

CURRICULUM VITAE

Dr Gunjan Patil

Assistant Professor

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Academic Qualifications:

S. No.	Degree	Institution	Year
1.	Ph. D (Forestry)	TNAU, Coimbatore (TN)	2013
2.	M Sc. (Forestry)	IGKV, Raipur (CG)	2008

Brief write-up on area of specialization/awards/achievements:

Area of specialization

- Identification of suitable Eucalyptus species for phytoremediation of toxic metals (Pb & Cd)
- Seed technology

Awards & Recognition:

- Indian Council of Agricultural Research- Senior Research Fellowship-2009
- Nehru award (Prashashti patra) District science topper-2001

Additional Information/ Achievements:

- Worked as Junior Research Fellow at Environment Planning and Co-ordination Organisation, Arera colony, Bhopal, MP- on "Pteridophytes"

List of Publications:

1. **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.
2. M. Umadevi, **G. Patil** 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.
3. Sajiwan Kumar, M. N. Naugraiya and **G. Patil**. 2013. Environmental benefits of live fence and their role in biodiversity conservation. Life Sciences Leaflets 3:06-16, 2013, ISSN 2277-4297(Print)0976-1098(Online)
4. Sajiwan kumar, M. N. Naugraiya and **G. Patil**. 2013. Review: environmental benefits of live fence and their role in biodiversity conservation. *Life Sciences Leaflets*, 3: 06-16.
5. **Patil, G.**, M. N. Naugraiya and S. kumar. 2012. Effect of scarification, temperature and moisture stress on seed germination and seedling growth in acacia mangium. Indian J. Trop. Biodiv. 20(2): 181 – 188.
6. **Patil, G.**, S. Kumar and Dhixya, D. K. R. 2012. Economics of briquette production using forest residue and wood based industrial waste. *Plant Archives*. Vol.12 no. 2 2012 pp. 725-

7. Sajiwan Kumar, Pratap Toppo, **G. Patil** and Pratap, Rathiya. 2012. Need for sustainable harvesting and conservation of medicinal flora in badalkhole wildlife sanctuary at northern hill region of Chhattisgarh state. *Research J. Science and Tech.* 2012; 4(2): 74-77, ISSN 0975-4393
8. Sajiwan Kumar, Pratap Toppo, **G. Patil** and Pratap Rathiya. 2012. Need for sustainable harvesting and conservation of medicinal flora in badalkhole wildlife sanctuary at northern hill region of Chhattisgarh state. *Research J. Science and Tech.* 4(2): 74-77.
9. Kumar, Sajiwan, Bargali, S. S., Rathiya P., and **G. Patil**. 2011. *Madhuca indica* a Multipurpose Tree: Services for Tribal People of Chhattisgarh” in *Educational Waves: A National Research Journal*, Bilaspur, Chhattisgarh.

CONFERENCE AND SEMINAR ATTENDED

1. International conference on Frontier discoveries and Emerging opportunities in life sciences (DST- PURSE sponsored) at Harisingh Gaur Central University, Sagar (MP). Presented Topic entitled “Toxic effect of lead and cadmium on bacterial population in the sandy loam and clayey loam soils” on 15 February 2014.
2. National seminar on “Effect of industrial pollution on biodiversity” at Govt. E. V. Post graduate college Korba (CG). Topic delivered entitled “ Phytoremediation: A Green Pollution control Technique” on 14 January 2014.
3. National seminar on Non timber forest produce, medicinal, aromatic and spices: Innovation for livelihood at Department of crop physiology, Agricultural biochemistry, herbal science, Indira Gandhi Krishi Vishwavidyalaya, Raipur (CG). Presented topic is study of the Output Input Ratio for the production of briquettes on 24 December 2013.
4. National Workshop molecular updates in biological sciences on 25 January 2014 at Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)- 495009
5. Two days national Workshop on Particle Accelerators for interdisciplinary research (under the aegis of ISPA) February 18-19, 2014 at Department of pure and applied physics, Guru Ghasidas Vishwavidyalaya, Bilaspur 495009
6. Effect of Seed Collection Period on Seed Germination and Seedling Growth in *Acacia mangium*” on Ist Indian Forestry Congress – 2011 held on 22-25 Nov. 2011 at National Academy of Agricultural Sciences NASC Complex, DPS Marg, Pusa New Delhi, India: pp 376.