

FACULTY PROFILE



NAME: Mr. CHIRANJEEV PANDEY

DESIGNATION: ASSISTANT PROFESSOR

DEPARTMENT: ZOOLOGY

Institution: GOVT. DIGVIJAY AUTO.P.G. COLLEGE
RAJNANDGAON C.G.

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CONTACT NO.:8770834824

OVERVIEW:

	Subject/Title for PhD	Year	From (University)
Graduation	BIOLOGY	2011	Pt.R.S.U. RAIPUR C.G.
Post- Graduation	ZOOLOGY	2013	Pt.R.S.U. RAIPUR C.G.
PhD	ZOOLOGY	Perusing	Hemchand Yadav University Durg (C.G.)

COURSES TAUGHT:

1. B.SC.ISem- Non Chordate, Cellbiology, Invertebrate Zoology, Vermicomposting, Chordates, Comparative anatomy of vertebrates.
2. B.Sc. IFF II- Aquaculture
3. B.Sc. IFF III- Aquarium Management
4. M.SC.I,II,III& IV Sem Zoology- Taxonomy, Limnology, Ichthyology, Capture Fisheries.

ADDITIONAL RESPONSIBILITIES: IQAC Member, NIRF Member, Employment Guidance and Placement Cell Member.

Links of Research Related Platforms:

- **Google Scholar:**
<https://scholar.google.com/citations?hl=en&user=ndzwMIIAAAJ>
- **Researchgate:**
<https://www.researchgate.net/profile/Chiranjeev-Pandey-2/research>
- **ORCID:** <https://orcid.org/0009-0004-1496-8722>
- **Web of Science:**
<https://www.webofscience.com/wos/author/record/KTI-2723-2024>
- **Semanticscholar:** <https://www.semanticscholar.org/author/Chiranjeev-Pandey/2312809796>
- **SSRN:** https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=7000639

PUBLISHED PAPERS:29

1. Kumar, T., 1, Mishra, S., 1, Thiske, S., 2, Ali, M., 2, Bhatia, G. S., 2, Pandey, C., 2, & Government Digvijay Autonomous P.G. College. (2020). THE CLIMATE IMPERATIVE: UNDERSTANDING THE IMPACTS AND SOLUTIONS OF CLIMATE CHANGE. In *JOURNAL OF CRITICAL REVIEWS* (Vol. 07, Issue 19, p. 13278). <https://doi.org/10.53555/jcr.07.19.1453>
2. Pandey, C., Damle, K., Thiske, S., Ali, M., Bhatia, G. S., Rawte, K., & Guru, G. S. (2023). Assessing the impact of water quality parameters on fish farming and agriculture in Bagh River Deori District, Maharashtra (India). *Journal of Survey in Fisheries Sciences*, 10(3).
3. Guru, Gagan & Pandey, Chiranjeev. (2024). Assessment of Water Quality Of Shivrath River And Their Tributaries At Rajnandgaon District And Its Impact On Fish Culture. *INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS*. 12(23) 300.
4. Thiske, S., Pandey, C., & Ali, M. (2024). *Diversity of Fish Fauna: A Case Study of Rajnandgaon District, Chhattisgarh (India)*. *JOURNAL OF NOVEL RESEARCH AND INNOVATIVE DEVELOPMENT*.2(04) 196-201

