

Curriculum Vitae

Name: **Dr. BHAGYASHREE KESHERWANI**
Date of birth: October 10 1987
Gender: Female
Nationality: Indian
Category: General
Marital status: Married
Language Known: English & Hindi
Address: 143 H /7A Chak Lal Mohammad
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EDUCATION OULIFICATION

S.N	Examination Passed	Name of the Institution	Name of the University/Board	Year of Passing	% / Division	
1	High School	Crosthwet Girl Int. College Allahabad	U.P. Board	2003	53.66 %	2 nd
2	Intermediate	S.D.S.L.S.I. C., Naini Allahabad	U.P. Board	2006	67 %	1 st
3	B.Sc. (Zoology, Botany & Chemistry)	C.M.P. Degree College, Allahabad	University of Allahabad	2009	56 %	2 nd
4	M.Sc. (Environmental Science)	Sam Higginbottom Institute of Agriculture, Technology & Sciences (Formerly Allahabad Agricultural Institute) Deemed to be University)	Sam Higginbottom Institute of Agriculture, Technology & Sciences (Formerly Allahabad Agricultural Institute) Deemed to be University)	2011	87.59 %	1 st
5	B.Ed.	Kripalu Mahila Mahavidyalaya, Kunda, Pratapgarh	Dr. Ram Manohar Lohia Avadh University, Faizabad	2012	75 %	1 st
6	M.Sc. Chemistry (Distance Education)	Shobhit University (Shobhit Institute of Engineering & Technology, Meerut)	Shobhit University (Shobhit Institute of Engineering & Technology, Meerut)	2015	64.79%	1 st
7	Ph.D. (Environmental Science)	Sam Higginbottom University of Agriculture, Technology and Sciences	Sam Higginbottom University of Agriculture, Technology and Sciences	2020	89.8%	1 st

Area of Research:

S.N	Course	Title of Research	Name of Guide
1	M.Sc. Environmental Science	“Effect of Cadmium on Germination, Morphology and Some Physiological Parameters of Wheat (<i>Triticum aestivum</i> L.)”	Dr. Satyendra Nath Dr. Sheo Mohan Prasad (University of Allahabad, Department of Botany).

2	Ph.D. Environmental Science	“Influence of Sewage Sludge from Different Sewage Treatment Plants of Prayagraj on Growth and Yield of Green Gram (<i>Vigna radiata</i> L.) and Mobility of Heavy Metals in Plants and Soil Depths.”	Prof. Dr. T.Thomas
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Work Experience

1. Presently working as an **Assistant Professor, Dept. of Agriculture** at K. P. Higher Education Institute, affiliated to Prof. Rajendra Singh (Rajju Bhaiya) State University, Prayagraj, Uttar Pradesh, India from September 3 2021 till date.
2. **2.6 years of teaching experience as Assistant Teacher (Science)** (class 6 to 8) in **CBSE Ford School and College Naini, Allahabad.**
3. **1-year teaching experience as a Research scholar** of class **B.Sc. and M.Sc. (Environmental Studies)** students, in **Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad, U.P.** under my supervisor guidance.
4. **5 years of research experience as a Research scholar in the field of sewage sludge, mobility of heavy metals in soil and plant, micronutrients and macronutrients, soil fertility and fertilizer management.**
5. Awarded **University Grants Commission (UGC) fellowship** for Doctoral Research in **Sam Higginbottom University of Agriculture, Technology and Sciences**, in **2017 for Junior Research fellowship (JRF)** and converted **Senior Research fellowship (SRF)** in **2020.**

Guidance

RAWE work guidance of 25 B.Sc. Agriculture students.

Train competent in independently handling and working upon the following instruments

- Atomic Absorption Spectroscopy.
- Spectrophotometer.
- Microwave digestion System.
- Flame photometer
- SPAD for chlorophyll

Training:

1. Summer Training Project on “**Ambient Air Quality**” Under the Guidance of **Mr. G.K. Pandey – Sr. Manager EHS AREVA Naini Allahabad.**
2. Participated in **DST-SERB Sponsored Awareness Training Programmed on “Metal and Metalloid in Water-Soil-Plant-Human Continuum”** organized by Division of Soil Science and Agriculture Chemistry **ICAR-Indian Agriculture Research Institute** New Delhi, on December 16-18, 2019.
3. Attended Training and Demonstration Programmed on “**Identification, Usage and Organic Farming Technics of Mushroom**” organized by, **Society of Biological Sciences & Rural Development Prayagraj- 211019, U.P., India on December 27, 2019, to January 2 2020.**
4. Participated in two days training program in the role of **Ganga Ambassador** on “**Blended Capacity Building Programme for Stakeholders of River Ganga**” organized by **Indian Institute of Public Administration** under **Namami Gange** scheme on **4-5 June 2021.**
5. Participated in five days training program in the role of the mission of **Atmanirbhar Bharat** through its **Entrepreneurship & Industry Programs on Hydroponics Training** organized by **Institute for Industrial Development (IID) incubator** under **PPP mode** with **MSME, SAMADHAN, NSIC, Govt. of India** on **1-6 June 2021.**

