



Dr. Geeta Singh,
Assistant professor, Department of Chemistry
D.D.U. Gorakhpur University, Gorakhpur
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- **Academic Qualifications**

- Ph.D. (Chemistry) entitled as “A study of Organochlorine Pesticide Residues and Heavy metals in fresh water fishes of Agra regions” from Dr. B.R. Ambedkar University, Agra in 2009.
- M.Sc. (Post Graduation in Organic Chemistry) from St. Andrews College Gorakhpur, India in 2002.
- B.Sc. (Zoology, Botany and Chemistry) from St. Andrews College Gorakhpur, India in 1999.
- Bachelor of Education from C.C.S. Meerut University, India in 2011.

- **Research Specialization:** Analytical Chemistry, Environmental Chemistry, Pesticide residues and Heavy metal analysis.

- **Teaching Experience:** Total 7 years

- Pre-Ph.D. Course
- Postgraduate Course (MSc)
- Undergraduate Course (BSc.)
- Professional courses like MSc. Industrial Chemistry, BSc. Industrial Chemistry and B.Tech.

- **Awards:**

- Received award for “Remarkable contribution in Teaching and Excellent research work in the field of Higher education” on Teachers Day, 05/09/2022 from D.D.U. Gorakhpur University, Gorakhpur

- Received award for “Indo Asian Best Teacher in Organic Chemistry” on World Teachers Day, 05/10/2021 International Multidisciplinary Research Foundation (IMRF), India.
 - Received award for “Remarkable contribution in Teaching and Excellent research work in the field of Higher education” on Teachers Day, 05/09/2021 from D.D.U. Gorakhpur University, Gorakhpur.
 - Best poster presentation award for paper entitled “Chlorinated Pesticide Residues in Human Milk of Agra Region in National Conference on current issues of plant sciences: Health and environmental aspects (8-9 October, 2004) in St. John’s college Agra.
- **Teaching/ Administrative work in DDU Gorakhpur University**
 - Working as Assistant Dean of Student Welfare, DDU Gorakhpur University, Gorakhpur 2023-24.
 - Member of Proctorial Board, DDU Gorakhpur University, Gorakhpur. 2022-23
 - Member of Internal Quality Assurance Cell (IQAC), DDU Gorakhpur University, Gorakhpur.
 - Member of Departmental Research Committee (DRC), Department of Chemistry, DDU Gorakhpur University, Gorakhpur.
 - In-charge of Library, Department of Chemistry, DDU Gorakhpur University, Gorakhpur.
 - Member of Board of Studies (BOS), Department of Chemistry, DDU Gorakhpur University, Gorakhpur.
 - Conducting Practical exams as Internal and external examiner of B.Sc. and MSc. in various colleges affiliated to Gorakhpur University.
 - Done all the assigned examination duties since 02.07.2018.
 - Done Evaluation Work for the B.Sc., M.Sc., MSc. Industrial Chemistry, BSc. Industrial Chemistry examination copies.
 - Setting of Question paper for various
 - Setting and evaluation of Question paper for Undergraduate and Postgraduate courses and Professional courses like MSc. Industrial Chemistry, BSc. Industrial Chemistry and B.Tech.

- Online evaluation for Post graduate courses.
- Develop E-Content for the undergraduate and postgraduate courses and uploaded on E-Pathshala.
- **Co-Coordinator** for NAAC Evaluation for Criteria 2 “Teaching-learning and Evaluation”
- **As a Convener**, Organized National Seminar on “Emerging trends in Sciences” during 1-2 February 2019 at M.P.P.G. College, Gorakhpur
- **As a Team Member**, organized National Webinar on “Leveraging Science and Technology to Combat COVID-19” organized by Faculty of Science, DDU Gorakhpur University on May 23-24, 2020
- **As a Nodal officer** in Mission Shakti Programme (22 -30 November, 2020)
- **Worked as a Rapporteurs** in National Webinar cum Seminar on Sustainable Development of Purvanchal: Issues, Strategies and Way Forward on 10-12th December, 2020.
- **As a Team Member**, organized International Wetland Day Seminar organized by Department of Chemistry, DDU Gorakhpur University on 2nd February, 2021
- **As an Organizing Secretary** organized International Women’s Day, *COE Sponsored* Seminar-cum-Webinar on Women in Leadership: Science organized by Department of Chemistry, DDU Gorakhpur University on March 08, 2021.

