

RESUME

PERSONAL PROFILE

Name : Dr. Jiwan Lal
Contact No. : 6260840586, 8959162814
Date of Birth : 06/05/1993
Nationality : Indian
Sex : Male
Marital status : Unmarried
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ACADEMIC QUALIFICATIONS

S.N.	Degree	Institution	Year	Marks (%)	Division
1	10 th	CGBSE, Raipur	2009	51.50	2 nd
2	12 th Biology	CGBSE, Raipur	2011	61.40	1 st
3	B.Sc. Forestry	Guru Ghasidas Vishwavidyalaya, Bilaspur	2017	74.47	1 st
4	M. Sc. Forestry	Indira Gandhi Krishi Vishwavidyalaya, Raipur	2019	79.80	1 st
5	Ph. D. Forestry	Indira Gandhi Krishi Vishwavidyalaya, Raipur	2022	82.90	

EXPERIENCE

- Assistant Professor (Adhoc):** Department of Forestry, Wildlife and Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), since **22 January 2024 to till date.**

2. **Junior Project Fellow (JPF):** Division of Silviculture, Forest Management & Agroforestry, ICFRE-Tropical Forest Research Institute, Jabalpur, Madhya Pradesh, from **26 June 2023 to 03 December 2023**.
3. **Junior Research Fellow (JRF):** Department of Environmental Science, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh, from **08 August 2022 to 03 March 2023**.

AREA OF INTEREST

Agro-forestry, Forest Ecology, Biodiversity, Climate Change, Remote Sensing and GIS, and NTFPs

RESEARCH ASSIGNMENT

Title of Ph.D. Thesis: Impact of Land Cover Change on Carbon Budget in Selected Forest of Central India of Achanakmaar Amarkantak Biosphere Reserve using Current Land Cover Schemes.

Title of M.Sc. Thesis: Performance of Ginger (*Zingiber officinale*) under Bamboo (*Dendrocalamus strictus*) Based Agroforestry System in Plains of Chhattisgarh.

ACHIEVEMENTS

Qualified for ICAR-NET, Agricultural Scientist Recruitment Board, New Delhi **four times** in year 2018, 2019, 2021 and 2023.

LIST OF PUBLICATIONS (12)

1. **Jiwan Lal**, Jaimangal Tirkey, Mexudhan, Digvesh Kumar Patel, Dayanand Sai Painkra, Pratap Toppo and Lalji Singh. 2024. Species Diversity of *Ex-situ* Conservation of Medicinal and Aromatic plants (MAPs) of Herbal Garden in I.G.K.V. Campus, Raipur, Chhattisgarh, India. *Plant Archives*. **24** (1) (Accepted)
2. Mexudhan, Zenu Jha, Lalji Singh, **Jiwan Lal** and Jaimangal Tirkey. 2023. Problem and its Remedy of Micropropagation in Woody Trees: A Review. *Environment and Ecology*. **41** (1C): 633-639
3. Jaimangal Tirkey, **Jiwan Lal**, M.N. Naugraiya and Mexudhan. 2022. Effect of Spacing on Growth and Yield Performance of Turmeric (*Curcuma longa* L.) in Vertisols of Chhattisgarh. *Environment and Ecology*. **40** (4D): 2835-2841
4. **Jiwan Lal**, Tarun Kumar Thakur, Shalini Toppo, Mexudhan, Jaimangal Tirkey and Lalji Singh. 2022. Structure, Composition and Diversity of Tree Vegetation of Buffer Zone of Achanakmaar Amarkantak Biosphere Reserve in Central India. *RASSA Journal*

