**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** | Title  Journal Name  Volume  Issue  Year of Publication | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of book  Year of pub  ISBN  Publisher name | Title of book chapter  Year of pub  ISBN  Publisher name | Application No  Title  Type  Publication/ Issue date | Title  Funding agency  Major/Minor  Sanctioned 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** | Title  Journal Name  Volume  Issue  Year of Publication | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of book  Year of pub  ISBN  Publisher name | Title of book chapter  Year of pub  ISBN  Publisher name | Application No  Title  Type  Publication/ Issue date | Title  Funding agency  Major/Minor  Sanctioned 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 REVIEWS  ISSN-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** | Title  Journal Name  Volume  Issue  Year of Publication | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of book  Year of pub  ISBN  Publisher name | Title of book chapter  Year of pub  ISBN  Publisher name | Application No  Title  Type  Publication/ Issue date | Title  Funding agency  Major/Minor  Sanctioned 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** | Title  Journal Name  Volume  Issue  Year of Publication | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of book  Year of pub  ISBN  Publisher name | Title of book chapter  Year of pub  ISBN  Publisher name | Application No  Title  Type  Publication/ Issue date | Title  Funding agency  Major/Minor  Sanctioned 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 Development  3 to 4 Feb 2023  Organized by Department of Zoology  Govt. V.Y.T. Auto P.G. College Durg (C.G.) |  |  | - | - |
|  |  | - | - | Dust Mites Diversity: An Article  International Conference on Role of Applied Sciences in Social Implications  6 to 8 February 2023  Organized by  Govt. Digvijay Autonomous Post Graduate College Rajnandgaon (Chhattisgarh)  India |  | Role of Applied Sciences in Social Implications  2023  ISBN 978-81-959977-1-8  PROBECELL PRESS  Office- 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 Agriculture  6 to 7 April  2023  Organized 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** | Title  Journal Name  Volume  Issue  Year of Publication | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of book  Year of pub  ISBN  Publisher name | Title of book chapter  Year of pub  ISBN  Publisher name | Application No  Title  Type  Publication/ Issue date | Title  Funding agency  Major/Minor  Sanctioned 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 Sciences  Vol 10  Issue 03  December 2023 | National Seminar on Recent Advances in Exploration and  Restoration of Wetlands  5 & 6 October 2023  Organized By  Department Of Zoology  Govt. V.Y.T. Pg Autonomous College, Durg,  Chhattisgarh, India |  |  | Diversity and Status of Wetland Birds in  Rajnandgaon City, Chhattisgarh, India  2023  **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 Auto  College Rajnandgaon (C.G.) India  Minor  50,000/-  Status (Completed) |
|  | 2. | Assessment Of Water Quality Of Shivnath RiverAnd TheirTributaries At Rajnandgaon DistrictAnd Its Impact On Fish Culture  International Journal of Creative Research Thoughts (IJCRT)  Volume 12, Issue 4  April 2024 |  |  |  | Study of bird fauna in 4 blocks of  Rajnandgaon 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 DEVELOPMENT  Volume 2, Issue 4  April 2024 |  |  |  | The Seasonal Fluctuation of Physico-Chemical  parameters  of Kharun River,  Durg and  their Impact  on Fish diversity  2023  **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** | Title  Journal Name  Volume  Issue  Year of Publication | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of paper  Seminar  Theme  Date  Venue  Host institute | Title of book  Year of pub  ISBN  Publisher name | Title of book chapter  Year of pub  ISBN  Publisher name | Application No  Title  Type  Publication/ Issue date | Title  Funding agency  Major/Minor  Sanctioned Fund  Status (Completed/Ongoing) |
|  | 1. | Occurrence Of Painted Bat (Kerivoula Picta) In Manpur, Chhattisgarh (India)  TIJER International Research Journal  Volume 11, Issue 4  April 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 2024  Organized by Swami Swaroopanand Saraswati Mahavidyalay Hudco Bhilai (C.G.) |  | The Ecotourism in Sirpur reservoir (Bagh river) for Futuristic**.**“Sustainable Development & Climate  2025  ISBN: 978-93-341-8696-3 | Design No. : 427592-001  ANTIBIOTICS-RESISTANT BACTERIA  DETECTION KIT  Design  20/08/2024 |  |