- **Membership of Academic Societies**

- Life membership of Society of Pesticide Science of India (SPS).
- Life membership of International Society of Environmental Botanists (ISEB).

- **Training Programmes:**

1. **Orientation Course:** Organized by UGC HRDC, DDU Gorakhpur University on 4th -24th January 2020 (21 days).

2. **Faculty Development Programme**

- Teaching-Learning Center, Indian Institute of Technology, Varanasi (IIT-BHU) on June 15-19, 2020 (Five days)
- Chemistry and Environmental Department, M.M.M. University of Technology, Gorakhpur on 21-25 September 2020 (Five days)
- Department of Chemical Engineering, Pondicherry Engineering College, Puducherry on Environmental and Sustainable Chemical Engineering during 10th December – 23th December, 2020 (14 days).
- Professional Development Programme for Faculties in Higher Education: New Perspectives of Teaching Learning and Research”, June 23-29, 2021 organized by UGC-HRDC and ICT Cell, DDU Gorakhpur University, Gorakhpur, UP, India.

3. Short Term Training Programme: Organized by Pondicherry Engineering College, Puducherry on 29th October – 4th November 2020 (7 days).

4. Refresher Course: Organized by UGC HRDC, DDU Gorakhpur University on 11th -24th September 2021 (14 days).

- **Projects Ongoing**

- **As Principal Investigator:** UGC-BSR Research STARTUP Grant (Project No. F. 30-505/2020(BSR): Establishment of a Laboratory Facility for Quicker Estimation of Pesticide Residues in Local Food Commodities (10 lakhs)) (Completed).
- **As Co- Investigator:** DST, New Delhi sponsored Grant (Development of Rice-Grain Arsenic Removal Technique/ Method for Rural Population of Arsenic affected Areas (49 lakhs) (ongoing).
- **As Co- Investigator:** ICMR, New Delhi sponsored Grant “Microbes based stimulation and characterization of active phytoconstituents in common medicinal plants” for RA Fellowship program (ongoing).
- **As Principal Investigator:** “Assessment of Neonicotinoid insecticides in the vegetables grown in Eastern U.P.” Submitted to U.P. CST

- **Research Experience: (Previous employment)**

Worked as Research Associate, in the Ministry of Agriculture and Co-operation sponsored project entitled “Monitoring of Pesticide Residues at National Level” in the **NABL accredited laboratory**, Project Coordinating Cell, Pesticide Residue Laboratory, All India Network Project on Pesticide Residues, Indian Agricultural Research Institute (IARI), PUSA, New Delhi.

Summary of Project:

Department of Agriculture and Cooperation, Ministry of Agriculture has started a central sector Scheme “Monitoring of Pesticide Residues at National Level” in food commodities and environmental samples during 2005-06 with the participation of various laboratories and state Agricultural Universities across the country. It is the most systematic study on the status of pesticide residues in the country till date. 35 laboratories representing different ministries and departments and different geographical locations are participating in the scheme and each laboratory represents 3-5 districts of the state

Job Highlights:

- Sampling and Sample processing.
- Residue analysis by quick, easy, cheap, effective, rugged and safe method (QuEChERS).
- Instrument handling like GC, GC-MS and LC-MS/MS.
- Monitoring data compilation of 35 laboratories across the country to ascertain status of pesticide residue status in food commodities and environmental samples and reporting to Ministry of Agriculture.
- Preparation of Annual reports and monthly reports.
- Knowledge about the accreditation of lab as per ISO/IEC: 17025: 2005
- Working as a Deputy quality manager as per ISO/IEC: 17025: 2005 and the main duties are:
 - Designing the quality management system.
 - Designing the standard operating procedures (SOPs) and work instructions
 - Responsible to issue of all QMS documents.

- Overall responsible for the document control and act as a document control officer
- Responsible for customer complaint handling.
- Overall responsible for internal audit process i.e., plan scheduling, conduct and follow up audit and maintenance of audit records.
- Overall responsible for management review meeting.
- Responsible for sending feedback forms to the customers and their analysis after receipt.
- Designing the quality assurance programme of the laboratory and to ensure corrective action plans if laboratory does not qualify /establish quality assurance criteria.

