

Name : Dr. Amrapali Prithvisingh Rajput

Designation : Lecturer, Department of Zoology

Qualification : M. Sc., Ph. D.

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Date of joining the Institution: 08 June 2015



Experience :

Teaching	Research
6 years	17 years

No. of papers presented in Conferences :

National	International
02	01

No. of papers published in Journals :

National	International
01	05

Responsibilities shared in college:

1. Member of 'Website Committee', GSS College, Belagavi, from 06/06/2025 till date.
2. Member of Counselling Committee for admissions, for the academic year 2025-2026
3. Member of Prize Distribution Committee and Refreshment Committee, for Annual Social Gathering 2024-2025.
4. Invited as Judge for TECHSPECTRA In house fest for Group-Dance Event on 08/03/2025.
5. Co-ordinator for Ramp-Walk Competition 'Indradhanush' Cultural fest held on 24th and 25th February 2025.
6. Was invited as Judge for "DHAARINI" BIO CLUB, Department of Biology for Mandala Art, Cooking competition etc. for the academic year 2024-2025.
7. Member of Gymkhana, Debating Union GSS College, Belagavi, from 2024 till date.
8. Worked as Member of the Organizing Committee for Srujan, held in the year 2024.
9. In charge of Diarama (Models) event "Wild life Week" held on 6th and 7th November 2023.
10. Worked as Member of the Organizing Committee for a Two-day National Seminar on "Waste Management and Sustainable Development" organized at GSS College, Belagavi, held on 21-22 January 2018.
11. Appointed as Internal and External Examiner for Practical Exams from 2015 onwards till date.
12. Appointed as Valuator for Degree Theory Exams from 2015 onwards till date.

Memberships of Academic Bodies:

1. Appointed as a Member of Examination Committee starting from 2024-2025, for the tenure of 3 years.
2. Appointed as Member of Unified University and College Management System (UUCMS) Committee for the academic year 2024-2025 for both UG and PG for the tenure of 3 years.

3. Appointed as Member of Admission Committee for the academic year 2024-2025 for both UG and PG for the tenure of 3 years.
4. Member, Board of studies (BoS), GSS Autonomous College, Belagavi from 2024 till date.
5. Member, Board of examination (BOE), GSS Autonomous College, Belagavi from 2024 till date.
6. Member for Criterion 2, NAAC, GSS College, Belagavi for academic year 2024.
7. Member for Criterion 6, NAAC, GSS College, Belagavi for academic year 2024.
8. Served as a Member of Examination Committee from 2016-2018.

Awards:

(i) Scholarships

S.No	Scholarships Awarded
1.	Wr. Pavate Scholarship for standing highest at B.Sc. and Continued to M.Sc. (pre) Zoology Examination of the university held in 2005-2006 and 2006-2007.
2.	Dr. Y. Nadkarni Scholarship for Standing 1 st in Subject Zoology at B.Sc.-I at the Annual Degree Examination held in the year 2002-2003. Govindram Seksaria Science College Belgaum.

(ii) Research Fellowships

S.No	Research Fellowships awarded
1.	National Postdoctoral Program for Innovative Talents, at Eco.Evo.Devo Lab-Group, Guangxi Key Laboratory of Forestry Ecology & Conservation, College of Forestry, Guangxi University, Nanning-China (11/09/2018 to 10/09/2021).
2.	Project Fellow in the UGC SAP DRS-III Programme inducted in the Department of Zoology, Karnatak University, Dharwad-India (1/8/2008 to 31/03/2012).
3.	University Research Studentship, Karnatak University, Dharwad-India (2007-2008).

Presentations in Conferences:

(i) International Conferences:

S. No.	Title of the Paper with name of the Conference	Year
1.	“Participated in the online presentation and gave a talk on “Caecilian harbor a distinctive microbiome: <i>Ichthyophis bannanicus</i> (Amphibia, Gymnophiona) and anuran larvae compared” organised by The Society for Integrative and Comparative Biology (SICB), Virtual Annual Meeting held at Washington, D. C. from 3 rd January to 28 th February 2021.	2021

(ii) National Conferences:

S. No.	Title of the Paper with name of the Conference	Year
1.	Absence of kin discrimination in cannibalistic anuran tadpoles of the frog, <i>Hoplobatrachus tigerinus</i> . Conference held at North Orissa University, Baripada (2009) Orissa.	2009
2.	Mechanism of food detection in tadpoles of bronze frog <i>Rana temporalis</i> . Workshop held at North Orissa University, Baripada (2007) Orissa.	2007

