

Curriculum-vitae

Name: **Dr. Gitanjali Mishra**

Designation: **Assistant Professor Department of Botany**

Institute: **Government PG College Sitarganj US Nagar**

Mob.No.:8864881304

Email ID: gitanjali21.mishra@gmail.com

Date of Birth: 13-09-1980

Age: 45 years

Sex: Female

Experience:

EXPERIENCE: 18 years (Teaching) , 5 years (Research)= 23 Years

<i>University / Institute</i>	<i>Post Held</i>	<i>Duration</i>	<i>Nature of Work</i>
Government PG College Sitarganj US Nagar	Assistant Professor	1 March 2025- till date	Permanent, Teaching & Research
SSJ University LSM Campus, Pithoragarh	Assistant Professor	3 March 2023-28 March 2025	Permanent, Teaching & Research
Government Postgraduate College Baluwakote, Pithoragarh.(SSJUniversity Almora)	Assistant Professor	12 Marh 2019- 02 March 2023	Permanent, Teaching & Research
MRPSPMPG College (R.M.L. Avadh University Faizabad)	Assistant Professor	2007-2018	Ad-hoc, Teaching
Department Of Botany, University Of Lucknow	Research fellow	2002-2007	Research

Educational Qualification:

Ph.D. (BOTANY)	<i>University of Lucknow (Awarded in 2007)</i> Topic :“ Deficiency of Copper, Boron and Manganese in some legume crops ”	
M.Sc. (BOTANY)	C.C.S. University, MEERUT,U.P (2002)	<i>First div.(73.66)</i>
B.Sc. (Chemistry, Botany Zoology)	<i>University of Lucknow, Lucknow.</i> <i>U.P. (2000)</i>	<i>First div.(66.77)</i>
INTERMEDIATE(Science)	U.P. BOARD (1996)	<i>First div.(63.77)</i> Distinction in Physics.
HIGH SCHOOL(Science)	U.P. BOARD (1994)	<i>First div.(69.15)</i> Distinction in Biology

Specialization:

- -Plant Physiology, Mineral Nutrition and Plant tissue culture.
- Enzymatic and Bio-chemical parameters:
- The metal induced oxidative stress in plants grown in solution culture/sand culture, in this way, I estimate the enzyme activiet SOD (EC 1.15.1.1) ,APX (EC 1.11.1.11), GPX (EC 1.11.1.7),GR (EC 1.6.4.2), CAT (EC 1.11.1.6)and in biochemical parameter chlorophyll, protein , cysteine, Lipid peroxidation (malondialdehyde), Non-protein thiol, Ascorbic acid, Glutathione (Reduced)
- Metal Analysis:
- To estimate the metal accumulation in plants through heavy metal treatment in solution /sand culture and field/ Pot experiments.
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Present Assignments- 1-Teaching & Research at PG and UG level.

2- Supervision of two Ph.D. students and four M.Sc. student's dissertation work.

3-Writing project proposal for submission.

Award/Prize/Certificate Received-1- Shaikshik gunavatta for 100% result from- MRPSM PG College Barabanki UP(2013)

Research Project- worked as S.R.F. (N.A.T.P. funded project at Lucknow University).2003-2004.

Research Publication-

Note- Name in Research paper before marriage Gitanjali Bhakuni and after marriage Gitanjali Mishra

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| • <i>Total Publications=5</i> | • <i>Research papers in SCI Journals=5</i> |
| • <i>Total impact factor= 13.02 (ISI),</i> | |
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1. **Gitanjali Bhakuni**, B.K.Dubey and C.Chatterje, Manganese deficiency affects the growth , metabolism and yield of Chickpea, Indian Journal of Plant Physiology_ Vol 13, No 2, pp 198-202 (April –June 2008) **ISSN/ ISBN No. 0974-0252 Thomson ReutersImpact Factor of the Journal 7.25IMPACT FACTOR 2.825 NEW NAME-** Journal of Plant Physiology_**ISSN/ ISBN No. 195502UGC J NO-20852 UGC SR. NO 9748 PUBLISHER-** Springer Science ,E -ISSN 9740252
2. **Gitanjali Bhakuni**, B.K.Dubey, Pratima Sinha and C.Chatterje,Copper Stress Affects Metabolism and Reproductive yield of Chickpea, Journal of Plant Nutrion 32, 703-711, 2009. **ISSN/ ISBN No 1522-2624 IMPACT FACTOR 1.707 UGC SR. NO 15151 , UGC J NO- 19256 PUBLISHER-** Taylor & Francis Inc **ISSNNO- 1904167 E-ISSNNO- 15324087**
3. **Gitanjali Bhakuni**, Neena Khurana and C.Chatterjee, Impact of Boron Deficiency on changes in Biochemical Attributes, yield and seed reserves in Chickpea. , Communication in soil Science and Plant Analysis, 41:199-206,2010. **ISSN/ ISBN No 1532-2416 , IMPACT FACTOR 1.58UGC SR. NO 4857 , UGC J NO- 16257 PUBLISHER-** Taylor & Francis Inc ,**ISSNNO- 103624 E ISSNNO- 15322416**
4. **Gitanjali Bhakuni**, Rajeev Gopal . Changes in metabolism and biochemical composition in response to mineral nutrients limitation in Cowpea. Indian Journal of Plant Physiology_ Vol 16, No 1, pp 114-119 (Jan –Marh 2011) **ISSN/ ISBN No. 0974-0252 Thomson ReutersImpact Factor of the Journal 7.25 IMPACT FACTOR 2.825 NEW NAME-** Journal of Plant Physiology_**ISSN/ ISBN No. 195502 UGC J NO-20852 UGC SR. NO 9748 PUBLISHER-** Springer Science ,E- ISSN 9740252