- **Trainings**

1. Two days (10–11 October, 2007) Training on *Quality Management System (ISO/IEC: 17025: 2005)* at P.C. Cell, AINP (Pesticide Residues), New Delhi.
2. Three days (18-20 September, 2008) Refresher Training Programme on *Pesticide Residue Analysis in Food Commodities and Environmental Samples by QuEChERS method* at P.C. Cell, AINP (Pesticide Residues), PUSA, New Delhi.
3. Two days (25-26 September, 2008) Training on **GC-MS** at Shimadzu, New Delhi.
4. Four days (9-12 February, 2009), Training on **Laboratory Quality Management System and Internal Audit as per ISO/IEC: 17025: 2005** at NITS (BIS), Noida.
5. One day (4th January, 2011) Training on Balance & Centrifuge Calibration by Indian Calibration Service at P.C. Cell, AINP (Pesticide Residues), New Delhi.
6. Two days (11-12 August 2011) Training on “Qualitative and quantitative API 3200 LCMS/MS” at P.C. Cell, AINP (Pesticide Residues), New Delhi.

7. Five days (22-26 November 2011), Group Training Programme on *Pesticide Residue Analysis in Food Commodities and Environmental Samples* at PC Cell, AINP (Pesticide Residues), New Delhi.
 8. Two days (8-9 December 2011) Training on “GC-MS Training with advance features” at CSE, Delhi.
 9. Five days (23-27 July 2013), Refresher Training Programme on *Pesticide Residue Analysis in Food Commodities and Environmental Samples* at PC Cell, AINP (Pesticide Residues), New Delhi.
- **Participation in Conference’s & Workshop**
 1. National Conference on current issues of plant sciences: Health and environmental aspects from 8-9 October, 2004 at St. John’s college Agra.
 2. International Symposium on Current issue in Zoology and Environmental Science held at the D.D.U. Gorakhpur University from 11-13 November, 2006.
 3. National symposium on Pesticide Myths, Realities and Remedies Organized by Society of Pesticide Science, India in Indian Agricultural Research Institute, New Delhi India during 1-4 December, 2006.
 4. International conference on “Agrochemicals Protecting Crop, Health and Natural Environment” at Indian Agricultural Research Institute, PUSA Campus, New Delhi from 8-11 January, 2008.
 5. International conference on “Recent Advances in Environmental Protection (RAEP)” at St. John’s College, Agra during 17-19 Dec, 2009.
 6. Workshop on Approved uses of Pesticides in Agriculture at NASC Complex, New Delhi on 30th August, 2010.
 7. Workshop on MRLs in commodity/food & consumer safety at NASC Complex, New Delhi during 26-28 October, 2010.
 8. National Conference on Climate change, biodiversity and conservation at St. Andrews College, Gorakhpur during 16-17 February, 2011.

9. Workshop on LC-MS/MS at AB SCIEX, Gurgaon during 25-26 November, 2011.
10. National Conference on Doubling Food Production in five Years at Vigyan Bhawan and India Habitat Centre, New Delhi during 1-3 February, 2013.
11. National Symposium on “Agrochemicals for food and Environment Safety at Indian Agricultural Research Institute, New Delhi India during 28 – 30 January 2015.

• Publications

1. **Geeta Singh**. Impact of Pesticides on the Environment and Health. In Proceeding of National Conference on Environment, Technology and Sustainable Rural Development at D.V.N.P.G. College, Gorakhpur on 3-4 November 2023.
2. **Geeta Singh** and Seema Mishra. Drugs Discovery and Development Scenario in India. (2023). In Proceeding of National Conference on Advances and Opportunities in Drug Discovery from Natural Products (BioNatureCon-2023) on December 15-17, 2023.
3. **Geeta Singh** and Seema Mishra, Book chapter entitled “Major Environmental Contaminants: Sources and Impact on health” in Book “Futuristic Trends in Social Sciences” by Iterative International Publishers 2023. (Accepted)
4. **Geeta Singh** and Seema Mishra, Book chapter entitled “Industrial Pollution Management Approach” in Book “Heavy metal toxicity: environmental concerns, remediation and opportunities” by Springer Nature Singapore Pte Ltd. 2023. ISBN 978-981-99-0397-9. https://doi.org/10.1007/978-981-99-0397-9_17.
5. Seema Mishra and **Geeta Singh**, Book chapter entitled “Heavy metals/metalloid contamination in environment and their accumulation in food chain” in Book “Heavy metal toxicity: environmental concerns, remediation and opportunities” By Springer Nature Singapore Pte Ltd. 2023. ISBN 978-981-99-0397-9. https://doi.org/10.1007/978-981-99-0397-9_2.
6. **Geeta Singh** and Seema Mishra. QuEChERS: A Microextraction Technique for Pesticide Residue analysis in food commodities. International Journal of Advanced Research in Science, Communication and Technology. Volume 12, Issue 4, 2021, 438-443. ISSN: 2581-9429, Impact factor: 5.731. DOI: 10.48175/IJARSCT-2441.

