

CURRICULUM VITAE

1. Name : DR. SHIVANI GUPTA
2. Father's Name : Late Santosh Gupta
3. Date of Birth : 06 July 1986
4. Designation : Guest lecturer
5. Name of Department : Zoology
6. Date of First Joining : 22/10/2021
7. Date of Joining in College : 22/10/2021
8. Contact Number : 9981467835
9. Email ID : sgupta.shivani06@gmail.com
10. Academic Qualifications :



S.N.	Qualification	Year of Passing	College/ Institute	University	Subject
1	B. Sc	2007	K.G. Arts & science college, Raigarh (C.G.)	G.G.U. Bilaspur (C.G.)	Zoology, Botany, Chemistry
2	M. Sc	2009	K.G. Arts & science college, Raigarh (C.G.)	G.G.U. Bilaspur (C.G.)	Zoology
3	M.Phil.	2010	University Teaching Department	CVRU, Bilaspur (C.G.)	Zoology
4	Ph.D.	2017	School of Studies in Life Sciences, Pt. RSU, Raipur	Pt. RSU Raipur (C.G.)	Zoology
5	Certification on Health Research Fundamentals	2018	NPTEL in association with ICMR-NIE, Chennai & IIT, Madras.	ICMR- NIE, Chennai (TN)	Epidemiology

11. **Master/M.Phil. /Ph.D.** (Dissertation/Supervision): Master's degree Supervision.
12. **Research Area:** Environmental toxicology, expert in human fluoride toxicity, health risk assessments & toxicokinetic studies on animal models.
13. **Teaching Experience:** 07 years at U.G. & P.G. levels as guest lecturer.
 - Asst. Professor (Zoology), contractual basis at Govt. M.M.R. College, Champa for the period September 2010– May 2011.
 - Guest Lecturer (Zoology) at Govt. Nagarjuna P.G. College of Science, Raipur (August 2017- February 2018).
 - Guest Lecturer (Zoology) at Govt. Nagarjuna P.G. College of Science, Raipur (August 2018 to February 2019).
 - Guest Lecturer (Zoology) at Govt. Nagarjuna P.G. College of Science, Raipur (September 2019 to February 2020).
 - Guest Lecturer (Zoology) at Govt. Nagarjuna P.G. College of Science, Raipur (March 2021 to August 2021).

- Guest Lecturer (Zoology) at Govt. Rewati Raman Mishra College, Surajpur (22 September 2021 to June 2022).
- Guest Lecturer (Zoology) at Govt. Rewati Raman Mishra College, Surajpur (02 September 2022 to present).

14. **Work Experiences:**

- i) Worked at Pt. Jawahar Lal Nehru Medical College Laboratory as recognized fluorosis expert for fluoride detection in admitted patient's samples.
- ii) Worked as fluoride expert at CGMSC, Raipur, C.G., contributed for procurement & establishment of fluoride testing labs in 7 districts of Chhattisgarh.

15. **Awards/Achievements/Scholarships-**

- UGC-BSR JRF 2012-2014.
- UGC-BSR SRF 2014-2016.
- "11th CCOST Chhattisgarh Young Scientist Award in Zoology, 2013.
- Best poster presentation award on paper entitled "Biochemical alteration due to accumulation of fluoride in fresh water cat fish *Clarias batrachus*" presented in national conference on "Prospects in life sciences: Paradigm shift in teaching and research in zoological sciences and the second Chhattisgarh congress of the zoological society of Chhattisgarh (ZSC)" held on 2nd to 3rd March 2016 at Govt. Nagarjuna post graduate college Raipur. C.G.
- "Niloufer Chinoy Award" & cash prize of Rs. 11000/- for best oral presentation on paper entitled "Epidemiological risk assessment in some fluoride endemic villages of Chhattisgarh, India" presented in XXXIIIrd conference of the "International society for fluoride research" held on 9th to 11th November 2016 at ICMR-National institute of Nutrition, Hyderabad, India.
- Best poster presentation "Young scientist" award on paper entitled "DNA damage in human peripheral lymphocyte cells associated with chronic fluoride toxicity (An epidemiological study from power hub of Central India)" presented in International Conference on Emerging Researches in Biosciences held on 28th to 31st October 2018 at Department of Zoology, Guru Ghasidas Central University Bilaspur, C.G.

16. **Publications (Books/Research Papers/Articles).**

- Gupta S and Poddar AN (2014): Sodium Fluoride toxicity in fresh water cat fish *Clarias batrachus*(Linn.):Effect on the erythrocyte morphology and antioxidant enzymes. *Research Journal of Environmental Toxicology*, 8:68-76.
- Gupta S, Pervez S and Poddar AN (2015): Endemic fluoride toxicity in District Korba, Chhattisgarh. *Journal of Ravishankar University*, 28:56-61.

