

**Name** : Dr. Beena Kumari  
**Qualification** : M.Sc., Ph.D., LL.B.  
**Designation** : Associate Professor  
**Department** : Botany  
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### **Employment in Hindu College Moradabad:**

- 1. Date of First Joining:** 26 Oct.1998 (G.O. 467/sattar-2-98-3(19)/93 TC dated 7 April, 1998) U.P. Higher Edu. Allahabad, on Mandey scale (4 years & 4 months)
- 2. Permanent (in continuance)** 26 Feb 2003

**Fields of Specialization under the subject:** Angiosperms Taxonomy & Ethnobotany

### **Teaching Courses for UG/ PG classes:**

- 1 Taxonomy and Morphology of Angiosperms, Ethnobotany -- (M.Sc. (F.))
2. Phycology (Systematic, Structure and Reproduction)- M.Sc. (P.)
3. Plant Resources Utilization & Biostatistics--(B.Sc. III)
4. Diversity of Angiosperms-- (B.Sc. II)
5. Diversity of Algae and Lichens--( B.Sc.I)

### **Professional Trainings:**

**1. Orientation Program:** Participated and successfully completed O.P. with 'A' grade. University of Allahabad. (2004)

### **2. Refresher Courses:**

- Participated and successfully completed SRC with 'A' grade. (A.M.U.) Aligarh. S.R.C.: Life Science/ Molecular Biology (2008).
- Participated and successfully completed SRC with 'A' grade. (Allahabad University) S.R.C.: Botany: Plants and Environment (2012).

### **Computer Skill**

MS Office, Computer Network and Internet technology

### **Experimental Skill**

**Chromatography Techniques:** Institute of Biotechnology, G.B.P. University of Agriculture & Technology, Patwadangar, Nainital (UK).

### **Trainings/workshops:**

- DST sponsored *Capacity Building in Plant Taxonomy* conducted by the Botany Division, FRI Dehradun from 27 Sept. -08 Oct. 2010.
- UGC sponsored ICT (*Information & Communication Technology*) at University of Lucknow from 5- 10 Nov, 2012.
- DST sponsored *Climate Change, Forest Ecosystems and Biodiversity: Vulnerabilities and Adaptation Strategies* at ICFRE, Dehradun from 17– 21 December 2012.
- DST sponsored on *Biodiversity Conservation* from 18- 22 Feb, 2013 at Wildlife Institute of India, Dehradun.
- UCOST *Regional workshop on Protection of R&D outcome through intellectual property rights* held on 27 March 2017 at Rudrapur (UK).

### **Life Membership of Professional Bodies/ Referee:**

- [1] **Phytotaxonomy** (Association for Plant Taxonomy), an annual journal of Forest Research Institute (FRI), Dehradun (Uttarakhand).
- [2] **Plant Archives**. An International Journal of Plant Research, India.
- [3] **Advances in Plant Sciences**. An International Biannual Research Journal, India.
- [4] **The Journal of Rural and Agricultural Research**. Agra. (India)
- [5] **Refereeing of Research Article** for *Journal of Tree Sciences*- 2015.
- [6] **Refereeing of Research Article** for *ESRI Journal* -2012.

### **Member of Editorial Board in Journals:**

- [1] International Journal of Botany Studies [ISSN: 2455-541X] (Web of Science indexed journal) (Impact Factor: 5.12)
- [2] International Journal of Agriculture and Plant Science [Online ISSN: 2664-7664; Print ISSN: 2664-7656]
- [3] International Journal of Agriculture and Nutrition [Online ISSN: 2664-6072; Print ISSN: 2664-6064]
- [4] International Journal of Food Science and Nutrition [ISSN: 2455-4898]
- [5] International Journal of Agriculture and Food Science [Online ISSN: 2664-8458; Print ISSN: 2664-844X]

### **Fellowships: UGC New Delhi**

- Ecological studies of angiospermic families of Moradabad with reference to urban development (2008)

- Angiospermic diversity with reference to edaphic characteristics of the polluted industrial areas of three districts of Rohilkhand region (U.P.) (2011)