5. Pandey, C., Thiske, S., Ali, M., Guru, G., & Sahu, D. P. (2024, April). *Occurrence and Habitat of Indian Painted bat (Kerivoulapicta) in Manpur, Chhattisgarh*. TIJER - INTERNATIONAL RESEARCH JOURNAL.- Volume 11 (4) 720-724
6. Pandey, C., Thiske, S., Bhatia, G. S., Ali, M., & Damle, K. (2024). First Report for Painted Globular Frog *Uperodon taprobanicus* in North Bastar Kanker District of Chhattisgarh,(India). *UTTAR PRADESH JOURNAL OF ZOOLOGY*, 45(15), 548-555.
7. Pandey, C & Mishra A (2024), Assessing The Heavy Metal Contamination On Tissue Of Fish Channa Striata (Bloch) And Its Consequent Impact On Blood Composition From River Kharun, Chhattisgarh (India). *Gis Science Journal*, 11 (07), 856-867
8. Guru, G.S., Pandey, C., Ali, M., & Thiske, S. (2024, August). *Exploring the morphological foundations of fish culture: A review*. *International Journal of Science, Architecture, Technology, and Environment*, 1(5), 69–77.
9. Kumar, T., Mishra, S., Pandey, C., & Ali, M. (2024). *Optimizing Soil And Crop Productivity Using Coal Fly Ash: A Study From Chhattisgarh, India*. *Gis Science Journal*, 11(08) 113-127
10. Pandey, Chiranjeev & Guru, Gagan Singh & Thiske, Sanjay & Bhatia, Gurprit Singh & Ali, Majid & Yadav, Akhilesh Kumar. (2024). Study of Diversity and Status Of Endemic Ornamental Fish Of Shivnath River Mohla- Manpur-Ambagarh Chowki District Of Chhattisgarh (India). *Journal of Advanced Zoology*. 45. 10.53555/jaz.v45i6.4957.
11. Gagan Singh Guru, Chiranjeev Pandey, Sanjay Thiske, Majid Ali, Gurprit Singh Bhatia, Karuna Rawte, Sonal Mishra, & Trilok Kumar. (2024). Biomedical Waste Management In Municipal Corporation Area Of Rajnandgaon, Chhattisgarh, Central India. *Journal of Population Therapeutics and Clinical Pharmacology*, 31(8), 1736-1747. <https://doi.org/10.53555/7wm2xk73>
12. Thiske, S., Pandey, C., Mishra, S., Kumar, T., Damle, K. L., Ali, M., Bhatia, G. S., & Yadav, A. (2024). Tribal Communities and Wildlife Conservation: A study of Sustainable Practices in Rajnandgaon-Kabirdham, Chhattisgarh (India). In *REDVET - Revista Electrónica De Veterinaria: Vol. Vol 25, No. 1s*. <http://www.veterinaria.org>
13. Guru, G. S., & Pandey, C. (2024). Advancing Sustainable Agriculture: Next-Generation Biofertilizers through Synthetic Biology and Nanoparticle Integration. *International Journal of Research Publication and Reviews*, 5(9), 776–783. <https://doi.org/10.55248/gengpi.5.0924.2534>

