



Dr. Gita Mishra  
(Assistant Professor)

**Centre/School/Special Centre: Life Sciences**

**Department: Zoology**

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**Qualifications:** M.Sc. (2013), Ph.D. in Zoology (2019)

: B.Ed., NET-LS (Education)

**Area of Interest/Specialization:** Toxicology, Hepatic-renal-brain-protection

**Experience:** 5 years, 11 months (Teaching); 12 years (Research)

**Awards and Honors:**

- Second prize in oral presentation at national conference on “Prospects of Life Science for Human Welfare with Special Reference to Chhattisgarh” & First Chhattisgarh Congress of ZSC organized by Government V.Y.T.PG. Autonomous College, Durg (CG) in 2015.
- Best presentation award at national conference on “Entrepreneur Skills in Biotechnology and its Application” organized by Guru Ghasidas University, Bilaspur (CG.) 2016.
- Chhattisgarh Young Scientist Award, Life Sciences, 2017.

**Best Peer Reviewed Publications:**

1. Ameliorative effect of *Pergularia daemia* (Forsk.) Chiov. leaves extract against antituberculosis drugs induced liver injury in rats, **G Mishra**, HK Chandra, N Sahu, SK Nirala and M Bhadauria, *Asian Pacific Journal of Tropical Medicine.*, ISSN: 1995-7645, (2018), 11, 518, DOI:10.4103/1995-7645.242310.(Impact factor:1.94).
2. Preliminarily phytochemical screening and *in vivo* safety evaluation of ethanolic extract of *Hemidesmus indicus* (Linn.), **G Mishra**, HK Chandra, N Sahu, SK Nirala and M Bhadauria, *Journal of Applied Pharmaceutical Science.*, ISSN: 2231-3354, (2018), 8, 72, DOI: 10.7324/JAPS.2018.81210. (Impact factor: 0.62).

3. Propolis modulates cellular biochemistry, antioxidants, cytokine profile, histological and ultramorphological status against antituberculosis drugs induced hepatic injury, N Sahu, **G Mishra**, HK Chandra, SK Nirala and M Bhadauria, *Asian Pacific Journal of Tropical Medicine.*, ISSN: 1995-7645, (2018), 11, 609, DOI:10.4103/1995-7645.246337. (Impact factor: 1.94).
4. *In vivo* safety evaluation and choleretic activity of ethanolic extract of *Pergularia daemia* (Forsk.), **G Mishra**, HK Chandra, N Sahu, SK Nirala and M Bhadauria, *Asian Journal of Pharmacy and Pharmacology.*, ISSN: 2455-2674, (2018), 4, 462, DOI: <https://doi.org/10.31024/ajpp.2018.4.4.14>. (Impact Factor: 0.16).
5. Effect of rutin against high-fat diet and alcohol-induced alterations in hematological variables of rats, HK Chandra, **G Mishra**, N Sahu, SK Nirala and M Bhadauria, *Asian Journal of Pharmaceutical and Clinical Research.*, ISSN: 2455-3891, (2018), 11, 186, DOI: <http://dx.doi.org/10.22159/ajpcr.2018.v11i11.27588>. (Impact factor: 0.655).
6. Qualitative and quantitative phytochemical screening and in vitro antioxidant evaluation of *Pergularia daemia*, **G Mishra**, HK Chandra, N Sahu, SK Nirala and M Bhadauria, *Flora and Fauna.*, ISSN: 2456-9364, (2018), 24, 350, DOI:10.33451/florafaua.v24i2pp350-354. (NASS: 4.55).
7. Naringenin mitigates antituberculosis drugs induced hepatic and renal injury in rats, N Sahu, **G Mishra**, HK Chandra, SK Nirala and M Bhadauria, *Journal of Traditional and Complementary Medicine.*, ISSN: 2225-4110 (2019), 10, 26, DOI: 10.1016/j.jtcme.2019.01.001. (Impact factor: 3.080).
8. Interleukin-10 gene promoter variants and susceptibility to diabetic nephropathy; A meta-analysis, **G Mishra**, S Gautam, TPK Reddy, LVKS Bhaskar, *Journal of Nephropathology.*, ISSN: 2251-8363, (2021), 10, 6, DOI: 10.34172/jnp.2021.xx. (Impact Factor: 1.20).
9. Aadil, K. R., Bhange, K., Kumar, N., & **Mishra, G.** (2024). Keratin nanofibers in tissue engineering: Bridging nature and innovation. *Biotechnology for Sustainable Materials*, 1(1), 19.
10. Aadil, K. R., Bhange, K., **Mishra, G.**, Sahu, A., Sharma, S., Pandey, N., ... & Kumar, R. (2025). Nanotechnology Assisted Strategies to Tackle COVID and Long-COVID. *BioNanoScience*, 15(2), 217.

**Research Supervision:** M.Sc. Dissertations- 24 (completed)

Ph.D. (registered) - 01 student : Ph.D. (mentor) - 01 student

**Administrative Responsibilities:**

1. Member of Standing committee, Academic Council, GGV
2. GGV-DACE, Sub-committee member
3. Skill development cell, GGV, representative faculty member of School of studies in Life Sciences.
4. GGV- Vastra Sangam Yojna, School level faculty coordinator
5. Basic Life Support training program co-coordinator

**Additional Information:**

1. Conferences/ workshops/ trainings attended or participated/ organized:

International: 04, National: 19

2. Student Council Joint Secretary (Academics) in year 2010-11 and student council Member in 2014-15.

3. National Cadet Corps: C- Certificate holder in NCC with “A” grade.

- Director General Commendation certificate (2009), Deputy Director General Commendation Certificate (2010).
- Participated in Republic day camp (New Delhi) in 2009 and in Thal Sena Camp in 2007-08.
- Best Cadet Award of MP and CG Directorate

4. Participated in Faculty Induction Programme (2020).

5. Participated in Faculty Development Programme (2021).

6. Participated in Refresher course (2021 and 2025).