

Curriculum Vitae

BINDUSHREE BAGHEL

Ph.D., CG-SET

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Objective:

Seeking a quality environment where my skills and knowledge can be shared and enriched and working out for the development of the organization. I consider myself as a person with positive attitude, who works hard in each and every activity taken up and thereby, achieves excellence.

Educational Qualification:

Exam	Year	University/Board	Name of Institution	Stream
Ph.D.	2019	Pt. R.S.U. Raipur	Pt. R.S.U. Raipur	Zoology
M.Sc.	2010	GGU	Govt. E.V.P. College, Korba	Zoology
B.Sc.	2005	GGU	Govt. K.N. College Korba	CBZ
12 th	2002	CG Board Korba	H.S.S. Ghordewa	Biology
10 th	2000	MP Board Bhopal	H.S.S. Ghordewa	Hindi, English, Science, Social Science, Sanskrit, Mathematics

Ph.D. Detail:

Title of Ph.D. Thesis: Synergistic effect of Cypermethrin and L-dopa on reproduction and development in Japanese Quail, *Coturnix coturnix japonica*.

Ph.D. Supervisor: Prof. S. K. Prasad

Research Centre: School of Life Science, Pt. Ravishankar Shukla University, Raipur (C.G.).

Exam Qualified:

State Eligibility Test (SET) conducted by CG-VYAPAM -2018 in the discipline of Life Science.

Teaching Experience:

- Currently I am working as Assistant Professor (**Guest faculty**) in Center for Basic Science at pt. Ravishankar Shukla university, Raipur
- Previously working as Assistant Professor in School of Science in MATS University, Raipur from **February 2021 to August 2024**.
- Served as an **Ad-hoc** Faculty in Zoology Department, Guru Ghasidas Vishwavidhalaya (C.G.) in the session **2019-2020**.

Work Experience:

- Four Research Scholars are working under my Guidance in MATS University, Raipur (C.G.).
- I had been appointed as an External Examiner for practical course and Dissertation viva subjects of B.Sc. and M.Sc. at Sri Rawatpura University, Raipur (C.G.) and Anjaneya University, Raipur (C.G.).
- I have also been appointed as Question Paper setter for Shri Shankaracharya Professional University, Bhilai (C.G.) Term End Semester examination of B.Sc. and M.Sc Course.
- Four Postgraduate student's dissertation work has been supervised by me at Guru Ghasidas Vishwavidalaya, Bilaspur (C.G). during the session 2019-2020

Publications (Research Paper/ Book/ Abstract):

Research Paper published:

1. **Baghel, B.** and Prasad, S. K. (2015). Dose Dependent Effects of Cypermethrin on Reproductive Indices in Japanese quail. *Journal of Ravishankar university*. 28(2), 51-55.
2. **Baghel, B.** and Prasad, S.K. (2016). Role of Gonadotropin- Inhibitory Hormone (GnIH) in Reproduction of Animals. 3(6), 262-267.
3. **Baghel, B.** and Prasad, S. K. (2021). Protective role of l-dopa against cypermethrin induced toxicity on egg production, quality, hatchability and embryonic development in Japanese quail. *J. Exp. Zool. India* 24, 733-738.
4. **Bindushree Baghel** and S. K. Prasad (2021). Protective role of L-Dopa against cypermethrininduced reproductive toxicity in Japanese quail. *Biochem. Cell. Arch.* 21(1).

5. Sharma S. and **Baghel, B.** (2022). Assessment of water quality index for drinking purpose: A study of Bhelwa lake, Durg, Chhattisgarh. *YMER*, 21, 397-408.
6. Sharma S. and **Baghel, B.** (2022). A study on assessment of drinking water quality of shitla lake, Durg Chhattisgarh using water quality index (WQI) tool. *IJFANS*, 11, 1-5.
7. Sharma S. and **Baghel, B.** (2022). Diversity and distribution of freshwater fish assemblage of Bhelwa lake of Durg Chhattisgarh. *UIJMSR*, 6, 21-27.
8. **Singh A. and Baghel B.** (2024). A survey on Diversity of Insects in Vegetable Field of Kumhari, Durg. *Adv. Biores* , 15, 389-395

Book and Book Chapter Published:

Bindushree Baghel (2023) “Effects of Bisphenol-A on the Endocrine System” The Title of Book is ENVIRONMENTAL ENDOCRINE TOXICANTS Biology, Effects and Management. *Apple Academic press Pub.* (ISBN: 9781774912102).

Seminar, Conferences and Workshops:

International Conference

Bindushree Baghel “**Review on Impact of Bisphenol A on Human Reproductive Health**” Two days International Seminar on Indigenous Technologies for ViksitBharat@2047 at Shri Shankaracharya Professional University, Bhilai, Chhattisgarh from 29th february to 01 March 2024.