Publication:

1. **KESHERWANI, B., NATH, S. and PRASAD, S. M. (2016) “Effect of cadmium doses on seed**

germination and morphology parameters of wheat (*Triticum aestivum* L.”. In the journal of *The Ecoscan*, 10(3&4): 491-494.NAAS (4.65) ISSN 0974-0376 (E).

2. **KESHERWANI, B., NATH, S. and THOMAS, T. (2017)** “Different Doses of Cadmium Effect on Morphology, Physiology and Growth Parameters of Wheat (*Triticum aestivum* L.) Var. Lok 1”. In the *International Journal on Environmental Sciences*, 8(2): 195-197. NAAS (3.06).
3. **KESHERWANI, B. and THOMAS, T. (2019)** “Effect of direct application of different doses of sewage sludge with different level of phosphorus on soil micronutrients under green gram (*Vigna radiata* L.)” In the *Journal of Pharmacognosy and Phytochemistry*; 8 (5): 607-612.NAAS (5.21) ISSN Print: 2349-8234, ISSN Online: 2278-4136.
4. **Bhagyashree Keshherwani, Tarence Thomas, Vikram Singh and Schchida Nand Singh (2020).** “Comparative Study of Sewage Sludge from Different STPs and Various Doses of Phosphorus on Physicochemical and Macronutrient in Soil Depth under (*Vigna radiata* L.)”. In the journal of *Int. J. Curr. Microbiol. App. Sci.* 9(03): 1567-1578.NAAS (5.31), 2319-7692 (print), 2319-7706 (online).
5. **Riddima Singh, Bhagyashree Keshherwani, R.M. Madhumita Sri, S. Ravichandran (2021).** “Sustainable Management of Food Wastes using Effective Microorganisms Compost” *Journal of Management Research and Analysis*, 8(3): 127-130.

Articles Published:

1. **Keshherwani, B., John, V. and Maurya, A. K. “Think Globally and Act Locally to Improve Your Environment”,** *AGRICULTURE & FOOD: e-Newsletter*, ISSN: 2581-8317, Volume 1-Issue 9 – September 2019.
2. **Maurya, A. K., John, V. and Keshherwani, B. “A Herbal sugar substitute – Stevia”,** *AGRICULTURE & FOOD: e-Newsletter*, ISSN: 2581-8317, Volume 1- Issue 9 – September 2019.
3. **Keshherwani, B., John, V. and Maurya, A. K. “Use of Plants for Remediation of Pollutants”,** *AGRICULTURE & FOOD: e-Newsletter*, Article id: 22164, ISSN: 2581-8317, Volume 1 – Issue 10 – October 2019.
4. **John, V., Keshherwani, B. and Maurya, A. K., “PHALSA – Climate-smart fruit crop”** *AGRICULTURE & FOOD: e- Newsletter*, Article id: 22163, ISSN: 2581- 8317, Volume 1 – Issue 10 – October 2019.
5. **Amit Kumar Maurya, Vinny John and Bhagyashree Keshherwani, “Agro-waste for vermicomposting”** *AGRICULTURE & FOOD: e- Newsletter* Article id: 22174, ISSN: 2581-8317 Volume 1 – Issue 10 – October 2019.
6. **Keshherwani, B., John, V. and Maurya, A. K. “Yellow Mosaic Disease in Green Gram (*Vigna radiata* L.)”,** *AGRICULTURE & FOOD: e- Newsletter*, Article id: 22279, ISSN: 2581-8317, Volume 1 – Issue 11 – November 2019.
7. **John, V., Keshherwani, B. and Maurya, A. K., “Safety measures while using chemical pesticides”,** *AGRICULTURE & FOOD: e- Newsletter*, Article id: 22270,ISSN: 2581-8317, Volume 1 – Issue 11 – November 2019.
8. **Amit Kumar Maurya¹, Rakhi Murmu¹, Vinny John¹, Bhagyashree Keshherwani¹ and Mahesh Singh², “Important Diseases and Pests of Mushroom”,** *AGRICULTURE & FOOD: e- Newsletter* e-ISSN: 2581 - 8317 Volume 1 – Issue 12 – December 2019.
9. **Amit Kumar Maurya¹, Rakhi Murmu¹, Vinny John¹, Bhagyashree Keshherwani¹ and Mahesh Singh² “Recycling of spent mushroom waste in agriculture”,** *AGRICULTURE & FOOD: e- Newsletter* Article id: 22680, e-ISSN: 2581 - 8317 Volume 2 – Issue 1 – January 2020.
10. **Bhagyashree Keshherwani, Vinny John and Amit Kumar Maurya, Wetlands keep Environment healthy,** *AGRICULTURE & FOOD: e- Newsletter*, Article id: 22815 e-ISSN: 2581 - 8317 Volume 2 –Issue 2 – February 2020.
11. **Vinny John, Bhagyashree Keshherwani, Amit Kumar Maurya, and Sobita Simon, “Blue mold rot**

