



Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr	First Name	Dhanendra Kumar	Last Name	Agnihotri	Photograph
Designation	Assistant Professor					
Department	P. G. Department of Botany					
Address	(Campus)	Constituent Government PG College, Hasanpur Distt. Amroha (UP) Pin: 244241				
	(Residence)	C/O Mr Sunil Kumar Agnihotri (ADGC, Civil Court) Near Lions School, Shakti Nagar Chandausi Distt. Sambhal (UP)				
Phone No	(Campus)	7983369090, 9412866069				
	(Residence)					
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Email	agnihotri.drkd@gmail.com					
Web-Page	LinkedIn: https://www.linkedin.com/in/dr-dhanendra-agnihotri-24a7a9289/ Orcid: https://orcid.org/0009-0004-1980-7143 Google Scholar: https://scholar.google.com/citations?user=pTjU_b4AAAAJ&hl=en					
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
Ph.D (Botany)	Department of Botany, School of Life Sciences, Dr Bhim Rao Ambedkar University, Agra (UP)	2009	Ethrel induced male sterility in some members of Solanaceae			
M.Phil (Botany)	Department of Botany, School of Life Sciences, Dr Bhim Rao Ambedkar University, Agra (UP)	2003	Induction of male sterility in tobacco (<i>Nicotiana tabacum</i> L.) for hybrid seed production			
M.Sc (Botany)	Department of Botany, School of Life Sciences, Dr Bhim Rao Ambedkar University, Agra (UP)	2002	All Prescribed Papers			
B.Sc (ZBC)	SM (PG) College, Chandausi Distt. Sambhal (UP) (MJP Rohilkhand University, Bareilly) UP	1999	Zoology, Botany and Chemistry			
Career Profile						
Organization / Institution	Designation	Duration	Role			
S. M. (PG) College, Chandausi Distt. Sambhal (UP)	Lecturer	17/08/2009 to 15/12/2022	Theory and Practical both			
Constituent Government PG College, Hasanpur Distt. Amroha (UP)	Assistant Professor	16/12/2022 to continue	Theory and Practical both			
Research Interests / Specialization						
Chemical induction of male sterility, Plant Breeding and Reproductive Biology						
Teaching Experience (Subjects/Courses Taught)						
14 years and 06 months (Botany)						
Honors & Awards						
1. Fellow of Botanical Society (FBS) honored by Indian Botanical Society (India) at M.S. University, Vadodara (Gujrat) in 8 th December, 2012.						

2. **PSM National Shiksha Ratan Award** honored by **Prithvi Abhyudaya Association of India (PAAI)** at KIET Group of Institutions, Delhi NCR, Ghaziabad (UP) on 29th May, 2022.
3. **Mother Taresa Gold Madel Award** honored by **Global Economic Progress and Research Association (GEPRA), New Delhi** on Bengaluru (Karnataka) on 27th March, 2022.
4. **International Mission Shakti Award for Beti Bachao-Beti Padhao** honored by **Shanti Foundation Gonda (UP)** on 11th October, 2022.
5. **Guru Shiromani Award** honored by **Prithvi Abhyudaya Association of India (PAAI)** by online event for the year 2022-2023.

Publications /Academic Activities (Numbers Only)									
Books & Monographs (Single Author)		Research Papers Published in International Journals	02	Papers Presented in Seminars/ Conferences	17	Seminars/ Conferences Organized		Research Projects (Completed)	
Books (Co-authored)	01	Research Papers Published in Other Journals	11	Seminar/ Conferences Attended	14	Workshops Organized	01	Research Projects (Ongoing)	
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	30	Sessions Chaired in Seminars/ Conferences		Membership of Academic/ Professional Bodies	01	Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books	07			Resource Lectures Delivered	01				

Details of Publications /Academic Activities (2010 Onwards)

Books / Monographs:				
Year of Publication	Title	Publisher	ISBN	Co-Author (s) (if any)
2023	Environmental Science: Concept and Applications	Infinite Research Tripathi, Chittoorr Andhra Pradesh (India)	97881965 81275	As Author No. 02

(b) Papers Published in Indexed/ Peer Reviewed Journals:

Year of Publication	Title	Journal	ISSN/ Indexing	Co-Author (s) (if any)
2004	Induction of male sterility in <i>Nicotiana tabacum</i> L. by the treatments with a detergent-Surf excel	National Journal of Life Sciences	0972-995X	SVS Chauhan
2005	Ethrel induced male sterility in okra (<i>Abelmoschus esculentus</i> L.)	Journal of Cytology and Genetics	0253-7605	SVS Chauhan
2005	Detergent induced pollen sterility in some vegetable crops	International Journal of Horticulture Science	1585-0404	D K Agnihotri
2005	Efficacy of Benzotriazole as a chemical hybridizing agent in Chilli, Cotton and Radish	Indian Journal of Genetics	0019-5200	D K Agnihotri and H K Gupta
2005	Ethephon induced male sterility in <i>Cicer arietinum</i> L., <i>Lens culinaris</i> L., <i>Lycopersicon esculentum</i> Mill. And <i>Nicotiana tabacum</i> L.	Journal of Indian Botanical Society	0019-4468	D K Agnihotri, H K Gupta And S Bansal
2005	Effect of benzotriazole on pollen fertility and anther development in <i>Datura alba</i> L.	Journal of Plant Science Research	0970-2539	D K Agnihotri
2006	LM and TEM studies in ethrel induced male sterility in Okra (<i>Abelmoschus esculentus</i> L.)	Proceeding of National Academy of Science, Allahabad	0369-8211	D K Agnihotri

2007	Efficacy of ethrel (2-Chloroethyl phosphonic acid) as a Chemical hybridizing agent in red pepper (<i>Capsicum annuum</i> L. var. Pusa jwala)	International Journal of Horticulture Science	1585-0404	SVS Chauhan
2007	Evaluation of surf excels- A detergent as chemical hybridizing agent in radish (<i>Raphanus sativus</i> L.)	Indian Journal of Genetics	0019-5200	Neeta Singh and SVS Chaunan
2007	Degeneration of tapetal cell mitochondria associated with pollen sterility in ethrel induced male sterility in <i>Lycopersicon esculentum</i> Mill.	National Journal of Life Science	0972-995X	SVS Chauhan
2007	Abnormal behavior of tapetal mitochondria associated with pollen abortion in detergent induced male sterile <i>Raphanus sativus</i> L.	Journal of Indian Botanical Society	0019-4468	D K Agnihotri and Neeta Singh
2008	Ethrel induced changes in floral morphology, yield, pollen sterility and anther development in tobacco (<i>Nicotiana tabacum</i> L.)	Journal of Phytological Research	0970-5767	SVS Chauhan
2013	Efficacy of ethrel as a chemical hybridizing agent in Chilli (<i>Capsicum annuum</i> L.)	Research Progress	2320-5350	S K Shukla

(c) Articles:

Many Articles published in newspapers related to **World Environment Day, Biodiversity Conservation Day, Soil Day, Water Conservation Day, World Ozone Day, Earth Day** and **Climate Situation** as well as participated in many debates organized by **Danik Jagran, Chandausi (Sambhal)**.

Chapters in Edited Books:

1. Chauhan, S.V.S.; **Agnihotri, D. K.** and Singh, Vandana (2007). **Some new male gametocides: A Review.** In Plant Reproductive Biology and Biotechnology. S.V.S. Chauhan, Anita Rana and Seema Chauhan (eds.). Aavishkar Publication, Jaipur (Rajasthan) Page No. 210-221. (ISBN: 8179101940)
2. **Agnihotri, D. K.** (2021). **Effect of Lockdown during Covid-19 Pandemic on Their Environment: A Review.** In Environmental Science: A Multidisciplinary Science. Sweety Singh (eds.). Nitya Publication G-3, Gulmohar, Bhopal (MP) Page No. 86-92. (ISBN: 9789391257101)
3. **Agnihotri, D. K.** (2022). **Role of IQAC in Higher educational Institutions in India at present scenario: A Review of Literature.** In Preparing Annual Quality Assurance Report (AQAR) for NAAC. N. D. Chaudhary and S. S. Hasani (eds.). Harshwardhan Publication Pvt. Ltd., Limbaganesh Distt. Beed (Maharashtra) Page No. 108-114. (ISBN: 9789392584336)
4. **Agnihotri, D.K.** (2022). **Efficacy of Covid-19 pandemic related lockdown on Environment and Climatic conditions: A Review of Literature.** In Jambhani Darshan Avam Paryavarn. O.P. Bishnoi and Om Prakesh (eds). Bhawani offset Publication, Jodhpur Page No. 47-53. (ISBN:9789393265258)
5. **Agnihotri, D.K** and Agnihotri, Pravin Kumar (2023). **Effect of climatic changes on living organism including Plants, Animals and Human beings.** In Environment, Economy and Judiciary. Mamta Sharma, Hukam Singh and Upendra Singh (eds). Pustak Bharati, Toranto (Canada) Page No. 168-176. (ISBN: 9781989416877)
6. **Agnihotri, D.K.** (2023). **Chemical induction of male sterility in some crops for hybrid seed production.** In Cytogenetics of Plants and its recent approaches. Suchita Srivastava (ed.) Page No.105-111 (ISBN: 9788119622726)
7. **Agnihotri, D.K.** (2023). Awareness of Environmental Education and its Law. In Jambhani Darshan Avam Paryavarn. O.P. Bishnoi and Om Prakesh (eds). Bhawani offset Publication, Jodhpur (In Press).