### **Research Publications:**

- **Beena Kumari (2009)**. Alien invasive plant species of district Moradabad (UP), India., *Plant Archives*, 9 (2): 723-724, ISSN:0972-5210, UGC: Group-A (Scopus-365), NAAS: 4.41.
- Paliwal, A.K. and **Beena Kumari (2009)**. Angiospermic Dicots's havoc by *Cuscuta* spp. of Bageshwar District in Kumaon of Uttarakhand. *Advances in Plant Sciences*, 22 (ii): 573-574. ISSN:0970-3586, UGC approved [Web of Science Journal], Impact Factor: 2.90
- **Beena Kumari** and Neetu Singh (2009). Screening of invasive flora used medicinally by rural people in Moradabad district (U.P.), *The J. of Rural & Agri. Research*, 9 (1): 55-56, ISSN (e):2348-6643, ISSN (p):0972-4370.
- **Beena Kumari**, A. Khare and A.K. Paliwal (2010). Phytosociological analysis as inferred from soil analysis of two disturbed areas of the Moradabad district of U.P., India. *Plant Archives*, 10 (I): 421-424. ISSN0972-5210, UGC: Group-A (Scopus-365); NAAS: 4.41.
- **Beena Kumari** and Ajai Kr. Paliwal (2010). "Ficus species in Moradabad district (U.P.): Diversity and Indigenous Uses" Proceedings of State Level Conference on "Role of Science and Technology in the Development of Uttarakhand State, 25-26 Oct, 2010, Govt. P.G. College, Bageshwar, Uttarakhand. p. 213-217.
- **Beena Kumari (2010)**. A preliminary survey on wild medicinal plants of Moradabad district (U.P.), *The J. of Rural & Agri. Research*, 10 (1): 26-29, ISSN(e):2348-6643, ISSN (p):0972-4370.
- **Beena Kumari**, Preeti Sharma and A.K. Paliwal (2010). A Survey of useful aquatic angiosperms of Moradabad district in Uttar Pradesh, India. *Advances in Plant Sciences*, 23 (ii): 587- 591, ISSN: 0970-3586, UGC approved [Web of Science Journal], Impact Factor: 2.90 [NAAS ID-068 NAAS Rate- 2.80]
- Paliwal, A.K., Gyatri Prasad, Rajesh Nautiyal, D.P. Paliwal, Mahesh Kumar, M.P.S. Parmar, **Beena Kumari (2010)**. Biodiversity of Recommended Bee-forage Angiospermic Plantation from Bageshwar District of Uttarakhand. Proceedings of Life Sciences- An Approach to Environmental and Biodiversity Conservation in

Himalayas.17-19Feb, 2010, Govt. Degree College, Karanprayag (Chamoli). Uttarakhand, pp. 76-77.

