**Faculty Achievement (Session 2019-20)**

**Department Name – Zoology**

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| Sl. No. | Name of Faculty | Research Paper | National Seminar (Presentation) | International Seminar (Presentation) | Books |  Book Chapter | Patents | Project |
| 1. | **Chiranjeev Pandey** | TitleJournal NameVolumeIssueYear of Publication  | Title of paperSeminar ThemeDateVenueHost institute | Title of paperSeminar ThemeDateVenueHost institute | Title of bookYear of pubISBNPublisher name | Title of book chapterYear of pubISBNPublisher name | Application NoTitleTypePublication/ Issue date | TitleFunding agencyMajor/MinorSanctioned Fund Status (Completed/Ongoing) |
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**Faculty Achievement (Session 2020-21)**

**Department Name – Zoology**

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| Sl. No. | Name of Faculty | Research Paper | National Seminar (Presentation) | International Seminar (Presentation) | Books |  Book Chapter | Patents | Project |
| 1. | **Chiranjeev Pandey** | TitleJournal NameVolumeIssueYear of Publication  | Title of paperSeminar ThemeDateVenueHost institute | Title of paperSeminar ThemeDateVenueHost institute | Title of bookYear of pubISBNPublisher name | Title of book chapterYear of pubISBNPublisher name | Application NoTitleTypePublication/ Issue date | TitleFunding agencyMajor/MinorSanctioned Fund Status (Completed/Ongoing) |
|  |  | [THE CLIMATE IMPERATIVE: UNDERSTANDING THE IMPACTS AND SOLUTIONS OF CLIMATE CHANGE](https://www.researchgate.net/publication/384039678_THE_CLIMATE_IMPERATIVE_UNDERSTANDING_THE_IMPACTS_AND_SOLUTIONS_OF_CLIMATE_CHANGE?_sg%5B0%5D=1Xfs1lGS53xmZufuWl1aLFDRU3F9n-bWalBIIzoEG_VdVUZe8GNIjjPAqdYZA8gyfnBIwjOY6OnQC_Xtc7vgKv56DbgixY6BNr7J623E.okWVPxTIMQ3beZ-DFljDpN-55gJDN1hWixXps-VLB6RMt16cKYEe3M4VMuAWY3Y0mu8yJ5W1Moftu3Uw0dazgA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInBvc2l0aW9uIjoicGFnZUNvbnRlbnQifX0)JOURNAL OF CRITICAL REVIEWSISSN-2394-5125 VOL 07, ISSUE 19, 2020 | - | - | - | - | - | - |

**Faculty Achievement (Session 2021-22)**

**Department Name – Zoology**

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| Sl. No. | Name of Faculty | Research Paper | National Seminar (Presentation) | International Seminar (Presentation) | Books |  Book Chapter | Patents | Project |
| 1. | **Chiranjeev Pandey** | TitleJournal NameVolumeIssueYear of Publication  | Title of paperSeminar ThemeDateVenueHost institute | Title of paperSeminar ThemeDateVenueHost institute | Title of bookYear of pubISBNPublisher name | Title of book chapterYear of pubISBNPublisher name | Application NoTitleTypePublication/ Issue date | TitleFunding agencyMajor/MinorSanctioned Fund Status (Completed/Ongoing) |
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**Faculty Achievement (Session 2022-23)**

