, United Kingdom
Certificate of Appreciation from Vice-Chancellor, CCS HAU, Hisar for the award of SPARCprojects with the University of Massachusetts, Amherst, USA.		Vice-Chancellor, CCS HAU, Hisar	

Certificate of Recognition from The Science and Engineering Research Board (SERB)	SERB, New Delhi, Govt. of India		

and the American Chemical Society (ACS) acknowledge and appreciate for reviewing the posters of SERB-ACS National Postdoctoral Fellowship (NPDF) Research Poster Competition 2021, under the category of Life Sciences.			
Best paper presentation award in 12th International Wheat Genetic Symposium (12thIWGS) September 8-14, 2013, Pacifico Yokohama, JAPAN.			International Society for Wheat Genetics and Genomics Resources, USA
Young Scientist Award (2015) given by Uttarakhand Council for Science & Technology, Govt. of Uttarakhand		Uttarakhand Council for Science & Technology, Govt. of Uttarakhand	
Member Faculty of CCS HAU, Institutional Innovation Cell, Ministry of Human Resource Development, Govt. of India	Ministry of Education, Govt. of India		
Best paper presentation award at Golden Jubilee International Conference on "New Millennia Agriculture-Novel Trends and Future Scenario" organized by the Directorate of Research, CCS HAU, Hisar from November 6-8,2019.		CCS Haryana Agricultural University, Hisar	
Publications /Academic Activities (Numbers Only)			

Books & Monograph	**0**	Research Papers Published in	**55**	Papers Presented in	**18**	Seminars/ Conferenc	**02**	Research Projects	05
s (Single Author)		International Journals		Seminars/ Conferences		es Organized		(Complete d)	
Books (Co-authored)	**03**	Research Papers Published in Other Journals	**06**	Seminar/ Conferences Attended	**21**	Workshop s Organized	**05**	Research Projects (Ongoing)	04
Books (Edited)	**03**	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	**02**	Sessions Chaired in Seminars/ Conferences	**01**	Membersh ip of Academic/ Profession al Bodies	**03**	Foreign Countries Visited for Academic Assignmen ts	03
Chapters in Edited Books	**08**			Resource Lectures Delivered	**05**				

Details of Publications /Academic Activities (2010 Onwards)

(a) Authored Books/ Monographs

Name of Book	Year of Publication	Publisher	ISBN No
Economic Botany and Plant Genetic Resources at a glance.	**2015**	***Sharma Publishers and Distributors, New Delhi***	9789382310044, 9382310045

(b) Edited Books

Year of Publication	Title	Publisher	ISBN	DOI No.	Citations
2025	Agri-Food Innovations: From Weather to Wellness	NIPA Genx Electronics Resources & Solution Pvt. Ltd, Pitampura, NewDelhi	978-93-7219-429-6		02
2018	Medicinal Plant of Uttarakhand (Vol I)	*ASTRAL Daya Publishing House, New Delhi*	978- 93-5124- 906-1		06
2018	Medicinal Plant of Uttarakhand (Vol II)	*ASTRAL Daya Publishing House, New Delhi*	978- 93-5124- 907-8		05
2018	Medicinal Plant of Uttarakhand (Vol III)	*ASTRAL Daya Publishing House, New Delhi*	978- 93-5124- 908-5		08

(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals

Year of Publication	Title	Name of Journal	ISSN No	Citations	Impact Factor
2026	Deciphering Cold Stress Resilience: Multiomics Insights in Contrasting Wheat Genotypes From the Western Himalayas.	Plant Biotechnology Journal	https://doi.org/10.1111/pbi.70594	03	13.90
2026	CRISPR/Cas9 mediated editing of OsLsi1 and OsLsi2 genes reduce arsenic uptake and accumulation in Indica rice (Oryza sativa L	Physiol Mol Biol Plants.	https://doi.org/10.1007/s12298-025-01702-2	02	3.90