- Paliwal, A.K., **Beena Kumari**, Usha Yadav, D.P. Paliwal, M.M. Dhasmana, M.P.S Parmar and Deepak Kumar (2010). “Angiospermic monocotyledons of Bageshwar district of Uttarakhand State” in State Level Conference on “Role of Science and Technology in the Development of Uttarakhand State” 25-26 Oct, 2010, Govt. P. G. College, Bageshwar, Uttarakhand., pp. 158-175.
- **Beena Kumari** and P.M. Kala (2011). Medicinal weeds of crop fields and role of women in rural health and hygiene in Moradabad district, Uttar Pradesh. *ESRI Journal*, 2: 117-119, ISSN: 0975-7635.
- **Beena Kumari** and A.K. Paliwal (2011). Angiospermic Tree Species of Moradabad District of Uttar Pradesh. *Advances in Plant Sciences*, 24(i): 279-281, ISSN:0970-3586, UGC approved [Web of Science Journal], Impact Factor: 2.90.
- **Beena Kumari** (2011). Distribution of Parthenium weed (*Parthenium hysterophorus* L.), an alien invasive weed species threatening the biodiversity of Moradabad (U.P.). Proceedings of National Conference on Recent Advances in Plant Sciences, D S. College, Aligarh. 15 -16 Oct, 2011, pp. 117-123.
- Paliwal, A.K., **Beena Kumari**, Veena Dixit, Chandrkanta and Usha Yadav (2011). Floral biodiversity of Lily family in Bageshwar District of Uttarakhand. *Journal of Plant Development Sciences*, 3(3&4): 327-328, ISSN(e): 2348-9170. NAAS: 4.57.
- **Beena Kumari** (2012). Present scenario of Alien invasive plant species in Amroha, Rampur and Moradabad districts of Rohilkhand region of U.P. *International Journal of Biological technology*, special issue 2012, p.20-24, ISSN:0976-4313 (www. gbtrp.com)
- **Beena Kumari** and Iqbal Habib (2012). Taxonomic studies of new sedge flora of Moradabad district of U.P., India. *Nature and Biosphere*, 17(1& 2): 14- 17, ISSN:0972-1843.
- **Beena Kumari** (2012). Income generation through cultivation of *Aloe vera* Linn –by rural women in Harthala village of Moradabad district of Uttar Pradesh, India. *ESRI Journal*, 3 (2): 81-83, ISSN:0975-7635.
- Meghwal, P. R., P. Lal, **Beena Kumari** and P.C. Khatri (2012). Floral morphology and ethano-medicinal importance of *Cistanche tubulosa*- a root parasite growing in Churu region, a part of the Thar desert. *Life Sciences Leaflets*, 12:23-28, ISSN(e):0976-1098, ISSN(p):2277-4297, NASS. 3.98.

- **Beena Kumari (2013).** Plants used by rural communities of J. P. Nagar (Amroha) district of Rohilkhand region, U.P. *Journal of Basic and Applied Biology* (Special issue published in communication of the United Nations decade of Biodiversity-(2011-2020). pp.68-77.
- **Beena Kumari (2013).** Studies on pollution tolerant aquatic angiosperms of Moradabad district of Rohilkhand region of U.P. (India) with reference to water environment. *Journal of Sustainable Environmental Research*, 2 (2): 01-11, ISSN:2278-196X.
- **Beena Kumari and A. K. Paliwal (2014).** Commercial farming of Sarpagandha (*Rauvolfia serpentina* (L.) Benth. ex Kurz.), a high value medicinal herb to uplift socioeconomic status of rural populace of Moradabad district of Rohilkhand Region of Uttar Pradesh. Recent Trends in Plant Science, International Science Congress Association, www.isca.in, www.isca.co.in. (PDF), pp.94-99.
- **Beena Kumari (2015).** Some new records of Poaceae in Moradabad district of Rohilkhand region of Uttar Pradesh, India. *Journal of Plant Development Sciences*, 7(7): 573-577, ISSN(e): 2348-9170. NAAS: 4.57.
- **Beena Kumari (2015).** Study of medicinal angiosperms of Rampur district (UP), India with special reference to their sustainable use. International ePublication, www.isca.me, [www.isca.co.in](http://www.isca.co.in) (PDF), pp.121-127.
- **Beena Kumari, Shiv Pratap Singh, and Anupam Pratap Singh (2015).** Floristic survey and phytosociological analysis of roadside communities of NH-24 of Moradabad district. *Journal of Plant Development Sciences*, 7(12): 881-884, ISSN(e): 2348-9170. NAAS: 4.57.
- Iqbal Habib, **Beena Kumari** & U.K. Chaturvedi (2016). Ecological studies on river ganga at Budaun. Uttar Pradesh. Proceedings of National seminar on Independent India: Retrospection and Future prospects,17-18 Dec.2016. Govt. P G College, Budaun. U.P. pp 83-84.
- **Beena Kumari, SP Singh, AP Singh, Raj Kumar, SP Verma (2016).** A preliminary survey of invasive alien angiosperms of Rohilkhand region (U.P.), India, *Plant Archives*, 16(1): 45-50. ISSN: 0972-5210, UGC: Group-A (Scopus-365); NAAS: 4.41.
- Shiv Pratap Singh and **Beena Kumari (2017).** A Preliminary Survey of Aquatic Angiosperms of District J. P. Nagar (Amroha), U. P. With Special Reference to Their Economic Importance. *IJAPSA*. 3(6):1-6. ISSN(e): 2394-5532 Impact Factor: 4.446.