disease of onion” AGRICULTURE & FOOD: e- Newsletter, **Article id: 22925, e-ISSN: 2581 - 8317 Volume 2 – Issue 2 – February 2020.**

12. **Bhagyashree Kesharwani, Sandeep Rout, Swarup Ranjan Barik and Ajay Kumar Prusty, “Challenges and Management of Waste Disposal in India” Akshar Wangmay' UGC Care Listed, International Research Journal, ISSN: 2229-4929, Special Issue, Volume- 9- January 2021.**

Paper Presented

1. **Poster paper presented** entitled “Effect of cadmium toxicity on morphology and physiology growth parameters of Wheat (*Triticum aestivum* L.). In National Conference on “Managing Soil Resource for Environmental Sustainability: Challenges & Perspectives” organized by Institute of Environment and Sustainable Development, **BHU, Varanasi, on 9-10 Dec., 2016.**
2. **Poster Paper presented** entitled "Study of Sewage Sludge from Different Sewage Treatment Plants of Prayagraj, District, and Use for Seed Germination Percentage and Seedling Growth of Green Gram (*Vigna radiata* L.)." In **International Conference** on "Emerging Issues in Agriculture, Environmental & Applied Sciences for Sustainable Development" (EIAEASSD-18) Organized by Agro-Environmental Development Society (AEDS), on **Nov 27-29, 2018.**
3. **Oral paper presented** entitled “Effect of sewage sludge with various doses of phosphorus on physicochemical parameters and heavy metals concentration in soil depth under green gram (*Vigna radiata* L.).” In **International Seminar** on “Management of National Resources and Environmental Security” organized by Udyaniki Krishi Anusandhan Samiti, Lucknow (U.P.) India, on **November 3 2019.**
4. **Oral paper presented** entitled “Comparative Study of Sewage Sludge from Different Sewage Treatment Plants of Prayagraj with Level of Phosphorous on Growth and Yield Parameters of Green Gram (*Vigna Radiata* L.).” In **International Seminar** on “Challenges and Opportunities in Agriculture and Environment in the Scenario of Covid-19 Pandemic” organized by Udyaniki Krishi Anusandhan Samiti, Lucknow (U.P.) India, on **November 23 2020.**
5. **Oral paper presented** entitled “Challenge and management of waste disposal in India”. In **International e-Conference** on “Interdisciplinary View on Socio-Economic, Education, Management, Environment, Research, Language and Sustainable Development in Covid-19 Pandemic Situation” organized by the IQAC cell of Rashtrasant Tukdoji Mahavidyalaya, Chimur, Dist-Chandrapur, Maharashtra on **February 6, 2021.**
6. **Oral paper presented** on “Phytoremediation of nitrogen loads from drinking water using different grasses: Green technology”. In **International conferences** on “Recent Advance in Fundament and Applied Science” (RAFAS 2021), held on **June 25-26, 2021**, organized by School of Chemistry engineering and physics Sciences, **Lovely Professional University, Punjab.**
7. **Poster paper presented** on “Restoring Degraded Soils and Using Wasteland and Wetland for Sustainable Environment”. In **International Conferences** on “Emerging Sustainability Trends in Agriculture, Rural & Environmental Development”, held on **December 19 & 20, 2021**, organized by Society of Biological Science and Rural Development, Prayagraj, 211019, U.P