- of Science for Society*. **4** (2& 3): 89-96. DOI No.: <http://doi.org/10.5958/2583-3715.2022.00014.4>
5. Jaimangal Tirkey, Shalini Toppo, **Jiwan Lal**, Mexudhan and Lalji Singh. 2022. Sacred Groves a Place of Biodiversity Conservation Centre: A Case Study from Jaspur District of Chhattisgarh. *RASSA Journal of Science for Society*. **4**(2 & 3): 105-108. DOI No.: <http://doi.org/10.5958/2583-3715.2022.00016.8>
 6. Mexudhan, Zenu Jha, Shalini Toppo, **Jiwan Lal**, Jaimangal Tirkey and Lalji Singh. 2022. Somatic Embryogenesis and Plant Regeneration from Shoot Tip Explants of *Buchanania lanzan*. *RASSA Journal of Science for Society*. **4** (2 & 3): 97-104. DOI No.: <http://doi.org/10.5958/2583-3715.2022.00015.6>
 7. **Jiwan Lal**, M. N. Naugraiya, Nalish Kumar Anchal, Jaimangal Tirkey and Digvesh Kumar Patel. 2022. Growth performance, biomass. Carbon storage and carbon dioxide release abatement of bamboo plantation in Chhattisgarh plains of India. *Current Science*. **123** (4): 596-600. DOI No.: <http://doi.org/10.18520/cs/v123/i4/596-600>
 8. **Jiwan Lal** and M. N. Naugraiya. 2022. Effect of Spacing on Growth and Yield Performance of *Zingiber officinale* Rosc. in Vertisols of Chhattisgarh. *Eco. Env. & Cons.***28**: S401-S406. DOI No.: <http://doi.org/10.53550/EEC.2022.v28i03s.057>
 9. **Jiwan Lal** and M. N. Naugraiya. 2022. Growth Performance of Ginger under Bamboo (*Dendrocalamus strictus*) Based Agroforestry System in Chhattisgarh. *Eco. Env. & Cons.***28**: S344-S349. DOI No.: <http://doi.org/10.53550/EEC.2022.v28i03s.050>
 10. **Jiwan Lal** and M. N. Naugraiya. 2022. Yield of *Zingiber officinale* under *Dendrocalamus strictus* based Agroforestry System in plains of Chhattisgarh. *Int.J.Curr.Microbiol.App.Sci.* **11(01)**: 184-193. doi: <https://doi.org/10.20546/ijcmas.2022.1101.021>
 11. Jaimangal Tirkey, M. N. Naugraiya and **Jiwan Lal**. 2022. Yield performance of Turmeric (*Curcuma longa*) under *Eucalyptus tereticornis* based Agroforestry System in Plains of Chhattisgarh. *Int.J.Curr.Microbiol.App.Sci.***11(01)**: 390-394. doi: <https://doi.org/10.20546/ijcmas.2022.1101.046>
 12. **Jiwan Lal** and M. N. Naugraiya. 2019. Performance of Ginger (*Zingiber officinale*) under Bamboo (*Dendrocalamus strictus*) Based Agroforestry System in Plains of Chhattisgarh. *Trends in Biosciences*. **12 (18)**, Print : ISSN 0974-8431, 00-00,

BOOK CHAPTER (1)

1. **Jiwan Lal**, Lalji Singh and T. K. Thakur. 2024. Vegetation composition of Achanakmaar Amarkantak Biosphere Reserve and its ecosystem services. In Biodiversity and Bioeconomy, 243-262. Elsevier. Doi: <https://doi.org/10.1016/B978-0-323-95482-2.00011-0>

ABSTRACT PRESENTATION IN INTERNATIONAL SEMINAR (1)

1. **Jiwan Lal**, T. K. Thakur and Lalji Singh. 2022. Species diversity of dry tropical forest of Achanakmaar Amarkantak Biosphere Reserve in Central India. ICHST/FF/2022.

TRAINAING AND WORKSHOP (6)

1. Attended Institutional Training at ICFRE-Tropical Forest Research institute, Jabalpur (M.P.) during 7th to 18 November, 2016
2. Attended Sericulture Technology at Research, Development and Training, Bilaspur (C.G.) during 1 to 9th March, 2016-17
3. Attended National Workshop on “Entrepreneurship Development through Cultivation, Processing and Value Addition of MAPs and NTFP” during 7-8th March 2018
4. Attended Short-Term Course on Remote Sensing and Geo-informatics from 16-30 September 2020.
5. Attended Training Programme on “Local ground water issues and management” held at Dindori, Dist. Dindori, Madhya Pradesh on 12-13/12/2022.
6. Attended Training Workshop on “Forest Fire Protection” Organized by Narmada Samagra and Sponsored/Supported by the MoEF&CC from 24th to 26th February 2023.