5. Rohit Kumar Mishra, **Gitanjali Mishra**, Rachana Singh, Parul Parihar, Jitendra Kumar, Prabhat Kumar Srivastava, Sheo Mohan Prasad, Managing arsenic (V) toxicity by phosphate supplementation in rice seedlings: modulations in AsA-GSH cycle and other antioxidant enzymes . 2021 , Environmental Science and Pollution Research, <https://doi.org/10.1007/s11356-021-16587-3> (*Impact factor ISI=4.33*, ISSN NO- 0944-1344)

Seminar /conference/Workshop attended-

1.	Enhancement of Environmental Status through better Management and Techniques” (National)	Institute of Environmental Sciences, Botany Department, University of Lucknow	January 24th - 25 th , 2003	Boron deficiency in cow pea.
2.	6 th Agricultural Science Congress	Indian Institute of Soil Science, Bhopal	Feb 13th - 15 th , 2003	Manganese deficiency in cow pea.
3.	Third International Conference on Plants & Environmental Pollution	National Botanical Research Institute, Lucknow	28 th Nov - 2 nd Dec, 2005	Deficiency of Mn- in Soil plant Interaction
4.	Environment protection: challenge and solution(national)	Pragya Samvardhan GPGC Haiderganj Barabanki	04/10/2016	Global warming its Consequences on Food security
5.	Innovation in science and technology (International)	Potti Sreeramulau publication Coimbatore	11-12 Dec 2005	Manganese deficiency alter the metabolism and yield of chick pea
6.	Geology and natural resources of Himalya National level	Pt.LMS Govt.PG college Rishikesh Dehradun	25/11/2019	Biodiversity conservation in a changing climate
7	International conference on biotechnology and applied microbiology(ICBAM2020)	Institute of applied and basic research Gahizabad up India	07/02/2020	Fructification...contaminated land
8	6 th international conference of environment and ecology	Deptt of Botany and center of Environmental	24/02/2020	Components of antioxidants in

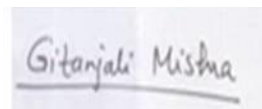
		science ,university of Allahabad		Plant Exposed to heavy metals
9	National conference	LSM Gov PG College pithoragarh	28/12/2021	A reinterpretation of environmental conservation and deforestation ...
10	National conference	LSM Gov PG College pithoragarh	08-09 july 2023	Study of ethnomedicinal plant resources and utilization of Pithoragarh district Uttarakhand
11	National workshop	HRDC Kmaun University Nainital Uttarakhand	25-08-2022	NEP2020
12	National workshop	National Institute of hydrology	06/01/2022 to 07/01/2022	Tools and techniques for spring shed management

Training Courses-

- 1-FIP, HRDC Kmaun University Nainital Uttarakhand-24/12/2021 to 26/3.2021
- 2-Summer School in research methodology , HRDC Kmaun University Nainital Uttarakhand 13/08/2021 to 27/08 2021
- 3.Short term course ICT enabled learning, HRDC Kmaun University Nainital Uttarakhand 20/06/2022 to 27 /06/2022
- 4.Referesher course Environmental science, HRDC Kmaun University Nainital Uttarakhand 12-08-2022 to 27-08/2022
- 5.Ecosystem restoration and disaster management online training programme by NIDM Ministry of Home affairs Gov of India 22/7/2021 to 24/07/2021
- 6-Capacity building training programme on plant taxonomy ,systematics and Phytodiversity, DST,GOV of Arunachal Pradesh

Science popularization activities undertaken-

worked as Nodal Officer of USERC from 10 /02/2022 to 2 march 2023 in GDC Baluwakote
Pithoragarh

A rectangular box containing a handwritten signature in black ink. The signature reads "Gitanjali Mishra" in a cursive script, with a horizontal line drawn underneath the name.

Date—08 Nov 2025

Candidate Signature

Place -Sitarganj