Abstracts Published

1. **Abstract published** entitled “Effect of cadmium toxicity on morphology and physiology growth parameters of Wheat (*Triticum aestivum* L.). In National Conference on “Managing Soil Resource for Environmental Sustainability: Challenges & Perspectives” organized by Institute of Environment and Sustainable Development, **BHU, Varanasi, on 9-10 Dec., 2016.**
2. **Abstract published** entitled “Impact of Fly Ash on Soil Quality around Feroze Gandhi Thermal Power Station (Unchahar)”. In **National Conference** on “Managing Soil Resource for Environmental Sustainability: Challenges & Perspectives” organized by Institute of Environment and Sustainable Development, **BHU, Varanasi, on 9-10 Dec., 2016.**

3. **Abstract published** entitled “**Think Globally and Act Locally to Improve Your Environment**”. In **National Seminar** on “Sustainability of Agriculture in Changing Climate Scenario” organized by **Department of Botany, University of Allahabad**, on **April 21-22, 2018**.
4. **Abstract published** entitled “**Organic farming way to sustainable agriculture**”. In **International Seminar** on “Management of National Resources and Environmental Security” organized by **Udyaniki Krishi Anusandhan Samiti, Lucknow (U.P.) India**, on **November 3 2019**.

Participated/Attended/Quiz in Conference/Seminar/Webinar

1. Attended **International Conferences** on “**Climate Change and Its Implication on Crop Production and Food Security**” organized by Mahima Research Foundation and Social Welfare in collaboration with Institute of Agriculture Science, **Banaras Hindu University, Varanasi** on **12 & 13 November 2016**.
2. Participated in **National Conference** on “Managing Soil Resource for Environmental Sustainability: Challenges & Perspectives” organized by Institute of Environment and Sustainable Development, **BHU, Varanasi**, on **9-10 Dec., 2016**.
3. Attended **International Conference** on “**Emerging Issues in Agriculture, Environmental & Applied Sciences for Sustainable Development**” (EIAEASSD-18) Organized by **Agro-Environmental Development Society (AEDS)**, on **Nov 27-29, 2018**.
4. Attended **International Seminar** on “Management of National Resources and Environmental Security” organized by **Udyaniki Krishi Anusandhan Samiti, Lucknow (U.P.) India**, on **November 3 2019**.
5. Attended online webinar on “**Ecology is the Stable Economy**” Organized by **NAHEP (ICAR)-CAAST, New Delhi**, to celebrate the “**World Environment Day**” during which Padma Bhushan and Padma Shri **Dr. Anil Prakash Joshi**, delivered a lecture on **June 5 2020**.
6. Participated in an online quiz on “**The impact of COVID-19 in Pediatrics**” Organized by **Harvard Medical School** on **June 27 2020**.
7. Participated in the **quiz competition based on the life of Gandhi** organized by NSS units of TKM college of Engineering under the auspices of NSS of APJ Abdul Kalam Technological University in connection with the 150th Birth Anniversary celebration of Mahatma Gandhi on **June 28 2020**.
8. Participated in one-day multidisciplinary International e-Conference on “**Interdisciplinary View on Socio-Economic, Education, Management, Environment, Research, Language and Sustainable Development in Covid-19 Pandemic Situation**” organized by the **IQAC cell of Rashtrasant Tukdoji Mahavidyalaya, Chimur, Dist-Chandrapur, Maharashtra** on **February 6, 2021**.
9. Attended online National Webinar on “**Ecosystem Restoration**”, organized by **Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna (M.P.)** on the occasion of **World Environment Day, June 05, 2021**.
10. Participated and qualified with honour grade in **awareness online quiz** on “**World Environment Day**” organized by **R.S.M. (PG) College Dhampur, Bijnor (U.P)** held on **June 5, 2021**.
11. Participated and qualified with a **passing score of 80%** in the **environmental awareness online quiz program** on “**World Environment Day**”, held on **June 5, 2021**.
12. Participated in **International conferences** on “**Recent Advance in Fundament and Applied Science**” (RAFAS 2021), held on **June 25-26, 2021**, organized by the School of chemistry engineering and physics Sciences, Lovely Professional University, Punjab.
13. Participated in **International Conferences** on “**Emerging Sustainability Trends in Agriculture, Rural & Environmental Development**”, held on **December 19 & 20, 2021** organized by **Society of Biological Science and Rural Development, Prayagraj, 211019, U.P.**
14. Participated in the **5th International Conference** on “**Advance in Smart Agriculture and Biodiversity Conservation for Sustainable Development**” held on **March 04-06, 2022** in **Jaipur**

National University Rajasthan organized by different reputed organizations.