(d) Seminar/Conference Paper Presentations:

1. Participated and Presented Paper in 26th Annual Conference of Indian Botanical Society held at Jamia Hamdard (Hamdard University) New Delhi on dated 29-31 December, 2003

2. Participated and Presented Paper in 27th Annual Conference of Indian Botanical Society held at S K University, Anantpur (Andhra Pradesh) on dated 29-31 October, 2004.
3. Participated and Presented Paper in 28th Annual Conference of Indian Botanical Society held at Botanical Survey of India, Northern Circle, Dehradun (Uttarakhand) on dated 24-26 October, 2005.
4. Participated and Presented Paper in 29th Annual Conference of Indian Botanical Society held at Mohan Lal Sukhadia University, Udaipur (Rajasthan) on dated 09-11 October, 2006.
5. Participated and Presented Paper in 34th Annual Conference of Indian Botanical Society held at Lucknow University, Lucknow (U.P.) on dated 10-12 October, 2011.
6. Participated and Presented Paper in National Seminar and Symposium sponsored by DST and ICAR, New Delhi held at School of Life Sciences, Dr Bhim Rao Ambedkar University, Agra (UP) on 19-20 December, 2004.
7. Participated and Presented Paper in National Seminar and Symposium sponsored by DST and UGC, New Delhi held at School of Life Sciences, Dr Bhim Rao Ambedkar University, Agra (UP) on 01-02 December, 2008.
8. Participated and Presented Paper in National Seminar on “Environmental Changes and Sustainable Development: Issue and Challenges” organized by S. M. College, Chandausi Distt. Sambhal (U.P.) on dated 14-15 December, 2017.
9. Participated and Presented Paper in Three Days “Interdisciplinary Seminar” organized by I.Q.A.C., S. M. College, Chandausi Distt. Sambhal (U.P.) on dated 25-27 September, 2019.
10. Participated and Presented Paper in 10 days National Workshop on Research Methodology organized by Research Advisory Committee and IQAC of S M (PG) College, Chandausi Distt. Sambhal (UP) on dated 05-14 January, 2022.

Seminar/Conference attended only:

11. One day workshop on “In Present Context of Wild Life Conservation, Protection and Management” held at National Chambal Wild Life Sanctuary Project, Agra on dated 12 March, 2003.
12. National Seminar and Symposium sponsored by DST, New Delhi organized by “The Society of Plant Reproductive Biologists” held at Dr M.P.S. Memorial Group of Colleges, Sikandra, Agra (UP) on dated 07-08 November, 2009.
13. State level Seminar/Awareness workshop on “Skill Development and Quality Enhancement in Higher Education” organized by Department of Higher Education, Uttar Pradesh and U.P., State Council of Higher Education held at Dr Ram Manohar Lohiya National Law University, Lucknow (UP) on dated 22 December, 2014.
14. University level workshop on “Quality Education: An investment For Future” organized by M.J.P. Rohilkhand University, Bareilly (U.P.) on dated 13-15 February, 2015.