7. Seema Mishra, **Geeta Singh**, Sanjay Dwivedi, Kiran Singh. Role of edaphic factors in accumulation and chemical speciation of arsenic in agricultural food produce. International Journal of Advanced Research in Science, Communication and Technology. Volume 12, Issue 4, December 2021, 213-217, ISSN:2581-9429, Impact factor-5.731. DOI: 10.48175/IJARSCT-2379.
8. **Geeta Singh** and Ankur Gupta, Declining Covid -19 mortality with the lockdown in India. 2021. Journal of Communicable Diseases. 2021; 53(2): 76-81, Impact factor- 1.54, DOI: <https://doi.org/10.24321/0019.5138.202129>.
9. **Geeta Singh**, Comparative study of lead and cadmium levels in freshwater fishes, 2020. International Journal of Plant and Environment 6 (4): 315-320. DOI: 10.18811/ijpen. v 6i04.12, Impact factor-1.84.
10. Book chapter entitled “The Pandemic Covid-19 and its Social impact in India” in Book “Paradigm Shift During Covid-19” in 2020. ISBN No.978-93-90110-47-6 by Swaranjali Publication.
11. **Geeta Singh**, Women Empowerment: Biggest challenge of Indian Society. 2020. Kahar Vol-7(1-2) 49-50. ISSN (e): 2395-9369.
12. **Geeta Singh**, Movement of crop protection chemicals in different environmental components, International Journal of Plant and Environment, **2019**. 5(3): 206-209, ISSN: 2454-1117, Impact factor-1.84.
13. **Geeta Singh**, Pesticides: A blessing with disguise. Kahar, **2019**. Vol-7, 1-2. ISSN (e): 2395-9369
14. **Geeta Singh**, Seasonal variations of mercury in edible tissues of *Labio rohita* and *Catla catla*. World Journal of Pharmaceutical Research, **2017**, Vol. 7, Issue 1, 600-606, ISSN: 2277– 7105, Impact factor- 5.9. DOI: 10.20959/wjpr20181-10358.
15. K.K. Sharma, V. Bhushan, C. S. Rao, K. N. Reddy, H. Bannerjee, S. Mandal, B. Singh, R.S. Battu, S. Mohapatra, S. Lekha, G. Manikrao, B. Radhika, Vandana Tripathy, Rajbir Noniwal, Poonam Shukla, A. N.Patel, Geetansh Singh, Suneeta Devi, Priya Pandey, Rahul Gautam, Shobhita Kalra, Ruchi Gupta, **Geeta Singh**, Madhuban Gopal & Suresh Walia. Persistence, dissipation and consumer risk

assessment of a combination formulation of Flubendiamide and deltamethrin on Cucumber. Food Additives & Contaminants: Part A, ISSN: 1944-0057, **2017**, DOI: 10.1080/19440049.2017.1416678, 498-511, Impact factor- 2.84.

