

Dr. Gita Mishra (Assistant Professor)

Centre/School/Special Centre: Life Sciences

Department: Zoology

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Personal Webpage Link: No

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

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

Area of Interest/Specialization: Toxicology and Pharmacology, Hepatic-renal protection

Experience: 2.5 years (Teaching); 07 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. Ameliorative effect of naringenin against antituberculosis drugs induced alterations in hematological parameters of rats, N Sahu, **G. Mishra**, HK Chandra, SK Nirala and M. Bhadauria, *Asian Journal of Pharmaceutical and Clinical Research.*, ISSN: 2455–3891, (2018), 11, 253, DOI: http://dx.doi.org/10.22159/ajpcr.2018.v11i11.27563. (Impact factor: 0.655).
- 7. Toxicological implications of combined consumption of high fat diet and alcohol in rats, HK Chandra, **G Mishra**, N Sahu, SK Nirala and M Bhadauria., *Flora and Fauna*., ISSN: 2456-9364, (2018), 24, 385, DOI:10.33451/florafauna.v24i2pp345-349. (NASS: 4.55).
- 8. 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/florafauna.v24i2pp350-354. (NASS: 4.55).
- 9. 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).

10. 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).

Research Supervision: M.Sc. Dissertations- 12 (completed)

: Ph.D. (mentor) - 01 student

Administrative Responsibilities:

- 1. NSS, Programme Officer, Life science unit, GGV
- 2. Representative faculty member of Zoology, Entrepreneurship cell, GGV.

Additional Information:

1. Conferences/ workshops/ trainings attended or participated:

International: 04 National: 16

- 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 in Zoology (2021).