14. Pandey, C., Bhatia, G. S., Damle, K., (2024). Urban Artificial Wetlands As Critical Habitats: Observations On Migratory Birds In Rajnandgaon City Chhattisgarh (India). In *JOURNAL OF DYNAMICS AND CONTROL* (Vol. 8, Issue 9, p. 268)
15. Guru, G. S., Pandey, C., & Ali, M. (2024). *Fulfillment of the purpose of fish ranching at Sirpur Reservoir positioned on Bagh River, District of Deori, Maharashtra. Journal of Marine Science Research & Development*, 14(5), 1- 4.
16. Guru, G. S., & Pandey, C. (2024a). Application of modern techniques, drones and IoT in Indian agriculture [Review paper]. *InventumBiologicum*, 4(4), 7–15. <https://www.journals.worldbiologica.com/ib>
17. Bhatia, G. S., Siddiqui, S., & Pandey, C. (2024). Avian richness in Dongargarh-Dhaara Forest Area: A Baseline Study for Future Conservation, District Rajnandgaon, Chhattisgarh, India. *UTTAR PRADESH JOURNAL OF ZOOLOGY*, 45(19), 173–188. <https://doi.org/10.56557/upjoz/2024/v45i194515>
18. Guru, G. S., Pandey, C., Bhatia, G. S.; (2024). The Shivnath River: A Critical Analysis Of Environmental Stressors And Conservation Needs. *International Journal of Engineering Technology Research & Management*, Vol-08–Issue 11, 1–15.
19. Pandey, C., Mishra, A., Mishra, V., Kande, V., Tiwari, S., Kumar, A., Prasad, G., (2024). Impact of Heavy Metals Toxicity in Fishes: A review. *Degres Journal*, Vol-9(11)136–152.
20. Rawte, K., Damle, K. L., Thiske, S., Ali, M., Bhatia, G. S., Pandey, C., Guru, G. S., (2024). Bioremediation of pollutants in the Shivnath River: Harnessing natural processes for ecosystem restoration. *Degres Journal*, Vol-9(12)01-16.
21. Pandey, C., Mishra, S., Kumar, T., Jain, K., (2024). A Review on: Impact of Rice Mill effluents on Soil & Aquatic Ecosystem. In *TechnischeSicherheitVol-24(12)* (pp. 189–190)
22. Yadav, R., Pandey, C., & Mishra, A. (2024). Impact of seasonal changes and habitat on biochemical and antifungal property of fish mucus. *Degres*, 9(12), 17–33.
23. Pandey, C., *, Thiske, S., Rawte, K., Kumar, A., (2024). Diversity and variability of paddy pests in Rajnadgaon district of Chhattisgarh: A threat to agricultural sustainability. In *International Journal of Entomology Research* (Vol. 9, Issue 12, pp. 160–165). <https://www.entomologyjournals.com>
24. Pandey, C., Singh Bhatia, G., Damle, K. L., Sanjay Thiske, Majid Ali, & Karuna Rawte. (2024). Diversity and abundance of wetland avian fauna of Rajnandgaon

- District, Chhattisgarh, India. In *Bulletin for Technology and History Journal* (Vol. 24, Issue 12, pp. 166–167).
25. C. P. S. T. G. S. G. N. A. Mansoori, (2025). *A Review On Molluscan Diversity In Freshwater Habitats: Implications For Conservation And Aquatic Health*. *International Journal Of Engineering Sciences & Research Technology* .(Vol 14 (2)1-8).
26. Pandey, C., & Mishra, A. (2025). *Estimation of heavy metals in the water of Kharun at the convergence point of industrial effluents near Kumhari, Durg, Chhattisgarh, Central India*. *International Journal of Pharmacology & Biological Sciences*, 19(1).
27. Guru, G. S., Pandey, C., Thiske, S., & Ali, M. (2025). *Upcycling fish waste into biopolymers reducing climate change effects through sustainable innovation: A review*. *International Journal of Science, Architecture, Technology and Environment*, 2(3)65-75.
28. Pandey, C., Guru, G. S., Ali, M., & Thiske, S. (2025). *Hydrological and limnological factors influencing aquaculture on pond: A review*. *International Journal of Science, Architecture, Technology and Environment*, 2(3) 410-447.
29. Chiranjeev Pandey, Sanjay Thiske, Majid Ali, Akhilesh Kumar Yadav, Gurprit Singh Bhatia, Ewraj Janghel, Gagan Singh Guru, and Karuna Rawte. 2025. "Diversity, Abundance and Habitat Preferences of Freshwater and Terrestrial Mollusks in Rajnandgaon, Chhattisgarh, India: A Comparative Study". *UTTAR PRADESH JOURNAL OF ZOOLOGY* 46 (16):52–66.