- Anupam Pratap Singh and **Beena Kumari**. (2017). Diversity, Distribution and Uses of Invasive Alien Angiosperms of Rampur District (U.P.), India. *International Journal of Applied and Pure Science and Agriculture*. 3(6):33-37. ISSN(e): 2394-5532, Impact Factor: 4.446.
- Rajkumar and **Beena Kumari** (2017). Medicinal Grass Resources from Sambhal District of Rohilkhand Region (U.P.), India. *International Journal of Applied and Pure Science and Agriculture*. 3(6):56-60. ISSN(e): 2394-5532, Impact Factor: 4.446.
- **Beena Kumari** (2017). Medicinal angiosperms diversity of Rohilkhand Region (U.P.) to cure some common human diseases. India. *International Journal of Applied and Pure Science and Agriculture*. 03(9):46-54, ISSN(e): 2394-5532, Impact Factor:4.446
- Anupam Pratap Singh, **Beena Kumari** (2017). Parthenium invasion in Rampur District of U.P.–An unrecognized threat. pp. 5-8, ISSN: 2347 – 3258. <http://www.ijari.org>
- Shiv Pratap Singh, **Beena Kumari** (2017). A study of family Cyperaceae from JP. Nagar (Amroha) district of Uttar Pradesh, *International Journal of Botany Studies*, 2(5): 86-88. ISSN: 2455-541X, UGC: (Web of Science); RJIF 5.12
- Shiv Pratap Singh, **Beena Kumari** (2017). Monographic study of *Eichhornia crassipes* (Mart.) Solms. *International Journal of Botany Studies*, 2;(6):196-199. ISSN: 2455-541X UGC: (Web of Science); RJIF 5.12.
- Rajkumar and **Beena Kumari** (2017). Diversity of grass flora of Moradabad district with special reference to their utility. *International Journal of Botany Studies*, 2(6):166-169. ISSN: 2455-541X, UGC: (Web of Science); RJIF 5.12.
- **Beena Kumari** (2018). A preliminary survey of poisonous angiosperms of Rohilkhand region of Uttar Pradesh, India. *International Journal of Botany Studies*, 3(1)1:140-143. ISSN: 2455-541X, UGC: (Web of Science); RJIF 5.12.
- **Beena Kumari**, Shiv Pratap Singh and Krishna Kumar Singh (2018). Angiosperm Diversity of Stress Sites of Moradabad district of Rohilkhand Region (Uttar Pradesh). *International Journal of Advanced Scientific Research and Management*, Special Issue I, Jan 2018. pp. 48-51. ISSN 2455-6378.
- Shiv Pratap Singh and **Beena Kumari** (2018). Grasses of JP Nagar (Amroha) district of Uttar Pradesh. *Journal of Medicinal Plants Studies*, 6(2): 159-161. ISSN (e): 2320-3862, ISSN (p): 2394-0530, Impact Factor- 3.53.
- **Beena Kumari** (2018). Taxonomy and ethnobotany of *Murraya koenigii* (L.) Spreng: An exotic shrub in Rohilkhand region of Uttar Pradesh. *Journal of Medicinal Plants*

*Studies*, 6(4): 123-125, ISSN (e): 2320-3862, ISSN (p): 2394-0530, Impact Factor- 3.53.