2026	Identification and expression analysis of putative genomic regions disseminating biotic stress tolerance in chickpea (Cicer arietinum).	3 Biotech	https://doi.org/10.1007/s13205-026-04698-y	06	3.20
2026	Molecular mapping of QTLs for stripe rust resistance in bread wheat (Triticum aestivum L.).	BMC Plant Biol .	https://doi.org/10.1186/s12870-025-07981-x	09	5.40
2026	Biofortification of dietary fibre: exploring enhanced β-glucan and arabinoxylan content in a panel of Triticum and wild relatives.	Front. Plant Sci.	16:1660594. doi: 10.3389/fpls.2025.1660594	03	5.60
2025	Rethinking tree disease aetiology: from classical pathogens to complex pathological systems and emerging diagnostic approaches.. 23: 145–	Environmental and Experimental Biology	http://doi.org/10.22364/eeb.23.16		0.235
2025	Enhancing wheat β-glucan content through precision crossbreeding: development and evaluation of biofortified lines with improved nutritional and agronomic traits, 16	Frontiers in Genetics. Genomics of Plants and the Phytoecosystem	https://doi.org/10.3389/fgene.2025.1532956.	05	4.80
2025	Genotype and Environmental Influences on Elemental Profiles and Toxic Element Accumulation in Indica Rice (Oryza sativa L.).	Journal of Soil Science and Plant Nutrition	https://doi.org/10.1007/s42729-025-02252-y.	10	3.60
2024	Overexpression of rice lectin receptor-like kinase, OsLec-RLK, confers salinity stress tolerance and increases seed yield in pigeon pea (Cajanus cajan (L.) Millsp.).	Plant Cell Reports	https://doi.org/10.1007/s00299-024-03314-8	12	5.30
2024	Identification and expression analysis of genomic regions associated with the traits contributing to lodging tolerance in	European Journal of Agronomy	https://doi.org/10.1016/j.eja.2023.127073	13	5.80

	wheat (Triticum aestivum L				
2024	Biochemical Defense Arsenal, Genes/QTLs and Transcripts for Imparting Anthracnose Resistance in Common bean (Phaseolus vulgaris L.).	Plant Stress	https://doi.org/10.1016/j.stress.2024.100609	11	6.80
2024	Do Different Wheat Ploidy Levels Respond Differently Against Stripe Rust Infection: Interplay between Reactive Oxygen Species (ROS) and the Antioxidant Defense System?	Plant Physiology & Biochemistry	https://doi.org/10.1016/j.plaphy.2024.109259	12	6.50
2023	Nanoparticles as novel elicitors in plant tissue culture: Current status & Future outlook.	Plant Physiology & Biochemistry	https://doi.org/10.1016/j.plaphy.2023.108004	56	6.50
2023	ASmiR: A machine learning framework for prediction of abiotic stress-specific miRNAs in plants.	*Functional & Integrative Genomics*	1438-7948	13	3.811
2023	Comprehensive meta-QTL analysis for dissecting the genetic architecture of stripe rust resistance in bread wheat.	*BMC Genomics*	1471-2164	01	4.931
2023	Physiological traits and expression profile of genes associated with nitrogen and phosphorous use efficiency in wheat.	Molecular Biology Reports	1573-4978	23	2.85
2023	Strategies for Economic Utilization of Rice Straw Residues into Value-Added Byproducts and Prevention of Environmental Pollution	Science of The Total Environment	1879-1026	102	9.80

2023	Nanoparticles as novel elicitors in plant tissue culture: Current status & Future outlook.	Journal of Plant Physiology and Biochemistry	1873-2690	89	6.50
2023	Meta QTL analysis for dissecting abiotic stress tolerance in Chickpea.	BMC Genomics	1471-2164	56	4.931

2023	Advances and opportunities in unraveling cold tolerance mechanisms in the world's primary staple food crops.	The Plant Genome	1940-3372	54	5.826
2022	Development and characterization of nitrogen and phosphorus use efficiency responsive genic and miRNA derived SSR markers in wheat.	*Nature Heredity*	1365-2540	11	4.899
2022	Delineating Marker-trait Associations for Fusarium Wilt in Chickpea using Axiom® Cicer SNPArray.	*Phytopathology*	19437684	02	4.010
2022	Phylogenomic Analysis of 20S Proteasome Gene Family Reveals Stress-responsive Patterns in Rapeseed (*Brassica napus* L.)	*Frontiers in Plant Science.*	1664462X	03	6.627
2022	Effect of stem structural characteristics and cell wall components related to stem lodging resistance in a newly identified mutant of hexaploid wheat (*Triticum aestivum* L.)	*Frontiers in Plant Science.*	1664462X	03	6.627
2022	Effect of terminal heat stress on osmolyte accumulation and gene expression during grain filling in bread wheat (*Triticum aestivum* L.)	*The Plant Genome*	1940-3372	04	5.826
2022	Structural and functional insights into the candidate genes associated with different developmental stages of flag leaf in bread wheat (*Triticum aestivum* L.)	*Frontiers in Genetics, (Plant Genomics).*	1664-8021	01	4.772
2022	Nanotechnology-enabled Biofortification Strategies for Micronutrient Enrichment of Food Crops: Current Understanding and Future Scope.	*NanoImpact*	2452-0748	14	6.038