Additional Responsibilities

1. Part of National Advisory Committee of International Seminar on “Challenges and Opportunities in Agriculture and Environment in the Scenario of Covid-19 Pandemic” organized by Udyaniki Krishi Anusandhan Samiti, Lucknow (U.P.) India, on November 23 2020.
2. Hosted and part of as Rapportear in International Conferences on “Emerging Sustainability Trends in Agriculture, Rural & Environmental Development”, held on December 19 & 20, 2021 organized by Society of Biological Science and Rural Development, Prayagraj, 211019, U.P. Hosted event published on different e-newspapers (with name and photo).
3. Organizing Committee Member and working as a Rapportear in National Conferences on “Recent Trends in Sciences, Technology & Management”, held on February 11 & 13, 2022 organized by Blue Bird Welfare Associated and MVIET, Kaushambi, U.P. Hosted event published on different e-newspapers (with name and photo).
4. Co-convenor in the 5th International Conference on “Advance in Smart Agriculture and Biodiversity Conservation for Sustainable Development” held on March 04-06, 2022 in Jaipur National University Rajasthan organized by different reputed organizations.

Life Membership in Society

- Life membership in Society of Biological Science and Rural Development

Reviewer

1. Reviewed paper for journal “Plant Cell Biotechnology and MolecularBiology” on July 2020.
2. Certified reviewer in the “International Journal of Engineering Research & Technology” (ISSN:2278-0181), Registration No: IJERTREW4197.
3. Received certificate of excellence in reviewing a paper for journal “Asian Journal of Biology” on December 6 2021, Certificate No: SDI/HQ/PR/Cert/77792/BHA.
4. Received certificate of excellence in reviewing a paper for “ International Journal of Plant & Soil Science” on 7 Jan 2022, Certificate No: SDI/HQ/PR/Cert/80124/BHA
5. Received certificate of excellence in reviewing a paper for “International Journal of Environment and Climate Change” on 2 Feb 2022, Certificate No: SDI/HQ/PR/Cert/83297/BHA
6. Received certificate of excellence in reviewing a paper for “PLANT CELL BIOTECHNOLOGY AND MOLECULAR BIOLOGY, on 25 Jan 2022. Certificate No: IKP/PR/Cert/10341/BHA.

Workshop Attended

1. Attended Workshop on "Ban One Time Plastic Use-Save Life Save Environmental", organized by the Directorate of Research and College of Forestry, Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj (Allahabad) – 211007, Uttar Pradesh, India, on August 28 2019.
2. Attended National Workshop on "Major Environmental and Agriculture Issues: New Development in Policy and Practices", jointly organized by Society of Biological Sciences & Rural development and Bhartiya Gau Vigyan Sewa Samiti, Prayagraj, U.P., India, on 20-26 December 2019.

Short Term Course

1. Participated in the Short-Term Course on “Design of Water Retaining Structure (DWRS)”, organized by Department of Civil Engineering, MNNIT Allahabad, Prayagraj, during October 14 –18, 2019.

Awards Received:

1. Received "Young Environmentalist Award" in National Seminar on “Sustainability of Agriculture in Changing Climate Scenario”. Organized by Department of Botany, University of

Allahabad held on 21 & 22 April 2018.

2. Received "Young Women Scientist Award" in International Conference on "Emerging Issues in Agriculture, Environmental & Applied Sciences for Sustainable Development" (EIAEASSD-18). Organized by Agro-Environmental Development Society (AEDS) and Co-Organized by SHUATS, held on 27-29 November 2018.

Computer Skills:

One Year Certificate Course on M. S. Word, M.S. Excel, M.S. PowerPoint, Page maker, Corel Draw, Internet. From Rainbow Computer, Naini, Allahabad

ResearchGate link: [Bhagyashree Kesharwani \(researchgate.net\)](https://www.researchgate.net/profile/Bhagyashree-Kesharwani)

YouTube channel link: <https://youtube.com/channel/UCcQOiJbHXTYQuiH2JLOFrDQ>

References

1. **Dr. Tarence Thomas**
Professor & Head
Dept. of Soil Science and Agriculture chemistry
SHUATS, Prayagraj, India
2. **Dr. Ram Bhaose**
Assistant Professor & Incharge
Department of Environmental Science & NRM
SHUATS, Prayagraj, India

Declaration

I certify that all the information mentioned above is correct and complete to the best of my knowledge, and nothing has been concealed /distorted.



Dr. Bhagyashree Kesharwani

Assistant Prof., Dept. of Agri.,
KPHEI, Prof. Rajendra Singh, State University,
Prayagraj, U.P. India