**Department Name – Zoology**

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| Sl. No. | Name of Faculty | Research Paper | National Seminar (Presentation) | International Seminar (Presentation) | Books |  Book Chapter | Patents | Project |
| 1. | **Chiranjeev Pandey** | TitleJournal NameVolumeIssueYear of Publication  | Title of paperSeminar ThemeDateVenueHost institute | Title of paperSeminar ThemeDateVenueHost institute | Title of bookYear of pubISBNPublisher name | Title of book chapterYear of pubISBNPublisher name | Application NoTitleTypePublication/ Issue date | TitleFunding agencyMajor/MinorSanctioned Fund Status (Completed/Ongoing) |
|  |  | - | - | [The Seasonal Fluctuation of Physico-Chemical parameters of Kharun River, Durg and their Impact on Fish diversity](https://www.researchgate.net/publication/384067840_The_Seasonal_Fluctuation_of_Physico-Chemical_parameters_of_Kharun_River_Durg_and_their_Impact_on_Fish_diversity?_sg%5B0%5D=1Xfs1lGS53xmZufuWl1aLFDRU3F9n-bWalBIIzoEG_VdVUZe8GNIjjPAqdYZA8gyfnBIwjOY6OnQC_Xtc7vgKv56DbgixY6BNr7J623E.okWVPxTIMQ3beZ-DFljDpN-55gJDN1hWixXps-VLB6RMt16cKYEe3M4VMuAWY3Y0mu8yJ5W1Moftu3Uw0dazgA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInBvc2l0aW9uIjoicGFnZUNvbnRlbnQifX0)International Seminar on Environmental Issues & Sustainable Development3 to 4 Feb 2023Organized by Department of Zoology Govt. V.Y.T. Auto P.G. College Durg (C.G.) |  |  | - | - |
|  |  | - | - | Dust Mites Diversity: An ArticleInternational Conference on Role of Applied Sciences in Social Implications6 to 8 February 2023Organized byGovt. Digvijay Autonomous Post Graduate College Rajnandgaon (Chhattisgarh)India |  | Role of Applied Sciences in Social Implications2023ISBN 978-81-959977-1-8PROBECELL PRESSOffice- Chauhan Town, Bhilai, Chhattisgarh- 490020 |  |  |
|  |  |  |  | Assessment of Heavy metals contamination in Kharun River water , Raipur C.G.International Seminar on Climate Change, Sustainable Development &Smart Agriculture6 to 7 April 2023Organized by Kalinga University Raipur (C.G.) |  |  |  |  |

**Faculty Achievement (Session 2023-24)**

**Department Name – Zoology**

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| Sl. No. | Name of Faculty | Research Paper | National Seminar (Presentation) | International Seminar (Presentation) | Books |  Book Chapter | Patents | Project |
| 1. | **Chiranjeev Pandey** | TitleJournal NameVolumeIssueYear of Publication  | Title of paperSeminar ThemeDateVenueHost institute | Title of paperSeminar ThemeDateVenueHost institute | Title of bookYear of pubISBNPublisher name | Title of book chapterYear of pubISBNPublisher name | Application NoTitleTypePublication/ Issue date | TitleFunding agencyMajor/MinorSanctioned Fund Status (Completed/Ongoing) |
|  | 1. | Assessing the Impact of Water Quality Parameters on Fish Farming and Agriculture in Bagh River Deori District, Maharashtra (India)Journal of Survey in Fisheries SciencesVol 10Issue 03December 2023 | National Seminar on Recent Advances in Exploration andRestoration of Wetlands5 & 6 October 2023Organized ByDepartment Of ZoologyGovt. V.Y.T. Pg Autonomous College, Durg,Chhattisgarh, India |  |  | Diversity and Status of Wetland Birds inRajnandgaon City, Chhattisgarh, India2023**ISBN: 978-81-968040-4-6**Ideal International E-Publication |  | **“Study of Diversity, Status & Activity Pattern of Wetland Birds and****their threats in near Future at Rajnandgaon District (C.G.)”**Autonomous Cell, Government Digvijay PG AutoCollege Rajnandgaon (C.G.) IndiaMinor50,000/-Status (Completed) |
|  | 2. | Assessment Of Water Quality Of Shivnath RiverAnd TheirTributaries At Rajnandgaon DistrictAnd Its Impact On Fish CultureInternational Journal of Creative Research Thoughts (IJCRT)Volume 12, Issue 4 April 2024 |  |  |  | Study of bird fauna in 4 blocks ofRajnandgaon district Chhattisgarh Iindia(April 2012 to November 2012)2023**ISBN: 978-81-968040-4-6**Ideal International E-Publication |  |  |
|  | 3. | Diversity Of Fish Fauna: A Case Study Of Rajnandgaon District, Chhattisgarh (India)JOURNAL OF NOVEL RESEARCH AND INNOVATIVE DEVELOPMENTVolume 2, Issue 4April 2024 |  |  |  | The Seasonal Fluctuation of Physico-Chemicalparametersof Kharun River,Durg andtheir Impacton Fish diversity2023**ISBN: 978-81-968040-4-6**Ideal International E-Publication |  |  |

