***Dr. Nalini Pandey***

***Phone:* 91 9451088125; *Email:*** [**nalini\_pandey@rediffmail.com**](mailto:nalini_pandey@rediffmail.com)**;**

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| **Career Profile** |

* **Designation: Professor (Since Jan 2007); Associate Professor (1999-2007); Lecturer (1990-99).**
* **Academic Qualifications: MSc, PhD (UGC-JRF; CSIR-SRF);** *Dissertation Title-‘Mineral**Nutrition*

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| ***Examination*** | ***Subjects*** | ***Board/University*** | ***Year*** | ***Division*** |
| High School | Hindi, English, Maths, Science, Biology | St. Mary Convent, Kanpur; UP Board | 1976 | First |
| Intermediate | Hindi, English, Physics, Chemistry, Biology | I.T. College Lucknow; UP Board | 1978 | First |
| B.Sc. | Chemistry, Botany, Zoology | I.T. College; University of Lucknow | 1980 | First |
| M.Sc. | Botany | University of Lucknow | 1982 | First |
| PhD | Botany-  ‘Mineral Nutrition of Safflower  *with**Particular Reference to Fe, Cu and Zn.’* | University of Lucknow | 1987 | NA |

* **Research Specialization : Plant Nutrition and Stress Physiology**
* **Research Publications : 114; Citations -1154; H-index -15**
* **Research Guidance : 14 students awarded; 07 enrolled**

**02 DS Kothari Fellow; 01 DST Young Scientist**

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| **Awards and Distinction** |

* Fellow of the Linnaean Society, London, 2015.
* Fellow of the Indian Society for Agricultural Biochemistry, 2010.
* Fellow of the Indian Botanical Society, 2010.

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| **Research Projects**: |

1. ICAR, New Delhi **‘Protective Role of Zinc against Oxidative Damage in Plants’**  1998 to 2001

2. CSIR, New Delhi **`Reproductive Biology of Zinc Stressed Plants’** 1999 to 2002

3. CSIR, New Delhi ‘**Nickel Toxicity Responses of Plants and their Dependence** 2003 to 2006

**on Fe Nutrient Status and Tissue Hydration’**

4. CST, UP, Lucknow ‘Qualitative and quantitative improvement of seed yield of 2007 to 2010

edible legumes through foliar fertilization of zinc and

boron during the reproductive phase’

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| **Contribution to Corporate Life and Management of the Institution**: |

* **Academic:**

1. Assistant Coordinator MSc. Plant Science, 2011-2015.
2. Assistant Superintendent MSc. Plant Science Examinations, since 2011- 2015.
3. PhD course Coordinator 2016, 2017
4. Member, Board of Faculty of Science, 2007-08; 2010 to present
5. Member, Board of Studies in Botany, 1996-98; 2010 to present.
6. Curriculum development and Paper setter for U.G (Botany), PG (Botany; Plant Science) and PhD.
7. Head Examiner, BSc. III Botany Practical Examination, 2005-6, 2008-9, 2011 -12.

* **Administrative:**

1. Additional Proctor, 2015-2016.
2. Member of The Court, University of Lucknow, 2009-2010
3. Additional Chief Provost for Girls Hostels- June 2006 to Nov 2011.
4. Councilor, PG Admission, 2010, 2012.
5. Provost, Kailash Hall, July 2006 –June 2010.
6. Provost, Tilak Hall, 2005- 2006.
7. Assistant Provost, Kailash Hall, 1996 - 2005.
8. Councilor, UGAT, 2000
9. Member, Proctor Squad University Exam, 1996-98.

* **Extra Co-curricular/Extension services:**

1. Conducted field tour for MSc Plant Science, Semester I and III, 2011- 15
2. Member of Cultural Committee of the University ‘Sanskritiki’ 2007 -2010.
3. Editor ‘Srijan’, Annual magazine, Kailash Hall, University of Lucknow. 2004-2010.
4. Active involvement in cultural/sport activities of University Girls Hostel as Provost.
5. Programme Officer, National Service Scheme- 2000-2002.

* **Alumni Association**

Joint Secretary, Lucknow University Botany Department Alumni Association

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| **Association with Professional Bodies** |

* **Reviewer for Journals:**

**National**- Indian Journal of Experimental Biology; Indian Journal of Plant Physiology; Journal of Biosciences; Proceedings of National Academy of Sciences, India, B; Journal of Environmental Biology.