- Anupam Pratap Singh and **Beena Kumari (2018)**. A Survey of Tree Flora of Rampur district of Rohilkhand region, (U.P.). *Journal of Medicinal Plants Studies*, 6(4): 169-174, ISSN (e): 2320-3862, ISSN (p): 2394-0530, Impact Factor- 3.53.
- Shiv Pratap Singh, **Beena Kumari** and K. K. Singh (2018). Diversity and Conservation Status of Socio-Religious Angiosperms of Amroha District of Rohilkhand Region (U.P.), India, *International Journal of Advanced Scientific Research and Management*, Special Issue I, Jan 2018. pp. 35-38. ISSN 2455-6378. ([www.ijasrm.com](http://www.ijasrm.com))
- Anupam Pratap Singh and **Beena Kumari (2018)**. Wild Amaranthaceous Herbs as a Source of Medicine Need Conservation in Rampur District (U.P.), India. *International Journal of Advanced Scientific Research and Management*, Special Issue I, Jan 2018. pp. 62-66. ISSN 2455-6378 ([www.ijasrm.com](http://www.ijasrm.com))
- Raj Kumar and **Beena Kumari (2019)**. Common grasses of Bijnor district used by bhoja tribals in their primary health care system. *Journal of Medicinal Plants Studies*, 7(3): 05-07, ISSN (e): 2320-3862, ISSN (p): 2394-0530, NAAS: 3.53.
- Shiv Pratap Singh and **Beena Kumari (2019)**. Distribution and beneficial uses of invasive alien angiosperms in the roadside areas of J P. Nagar, Uttar Pradesh. *Journal of Medicinal Plants Studies*, 7(3): 08-11, ISSN (e): 2320-3862 ISSN (p): 2394-0530, NAAS: 3.53.
- Anupam Pratap Singh and **Beena Kumari (2019)**. Ethnobotany of Medi-flora of Bilaspur tehsil in Rampur district, Uttar Pradesh. *Journal of Pharmacognosy and Phytochemistry*, 8(3):1181-1184. ISSN(e): 2278-4136, (UGC S.No. 45051 till June 2019), RJIF 5.52
- K. K. Singh, S. P. Singh, **Beena Kumari**, A. K. Paliwal, J. S. Chauhan and J.M.S. Rawat (2019). Income Generation of Farmers via Medicinal Plants Cultivation: A Review. *Ind. J. Pure App. Biosci.* 7(4), 174-177. ISSN: 2582 – 2845. NAAS: 4.74 (2019), Impact factor: 6.525 (SJIF 2018) doi: <http://dx.doi.org/10.18782/2320-7051.7428>
- Shiv Pratap Singh and **Beena Kumari (2019)**. Selection of Medicinal plants for cultivation in J.P. Nagar district (U.P.) to raise Socio-economy of farmers. *International Journal of Botany Studies*, 4(5): 01-03, ISSN: 2455-541X I, UGC: (Web of Science); RJIF 5.12

- Shiv Pratap Singh and **Beena Kumari (2020)**. Diversity of angiospermic tree species with their economic utilization in J.P. Nagar (Amroha) district of Uttar Pradesh, India. *Plant Archives* Volume 20 No. 1, 2020 pp. 2491-2496. [e-ISSN:2581-6063 (online), ISSN 0972-5210], UGC: Group-A (Scopus-365); NAAS: 4.41.
- Anupam Pratap Singh, Rajkumar, **Beena Kumari (2020)**. A taxonomic study of grasses in Rampur district of Rohilkhand region (U.P.). *International Journal of Botany Studies*, 5(1): 118-121. ISSN: 2455-541X [Web of Science indexed journal].
- Anupam Pratap Singh, **Beena Kumari (2020)**. Angiospermic trees used by local people of Rampur district to treat various diseases as primary health care system. *International Journal of Botany Studies*, 5(3): 258-263. [ISSN: 2455-541X; [Web of Science indexed journal].