BOOKS: 04

1. Enhancing Fish Production with Cage Culture A Case Study of Mongra Reservoir
ISBN: 978-620-8-42056-7
Lambert Academic Publication
2. Water Attributes of Shivnath River
ISBN: 978-99993-2-113-6
Eliva Press Global Ltd. part of Eliva Press S.R.L., 2024
3. Sustainable Development & Climate Change
ISBN: 978-93-341-8696-3
4. Rising to the Challenge Sustainable Development in the Face of Climate Change
ISBN 978-93-341-8847-9

BOOK CHAPTERS: 07

1. Dust Mites Diversity: An Article, (Chapter16)252-264.
SBN 978-81-959977-1-8
2. Diversity and Status of Wetland Birds in Rajnandgaon City, Chhattisgarh, India.
ISBN: 978-81-968040-4-6.
3. Study of bird fauna in 4 blocks of Rajnandgaon district Chhattisgarh India (April 2012 to November 2012)
ISBN: 978-81-968040-4-6.
4. The Seasonal Fluctuation of Physicochemical parameters of Kharun River, Durg and their Impact on Fish diversity. ISBN: 978-81-968040-4-6.
5. Interdisciplinary Collaboration Of Artificial Intelligence On Humans
ISBN: 978-93-6665-459-1
6. The Ecotourism in Sirpur reservoir (Bagh river) for Futuristic.“Sustainable Development & Climate
ISBN: 978-93-341-8696-3
7. Eco & Bio Tourism Development And Its Management In India: A Case Study Of Chhattisgarh State India
ISBN: 978-93-341-8696-3

PAITENT: 03

1. **ANTIBIOTICS-RESISTANT BACTERIA DETECTION KIT**
Design No. : 427592-001
Date: 20/08/2024
2. **APPARATUS FOR PRESERVING ANIMAL TISSUE SAMPLES IN PHARMACOLOGY LABORATORY**
Design No. : 447890-001
Date: 12/02/25
3. **Innovative Fish Farming: Real-Time Control and IoT for Automatic Feeding and Water Purity Tracking**
Design No. : 202541032672
Date: 11/04/25

PROJECTS (COMPLETED AND ONGOING): 01

1. Title: Study of Diversity, Status & Activity Pattern of wetland Birds and their threats in near Future at Rajnandgaon District (C.G.): A case study of wetland birds.

Cost: 50,000/-

PHD ONGOING UNDER GUIDANCE:

Name of Guide - Dr. Alka Mishra Govt. VYT PG Science College Durg.(C.G.)

Registered Since Nov. 2019

Name of University: Hemchand Yadav University Durg, C.G.

INSTITUTIONS WORKED IN: GOVT. DIGVIJAY AUTO.P.G. COLLEGE
RAJNANDGAON C.G.

OTHER APPOINTMENTS/ACHIEVEMENTS:

1. DhartiMitra Award 2024 by SSSSM,HudcoBhilai (C.G.)
2. The Proud Teacher Award 2024 by Sahara Charitable Trust,Delhi.

LINK OF YOUTUBE CHANNEL: <https://www.youtube.com/@chiranjeevpandey5654>

PERSONAL WEBPAGE IF ANY: NILL

SEMINAR CONFERENCES CHAIRED:NILL

RESOURCE PERSON IN SEMINAR/WORKSHOP/CONFERENCE: NILL

Paper Presented in Seminar/conferences (no.):

National : 05

International : 09

WORKSHOP: 07

FDP COURSE ATTENDED: 04

INDUCTION PROGRAM ATTENDED: 02

1. **NEP 2020 Orientation & Sensitization Programme** under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by **UGC-Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi** from September 30-October 10, 2024.
2. **'Faculty Induction Programme (Guru Dakshata)'** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre, Indira Gandhi National Tribal University, Amarkantak (MP) from 01st November, 2024 to 30th November, 2024 and obtained grade A.