- 16. Geeta Singh** and Anoop Kumar. Heavy metals accumulation in some freshwater fish species of Agra region, India, European Journal of Biomedical and Pharmaceutical sciences, **2017**, ISSN: 2349-8870, Vol.4, Issue: 12, 469-472, Impact factor- 4.918.
- 17.** K. K. Sharma, S. Mohapatra; A.K. Ahuja; Deepa M.; Debi Sharma; G.K. Jagdish; Rashmi N.; R.S. Battu; S.K. Sharma; Balwinder Singh; N.S. Parihar; B. N. Sharma; V.D. Kale; R.V. Nakat; A.R. Walunj; **Geeta Singh**; K. Ravivanshi. Safety evaluation of Flubendiamide and its metabolites on cabbage and persistence in soil in different agro climatic zones of India. Environment Monitoring and Assessment, ISSN: 1573-2959, **2014**, 186(6):3633-9, DOI 10.1007/s10661-014--3645-5, Impact factor- 2.129.
- 18.** K.K. Sharma, Balwinder Singh, Kousik Mandal, Sanjay K. Sahoo, Hemanta Banerjee, Tirthankar Banerjee, Sankhajit Roy, Paresh G. Shah, Hemlatta K. Patel, Anil R. Patel, S. Naseema Beevi, Thomas George, Thomas B. Mathew, **Geeta Singh**, Rajbir and Suneeta. Persistence and risk assessment of Spiromesifen on tomato in India: A multilocational study. Environment Monitoring and Assessment ISSN: 1573-2959, **2014**, 186 (12), 8453-61, DOI 10.1007/s 10661-014--3645-5, Impact factor- 2.129.
- 19.** K.K.Sharma, Irani Mukherjee, Balwinder Singh, Sanjay K. Sahoo, N.S.Parihar, B.N.Sharma, V.D.Kale, R.V. Nakat , A.R.Walunj, Saudamini Mohapatra, A.K. Ahuja, Debi Sharma, **Geeta Singh**, Rajbir Noniwal , Sunita Devi. Residual behavior and risk assessment of Flubendiamide on tomato at different agro-climatic conditions in India. Environment Monitoring and Assessment, ISSN: 1573-2959, **2014**, 186 (11):7673-82, DOI 10.1007/s10661-014-3958-4, Impact factor- 2.129.
- 20. Geeta Singh**, Tomar A, Singh D and Joseph., P.E. Toxicity of Cadmium to Fish Journal of Applied Bioscience, ISSN: 0975-864x, **2012**, 38 (1): 23-27.

21. V.D. Kale, A. R. Walunj, R. S. Battu, Sanjay K. Sahoo, Balwinder Singh, M. Paramasivam, Sankhajit Roy, Tirthankar Banerjee, Hemanta Banerjee, Cherukuri Sreenivasa Rao, D. Jagdishwar Reddy, Narasimha Reddy, C. Narendra Reddy, Vandana Tripathy, M. Jaya, Shashi Pant, Monika Gupta, **Geeta Singh**, K.K. Sharma. Assessment of Flubendiamide residues in pigeon pea in different agro-climatic zones of India. *Environment Monitoring and Assessment*, ISSN: 1573-2959, **2011**, DOI 10.1007/s 10661-011-2261-x, Impact factor- 2.129.
22. **Geeta Singh** and Amit Masih. Impact of climate change on agriculture and the pesticide usage. *International Journal of Biological Technology*, 2011, 2 (*Special Issue*) Page: 68-72, ISSN: 0976 - 4313
23. **Geeta Singh**. Status of Pesticides in India and its effects. *Vimarsh* ISSN: 0976-0849, **2011**, 5229-5235.
24. Kumar A, Dayal P, Shukla G, **Singh G.** and Joseph, P.E. DDT and HCH residues load in mother's breast milk: A survey of lactating mothers from remote village in Agra region. *Environmental International*, ISSN: 0160– 4120, **2006**, 32, 248-251, Impact factor- 7.3.
25. Kumar A, Dayal P, **Singh G.** Prasad, F.M and Joseph, P.E. Persistent Organochlorine pesticide residue in milk and butter in Agra city, India -A case study. *Bulletin of Environment Contamination and Toxicology*, ISSN: 1432-0800, **2005**, 75 (1): 175-179, Impact factor- 1.48
26. Kumar A, **Singh G.**, Bhanti M, Bhaudaria V.P.S., Prasad F.M., Taneja A and Joseph, P.E. Organochlorine pesticide residue in human milk in Agra city. In *Proceeding of National symposium on Environment in Shillong*, **2004**, 364-367.
27. Kumar A., Shukla G., Lawrence A.J., Dayal P., **Singh G.**, Taneja A., Prasad F.M. and Joseph P.E. **2004**. In *Proceeding of International workshop on Marine pollution and Ecotoxicology in Goa, India* pp: 143-145.