### **Chapters in Books:**

- Chapter no. 15- Invasive Alien Plant Species: A threat to native Biodiversity. Book- *Biodiversity: an overview* (2011). ISBN 978-93-80578-88-0 (I. K. International Publishing House Pvt. Ltd. New Delhi.) pp.191 – 202.
- Chapter no. 5- Manual for the propagation and cultivation of medicinal plants at Rohilkhand region (U P). Book- *Medicinal Plants: Aspects and Prospects* (2014). ISBN 978-81-7622-309-6. (Biotech Books, New Delhi) pp. 65-80.
- Chapter no. 6 - Biodiversity and climate change. Book- *Environment Management: Challenges and Conservation* (2014). ISBN 978-3-659-57593-8. (LAP Lambert Academic publishing.) pp. 40-46.
- Chapter no. 7- E-waste and its management. Book- *Environment Management: Challenges and Conservation* (2014). ISBN 978-3-659-57593-8. (LAP Lambert Academic publishing) pp. 47-59.
- Chapter no. 9. Aquatic Ecosystem: Conservation, Restoration and Management Book *Nature and Environment* (2016). ISBN: 978-91-910852-7-3 (Mahip Book Distributors New Delhi), pp. 77-107.
- Chapter No. 5. Wetlands Macrophytes and their role. Book. *Biodiversity, Biotechnology and Pollution Control* (2017). ISBN: 978-93-5056-887-3 (Discovery Publishing House Pvt. Ltd., New Delhi) pp. 85-110.
- Chapter No. 7. Wetland Services and Human Well-being. Book. *Biodiversity, Biotechnology and Pollution Control* (2017). ISBN: 978-93-5056-887-3, (Discovery Publishing House Pvt. Ltd., New Delhi), pp. 143-162.



- Chapter No. Soilless Culture of Vegetables and Crop Plants. In: Chauhan, A., Bharti, P. K. and Chauhan A. (Eds.), Production of Fruits and Vegetables, Technologies and Challenges. (2018). ISBN: 978-93-86841-25-4. Discovery Publishing House Pvt. Ltd. Indi., pp: 66-84.
- Chapter No. 9. Sacred grooves people's contribution to conservation. *Climate Change: An impact on Biodiversity* (2018). ISBN: 978-81-7622-431-4 (Biotech Books), pp. 129-138.
- Chapter No. 15. Impacts of Climate Change on different ecosystems. *Climate Change: An impact on Biodiversity* (2018). ISBN: 978-81-7622-431-4 (Biotech Books), pp. 211-226.
- Chapter No. 11. *Eichhornia crassipes* (C. Mart.) Solms (Water Hyacinth): Problems and Possible Practical Applications; in *Innovative Agriculture and Botany* (2018). ISBN: 978-93-87294-14-1., (Victorious Publishers India), pp. 78-87,
- Chapter No. 13. Micropropagation in Horticulture Crops. *Innovative Agriculture and Botany* (2018)., ISBN: 978-93-87294-14-1. (Victorious Publishers India). pp. 101-112.
- Chapter No. 19. Anupam Pratap Singh, Beena Kumari and Shiv Pratap Singh (2018). Some Selected Medicinal Plants of Rampur District (U. P.) in *Innovative Agriculture and Botany*, ISBN: 978-93-87294-14-1, Victorious Publishers (India). pp. 163-174
- Chapter No. 21 Ethno-Medicinal Angiosperms of Gangeshri Block of J. P. Nagar District (U.P.) in *Innovative Agriculture and Botany* (2018), ISBN: 978-93-87294-14-1. Victorious Publishers (India). pp. 187-191.

**Seminars/Conferences/(National/ International) Attended/Paper presented:**

- International conference on “Advances in Agriculture & Allied Science Research Topic-*Study on medicinal properties of common angiosperms of Rampur district used in Ayurveda* held on 23th-2th February, 2019 Organized by; Rama University, Kanpur (U.P.) & Samagra Vikas Welfare Society.
- National Conference on Current & Future Prospects of Science Research in India Topic- *Economic plants diversity of Hasanpur block of Amroha district, U.P.* held on 15-16 March 2019 at School of Science, IFTM University Moradabad (U.P.).
- International Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Development Topic-*A survey of Invasive alien angiosperm species of J. P. Nagar of Rohilkhand region, India* held on 20-22 October 2018 at Sardar Patel Auditorium, Swami Vivekanand Subharti University, Meerut.