- Gupta S, Pervez S, Kumar C and Poddar AN (2023): Receiver operating curve (ROC) analysis for fluorosis using simple blood parameter neutrophil lymphocyte ratio. *Biochem. Cell. Arch.*, 22:3969-3974.
- Gupta S, Pervez S and Poddar AN (2023): DNA damage in human peripheral lymphocyte cells associated with chronic fluoride toxicity (An epidemiological study from power hub of Central India). (Paper communicated).
- Gupta S, Mishra P and Poddar AN (2023): Biochemical alteration due to accumulation of fluoride in fresh water cat fish *Clarias batrachus* (Acute toxicity experiment). (Paper communicated)
- Gupta S, Pervez S and Poddar AN (2023): Epidemiological health risk assessment in some fluoride endemic villages of Chhattisgarh. (Paper communicated).

17. Orientation/Refresher Course/FDPs

- Attended Faculty Development Program (FDP) on “Moodle Learning Management System” Organized by Atal Bihari Vajpayee University, Bilaspur C.G. in association with IIT, Bombay (An Initiative of National Mission on Education through ICT, MHRD, GOI) from 12th May to 17th May, 2020.
- Attended Faculty Development Program (FDP) on “HTML and ExpEYES software” organized by Department of Physics of S.V.P. College, Bhabhua, Bihar in association with IIT, Bombay (An Initiative of National Mission on Education through ICT, MHRD, GOI) from 14th May to 27th May, 2020.

18. College Responsibilities:

Teaching & practical's, academic work, examination duty & supervision of dissertation work

19. University Responsibilities: None

20. Membership: None

21. Others (Training/Workshops/Extra-Curricular activities):

- **Trainings & Workshops-** Attended National workshop on” Immunological Techniques” organized by Govt. Nagarjuna post graduate college Raipur C.G.
- Attended Interaction (training) program on Sciences and Life Sciences held on 23rd to 25th March,2013 at Academic staff college, Pt Ravishankar Shukla University, Raipur.
- Attended workshop on “Ground Water Issues and Challenges in Chhattisgarh State with Special Reference to its Conservation, Security and Quality” held on 5th November, 2015 at Raipur and organized by Central Ground Water Board, Raipur, Chhattisgarh.

- Attended Training program on “Single cell gel electrophoresis (Comet Assay)” from 23rd to 27th November, 2015 at CSIR- Indian Institute of Toxicological Research, IITR, Lucknow.
- Participated UNICEF training program as an invited resource person on Survey on fluorosis in population in three districts of Chhattisgarh.
- Attended Workshop on” Community led fluorosis mitigation in Chhattisgarh” & presented on the topic “Fluoride toxicity in Block Podi- Uproda district Korba, Chhattisgarh” from 25th to 26th May, 2017 at Raipur. Organized by Department of Health & Family Welfare, Govt. of Chhattisgarh in collaboration with UNICEF & Samarthan (NGO).
- Attended workshop conducted by “Commission for Scientific and Technical Terminology” Ministry of Human Resource Development, Department of Higher Education, from 20th to 21st January, 2018.
- Online E-Training program cum workshop as labinar certification on Real Time PCR- Application on Clinical Diagnosis conducted by Thermo Fisher Scientific in association with SIRTIS- Pharmacy (Sagar group of institutions), Bhopal, M.P.
- Online training certification on COVID-19 and other infectious Viruses: Molecular characterization and containment through medicinal plants and ayurvedic remedies conducted by DNA Labs, A center for applied sciences (DLCAS) Dehradun, Uttarakhand in association with Ranchi University, Jharkhand.
- Participated workshop cum training program on “Natural Products from Marine Bioresources” (Virtual Mode), organized by CSIR- National institute of oceanography, Goa under CSIR integrated skill initiative held on 30-31 March, 2021.
- Attended workshop conducted on “Mushroom Production and its Post harvesting technology” from 5th May 2021 to 11th May 2021 (7 Days) at Govt N.P.G. College of Science, Raipur, Chhattisgarh.
- Invited as guest speaker for topic “Environment Impact Assessment and Water Toxicology” organized by Department of Zoology, Govt. R.R.M.P.G. College, Surajpur C.G. from 20th to 21th May 2021
- Participated International conference on “Animal Diversity: Local to Global” as an “organizing committee member” held at Govt. N.P.G. college of science, Raipur, from 14th June 2021 to 16th June 2021.
- Presented as invited young scientist’s awardee at a program conducted under Azadi ka Amrit Mahotsav by Human Resource Development, C.G and jointly organized by DST, GOI & CCOST, C.G. on 27/10/2021
- **Extra-Curricular activities:** -State level participation in basketball and badminton during graduation and post-graduation level.

Declaration

I do hereby declare that all the information's are true, complete and correct to the best of my knowledge.

Place- Surajpur (C.G.)

Date- 01.02.2023

A handwritten signature in black ink, appearing to read 'Shivani', written in a cursive style with a horizontal line underneath.

Signature