

BIODATA/CV

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Expertise: Entomology, Molecular Phylogeny and Evolution



Motto:

If you are not understanding something, it means you do not have enough data

- WWW: <http://drdeepakrawal.com>
- MLSU ID: https://www.mlsu.ac.in/fac_profile.php?deptid=8&id=320
- Google Map ID: <https://goo.gl/maps/PnWPo2wddnKyAhZB6>
- YouTube ID: <https://www.youtube.com/user/deepakrawal5/videos>
- G Scholar ID: <https://scholar.google.co.in/citations?user=nJ5pwFYAAAAJ&hl=en>
- Researchgate ID: https://www.researchgate.net/profile/Dr_Deepak_Rawal?ev=hdr_xprf
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- Slideshare ID: <https://www.slideshare.net/Deepakrawal5>
- Blogger ID: <https://drdeepakrawal.blogspot.com>
- SSRN ID: https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=4721734
- LiveDNA ID: <https://livedna.net/?dna=91.41057>

Books Authored:

- A review on Chironomids, *Astral Publications*, New Delhi, 2015. (ISBN-978-93-5130-619-1).
- A Brief Account on Chironomids (Diptera) of Udaipur (Rajasthan) Region, LAP Lambert Academic Publishing, Germany, 2017. (ISBN-978-62-0205-060-9).
- A Textbook of Comparative Osteology of Vertebrates, *LAP Lambert Academic Publishing*, Germany, 2019. (ISBN-978-62-0046-901-4).

Books Edited:

1. Current Research on Zoology and Entomology Sciences, (Volume-1). Scripown Publications, New Delhi, 2021. (ISBN: 978-93-9083-390-0).
2. Current Research on Zoology and Entomology Sciences, (Volume-2). Scripown Publications, New Delhi, 2022. (ISBN: 978-93-9083-301-6).
3. Current Research in Life Sciences (Volume-1). Akinik Publications, New Delhi, 2021. (ISBN: 978-93-9121-697-9).
4. Current Research in Life Sciences (Volume-2). Akinik Publications, New Delhi, 2022. (ISBN: 978-93-5570-303-3).
5. Current Research in Life Sciences (Volume-3). Akinik Publications, New Delhi, 2023 (ISBN: 978-93-5570-641-6).
6. Current Research in Life Sciences (Volume-4). Akinik Publications, New Delhi, 2023 (ISBN: 978-93-5570-864-9).
7. Current Research in Life Sciences (Volume-5). Akinik Publications, New Delhi, 2024 (ISBN: 978-93-6135-427-4).
8. Current Research in Life Sciences (Volume-6). Akinik Publications, New Delhi, 2025 (ISBN: 978-93-6135-050-4).
9. Current Research in Life Sciences (Volume-7). Akinik Publications, New Delhi, 2025 (ISBN: 978-93-6135-938-5).
10. Current Research in Zoology and Entomology Sciences, (Volume-1). Integrated Publications, New Delhi, 2023 (ISBN: 978-93-9511-871-2).
11. Current Research in Zoology and Entomology Sciences, (Volume-2). Integrated Publications, New Delhi, 2024 (ISBN: 978-93-5834-589-6).

12. Advanced Research and Review in Zoology and Entomology Sciences, (Volume 1). Bright Sky Publications, New Delhi, 2022. (ISBN: 978-93-9280-416-8).
13. Advanced Research and Review in Zoology and Entomology Sciences, (Volume 2). Bright Sky Publications, New Delhi, 2024. (ISBN: 978-93-9280-481-6).
14. Advanced Research and Review in Zoology and Entomology Sciences, (Volume 3)”. Bright Sky Publications, New Delhi, 2024. (ISBN: 978-93-6233-968-3).

Patents Published:

- AI Based insects’ detection and notification device. (Design No. 431706-001; Publication date: 26/09/24)
- Insect Repellent Device (Utility No. 202511000062 A; Issue no 03/2025; Publication date: 17/01/25)

Publications in Scientific Journals:

1. Rawal Deepak. Ecological analysis of *Chironomus* larvae (Diptera: Chironomidae) collected from Ayad River in Udaipur city. *International Journal of Fauna and Biological Studies*, 2014.
2. Singh Preeti and Rawal Deepak. *Einfeldia pritiensis*, a new species of Chironomidae (Diptera) from Udaipur region (Rajasthan, India). *Journal of Entomology and Zoology Studies*, 2016.
3. Singh Preeti and Rawal Deepak. Biodiversity of Chironomidae (Diptera) from Udaipur region (India). *International journal of Advanced Research*, 2016.
4. Singh Preeti and Rawal Deepak. Molecular phylogeny of *Einfeldia* (Diptera: Chironomidae) inferred from sequencing of mitochondrial cytochrome oxidase subunit 1 (COX1) gene. *International Journal of Entomology Research*, 2016.
5. Singh Preeti and Rawal Deepak. Morphology of *Einfeldia* (Diptera: Chironomidae) found in Udaipur region. *International Journal of Zoology Studies*, 2016.
6. Rawal Deepak. Role and impact of YouTube in higher education. *International Journal of Research and Analytical Reviews*, 2018.
7. Rawal Deepak, Verma Himani and Prajapat Gyata. Ecological and economic importance of Chironomids (Diptera). *Journal of Emerging Technologies and Innovative Research*, 2018.

8. Rawal Deepak, Prajapat Gyata and Verma Himani. Status of Chironomids (Diptera) as potential bioindicators. *International Journal of Advanced Scientific Research and Management*, 2019.
9. Rawal Deepak. Relationship between number of teats and litter size in Eutherian mammals. *International Journal of Scientific research in biological sciences*, 2019.
10. Rawal Deepak. Uncertainty of evolution! *International Journal of Research and Analytical reviews*, 2019.
11. Rawal Deepak. The Causes and Significance of stripes on Zebras. *Journal of Emerging Technologies and Innovative Research*, 2019.
12. Rawal Deepak. A Review on Cranial Appendages of Ruminants. *Journal of Emerging Technologies and Innovative Research*, 2019.
13. Rawal Deepak. A review on different strategies used for biological control of mosquitoes. *International Journal of Mosquito Research*, 2019.
14. Rawal Deepak and Sharma Gayatri. Overlooked therapeutic potential of Panchagavya. *CIBTech Journal of Zoology*, 2019.
15. Rawal Deepak. Enigma of Hexapod Evolution. *International Journal of Entomology Research*, 2020.
16. Rawal Deepak. A report on various beneficial roles of insects. *International Journal of Entomology Research*, 2020.
17. Rawal Deepak. An overview of natural history of the human malaria. *International Journal of Mosquito Research*, 2020.
18. Rawal Deepak. An insight to the concept of eusociality in insects. *International Journal of Entomology Research*, 2020.
19. Prajapat Gyata and Rawal Deepak. Biodiversity assessment of Chironomids (Diptera: Chironomidae) in Rajsamand Lake (Rajasamand, Rajasthan, India). *International Journal of Zoological Investigations*, 2021.
20. Verma Himani and Rawal Deepak. Biodiversity analysis of chironomids (Diptera: Chironomidae) in Jaisamand Lake (Udaipur, Rajasthan). *International Journal of Entomology Research*, 2021.
21. Rawal Deepak, Verma Himani and Prajapat Gyata. Identification and confirmation of *Chironomus circumdatus* Kieffer, 1916 (Diptera: Chironomidae) using DNA Barcoding. *International Journal of Zoological Investigations*, 2021.

22. Rawal Deepak, Sharma Gayatri and Rajpurohit Radhika. Practices and Scopes of anthro-po-entomophagy. *International Journal of Entomology Research*, 2022.
23. Rawal Deepak. Diversity and Conservation Status of Dragonflies (Odonata: Anisoptera) of Badi Lake (Udaipur, Rajasthan). *Gradiva*, 2023.
24. Rawal Deepak and Singh Shruti. Evolution of Hematophagy in Insects: A new Perspective. *Bulletin of Pure and Applied Sciences Zoology (Animal Science)*, 2024.
25. Rawal Deepak, Rajpurohit Aishwarya, Singh Shruti, Suthar Yamini, and Dhaked Jaynesh. Evolution of Flight in Insects. *International Journal of Entomology Research*, 2024.
26. Rawal Deepak, Rajpurohit Aishwarya, Singh Shruti, Suthar Yamini and Dhaked Jaynesh. Molecular phylogenetic and evolution of mosquitoes. *International Journal of Mosquito Research*, 2024.
27. Rawal Deepak and Suthar Yamini. CRISPR: A Review on Hype versus Reality. *Biospectra*, 2024.
28. Rawal Deepak and Rajpurohit Aishwarya. Diversity and Ecology of Aquatic Insects. *Journal of Environment and Bio-sciences*, 2024.
29. Rawal Deepak and Rajpurohit Aishwarya. Cleidoic eggs: a key to water to land transition. *Indian Journal of Applied and Pure Biology*, 2025.
30. Rawal Deepak. First report of odonates (Insecta: Odonata) from a tourist spot at polo forest (Abhapur, Sabarkantha, Gujarat). *International Journal of Entomology, Research*, 2025.
31. Rawal Deepak and Rajpurohit Aishwarya. Flightless Birds: Unglorified Reptiles. *International Journal of Zoological Investigation*, 2025.
32. Rawal Deepak and Rajpurohit Aishwarya. Zooplankton: An Invisible Food Web. *International Journal of Biology, Pharmacy and Allied Sciences*, 2025.
33. Rawal Deepak, Dhaked Jaynesh & Suthar Yamini. Species Composition of Odonata at Udai Sagar Lake (Udaipur, Rajasthan) in Non-breeding Season. *International Journal of Entomology Research*, 2025.
34. Rawal Deepak, Dhaked Jaynesh & Suthar Yamini. Phylogenetics of four damselfly species (Odonata: Zygoptera: Coenagrionidae) of Udaipur region (Rajasthan). *International Journal of Zoology and Applied Biosciences*, 2025.
35. Rawal Deepak, Suthar Yamini & Dhaked Jaynesh. Alpha-diversity of Odonates (Insecta: Odonata) at Dhebar Lake (Salumbar, Rajasthan) in Breeding Season. *International Journal of Lakes and Rivers*, 2025.