On line Presentation in E-Seminar/E-Conferences:

01. Participated and Present Research Paper on “**Covid-19: A Global Issue**” organized by Faculty of Science, Ranvir Rananjay P G College, Amethi (UP) on dated 23 and 24 May, 2020.
02. Participated and Present Research Paper on “**Effect of lockdown during Covid-19 Pandemic on Their Environment**” on the occasion on World Environment Day organized by Dominant College of Education, Dausa (Rajasthan) on dated 05 June, 2021.
03. Participated and Presented Research Paper on “**Research Methodology and its Type**” in 10 days online workshop on Research Methodology organized by Research Advisory Committee IQAC-NAAC of S M College, Chandausi Distt. Sambhal (UP) on dated 05-14 January, 2022.
04. Participated and Present Research Paper on “**Awareness of Aquaculture for Rural Development in India**” in one day online International Conference of Aquaculture organized by Department of Zoology, Dada Patil Arts, Science and Commerce College, Adinathnagar Distt. Ahmadnagar (Maharashtra) on dated 07 May, 2022.
05. Participated and Present Research Paper on “**Role of IQAC in Higher Educational Institution in India at**

Present Scenario” in one day online national level webinar on Preparing AQAR (Annual Quality Assurance Report) organized by NTVS, College of Law, Institute of Legal Education and Research, Nandurbar (MS) and NAAC, Bengaluru on dated 07 June, 2022.

06. Participated and Presented Paper on **“Efficacy of Covid-19 Pandemic related lockdown on Environment and Climatic Condition: A Review of Literature”** in two days online International level E-Conference on the occasion of World Environment Day organized by Guru Jambheshwar Environment Conservation Research Chair, Jai Narain Vyas University, Jodhpur (Rajasthan) on dated 05-06 June, 2022.

07. Participated and Presented Paper on **“Awareness of Environmental Education and its Law: A Review”** in two days online International level E-Conference on the occasion of World Environment Day organized by Guru Jambheshwar Environment Conservation Research Chair, Jai Narain Vyas University, Jodhpur (Rajasthan) on dated 05-06 June, 2023.

08. Participated and presented paper on **“Role of teacher in higher education institutions in India”** in one day online national seminar organized by Soka Ikeda College of Arts and Science for Women on dated 13-oct. 2023.

(e) Resource Lectures Delivered:

Participated in one day national level E-Seminar as a Resource Person on topic **“Quality in Teacher Education”** organized by **Ram Krishna Vivekanand College of Education, Bagodar Giridih (Jharkhand)** on dated 14/02/2021.

(f) Seminars/Conferences/Workshops Organized:

Worked as a Deputy Organizing secretary in 10 days workshop **“Research Methodology”** organized by Research Advisory Committee and IQAC of S M (PG) College, Chandausi Distt. Sambhal (UP) on dated 05-14 January, 2022.

(g) Public Service / University Service / Consulting Activity:

(h) Memberships of Academic/Professional Bodies:

Life Member of Indian Botanical Society (IBS) from 2005

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

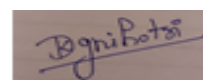
Administrative Positions/Assignments Held:

Internal Subject Expert in **Vocational Subject “Plant Pathology”** in MJP Rohilkhand University, Bareilly according to NEP-2020.

Academic Foreign Visits:

Any Other Details:

1. Member of **various admission committee** of college (UG and PG both)
2. Active member of **IQAC Cell** of College
3. University **internal and external examiner** from 2015 to onward
4. Ex-Member of **Proctorial team** of college 2018
5. **Assistant Superintendent (AS) in University B.Ed Examination (2018-2019)** and **main examination 2022-2023** and **invigilation duties** in main university examination 2009 to onwards
6. MJP Rohilkhand University, Bareilly Main examination evaluation work from 2015 to onward
7. **02** Online Participated in one week **Refresher course on NEP-2020**
8. Online Participated in more than **75 Faculty Development Development Programme on NAAC related, NEP-2020 and Research Methodology** etc.
9. Participating in departmental seminar, group discussion, chart and model discussion, quiz competition and Science Exhibition etc
10. Participated in more than 10 Short Term Training Program (STTP) in **Biodiversity Conservation and Environment, Yoga Protocol Training, Kitchen Gardening, etc.**



**Signature of Faculty Member
(Dr Dhanendra Kumar Agnihotri)**