**International***- Acta Botanica Croatica; Acta Physiologiae Plantarum; Biologia Plantarum*; Chemosphere; Pedosphere; African J of Agricultural Sciences; African J Biotechnology; Agricultural Research and Reviews; J Plant Growth Regulators; J Plant Nutrition

* **Life Memberships of Societies:**

1. International Society for Environmental Botanists,

2. International Society of Plant Morphologists

3. All India Science Congress Association

4. Indian Society for Plant Physiology

5. Indian Society of Agricultural Biochemists.

6. Society for Plant Physiology and Biochemistry.

7. Indian Botanical Society

8. International Society of Applied Biology

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| **Participation in Workshops/Conferences** |

* **International**

1. **‘**Fourth and Fifth International Conference on Plants & Environmental Polution’, by International Society of Environmental Botanists, NBRI, Lucknow. 8-11th December, 2010 and 2014.
2. **Workshop in California State University, Long Beach as member design team for ‘The Innovation and Integrated Teacher Education Professional Development Programme’ being developed by University of Lucknow in collaboration with California State University, Long Beach, 6-16th December, 2009.**
3. **‘International Symposium on Trace Elements and Health –Micronutrients in Agroecosystem and Human Health’ held in Hangzhou, Zhejiang University, China, 10-13th October, 2004.**
4. 2nd International Congress of Plant Physiology on Sustainable Plant Productivity under Changing

Environment’ by Indian Society for Plant Physiology, IARI, 8-12th January, 2003, New Delhi.

1. ‘2nd and 3rd International Conference on Plants & Environmental Pollution’ by International Society of Environmental Botany & National Botanical Research Institute, Lucknow , 2002 and 2005.

* **National**

1. ICAR, New Delhi, sponsored workshop ‘***Theory and Methodology for Physiological and Molecular Basis of Crop Production in Plants’*. In Water Technology Centre, ICAR, PUSA, New Delhi.** 3-24th April, 1995.
2. DST, New Delhi, sponsored Interaction meeting and workshop on ***‘Plant Responses to Abiotic Stresses: From Genes to Genotypes’* in Department of Crop Physiology, University of Agricultural Sciences, Bangalore,** 13-23rd March, 1998.
3. **Attended weekly workshops at Lucknow University as member design team for “The Innovation and Integrated Teacher Education Professional Development Programme’ being developed by University of Lucknow in collaboration with California State University, Long Beach, 2008-2010.**
4. 1st Lucknow Science Congress “Innovations in science for better tomorrow”. 20-21th March, 2013, BBA University, Lucknow
5. ‘All India Botanical Conference” by Indian Botanical Society and Botany Department, University of Lucknow Lucknow. 10-12th October, 2011.
6. ‘X Agricultural Science Congress on Soil Plant and Animal Health for Enhanced and Sustained Agricultural Productivity’ organized by National Academy of Agricultural Sciences in collaboration with NBFGR, IISR and CISH, Lucknow, 10-12 February, 2011.
7. ‘National Conference of Plant Physiology on Physiological and Molecular Approaches for Crop Improvement under Changing Environment’ by Department of Plant Physiology, IAS, BHU, Varanasi and Indian Society for Plant Physiology, IARI, New Delhi. 25-27th November, 2010.
8. Zonal seminar on Physiological and Molecular Interventions for Yield and Quality Improvement in Crop Plants’, 17-18th September, 2010, SPP and SVPUAT, Meerut

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| **Professional Development Activities**: |

* **External Examiner for Paper Setting/ Practical/Evaluation of UG and PG courses in Universities.**
* **Organizing Seminars/Conferences:**

1. Joint Organizing Secretary- National Seminar on Himalayan Devastation and Eco-Balancing”

Botany Department, Lucknow University, August 31, 2013.

2. Convener Reception committee and member of Scientific Program and Welcome committee of ‘XXXIV

All India Botanical Conference, 10-12th October, 2011, Botany Department, Lucknow University.

3. Member of committee for Compilation of Abstract and Souvenir preparation of ‘XXXIV All India

Botanical Conference on Biodiversity and Reproductive Plant Biology: Abiotic and biotic Challenges’,

Botany Department, Lucknow University, 10-12th October, 2011.