Oral Presentation

1. Presented a paper entitled "Determination of Organochlorine Pesticide Residues in Freshwater Fish Species in Agra, India" in international conference on "Recent

Advances in Environmental Protection (RAEP)” organized by St. John’s College, Agra during 17-19 December, 2009.

2. Presented a paper entitled “Re-validation of Expired Certified Reference Material (CRM)”. in National Symposium on “Agrochemicals for food and Environment Safety” organized by Indian Agricultural Research Institute, New Delhi, 28-30 January, 2015.
3. Presented a paper entitled “Seasonal variations of Lead and Cadmium in edible tissues of *Labio rohita* and *Catla catla*” in National conference on “Emerging trends in Sciences” during 1-2 February, 2019 organized by M.P.P.G. College, Gorakhpur.
4. Presented a paper entitled “Seasonal variations of Organochlorine Pesticides in edible tissues of fresh water fishes” in National conference on “Smart Materials and Sustainable Technologies (NCSMST)” during 23 & 24 February 2019 organized by Department of Chemistry, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur.
5. Presented a paper entitled “Renewable energy sources and its significance” in National Seminar on “World energy scenario and Indian-Subcontinent: Challenges and Opportunities” organized by M.P.P.G. College, Gorakhpur on October 05-06, 2019.
6. Presented a paper entitled “Contribution of Nathpanth in the field of Education” in National Conference on “Nathpanth Vishvakosh Nirman: Different Dimensions of Planning and Implementation” organized by Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur on December 14-15, 2019.
7. Presented a paper entitled “Co-relation between Climate change and pesticide usage” in National conference on Climate change: Agriculture, Biodiversity and Human health during February 22-23, 2020 organized by CSIR-NBRI, Lucknow.
8. Poster presentation entitled “Women in 21st Century- Major Challenges & Opportunities” in International Webinar on Women in Science: Opportunities and Challenges organized by Isabella Thoburn College, Lucknow on May 8, 2020.

9. Presented a paper entitled “The Pandemic COVID-19 and its Social impact in India” in International Webinar on Socio-economic & political impact of Covid-19 organized by Indian Association for Management Development (IAMMD) during May 10-11, 2020.
10. Presented a paper entitled “Status and Potential impact of COVID-19 in India” in National Webinar on Stress management in Covid-19 organized by The Internal Quality Assurance Cell (IQAC), D.B. College, Madhubani, Bihar on May 15, 2020.
11. Presented a paper entitled “Advanced Microextraction Techniques Using New Materials for Better Extraction of Analytes from Samples” in “National Seminar on Applied Research” held online at Research Development Cell, Sharda University, Greater Noida, UP, India on 21-22 October 2021.
12. Presented a paper entitled “QuEChERS: A Microextraction Technique for Pesticide Residue analysis in food commodities” in International Conference on Sustainable and Futuristic Materials (SFM-2021) at Department of Chemistry, Kamla Nehru Mahavidhyalaya, Nagpur on 29-30 November 2021.
13. Presented a paper entitled “Impact of Pesticides on the Environment and Health” in National Conference on Environment, Technology and Sustainable Rural Development at D.V.N.P.G. College, Gorakhpur on 3-4 November 2023.
14. Presented a paper entitled “Drugs Discovery and Development Scenario in India” in National Conference on Advances and Opportunities in Drug Discovery from Natural Products (BioNatureCon-2023) on December 15-17, 2023.

Invited Guest lecture

1. **Invited Guest lecture** on the topic “Role of Pesticides in Agriculture in light of Environmental and Food Safety” at M.P.P.G. college, Jungle Dhusar, Gorakhpur on 24.08.21.
2. **Invited Guest lecture** on the topic “Toxicity of Pesticides on Health and Environment” at Mahayogi Gorakshnath University, Gorakhpur on 19.12.2021.
3. **Invited Guest lecture** on the topic “Doorway to Agrochemicals in light of their Environmental fate” in National Conference on “Molecules to Materials for

Sustainable Development” organized by Department of Chemistry, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur on 25-26 March 2022.