Conferences/Seminars and Workshops attended:

S.No	Details of Conferences/Seminars and Workshops attended
1.	Participated in the Online Hands-on Training on “R for Biologists: Data Manipulation, Visualization & Analysis” organized by the Centre for Advanced Training and Research Lucknow, U.P. (India) from 08-12 April, 2025.
2.	Participated in One Day National Level Seminar on Pollinators and their role in Ecosystem“ Organized by department of Zoology in association with Internal Quality Assurance Cell on 13/01/2025.
3.	Participated in “An International Conference on Advancement and Emerging Trends in Sciences” Organized by Dahiwadi College, Dahiwadi from 8 th January to 10 th January 2025.
2.	Completed Hands-on Online Workshop (ID: K107425) on Homology Modelling organized by the Centre for Advanced Training and Research Lucknow, U.P. (India) from 18-27 October, 2024.
3.	Two-day TLC Seminar workshop on “Immunology at a Glance” organized by Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) funded by MHRD, Govt. of India held on 1 st and 3 rd March 2018, at the Department of Zoology, Savitribai Phule University, Pune.
4.	Attended Two-day National Seminar on “Waste Management and Sustainable Development” organized at G.S.Sc College, Belagavi, held on 21-22 January 2018.
5.	One-day Workshop on “Teacher Quality: Issues and Perspectives” held on the eve of Guruvandana, held on 16/08/2017, at KLE Technological University, Hubballi.
6.	One-day Inter-collegiate Workshop on “Teaching-Learning Methods” sponsored by UGC held on 26 th July 2017, at R.P.C College of Arts and Commerce Belagavi, Karnataka.
7.	One-day Workshop on “Research Components” held on 28 th March 2017, at Shri. Sevantilal Shah Sabagrah. G.S.S College, Belagavi. International Symposium on “Understanding the molecules of life in the era of new biology” sponsored by UGC, Government of India and Government of Karnataka, held from 20 th to 22 nd October, 2016 at Davangere University, Davangere, Karnataka.
8.	International Conference on Darwinism-A Sesqui-Centennial Celebration from 14 th to 17 th September, 2009 at Karnatak University, Dharwad.
9.	National Seminar on “Current Research in Herpetology” and Workshop on “Prioritization of Amphibian and Reptilian species for conservation Breeding” held from 29 th to 31 st March 2009 at North Orissa University, Baripada, Orissa.
10.	1 st SERC School in Herpetology organised at North Orissa University from 27 th December 2007 to 8 th January 2008, Sponsored by the DST, Govt. of India.
11.	Workshop on “Awareness Training programme on Biodiversity related issues & People’s Biodiversity Register” Sponsored by Karnataka Biodiversity Board, Bangalore on 7 th January 2007 at Academic Staff College, Karnatak University, Dharwad.
12.	Sanctuary- Britannia Tiger Programme “Kids for Tiger’s Campaign” 2004.

Webinars attended:

S. No.	Details of Webinars attended
1.	One day National Webinar on “The abuse of anabolic-androgenic steroids in athletes: Potential health hazards” organised by IQAC, Department of Zoology and Biotechnology by Raja Lakhamagouda Science Institute Belagavi, held on 27 th June 2020.
2.	One day International Webinar on “High-Throughput Sequencing Opportunities” organised by IQAC, Department of Zoology and Biotechnology by Raja Lakhamagouda Science Institute Belagavi, held on 24 th June 2020.