2022	Genome-Wide Association Analysis To Delineate High-Quality Snps For Seed Micronutrient Density In Chickpea (*Cicer arietinum L.*)	*Nature Scientific Reports*.	2045-2322	05	5.134

2022	ASRmiRNA: Abiotic Stress-Responsive miRNA Prediction in Plants by Using Machine Learning Algorithms with Pseudo *K*-Tuple Nucleotide Compositional Features.	*International Journal of Molecular Sciences*	1422-0067	04	6.208
2022	Approaches to Improve Nitrogen and Phosphorous use Efficiency in Wheat.	Biological Forum – An International Journal.	2249-3239		
2021	Discovery of miRNAs and developmentof heat-responsive miRNA-SSR markers for characterization of wheat germplasm for terminal heat tolerance breeding.	*Frontiers in Genetics (Plant Genomics).*	1664-8021	22	4.772
2021	Physical localization of 45S rDNA in *Cymbopogon* and the analysis of differential distribution of rDNA in homologous chromosomes of *Cymbopogon winterianus*.	PLoS ONE	1932-6203	02	3.752
2021	Organic farming and bio-nanomaterial conflux: A way forward for sustainable agriculture.	*Journal of Nanoscience and Nanotechnology*	2455-0191	02	1.354
2021	Applications of nanotechnology in forest management	*Journal of Nanoscience and Nanotechnology*	2455-0191	07	1.354
2018	Identification, molecular modeling and expression of *Iron Deficiency Clones3* (Ids3) like gene in hexaploid wheat.	*3 Biotech*	2190-5738	13	3.206
2018	Uttarakhand Medicinal Plant Database (UMPDB): A Platform for Exploring Genomic, Chemical and Traditional Knowledge.	Data	2306-5729	38	2.688
2017	Biotechnological Approaches for Enhanced Secondary Metabolite Production using Hairy Root Cultures.	*Biotech Today: An International Journal of Biological Sciences*	2322-0996	02	

2017	In vitro propagation of economically important some Indian Himalayan medicinal plant species for conservation and commercialization	Journal of Plant Development Sciences	2348-9170	02	

2016	Functional and structural insights into novel DREB1A transcription factors in common wheat (*Triticum aestivum* L.): A molecular modeling approach.	*Computational Biology & Chemistry*	1476-9271	28	4.770
2016	Characterization of interspecific hybrids of *Triticum aestivum* x *Aegilops* sp. without 5B chromosome for induced homoeologous pairing	*Journal of Plant Biochemistry and Biotechnology*	0971-7811	12	1.994
2015	Identification of RAPD based genetic variability in *Rhizoctonia solani* isolates from Northern India.	*International Journal of Recent Biotechnology*	2322-0392	02	
2015	Indirect, Direct and Secondary Somatic Embryogenesis in *Emblica officinalis*.	*Global Journal For Research Analysis*	2277-8160	03	5.956
2014	*Evaluation and utilization of germplasm of wheat and related species for biofortification of iron and zinc in grain and grain fractions.*	*Plant Genetic Resources characterization & Utilization*	*14792621*	18	2.88
2014	*In vitro* Salt Stress-Induced Enhancement of Ascorbic Acid in *Emblica officinalis*.	*Annals of Plant Sciences*	2287-688X	03	
2014	Cancer Scenario with Future Perspectives in Uttarakhand Region of India.	*Global Journal For Research Analysis*	2277-8160	04	5.956
2013	Biofortification: A novel attempt to overcome hidden hunger and malnutrition	Indian Farming	0019-4786	03	
2012	Physiological and biochemical effects of 24- Epibrassinoslide on cold tolerance in maize seedlings.	*Physiology and Molecular Biology of Plants*	09715894	66	3.923
2012	*In vitro* somatic embryogenesis in *Cassia fistula L.*	*International Journal of Applied Sciences and Humanities*	2277-4386	01	
2011	*In vitro* production of L Dopa in tissue cultures of *Mucuna pruriens.*	*Vegetos*	2229-4473	06	