**Faculty Achievement (Session 2024-25)**

**Department Name – Zoology**

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| Sl. No. | Name of Faculty | Research Paper | National Seminar (Presentation) | International Seminar (Presentation) | Books |  Book Chapter | Patents | Project |
| 1. | **Chiranjeev Pandey** | TitleJournal NameVolumeIssueYear of Publication  | Title of paperSeminar ThemeDateVenueHost institute | Title of paperSeminar ThemeDateVenueHost institute | Title of bookYear of pubISBNPublisher name | Title of book chapterYear of pubISBNPublisher name | Application NoTitleTypePublication/ Issue date | TitleFunding agencyMajor/MinorSanctioned Fund Status (Completed/Ongoing) |
|  | 1. | Occurrence Of Painted Bat (Kerivoula Picta) In Manpur, Chhattisgarh (India)TIJER International Research JournalVolume 11, Issue 4April 2024 |  | Estimation of Heavy metals in the water of river Kharun at the convergence point of Industrial effluents near Kumhari, Durg (C.G.)International Conference on Recent Innovations in scientific and commercial Approaches towards Land Restoration and Environment 05 to 06 June 2024Organized by Swami Swaroopanand Saraswati Mahavidyalay Hudco Bhilai (C.G.)  |  | The Ecotourism in Sirpur reservoir (Bagh river) for Futuristic**.**“Sustainable Development & Climate2025ISBN: 978-93-341-8696-3 | Design No. : 427592-001ANTIBIOTICS-RESISTANT BACTERIADETECTION KITDesign20/08/2024 |  |
|  | 2. | First Report For Painted Globular Frog Uperodon Taprobanicus In North Bastar Kanker District Of Chhattisgarh, (India)Uttar Pradesh Journal OfZoologyVolume 45,Issue 152024 |  | Emerging Trends in Nature Tourism: A study of Chhattisgarh’s Role in promoting Employment & Ecological Suitability3rd International Conference on Management & Social Science23 & 24 November 2024Organized by Acadcmia Researchlab Pvt. Ltd. India  |  | Eco & Bio Tourism Development And Its Management In India: A Case Study Of Chhattisgarh State India2025ISBN: 978-93-341-8696-3 | APPARATUS FOR PRESERVING ANIMALTISSUE SAMPLES IN PHARMACOLOGY LABORATORYDesign No. : 447890-001 |  |
|  | 3. | *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 JOURNALVOLUME 11, ISSUE 7, 2024 |  | Environmental & Nutritional analysis of Channa striata (Bloch) from Kharun River: implications for human consumption 03 Dayes International Seminar on Sustainable Development & Climate Change (ISSDC-2025)4 to 06 Mach 2025Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G |  |  |  |  |
|  | 4. | Exploring the Morphological Foundations of Fish Culture: A ReviewInternational Journal of Science, Architecture, Technology, and EnvironmentVolume 01, Issue 05, August 2024 |  | Water Quality & Heavy Metal contamination in Kharun River :a study on Industrial effluent Discharge International Conference on Role of Traditional Knowledge in Global Scenario07 to 08 March 2025GOVT. V.YT .AUTO.P.G. COLLEGE,DURG (C.G.) |  |  |  |  |
| 5. |  | Optimizing Soil and Crop Productivity Using Coal Fly Ash: A Study from Chhattisgarh, IndiaGIS SCIENCE JOURNALVOLUME 11, ISSUE 8, 2024 |  | Study of Migratory Birds ,Their habitat & diversity status in Balsamund pond Palari, ChhattisgarhInternational Conference on Role of Traditional Knowledge in Global Scenario07 to 08 March 2025GOVT. V.YT .AUTO.P.G. COLLEGE,DURG (C.G.) |  |  |  |  |
| 6. |  | Study Of Diversity And Status Of Endemic Ornamental Fish Of Shivnath River Mohla- Manpur-Ambagarh Chowki District Of Chhattisgarh (India)Journal of Advanced ZoologyVolume 45 Issue 6 Year 2024 |  | Biochemical analysis from fish tissue of Channa striata on Kharun river, Durg ,ChhattisgarhInternational Conference on Role of Traditional Knowledge in Global Scenario07 to 08 March 2025GOVT. V.YT .AUTO.P.G. COLLEGE,DURG (C.G.) |  |  |  |  |