Publications List:**(i) International Journals:**

S. No.	Title of the Paper with name of the Journal	Year
1.	Chen, B., Mao, T., Liu, Y., Dai, W., Li, X., Rajput, A. P. , Pie, M. R., Yang, J., Gross, J. B. and Meegaskumbura, M. (2022). How blind cavefish found themselves up against the wall. <i>Nature</i> 610, 423. doi:10.1038/d41586-022-03227-0. (impact factor: 69.5)	2022
2.	Chen, B., Mao, T., Liu, Y., Dai, W., Li, X., Rajput, A. P. , Pie, M. R., Yang, J., Gross, J. B. and Meegaskumbura, M. (2022). Sensory evolution in a cavefish radiation: patterns of neuromast distribution and associated behaviour in <i>Sinocyclocheilus</i> (Cypriniformes: Cyprinidae). <i>Proceedings of Royal Society London-B</i> 289, 20221641. https://doi.org/10.1098/rspb.2022.1641 . (impact factor: 5.53)	2022
3.	Zhou, S., Rajput, A. P. , Mao, T., Liu, Y., Ellepola, G., Herath, J., Yang, J. and Meegaskumbura, M. (2022). Adapting to novel environments together: Evolutionary and ecological correlates of the bacterial microbiome of the world's largest cavefish diversification (Cyprinidae, <i>Sinocyclocheilus</i>). <i>Frontiers in Microbiology</i> 13:823254. doi:10.3389/fmicb.2022.823254. (impact factor: 6.06)	2022
4.	Rajput, A. P. , Saidapur, S. K. and Shanbhag, B. A. (2014). Kin discrimination in tadpoles of <i>Hylarana temporalis</i> (Anura: Ranidae) and <i>Sphaerotheca breviceps</i> (Anura: Dicroglossidae): influence of hydroperiod and social habits. <i>Phyllomedusa</i> 13, 119-131. (impact factor: 0.8)	2014
5.	Rajput, A. P. , Shanbhag, B. A. and Saidapur, S. K. (2011). Absence of kin discrimination in cannibalistic anuran tadpoles of the frog <i>Hoplobatrachus tigerinus</i> (Daudin). <i>Indian Journal of Experimental Biology</i> 49, 362-365. (impact factor: 0.95)	2011

Publications Communicated (International):

S.No	Title of the Paper
1.	Rajput, A. P. , Zhou, S. and Meegaskumbura, M. (2021). A contribution to the larval amphibian microbiome: characterization of bacterial microbiome of <i>Ichthyophis bannanicus</i> (Order: Gymnophiona) and comparison with the other two amphibian orders. <i>bioRxiv</i> - https://www.biorxiv.org/content/10.1101/2021.09.20.461075v1 . doi: 10.1101/2021.09.20.461075.

(ii) National Journals:

S. No.	Title of the Paper with name of the Journal	Year
1.	Pandav, B. N., Shanbhag, B. A., Veeranagoudar, D. K., Ammann, V. H. F., Rajput, A. P. , Mogali, S. M., Purohit, S. and Saidapur, S. K. (2010). Population densities of the forest lizard, <i>Calotes rouxii</i> from Karnataka State, South India. <i>Hamadryad</i> 35, 111-113. (impact factor: 0.3)	2010

Articles Reviewed:

S. No.	Details of the Certificate Course	Year
1.	Zhou Z, Wu H, Li D, Zeng W, Huang J, Wu Z. (2022). Comparison of gut microbiome in the Chinese mud snail (<i>Cipangopaludina chinensis</i>) and the invasive golden apple snail (<i>Pomacea canaliculata</i>). <i>PeerJ</i> 10:e13245 http://doi.org/10.7717/peerj.13245 .	2022
2.	Costantini, M.S., Medeiros, M. C. I., Crampton, L. H. and Reed, F. A. (2021). Wild gut microbiomes reveal individuals, species, and location as drivers of variation in two critically endangered Hawaiian honeycreepers. tropical birds. <i>PeerJ</i> 9:e12291 https://doi.org/10.7717/peerj.12291 .	2021

Certification Courses Completed:

S. No.	Details of the Certificate Course	Year
1.	Completed Online Bioinformatics Course organized by the Centre for Advanced Training and Research Lucknow, U.P. (India) from 01-07, December, 2024.	2024
2.	Completed Genetic Engineering Course organized by the Centre for Advanced Training and Research Lucknow, U.P. (India) from 23-27 November, 2024	2024
3.	Completed Cancer Biology Certification Course (ID: J107403) organized by the Centre for Advanced Training and Research Lucknow, U.P. (India) from 18-27 October, 2024.	2024

Skills:

S.No	Details
1.	Statistical Analysis of data using SPSS software.
2.	Well acquainted with Microsoft office word documents, excel sheets and power-point presentations.
3.	Use of microtome to prepare tissue sections.
4.	Isolation and purification of DNA and RNA.
5.	Next-Generation Sequencing of Bacterial Microbiome.
6.	Gel electrophoresis
7.	Polymerase Chain Reaction (PCR)
8.	Micro dissections in amphibian tadpoles and fishes
9.	Fluorescent Microscopy

Extra-Curricular activities:

S.No	Details
1.	Passed the certificate “B” and “C” examination (NCC) in “A” grade held in 2004 and 2005, under the authority of Ministry of Defence, Government of India.