Bindushree Baghel “**Protective effect of L-dopa against cypermethrin induced toxicity on reproductive organ in female Japanese quail**” Two days International Conference on Challenges and opportunities in Biotechnology (ICCOB-2021) at Amity University Jharkhand, Rachi, India from 11th to 12th Nov 2021.

Bindushree Baghel “**Emergency, Occurrence or risk of infectious disease caused by anthropogenic environmental changes**”. Zoology Division, Career-point University, Hamirpur (H.P.), India, 27-28 November 2020. (Online International Conference)

Bindushree Baghel and S. K. Prasad “**Protective role of L-DOPA against Cypermethrin-induced neurotoxicity on egg quality and hatchability in Japanese quail**” International Conference on Emerging Researches in Bioscience (ICERB-2018), Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, October 28-30, 2018.

Bindushree Baghel and S.K. Prasad “**Protective role of L-dopa against Cypermethrin toxicity on reproductive conditions in Japanese quail**”, International Symposium on Recent Advances in Comparative Endocrinology, Madras Christian College, Chennai, India, November 29 – December 1, 2017.

S. K. Prasad, Chetna Verma and **Bindushree Baghel** “**Effect of Cypermethrin on Testis & Cloacal Gland in Japanese Quail**” International Colloquium on Endocrinology and Physiology, under the auspicious of Indian Society for Comparative

Endocrinology. Department of Zoology, Govt. D.B. Girls P.G. Autonomous College, Raipur, Chhattisgarh, 29-30 September 2014.

National Conference

Bindushree Baghel “Role of Millets in Poultry Diets” National Seminar on Role of Millets in Rural Development, Govt. Rani Durgawati College, Dist.: Balrampur (C.G.), on 10th February, 2024.

Bindushree Baghel “Cypermethrin induced toxicity on egg hatchability and embryonic development in Japanese quail” National Seminar on Rural Development: Possibilities and Challenges in the present perspectives, Govt. Rani Durgawati College, Dist.: Balrampur (C.G.), on 29th Jan., 2023.

Bindushree Baghel “A review: Effect of pesticide in the fertility in Human”, National seminar on emerging trends of multi-disciplinary research in science, technology and innovation (EMRSTI), Shri Rawatpura Univeristy, Raipur (C.G.) on 27th-28th Feb., 2023.

Bindushree Baghel “Combination Effect of Cypermethrin and L-Dopa On Testis in Japanese Quail” National conference on Appropriate technological interventions & skill for enhancing income level and reducing vulnerability to acquire socio-economic stress among rural and semi urban communities in north western Himalayas, Career point University, Hamirpur (H.P.), India, 08-09 November 2019.

Bindushree Baghel and S. K. Prasad “Effect of L-DOPA against Cypermethrin toxicity on body and testis weight of Japanese quail” National seminar on Innovative Research in Biological & Chemical Sciences, MATS School of Biological and Chemical Sciences, Raipur, Chhattisgarh on 4th March 2017.

Bindushree Baghel and S.K. Prasad “Dose dependent effect of cypermethrin on some reproductive indices in Japanese quail”, XXV national Symposium on Chronobiology Time in Biology & Medicine, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, Indian Society for Chronobiology, March 27-29. 2015.

S. K. Prasad, S. K. Dawar*, Kavita Dehare and **Bindushree Baghel “Timed administration of neurotransmitter precursor drugs on testicular responses in domestic pigeon, *Columba livia*”** II National Conference Recent Advances in Biological Sciences. School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, 25-27 November, 2013.

Workshop

13 days workshop on “**Characterization of Biodiversity of Tropical Forest Ecosystems of Achanakmar – Amarkantak, Biosphere Reserve of Chhattisgarh, India using Satellite Remote Sensing, GIS and GPS Techniques**” organized by Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh in December 24, 2012 to January 05, 2013.

Two days Workshop on “**Intellectual Property Rights & Innovation Management in Knowledge Era**” organized by Pt. Ravishankar Shukla University, Raipur, Chhattisgarh in December 30-31, 2013,

Technical skills:

I possess a good experience on operating various instruments like Rotatory Microtome, Calorimeter, Incubator, Oven, Centrifuge & Spectrophotometer.

Computer/Software Knowledge:

MS Office and Basic knowledge of Computer Application, SPSS, 16.0

Key Strengths:

Positive attitude
Patience
Ability to learn

Personal Details:

- **Mother’s Name** : **Mrs. Santra Baghel**
- **Father’s Name** : **Late Shri Sahettar Baghel**
- **Date of Birth** : July 6th, 1985
- **Marital status** : Single
- **Gender** : Female
- **Nationality** : Indian
- **Languages** : Hindi, English & Chhattisgarhi
- **Permanent Address** : D/O Shri Sahettar Baghel
Village-Urga, PO-Kudurmali,
Distt.- Korba 495674 (Chhattisgarh)

Reference:

Prof. Shiv Kant Prasad

School of Life Science, Pt. Ravishankar Shukla University, Raipur 492 010 (C.G.)
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Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Raipur

Dr. Bindushree Baghel