2010	*In vitro* salt stress-induced production of gymnemic acid in callus cultures of *Gymnema sylvestre* (R.Br).	*African Journal of Biotechnology*.	1684-5315	12	
2010	*In vitro* regeneration of *Moringa oleifera*	*Journal of Indian Botanical Society*.	0019-4468	02	
2010	Floral vasculature and morphology of *Ochna serrulata* (hochst.) Walp.	*Journal of Indian Botanical Society*.	0019-4468	03	

(d) Chapter/Paper Published in Edited Books

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN	DOI	Citation Google/ web of science
National	International							
	International	Molecular Breeding for Sustainable Crop Improvement	Genetic Improvement of Sugarcane Through Conventional and Molecular Approaches	Springer International Publishing Switzerland	2016	978-0-319-27090-6		08
National		Wheat A Premier Food Crop	Wheat Cytogenetics: Present Status & Future Prospective	Kalyani Publisher,Rajender Nagar, Ludhiana	2017	978-93-272-0000-0		06
	International	Recent Advancement in White Biotechnology Through Fungi, Fungal Biology	Synthetic Biology: A Novel Approach for Pharmaceutically Important Compounds	Springer Nature Switzerland AG	2019	8-3-030-10480-1	0.1007/978-3-030-14846-1_16.	01
	International	Microbial Diversity, Interventions and Scope	Extremophile Microorganisms and Their Industrial Applications	Springer, Singapore Pte Ltd	2020	9 78-981-15-4099-8	10.1007/978-981-15-4099-8_10	
	International	Microbial Biotechnology	Microbial Community Present on	Springer, Singap	2020	978-981-15-	10.1007/978-981-15-	

		Approaches to Monuments of Cultural Heritage	the Reverse Side of a Deteriorated Canvas	ore Pte Ltd.		3401-0	3401-0_1	
	International	Soil Microbiomes for Sustainable Agriculture, Sustainable Development and Biodiversity 27	Fe Chelation and Zinc Solubilization: A Promising Approach for Cereals Biofortification	Springer Nature Switzerland AG	2021	97 8-3-030-7350 7-4	10.1007/978-3-030-73507-4_6.	04
	International	Plant Receptor-Like Kinases, Role in Development and Stress	SNF1-related protein kinase in plants: roles in stress response and signalling	Elsver, USA	2023	978-0-323-9059 4-7	10.1016/B978-0-323-90594-7.00001-6	02
	International	Biofortification for Nutrient-Rich Crops	Dietary Fiber: Balancing Taste and Health–Can We Have Both?:	CRC Press.	2025		DOI:10.1201/10.1201/9781032690636	12

(e) Invited as Resource Lectures Person/Examiner/Expert 1

Resource person	Detail of Event	Title of Lecture	Date	Institution
Invited Lecture	International Symposium on "100 Years of Wheat Cytogenetics: Its Impact on Crop Improvement"	Molecular Cytogenetics assisted biofortification of wheat with iron and zinc	03/11/2018 to 04/11/2018	CCS University, Meerut
Invited Lecture	Training programme on "Agripreneurship"	Role of Tissue Culture for the production of commercial planting stock	17/11/2018 to 17/11/2018	CCS HAU, Hisar
Invited Lecture	Training programme on "Agripreneurship"	Role of Tissue Culture for the production of commercial planting stock	20/02/2019 to 20/02/2019	CCS HAU, Hisar