- National Seminar on Quality Improvement in Higher Education: In Perspective of NAAC on March 11, 2018 Sponsored by UGC organized by IQAC, Hindu College Moradabad.
- International Seminar on Environmental Degradation- Causes & Consequences; Topic- *From ornamental to detrimental: invasion and utilization of Eichhornia crassipes (C. Mart.) Solms (water hyacinth) in Moradabad district of U.P.(India)*; Dated 25 Feb.2018; Organized by PMS & Nagar Nigam & KGK College, MBD.
- International Conference on Conservation and Management of Agricultural Resources; Topic- *Utilization of Polluted water for cultivation of Marigold (Tagetes erecta L.) by rural women in Chaudharpur village of Moradabad district (U.P.) India*; Dated 8-9 Nov 2017; Organized by Career Point University Kota.
- National Seminar on Human Environment Relationship: A Special Discussion on Water Crisis in India; Topic-*Water hyacinth: from ornamental to detrimental* Dated 29-30 March 2017 Sponsored by UGC & UCOST Organized by P.N.G. Govt. P.G. College Ramnagar.
- International Seminar on Water Resources- Management and Challenges; Topic- *Impact of polluted water from industries on local flora of Moradabad district (U.P.) India*; Dated- 26 Feb 2017; Sponsored by PMS & WWF; Organized by Mayfair College Moradabad.
- National Seminar on Independent India: Retrospection and Future Prospects; Topic- *Spread and ecological consequences of Parthenium hysterophorus L. in Moradabad district of U.P.*; Dated- 17-18 Dec 2016; Sponsored by H. Ed. Govt. of U.P. Organized by Govt. P. G. College, Badaun.
- National Conference on Climate Change, Environmental Hazards and Biodiversity Conservation; Topic- *Wetlands of Moradabad district: urgent need for conservation*; Dated-27-28 March, 2016; Sponsored by U.P. State council of Higher Ed. Lucknow. Organized by Sahu Jain College, Najibabad.
- International Conference on Plant Research and Resource Management, Topic- *Promising Ethno-medicinal angiosperms of Moradabad district (U.P.)*, Dated- 11-13 Feb, 2016, Organized by Tuljaram Chaturchand College, Pune.
- National Seminar on Foreign Direct Investment in India: Opportunities and Challenges; Dated 26-27 Feb 2015; Sponsored by UGC; Organized by P.N.G. Govt. P.G. College Ramnagar.

- National Seminar on Environment, Globalization and Quality of Life; Topic- *Invasive Alien Angiosperms and their impact on terrestrial ecosystem*; Dated 2-3 Dec. 2014 Sponsored by ICSSR, New Delhi Organized by S.B.S. Govt. P.G. College, Rudrapur Uttarakhand.
- National Seminar on Recent Trends in Plant Science; Topic- *Commercial farming of Sarpagandha (Rauvolfia serpentina (L.) Benth. ex Kurz. a high value medicinal herb to uplift socioeconomic status of rural populace of Moradabad dist. of Rohilkhand Region of U.P.*; Dated 22-23Aug. 2014 Sponsored by APCST Organized by Satavahana University, Karimnagar Telangana.
- National Conference on Biodiversity Conservation and Sustainable Development; Topic-*Plants used by rural communities of J. P. Nagar (Amroha) district of Rohilkhand region* Dated 6-7 Feb., 2013 Sponsored by DBT & MoES, New Delhi Organized by Dept. of Botany, St. Andrew's College (PG), Gorakhpur.
- National Seminar on Environment Management and Biodiversity Conservation; Topic- *Medicinal plants value of Amroha, Moradabad and Rampur districts of Rohilkhand region U.P. for the cure of some common human diseases*; Dated 6-7 Oct., 2012.Sponsored by UGC, CRO Bhopal Organized by Govt. Lohia P.G. College, Churu, Rajasthan
- National Seminar on Human Rights: Concept Meaning and Development; Topic- *Women and Plant Biodiversity: The major importance of minor resources*; 27-28Feb, 2012 sponsored by UGC; Organized by DAK(PG) College, Moradabad
- National Seminar on Environment and Social Issues; Topic- Automobile exhaust on morphological characters of *Abutilon indicum L.- A medicinal shrub*; 25-26 Feb, 2012 Sponsored by UGC; Organized by Gokul Das Hindu Girls (PG) College, Moradabad
- National Seminar on Industrial Pollution, Environment & Biodiversity; Topic- *Observations on the plant communities of polluted industrial drainage channels of Moradabad*; Dated 17-18 Feb., 2012; Organized by Dept. of Zoology, Hindu College, Moradabad.
- State Level Conference on Role of Science and Technology in the Development of Uttarakhand State; Topic- *Grasses of Moradabad of U.P.* on 25-26 Oct 2010; Sponsored by U-SERC, DDN, UGC, CSIR; Organized by Govt. P. G. College Bageshwar, Uttarakhand
- National Seminar on Management of Environmental Pollution for Sustainable Energy Protection; Topic-*Facing up to invisible pollution in Moradabad District*"10-11 April,