| 7. |  | Biomedical Waste Management In Municipalcorporation Area Of Rajnandgaon, Chhattisgarh,Central IndiaJournal of Population Therapeutics& Clinical PharmacologyVol. 31, Issue 082024 |  |  |  |  |  |  |
| 8. |  | Tribal Communities and Wildlife Conservation: A Study of Sustainable Practices in Rajnandgaon-Kabirdham, Chhattisgarh (India)REDVET - Revista electrónica de Veterinaria - ISSN 1695-7504Vol 25, No. 1s (2024) |  |  |  |  |  |  |
| 9. |  | Advancing Sustainable Agriculture: Next-Generation Biofertilizers through Synthetic Biology and Nanoparticle IntegrationInternational Journal of Research Publication and ReviewsVol (5), Issue (9), September (2024) |  |  |  |  |  |  |
| 10. |  | URBAN ARTIFICIAL WETLANDS AS CRITICAL HABITATS: OBSERVATIONS ON MIGRATORY BIRDS IN RAJNANDGAON CITY CHHATTISGARH (INDIA)JOURNAL DYNAMICS AND CONTROLVOLUME 8 ISSUE 9 2024 |  |  |  |  |  |  |
| 11. |  | Application of Modern Techniques, Drones and IoT in Indian AgricultureInventum Biologicum,Vol. 4, Issue 42024 |  |  |  |  |  |  |
| 12. |  | Avian Richness in Dongargarh-Dhaara Forest Area: A Baseline Study for Future Conservation, District Rajnandgaon, Chhattisgarh, India*Uttar Pradesh Journal of Zoology**Volume 45, Issue 19**2024* |  |  |  |  |  |  |
| 13. |  | The Shivnath River: A Critical Analysis Of Environmental Stressors And Conservation NeedsInternational Journal Of Engineering Technology Research & Management Vol-08 Issue 11, November -2024 |  |  |  |  |  |  |
| 14. |  | Impact of Heavy Metals Toxicity in Fishes: A ReviewDegres JournalVolume 9 Issue 11 2024 |  |  |  |  |  |  |
| 15. |  | Bioremediation of Pollutants in the Shivnath River: Harnessing Natural Processes for Ecosystem RestorationDegres JournalVolume 9 Issue 12 2024 |  |  |  |  |  |  |
| 16. |  | A Review on: Impact of Rice Mill effluents on Soil & Aquatic EcosystemTechnische SicherheitVolume 24, Issue 12, 2024 |  |  |  |  |  |  |
| 17. |  | Impact of Seasonal Changes and Habitat on Biochemical and Antifungal Property of Fish MucusDegres JournalVolume 9 Issue 12 2024 |  |  |  |  |  |  |
| 18. |  | Diversity and variability of paddy pests in Rajnadgaon district of Chhattisgarh: A threat to agricultural sustainabilityInternational Journal of Entomology ResearchVolume 9, Issue 12, 2024 |  |  |  |  |  |  |
| 19. |  | Diversity and Abundance of Wetland Avian Fauna of Rajnandgaon District, Chhattisgarh, IndiaBulletin For Technology And History JournalVolume 24, Issue 12, 2024 |  |  |  |  |  |  |
| 20. |  | A Review on Molluscan Diversity in Freshwater Habitats: Implications for Conservation and Aquatic HealthInternational Journal of Engineering Sciences & ResearchTechnologyVol 14Issue 2 February, 202 |  |  |  |  |  |  |
| 21. |  | Estimation Of Heavy Metals In The Water Of Kharun At The Convergence Point Of Industrial Effluents Near Kumhari, Durg, Chhattisgarh, Central IndiaAdvances Pharmacology & ToxicologyVol. 26 (1) 2025 |  |  |  |  |  |  |
| 22. |  | [Upcycling Fish Waste into Biopolymers Reducing Climate Change Effects through Sustainable Innovation: A Review](https://www.researchgate.net/publication/390024617_Upcycling_Fish_Waste_into_Biopolymers_Reducing_Climate_Change_Effects_through_Sustainable_Innovation_A_Review?_sg%5B0%5D=5ZIMRGdcxsZ42kdgmanQsnbZekjVeFP_uW50yE2lKtLUdZcE-bbjUmJDmhxuVc9_viQkgDLqw7OVxlKLFQ0KCZv5nd7geYXpJOOSNcn2.URCvsmUMlwG5sSkySmjJrE9zpvVxYuQW0TogzKHaPEWTKAcohfY1enfzAc84BhlmcICyom0VO2iUoyGq2rxayA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInBvc2l0aW9uIjoicGFnZUNvbnRlbnQifX0)International Journal of Science, Architecture, Technology, and EnvironmentVolume 02, Issue 03, March 2025 |  |  |  |  |  |  |