(f) **Seminars/Conferences/Workshops Organized**

1. As course Director organized an International Workshop Cum-Hands-On-Training on "Genome Editing Approaches for Crop Improvement" from May 23 To June 06 2022, Sponsored by SPARC, Ministry of Education Govt. of India & Organized by the Department of Molecular Biology, Biotechnology & Bioinformatics, CCS HAU, Hisar
2. As course coordinator organized an ICAR Winter School on "Biofortification of Staple Foo crops Through Conventional & Molecular Approaches" from January 03-23, 2022, Sponsored by ICAR, New Delhi & Organized by the Department of Molecular Biology, Biotechnology & Bioinformatics, CCS HAU, Hisar
3. As course coordinator organized a Workshop cum Hands-on Training on "Recent Trends in Bioinformatics & Its application in Modern Biotechnology" (February 17-19, 2015) Sponsored & Organized by Uttarakhand Council for Biotechnology, Haldi, Uttarakhand.
4. As course coordinator organized a Workshop cum Hands-on Training on "Role of Plant Tissue Culture in Crop Improvement" (May 18-19, 2015) Sponsored & Organized by Uttarakhand Council for Biotechnology, Haldi, Uttarakhand.
5. As course coordinator organized a Workshop cum Hands-on Training on " Recent Trends in Bioinformatics & Its application in Modern Biotechnology" (June 09-11, 2015) Sponsored & Organized by Uttarakhand Council for Biotechnology, Haldi, Uttarakhand
6. Seminar-cum-Workshop on "Bioresource conservation & utilization" (March 27-29, 2009) sponsored by CPE (UGC) and organized by Chaudhary Charan Singh University, Meerut. (U.P)
7. Workshop on **"Techniques for** *in vitro* **Pharming, isolation and characterization of secondary metabolites for the sustenance of medicinal plants"(**March07-12,2011) sponsored by DBT and organised by the Department of Botany, C.C.S. University, Meerut
8. National Workshop on **"Tissue Culture Techniques"** (Jan. 12, 2008) sponsored by CPE (UGC)and organized by the Department of Botany, R.G. (P.G.) College, Meerut, U.P.
9. Participated in Theoretical and practical course on "**Insecticidal proteins: Application and Regulatory issues**" (Nov. 12-23, 2007). Organized by International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India.
10. Participated in workshop on Theoretical and practical course on **"Transgene Expression in Plants**" **(**Nov.03-14, 2008). Organized by International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India.
11. Participated in a training programme on "**Capacity Building in Plant Taxonomy**" (Sep.27- Oct. 8, 2010. Organized by Botany Division, Forest Research Institute, Dehradun. Sponsored by the Department of Science and Technology, Government of India, New Delhi.
12. Participated in Workshop on **"Recombinant DNA Technology"** (June. 03-12, 2005) organized by 'Central Facility for Biotechnology Teaching and Research', Daniel Model School Campus, Palkalie Nagar East, Madurai-625021, Tamil Nadu.
13. Participated in Workshop on **"Scientific Paper Writing"** organised by 'The National Academy of Science India (NASI). From October 22-24, 2011 at Allahabad.

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
2017	*In vitro* multiplication and cultivation of Kiwifruit (Actnidia deleciosa) cv. Haward in selected areas of Uttarakhand.	Uttarakhand Council for Biotechnology, Department of Biotechnology, Govt. of Uttarakhand	2919200.00	December, 2014	June, 2017
2019	Setting up of Plant Tissue Culture Unit	MIDH, ICAR, New Delhi	25000000.00	August, 2019	December, 2022
2019	Application of CRISPR/Cas9genome editing technique for development of low	SPARC-MHRD, Govt. of India in collaboration of University of	9655800.00	March, 2019	March, 2023

	silicone rice suitable for paddy straw management	Massachusetts, Amherst, USA			
2019	Establishment of Facility for Virus Diagnosis and Genetic Fidelity Testing of Micro- propagated Horticulture Crops	RKVY (RAFTAAR), ICAR, New Delhi	2130000.00	June, 2019	March, 2022
2026	Use of Advanced Material for the enhancement of Biofuel Production	ANRF, PAIR, New Delhi	1036.00	January, 2026	Ongoing
2026	VAIBHAV Project	DST, Govt. of India	60.00	March, 2026	Ongoing
2026	"CRISPR/Cas9-Mediated Genome Editing of Arsenic Transporter Genes for the Development of Low-Arsenic Rice to Enhance Food Safety	CSTUP, Lucknow	15.36	January, 2026	Ongoing
2025	Biofortification of wheat for dietary fiber through conventional and molecular approaches.	UP Council of Higher Education and Research, Lucknow	15.00	November, 2024	Ongoing