|  | 2. | First Report For Painted Globular Frog Uperodon Taprobanicus In North Bastar Kanker District Of Chhattisgarh, (India)  Uttar Pradesh Journal Of  Zoology  Volume 45,  Issue 15  2024 |  | Emerging Trends in Nature Tourism: A study of Chhattisgarh’s Role in promoting Employment & Ecological Suitability  3rd International Conference on Management & Social Science  23 & 24 November 2024  Organized by Acadcmia Researchlab Pvt. Ltd. India |  | Eco & Bio Tourism Development And Its Management In India: A Case Study Of Chhattisgarh State India  2025  ISBN: 978-93-341-8696-3 | APPARATUS FOR PRESERVING ANIMAL  TISSUE SAMPLES IN PHARMACOLOGY LABORATORY  Design 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 JOURNAL  VOLUME 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 2025  Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G |  |  |  |  |
|  | 4. | Exploring the Morphological Foundations of Fish Culture: A Review  International Journal of Science, Architecture, Technology, and Environment  Volume 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 Scenario  07 to 08 March 2025  GOVT. V.YT .AUTO.P.G. COLLEGE,DURG (C.G.) |  |  |  |  |
| 5. |  | Optimizing Soil and Crop Productivity Using Coal Fly Ash: A Study from Chhattisgarh, India  GIS SCIENCE JOURNAL  VOLUME 11, ISSUE 8, 2024 |  | Study of Migratory Birds ,Their habitat & diversity status in Balsamund pond Palari, Chhattisgarh  International Conference on Role of Traditional Knowledge in Global Scenario  07 to 08 March 2025  GOVT. 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 Zoology  Volume 45 Issue 6 Year 2024 |  | Biochemical analysis from fish tissue of Channa striata on Kharun river, Durg ,Chhattisgarh  International Conference on Role of Traditional Knowledge in Global Scenario  07 to 08 March 2025  GOVT. V.YT .AUTO.P.G. COLLEGE,DURG (C.G.) |  |  |  |  |
| 7. |  | Biomedical Waste Management In Municipalcorporation Area Of Rajnandgaon, Chhattisgarh,Central India  Journal of Population Therapeutics& Clinical Pharmacology  Vol. 31, Issue 08  2024 |  |  |  |  |  |  |
| 8. |  | Tribal Communities and Wildlife Conservation: A Study of Sustainable Practices in Rajnandgaon-Kabirdham, Chhattisgarh (India)  REDVET - Revista electrónica de Veterinaria - ISSN 1695-7504  Vol 25, No. 1s (2024) |  |  |  |  |  |  |
| 9. |  | Advancing Sustainable Agriculture: Next-Generation Biofertilizers through Synthetic Biology and Nanoparticle Integration  International Journal of Research Publication and Reviews  Vol (5), Issue (9), September (2024) |  |  |  |  |  |  |
| 10. |  | URBAN ARTIFICIAL WETLANDS AS CRITICAL HABITATS: OBSERVATIONS ON MIGRATORY BIRDS IN RAJNANDGAON CITY CHHATTISGARH (INDIA)  JOURNAL DYNAMICS AND CONTROL  VOLUME 8 ISSUE 9 2024 |  |  |  |  |  |  |
| 11. |  | Application of Modern Techniques, Drones and IoT in Indian Agriculture  Inventum Biologicum,  Vol. 4, Issue 4  2024 |  |  |  |  |  |  |
| 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 Needs  International Journal Of Engineering Technology Research & Management  Vol-08 Issue 11, November -2024 |  |  |  |  |  |  |
| 14. |  | Impact of Heavy Metals Toxicity in Fishes: A Review  Degres Journal  Volume 9 Issue 11 2024 |  |  |  |  |  |  |
| 15. |  | Bioremediation of Pollutants in the Shivnath River: Harnessing Natural Processes for Ecosystem Restoration  Degres Journal  Volume 9 Issue 12 2024 |  |  |  |  |  |  |
| 16. |  | A Review on: Impact of Rice Mill effluents on Soil & Aquatic Ecosystem  Technische Sicherheit  Volume 24, Issue 12, 2024 |  |  |  |  |  |  |
| 17. |  | Impact of Seasonal Changes and Habitat on Biochemical and Antifungal Property of Fish Mucus  Degres Journal  Volume 9 Issue 12 2024 |  |  |  |  |  |  |
| 18. |  | Diversity and variability of paddy pests in Rajnadgaon district of Chhattisgarh: A threat to agricultural sustainability  International Journal of Entomology Research  Volume 9, Issue 12, 2024 |  |  |  |  |  |  |
| 19. |  | Diversity and Abundance of Wetland Avian Fauna of Rajnandgaon District, Chhattisgarh, India  Bulletin For Technology And History Journal  Volume 24, Issue 12, 2024 |  |  |  |  |  |  |
| 20. |  | A Review on Molluscan Diversity in Freshwater Habitats: Implications for Conservation and Aquatic Health  International Journal of Engineering Sciences & ResearchTechnology  Vol 14  Issue 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 India  Advances Pharmacology & Toxicology  Vol. 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 Environment  Volume 02, Issue 03, March 2025 |  |  |  |  |  |  |