4. Invited Guest lecture on the topic “Strong Relation between Ayurveda and Analytical Chemistry” at Gorakshnath institute of Medical Sciences, Ayurveda college, Gorakhpur on 07.04.2022.

5. Invited Guest lecture on the topic “Advanced Microextraction Techniques for Excellent Extraction of Pesticide Residues” at Mahayogi Gorakshnath University, Gorakhpur on 02.09.2022.

• **Abstracts:**

1. Heavy metals (Pb, Cd, Hg) and Organochlorine pesticides in freshwater fishes: Risk Evaluation for consumers, **Geeta Singh**, accepted for the poster presentation in Sixth International Conference on Plants & Environmental Pollution (ICPEP-6) to be held at the CSIR-National Botanical Research Institute, Lucknow, India, (27-30 November, 2018), Page no.-112.
2. Heavy metals Contamination in two Freshwater Fish Species (Labeo rohita and Catla catla) in Agra region, **Singh G.** and Joseph, P.E, In Proceeding of International conference on “Recent Advances in Environmental Protection (RAEP)” at St. John’s College, Agra, 17-19 December, 2009, pp 254.
3. Monitoring of Endosulfan Residues in Commercial Fishes of Agra Region, **Singh, G.** and Joseph, P.E, In Proceeding of 2nd Congress on Insect Science in PAU, Ludhiana, February 22-23, 2008, pp 272.
4. Assessment of persistent Organochlorine pesticide residues in dairy milk of Agra city by using C-18 and graphite carbon black phase extraction and clean up method, Kumar A, Shukla G, Dayal P, **Singh G**, Jilani A, Prasad F.M., Taneja A, Joesph, P. Accepted for the poster presentation in 41st Annual Florida Pesticide Residues Workshop at Walt Disney, Lake Buena Vista Florida, July 18 –21, 2004.
5. Risk Assessment of Hexachlorocyclohexane Residues in mother’s milk of Agra region, Dayal P, Kumar A, **Singh G**, Prasad F.M. and Joesph, P.E. In Proceeding of

National symposium on Pesticide Myths, Realities and Remedies in IARI 2004, pp 111.

- **Webinars Attended**

1. National webinar on Leveraging Science and Technology to Combat COVID-19 organized by Faculty of Science, DDU Gorakhpur University on May 23-24, 2020.
2. National webinar on Medicinal and Aromatic plants for boosting immunity in the era of Covid-19 organized by Department of Botany, D.D.U. Gorakhpur University on 29 May, 2020.
3. International Webinar on Impact of COVID-19 on Environment, Economy and Ethical Empowerment organized by St. Andrews college, Gorakhpur on June 05- 06, 2020.
4. National Webinar on Social, Cultural and Scientific Dimensions of Nath-Panth organized by Mahayogi Guru Sri Gorakshnath Shodhpeeth (MYGSGSP) on June 21- 22, 2020.
5. International Webinar on Trends in Sustainability: Regenerative Agriculture organized by Department of Botany, M.G.P.G. College, Jungle Dhusar, Gorakhpur on June 26-27, 2020.
6. Online Workshop on Computer Aided Drug Design using BIOVIA Discovery Studio organized by Department of Physics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, during 13 & 14 August 2020
7. National Webinar on Challenge of Higher Education and New Education Policy organized by Shaheed Bandhu Singh Degree College, Sardarnagar, Gorakhpur on 11- 12 September, 2020.

8. National Webinar on New Education Policy organized by B.Ed Department, M.G.P.G. College, Jungle Dhusar, Gorakhpur on 25 September, 2020.
9. National Webinar on contribution of indian women scientists in chemistry Organized by Vigyan Bharti Malwa Prant, School of Studies in Chemistry & Biochemistry and Institute of Pharmacy, Vikram University, Ujjain, M. P., India on 5 October, 2020.

- **Personal Details:**

Father's Name: Late Mr. J. B. Singh
Date of Birth: 19 February 1980
Category: General (Hindu)
Marital Status: Married
Address: 8A, Infront of DIG Banglow, Bilandpur, Gorakhpur

References:

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Dr. P. E. Joseph Principal
 St. John's College, Agra
 Email: pej3@hotmail.com

I hereby declare that all the information cited above is true to my knowledge.

(Geeta Singh)