2010 UP Govt. Organized by Dept. of Plant Science MJP Rohilkhand University, Bareilly

- National Seminar on Innovations in Higher Education; Dated 28-29 March 2010 Organized by Govt. Raza P.G. College Rampur.
- National Seminar on Higher Education: State and Direction (Dasha and Disha), Topic- *Contribution of Technology in higher education*, dated 2-3 Dec 2009 Organized by Govt. P. G. College Badaun.
- National Conference on Global {Pollution: A Serious Threat to Indian Biodiversity; Dated 31 Jan & 1 Feb 2006; Sponsored by UGC; Organized by S. B. P. G. College Baragaon, Varanasi.
- National Conference on Education in the Age of Globalization; Dated 10-11 Oct 2004; Organized by Allahabad Degree College.
- National Seminar on Problems Related to Women empowerment (With Special Reference to Wife Battering and Wife Abuse); Topic- *Women empowerment in Ancient India and its Relevance in Modern India*; Dated 25-26 Sept 2004; Organized by Handia P. G. College Allahabad.

#### **Articles in Magazine:**

- Cultivation of Marigold- *Madya Bharat Krishak Bharti*, Gwalior [ISSN-2582-5976] August 2020. pp. 48. www.krishakbharti.in
- Amrood ki vaigyaanik kheti- *Madya Bharat Krishak Bharti*, Gwalior [ISSN-2582-5976] July 2020. pp.50.

#### **Books Authored:**

- **Angiosperms of Moradabad Division** (2018), Akinik Publications, New Delhi, ISBN: 978-93-5335-045-1.
- **Field Guide of Angiosperms** (2019), Lambert Academic Publishers (International), ISBN:978-3-659-21 309-0

#### **Ph.D. Supervision:** 3

#### **Extra-Curricular Activities:**

##### **a). Extension, Co-curricular & field-based Activities--**

1. Actively Participate in educational tours for M.Sc. (P) & (F) Botany Students.
2. Actively Participate in local tours for B.Sc. Botany Students.
3. Actively Participate in Cultural activities.

**b). Contribution to Administrative responsibility---**

- Member of Board of Studies,2021
- NSS (Girls' Unit)- Program officer from 2019-till date
- Rangers' (Girls) -In-charge, 2019.
- In-charge of Women's cell of college from 09/12/2010 To 30/06/2014
- In-charge of Botany Association- from 2015-2018 (organised and conducted 3-Days workshop continuously 4 years for students of UG/ PG in Botany dept.)
- Member of proctorial Board -2015, 2016 and 2017
- Member of UGC college committee -2014
- Member of student Alumni committee- 2015
- Member of Railway concession committee for students- 2016 and 2017
- Member of Women's Cell- 2017
- Asst. Supt: 2006, 2011, 2014, 2017,2020 in main exams and Improvement exam 2011
- Member of Admission Committees (B.Sc.) since 2003 to 2010
- Member of Exam forms forwarding committee (B.Sc.) 2011-2012

**1. Any other activities—**

- a). Observer in combined B.Ed. entrance exam- 2012, 2013, 2014, 2015, 2016, 2019
- b). Participated as Judge in Science exhibition/ magic show at JS Hindu PG College, Amroha dt.13/01/2011
- c). Participated as Judge in seminar organised by Kendriya Vidyalaya, Moradabad dt. 30/04/2012
- d) Actively participated in UP State Govt. Laptop distribution Yozna- 2013