REFRESHER COURSE ATTENDED: Nil

E-RESOURCES/MOOCs COURSES DEVELOPED: NO

Details of FDP/Seminar/Conference/Workshop:

S.No.	Date/Year	Activity	Title	Organized by
1	13 Sept 2025	International Conference	Sustainable research & Technology: shaping the future through Interconnected	SHARNAM , Green building Project Pondicherry

			knowledge	
2	21st July, 2025 To 26th July, 2025	SIX DAY FACULTY DEVELOPMENT PROGRAM (FDP)	Smart And Sustainable Materials: Advances In Material Chemistry For Global Challenges - 2025	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM (T.N.)
3	25 - 06 July 2025	National Conference	Rural Healthcare and Traditional Medicine	Sahaid Durwasa Nishad Govt. College Arjunda ,Dist. Balod (C.G.)
4	12 April 2025	National Conference	National Conference on Recent Trends in Life Sciences (NCRTLS - 2025)	Swami Atmanand Govt. English Medium Model College Somni , District Rajnandgaon (C.G.)
5	07 to 08 March 2025	International Conference	International Conference on Role of Traditional Knowledge in Global Scenario	GOVT. V.YT .AUTO.P.G. COLLEGE,DURG C.G.
6	4 to 06 Mach 2025	International Conference	03 Days International Seminar on Sustainable Development & Climate Change (ISSDC-2025)	Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
7	13-15 Feb 2025	International Conference	International Conference on Indian Literature in Global Perspectives: Significance & relevance	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
8	22 to 29	FDP	07 Days "Faculty	Govt. K.L. Arts &

	January 2025		Induction Program on Research Methadology"	Commerce College Baghbahara, Mahasamund (C.G.)
9	23 & 24 November 2024	International Conference	3 rd International Conference on Management & Social Science (ICMSS-2024)	Organized by AcadcmiaResearchlab Pvt. Ltd. India
10	05 & 06 June 2024	International Conference	ISCLRES-2024	SSSSM HudcoBhilai (C.G.)
11	05 & 06 October 2023	National Conference	RAECW-023	GOVT. V.YT .AUTO.P.G. COLLEGE,DURG C.G.
12	06 to 07 April,2023	International Conference	ICSSA-2023	Kalinga University Raipur C.G.
13	06 to 08 feb,2023	International Conference	ICRASSI-2023	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
14	02 & 03 Feb,2023	International Conference	EIASD-2023	GOVT. V.YT .AUTO.P.G. COLLEGE,DURG C.G.
15	05-11-2022 to 06-11-2022	National Conference	Recent Trends in Material Science	Kirodimal Govt. Arts. & Science College RAigarh (C.G.)
16	10/12/22 to 17/12/22	7 Days Faculty Development Program Workshop(FDP)	Documentation using Mobile,Laptop& Desktop Interface	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
17	12/11/22 to 13/11/22	National Research Conference	MuktibodhkaSahity: YougbodhaurPravittiy a	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
18	20/10/22	1 Day Workshop	Research Paper Writing and	GOVT. DIGVIJAY AUTO.P.G. COLLEGE

			Publication	RAJNANDGAON C.G.
19	09/07/2022	01 Day State Level Workshop	Curriculum Framework of CBCS/LOCF Under NEO2020	Autonomous Exam. & IQAC Cell GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON
20	03/06/22 to 05/06/2022	2 Days National Seminar	Conservation of National Resources and Sustainable Development	Dept of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
21	26/05/2022	01 Day State Level Workshop (Orientation Program)	Newly Appointed Asst. Prof. Orientation Workshop	GOvt. Shivnath Science College Rajnandgaon(C.G.)
22	30/01/2019 to 31/01/2019	National Seminar	Wild Life: Its Nature, Decline and Conservation in India.	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
23	03/01/2017 to 09/01/2017	Orientation Program	Teaching Learning and Evaluation	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
24	15/12/2016 to 16/12/2022	2 Day Workshop	Maintenance ,Repair and Use of Laboratory Instrument Training	Dept. of Physics, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
25	29/01/2016	National Workshop	Importance of Mathematics	Govt.L.C.S. College Ambagarh Chawki(C.G.)
26	12/01/2015 to 24/12/2015	Workshop (FDP)	Computer Training Program	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