36. Rawal Deepak, Suthar Yamini & Dhaked Jaynesh. Molecular phylogenetics of six dragonfly species (Insect: Odonata) of Udaipur region (Rajasthan). *The Bioscan*, 2025.
37. Rawal Deepak, Animals in Mythology, Theology and Culture. *Gradiva*, 2025.
38. Rawal Deepak, Evaluation of conservation status of reported Indian Odonates (Insecta: Odonata). *Biospectra*, 2025.

Papers presented in International conferences:

- Poster presentation on title “BLAST A Review” in 19th ISCB International Conference, organized by Indian Society of Chemists & Biologists, Lucknow and Department of Chemistry, MLSU Udaipur, Rajasthan.
- Poster presentation on title “Diversity of Chironomids (Diptera) in Udaipur city (Rajasthan)” in International conference on recent advances at interface of physical and life sciences (RAIPLS-2019) organised by Department of Chemistry, University of Rajasthan, Jaipur.
- Poster presentation on title “YouTube in Higher Education” in 14th India-Japan International Conference on sustainable development goals of United Nations to transform our World organised by Biyani Shikshan Samiti, Jaipur, Rajasthan.
- Poster presentation on title “Dilemma of organic evolution” in International Conference on Emerging challenges, their solutions and recent advances in science, organised by Government Science College, Sikar, Rajasthan.
- Oral presentation on title “Algebra in biology” in International Conference on recent advances in algebra, analysis and applications (ICRAAAA-19), organised by Department of Mathematics & Statistics, MLSU, Udaipur, Rajasthan.
- Oral presentation on title “Significance of Chironomids (Diptera)” in International Conference on Environment, Sustainable Development and Human Health, organised by SRK Govt. PG College, Rajsamand; MP Govt. PG College, Chittorgarh and Govt. PG Science College, Sikar, Rajasthan.
- Oral presentation on title “Evolution of eusociality in insects” in International Conference on emerging challenges, their solutions and recent advances in science and technology (SCITECHCON-2023), organised by Sobhasaria College, Sikar, Rajasthan.
- Oral presentation on title “Evolution of hematophagy amongst organisms” in International Conference on green energy and sustainable environmental practices (GESEP-2023), organised by Department of Chemistry, University of Rajasthan, Jaipur, Rajasthan.

- Oral presentation on title “Molecular Phylogeny of Chironomids (Diptera)” in International Conference on Recent Trends and Innovations in Applied Sciences for Sustainable Development of Environment (RTIAS-24), organised by School of Basic and Applied Science, Sangam University, Bhilwara, Rajasthan.
- Oral presentation on title “Morphology of Chironomids (Diptera)” in International Conference on Sustainable Development: Current Scenario and Future Directions, organised by Government College Karauli, Rajasthan.

Special Achievements:

- Founder of a new insect species named “*Einfeldia pritiensis* Singh and Rawal, 2016” and registered it in Zoobank (Official registry of ICZN).
- Run an open access educational YouTube channel named “Professor Deepak Rawal”.
- Got Icons of Mewar Awards 2023 from FM Tadka, Rajasthan Patrika Group for exceptional achievements in the field of education.
- Got State Level Role Model Award 2018-19 from Govt. of Rajasthan for outstanding contribution in Higher education.
- Contested Rajasthan Member of Legislative State Assembly (MLA) Election, 2023 from Udaipur (153) constituency.