



Centre/School/Special Centre: School of Natural Resources
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GUNJAN PATIL, PhD (Forestry)

Assistant Professor

Qualifications: Ph D. (Forestry)

**Area of Interest/
Specialization:** Phytoremediation, Eco restoration and Seed Technology

M. Sc. (2007). Seed polymorphism and germination behaviour of *A. mangium* in Chhattisgarh. College of Agriculture Raipur, Indira Gandhi Krishi Vishwavidyalaya, Raipur, CG.

Topical Research (PhD). (2011). Economics of briquette production using forest residue and wood based industrial waste. Forest College and Research Institute, Mettupalayam, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.

PhD. (2013). Investigations on identifying suitable Eucalyptus species for phytoremediation of toxic metals (Pb and Cd). Forest College and Research Institute, Mettupalayam, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.

Experience: 10 Years

Awards and Honors: Highest Biology (10+2) Scorer in 2000 (Madhyamik Shiksha Mandal, Bhopal), ASRB SRF (2009), ICAR NET (Forestry) 2009, ICAR NET (Forestry) 2011, State Forest Service's- Range Officer Cleared 2012

Research Projects: Nil
International Collaboration/ Consultancy: Nil

Best Peer Reviewed Publication (UGC listed) (up-to 10):

1. **Patil, G.** 2019. The possibility study of briquetting agricultural wastes for alternative energy. Indonesian Journal of Forestry Research Vol. 6, No. 2, 133-139.
2. **Patil, G.** and Naugraiya, M.N. 2018. Phenological impression of *Acacia mangium* in Chhattisgarh, India. *Plant Archives*. Vol. 18 (1): 1151-1154.
3. **Patil, G.** and M. Faizan. 2017. Effect of Lead and Cadmium on the Fungal Population in Rhizosphere Soils of Eucalyptus species. *Environment & Ecology* 35 (4A) : 2965—2970, ISSN 0970-0420.
4. **Patil, G.** and M. Umadevi. 2014. Cadmium and lead effect on growth parameters of four Eucalyptus species. *Int. J. of Biosci.* ISSN: 2220-6655 2222-5234. Vol. 5, No. 5, p. 72-79
5. **Patil, G.,** Kumar, Sajiwan and K. R. Dhixya deve. 2012. Economics of briquette production using forest residue and wood based industrial waste in Plant Archive. Vol. 12 No. 2, pp. 725-730
6. **Patil, G.,** M. N. Naugraiya and Sajiwan. 2012. Effect of different seed treatment on germination and seedling growth in *Acacia mangium*. *Indian Journal of Tropical Biodiversity*. Vol. 20 (2)
7. Umadevi M., **Patil G.** and S. Avudainayagam. 2014. Catalase and peroxidase enzyme activities in pulp wood tree seedlings under textile sludge applied sandy loam and clay loam soils. *Journal of Biodiversity and Environmental Sciences (JBES)*, ISSN: 2220-6663 (Print) 2222-3045, Vol. 4, No. 6, p. 53-63.
8. Verma Y. and **Patil G.** 2022. Achanakmar – Amarkantak Biosphere Reserve: Development and traditional knowledge of Baiga. *Indian Journal of Traditional Knowledge (IJTK)*. 0975-1068 (Online). ISSN: 0972-5938 (Print).
9. Sharma D., **Patil G.** and Shah P. 2022. Impact of covid-19 on domestic wastes after lockdown. *Indian Journal of Ecology*. Vol. 49. ISSN: 03045250.

10. Mexudhan, J. and **Patil, G.** 2020. Quantitative assessment of species richness and diversity in pali katghora forest division and achnakmar shivtarai forest division. Plant Archives. Vol. 20 No. 1, 2087-2092.

Recent Books / Book Chapters/ Monographs etc.

S. No.	Title of the Book Chapter	Book Title and Publication
1.	Patil G., Sharma D. Shah P. and Ramesh. (2022). Impact of Covid-19 Pandemic on Women Violence.	Archana Yadav. (2022). Silent Scars: Domestic Violence APAC Business Solution Private Limited, Daryaganj, Delhi. ISBN: 978394213012
2.	Patil G. Shah P. and Sharma D. (2022). Forest Environment is the Key to Spend Quality Life.	Salini Menon. (2022). Journey to Quality Life. Sports Publication Publisher and Distributor, ISBN: 9789393781017

Research Supervision: 03

Administrative Responsibilities: Hostel Warden, Raj Mohani Devi Girls Hostel, GGV, Bilaspur (CG)

Additional Information: Coordinator of Eco Club “Green Cop” of Department of Forestry, Wildlife and Environmental Sciences, GGV, Bilaspur (CG)