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
Hostel Warden	CCS University, Meerut	28/08/2010	28/09/2011
Hostel Warden	CCS Haryana Agricultural University, Hisar	04/01/2018	12/08/2020
Coordinator, Tissue Culture Centre	CCS Haryana Agricultural University, Hisar	14/01/2019	12/06/2023
Member of Board of Studies	CCS University, Meerut, Subject Botany	15/06/2023	Till Date
Dean, Faculty of Agriculture Science & Technology	MJP Rohilkhand University, Bareilly	05 June, 2025	Continue
Head, Department of Bioinformatics & Computational Biology	MJP Rohilkhand University, Bareilly	20 June, 2025	Continue
Additional Director Research	MJP Rohilkhand University, Bareilly	September, 2023	October, 2024

Additional Director International Relations	MJP Rohilkhand University, Bareilly	October, 2024	Continue
Convener Board of Studies, Plant Science	MJP Rohilkhand University, Bareilly	September, 2023	Continue
Convener Board of Studies, Bioinformatics	MJP Rohilkhand University, Bareilly	September, 2023	Continue
Convener Board of Studies, Agricultural Sciences & Technology	MJP Rohilkhand University, Bareilly	September, 2023	Continue
Member Executive Committee (EC),	MJP Rohilkhand University, Bareilly	September, 2025	Continue
Member of Examination Committee	MJP Rohilkhand University, Bareilly	September, 2025	Continue
Member of Committee	Establishment of New Faculty of Agriculture Science and Technology, MJP, Rohilkhand University Campus, Bareilly	October, 2023	Continue
Member of Committee	Establishment of New Department of Bioinformatics & Computational Biology, MJP, Rohilkhand University Campus, Bareilly	October, 2023	Continue
Member Board of Studies, Botany	CCS University, Meerut	June, 2023	Continue

(i) Trainings/Workshops Organized

1. As course director organized an Indo-US Joint International Workshop cum Hands-on Training on "Genome Editing Approaches for Crop Improvement" Sponsored by SPARC, Ministry of Education, Govt. of India and Organised by Department of Molecular Biology, Biotechnology & Bioinformatics, CCS Haryana Agricultural University, Hisar from May 23 to June 06, 2022.
2. As Organizing Secretory organized an Indo-US Joint International Workshop cum Hands-on Training on "Use of Advanced Biotechnological Techniques for Crop Improvement" Sponsored by SPARC, Ministry of Education, Govt. of India and Organized by Department of Molecular Biology, Biotechnology & Bioinformatics, CCS Haryana Agricultural University, Hisar from June 24 to July 03, 2022.
3. As Organizing Secretory Organized Workshop cum Hand-on-Training on Recent Trends in bioinformatics and Its Application in Crop Improvement Organized by Department of Molecular Biology, Biotechnology & Bioinformatics, CCS Haryana Agricultural University, Hisar from July 17-21, 2022.
4. As course coordinator organized a Workshop cum Hands-on Training on "Role of Plant Tissue

Culture in Crop Improvement" (May 18-19, 2015) Sponsored & Organized by Uttarakhand Council for Biotechnology, Haldi, Uttarakhand.

5. As course coordinator organized a Workshop cum Hands-on Training on "Recent Trends in Bioinformatics & Its application in Modern Biotechnology" (February 17-19, 2015) Sponsored & Organized by Uttarakhand Council for Biotechnology, Haldi, Uttarakhand.

(j) Memberships of Academic/Professional Bodies

Member of International Society of Microscopy

(k) Participation in Community Service / Exchange Programme / Consulting Activity

Nil

(l) International Academic Exposure

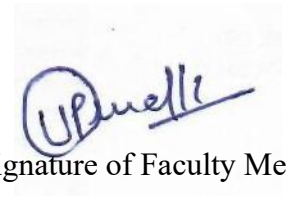
Visiting Scientist, University of Massachusetts, Amherst, USA, 2022

Post-doctoral Fellow, Kihara Institute of biological Research, Yokohama University, Japan, 2013

Visited Amsterdam, Netherlands to present a paper in international Conference, 2019

Visited, Perth, Australia, to present a paper in 3rd international Wheat Conference, 2024

(m) Any Other Details



Signature of Faculty Member