

Dr. SUDERSHAN MISHRA

| Assistant Professor |
Dept. of Ag Botany



| Contact |

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| Certifications |

UPHESC Asst. Prof. Selection
Exam Rank - 1
CSIR-NET-JRF-(Life Sciences)
ICAR-NET (Plant Physiology)
Uttarakhand-SET
GATE-XL (99.03 percentile)

| Honors/Awards |

Best Innovative Idea Krishi
Anuvanshiki, 2014

Best Student Speaker, Toppers
Conclave-2018, Rajbhawan,
Uttarakhand

Young Achiever, Plant
Physiology, GAAFES-2019

| Fellowships |

CSIR- Research Fellowship
ICAR-SRF(PGS)- Rank 1
ICAR-JRF and NTS

| Profile |

- More than 7 years of lab and field research experience as a CSIR Research Fellow and Asst. Professor
- Rich academic profile that boasts of top notch ranks in national level exams, multiple awards and fellowships
- Established public speaker and a selling author on Amazon

| Education |

•PhD (Plant Physiology) (OGPA-9.1)

2018-2022 •GB Pant University of Agri. & Tech., Pantnagar
•Specialization- Molecular Biology & Biotechnology

•M.Sc. Agriculture (OGPA-9.3)

2016-2018 •GB Pant University of Agri. & Tech., Pantnagar
•Specialization- Plant Physiology

•B.Sc. (Hons.)Agriculture (OGPA-8.8)

2012-2016 •Banaras Hindu University, Varanasi
•Specialization- Bioprocessing and Value addition of Agricultural Crops

| Skill Highlight |

- | | |
|---|---|
| <input type="checkbox"/> Scientific Writing | <input type="checkbox"/> Plant Tissue Culture |
| <input type="checkbox"/> Statistical Modeling | <input type="checkbox"/> DNA and RNA Extraction |
| <input type="checkbox"/> Cross Functional Team Leadership | <input type="checkbox"/> Polymerase Chase Reaction, Gel Electrophoresis |
| <input type="checkbox"/> Teaching/Mentoring | <input type="checkbox"/> SDS-PAGE |
| <input type="checkbox"/> Interdisciplinary Collaboration | <input type="checkbox"/> Atomic Absorption Spectroscopy |

| Research Experience |

Project Investigator(PI) 2024-Present

• *Research Project : Characterization of Different Wheat Genotypes and Nanoscale Chelator Compounds to Enhance Grain Zinc Content and Its Bioavailability in Wheat (Triticum aestivum L.) through Foliar Zinc Application (PID-3937)*

• *Experiment- Zinc Biofortification in Wheat*

2018-2022 •GB Pant University of Agri. & Tech., Pantnagar
•PhD Research Student

| Teaching/Mentoring Experience |

June 2022 till Present	Assistant Professor, Department of Ag Botany , GMV PG College, Rampur Maniharan, Affiliated to Maa Shakumbhari University Saharanpur.
Jan 2017- Apr 2017	Teaching Assistant Course- BPY212- Crop Physiology. Deptt. Of Plant Physiology, CBSH, GBPUAT, Pantnagar
Aug 2017- Nov 2017	Teaching Assistant Course- BPY602- Principles of Plant Physiology. Deptt. Of Plant Physiology, CBSH, GBPUAT, Pantnagar

| Awards/Fellowships/ Entrance Exams Qualified |

- **Qualified ICAR-AIEEA-SRF (PGS) with All India Rank 1 in Plant Physiology**
- **Qualified CSIR-UGC Joint JRF with JRF and Rank 54**
- **Qualified GATE 2018 in Life Sciences with 99.03 Percentile**
- **Qualified Uttarakhand State Eligibility test (USET)-2017 with 65.14% marks**
- **ICAR- Junior Research Fellow & ICAR -NTS Fellow**
- **INSA-NASI SRFP alumni**
- **Qualified Tata Institute of Fundamental Researches' JGEEBLS-2016**
- **Qualified IIT – JAM 2016 with All India Rank-20**

| Discerning Skill Set |

❖ Leadership

- President of official Postgraduate Society of GBPUA&T, Pantnagar
- State Coordinator (Uttar Pradesh) of All India Agricultural Students' Association (AIASA)
- Team Leader, Soil Health Card Drive in Shahanshapur Village, Varanasi
- Editor-in-chief of AKSHAR- A never ending effort, a bimonthly magazine published by Vivekananda Divine Life Mission, BHU.

❖ Volunteering

- Volunteered as student lab assistant in Winter School Training on Hi-tech Micro propagation Techniques for Biomass and Metabolite Production, CBSH, GBPUA&T, Pantnagar
- Volunteered under NATIONAL SERVICE SCHEME for 2 consecutive years (2013-2015)
- Participated as student volunteer in DST-INSPIRE Internship Science Camp, BHU. October, 2013

❖ Participation and Prizes

- Member of Jury panel of national open poetry contest (CREATAMEER) in association with NGO GOONJ
- Best Debator, womens' day debate 2016, organized by Women Empowerment Committee, CBSH, GBPUAT, Pantnagar
- Represented GBPUA&T, Pantnagar at National Youth Festival YUVA-2017
- Represented BHU at 14th National ICAR-Agriunifest in national english debate competition
- Best speaker IAgSc BHU and Best Agricultural innovator IAgSc BHU 2014

| Trainings/Workshops/Conferences |

Jun 12 th -14 th , 2022	International Conference : Innovative and Current Advances in Agriculture and Allied Sciences (ICAAAS), HPU, Summer Hill, Shimla
March 4 th -6 th , 2022	International Conference : Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development (SABCD-2022) JNU, Jaipur
Feb 26 th -28 th , 2021	International Conference : New Paradigms for Agriculture, Food and Sustainability Concerns (NPAFSC-2021)
June 29 th - July 3 rd , 2020	International Training: Recent Physiomolecular Digital Tools in Abiotic Stress Management for Crop Modeling
Dec 1 st -2 nd , 2019	International Conference : Global Perspectives in Agriculture and Applied Sciences for Food and Environmental Security (GAAFES-2019)
Aug 6 th -10 th , 2018	Toppers Conclave: An event hosted by Governor, Uttarakhand, to honor the topper students of the state universities of Uttarakhand. Participated as a topper from GBPUA&T, Pantnagar, Selected as Best Student Speaker
Feb 27 th , 2017	National Science Day Seminar: Science for Social Upliftment and Empowerment, Pantnagar Chapter, Society of Biological Chemists
Aug 22 nd – Sep 5 th , 2014	Short term certification in Post Harvest Protection of Fruits and Vegetables, Directorate of Horticulture & Food Processing, Uttar Pradesh

| Publications / Copyrights/ Patents / Book Chapters |

- ☐ Number of Copyrights/Patents : 2
- ☐ Number of Research Papers : 10
- ☐ Number of Review Articles : 4
- ☐ Number of Proceedings/Extracts/Extended Summaries : 5
- ☐ Number of Book Chapters : 5