

Dr. Nitin Sawant

Assistant Professor

Ph. D. Goa University

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PUBLICATIONS

1. Trupti D. Jadhav, **Nitin S. Sawant**&Soorambail K. Shyama (2018) Diversity and distribution of freshwater turtles (Reptilia: Testudines) in Goa, India, 26 August 2018 | Vol. 10 | No. 9 | Pages: 12194–12202
2. Trupti Jadhav, **Nitin Sawant**& Soorambail K Shyama (2018), First report on presence and status of introduced invasive species Red-eared Slider, *Trachemys scripta elegans* in Goa, India, Research Article I NeBIO I Vol.9(2) 2018 I Pages 177-179
3. Nitin S. Sawant, Dikansh S. Parmar, Bungarus Caeruleus (Common Krait). Leucism, Herpetological Review 51(3), September 2020, Natural History Notes
4. ¹Nitin S. Sawant, ²Gangadhar Tambre and ³Dikansh Parmar &⁴Akshada Khandeparkar, “EFFECTS OF CLIMATE CHANGE ON THE HERPETOFAUNAL DIVERSITY OF WESTERN GHATS, GOA”, 2020
5. AKSHAY KHANDEKAR^{1,2}, DIKANSH S. PARMAR^{3,4#}, NITIN SAWANT^{3,5*} & ISHAN AGARWAL^{1,6,7}, A new species of the genus Hemiphyllodactylus Bleeker, 1860 (Squamata: Gekkonidae) from Goa, India, *Zootaxa*5027 (2): 254–268, 2021

Workshops/Orientation Program, Refresher course attended:

1. Participated in a week-long short-term Course in Research Methodology in Science, held from 05/02/2019 to 11/02/2019, UGC- Sponsored Orientation Programme, University Grants Commission, Human Resource Development Centre, Goa University.
2. Participated in the 4thToTProgramme on Biodiversity Governance organized by National Institute of Rural Development & Panchayati Raj, Hyderabad (Centre for Natural Resource Management), in Collaboration with National Biodiversity Authority, Chennai. Venue – Yeshwantrao Chavan Academy of Development Administration, Pune, from 18th to 20th March 2019
3. Participated in Teachers Training Workshop on “Understanding Climate Change & Sustainable Development Goals for Safer Planet and a Sustainable Future”, held at Goa University on 14th August 2018. Association with. The Climate Change Reality Project, INDIA.
4. **Organizing Secretary** for the International Symposium on Academic-Industry-Government Partnerships to Accelerate Radiation and clinical Translation (AIG-2018), 8th and 9th October 2018. In coordination with the International Conference on Radiation Biology, Under the auspices of Indian Society for Radiation Biology (ISRB). Organized by Goa University, BITS Pilani, KK Birla Goa Campus, NIITE Deemed to be University.
5. On the occasion of World Doctorates Day: Participated in a “**7th International Conference on Issues and Challenges in Doctoral Research**” (ICICDR-2019), held during 25-26 of August, 2019 at Goa University, Goa India.
6. Attended two days capacity building programme on, Intellectual Property Rights (IPRs), organized by Goa State Council for Science and Technology, Saligao, Bardez-Goa, in association with Technology Information Forecasting & Assessment Council, DST, GoI, New Delhi & IPR Cell, Goa University, At seminar hall, Block E, Goa University, Taleigao – Goa from 26th to 27th September 2019.
7. Participated in the 102nd Orientation Programme, held from 13/11/2018 to 10/12/2018, UGC- Sponsored Orientation Programme, University Grants Commission, Human Resource Development Centre, Goa University.
8. Participated for the Webinar on ‘Croaking Barometers- Frogs of Western Ghats’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 30-05-2021 at Zoom platform.
9. Actively participated in Clean India Programme along with NYK, in a capacity as NSS coordinator

10. Actively participated in organizing the National Youth Programme in capacity as NSS coordinator from 10th to 11th November 2021, at Shyama Mukharjee Stadium.
11. Attended online National webinar on “Scope of Wildlife Biology” organized by Department of Zoology, Dhempe College of Art’s and Science, Mirama, on 12th August 2021.
12. Represented Goa University and participated in the ‘Debate Competition’ held on the occasion of 70th Wildlife Week, 2021. Organized by Goa Forest Department, Government of Goa.
13. This is to certify that Prof./Dr./Mr./Ms. Dr. Nitin S. Sawant of Goa University has actively participated in the lecture series on ‘ZOOLOGY In 21st CENTURY’ during 17th to 22nd January 2022 organized by Department of Zoology, Shivaji University, Kolhapur on the occasion of Azadi Ka Amrit Mahotsav and Diamond Jubilee Year celebration of the University.
14. Participated in the annual National Conference on “Sustainable Ecosystem, Aquaculture, Fisheries and Fisherfolk (ANCOSEAFF, 2022), organized by Department of Aquatic Biology and Fisheries, University of Kerala, held from 28th to 29th January 2022, through Zoom mode. Hosted from Department of Aquatic Biology and Fisheries, University of Kerala Kariavattam, Thiruvananthapuram.
15. Attended National Webinar on "Advances in Plant Science" on 3rd and 4th February, 2022, organized by Department of Botany, Goa University.
16. Participated in the International e-Conference on “Recent Advances in Reproduction Technologies In Wildlife Conservation” from 11th to 13th November 2021, organized by LaCONES, CSIR-Centre for Cellular & Molecular Biology, Hyderabad, India.
17. Attended International e-Conference of “Recent Advances in Reproductive Technologies in Wildlife Conservation” Organised by LaCONES, CSIR, Centre for Cellular and Molecular Biology, Hyderabad, India. From 11th to 13th November 2021.
18. Attended the National Webinar on “Wildlife Conservation and Career in Wildlife” held on 19th November 2021, organized by Department of Zoology, Goa University.

19. Attended International Webinar Series on Amphibian Research organized by Department of Environmental Sciences, Sri Venkateswara College University of Delhi.
20. Participated in SEE Learning Educator Preparation on January 21st to 24th 2020 at Mundgod, India organized by The Center for Contemplative Science and Compassion-Based Ethics at Emory University.
21. Attended Short Term Course on Solid Waste Management, sponsored by University Grants Commission, Human Resource Development Centre Goa University, from 08/09/2020 to 14/09/2020, at Goa University.
22. Attended online webinar on “Introduction to Intellectual Property Rights (IPRs) and Patent Processing held on 16/09/2020, organised by Goa State Council for Science and Technology, SaligaoBardez-Goa, In Association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur.
23. Attended online webinar on Striking A Balance Between Virtual & Real Life: A Psychological & Legal Aspect”, organised by the Center for Counseling and Wellness Management in association with Internal Quality Assurance Cell of Govind Ramnath Kare College of Law Margao - Goa on 18th September 2020.
24. Attended online lecture on “Exploration, Discovery and Genetic Characterizations of India’s Biodiversity: Strategies for addressing the Linnaean shortfall in India, on 06/10/2020 at 04:00 to 05:00 pm
25. Attended online webinar on “Impact of Invasive Alien Species on Biodiversity Conservation” conducted by Zoological Survey of India, Southern Regional Centre, Chennai on 4th November 2020 from 02.00 to 5.00 pm.
26. Attended the webinar on ‘Patentable Subject Matter in Life Sciences under Indian Context’ delivered by Dr. Susil Kumar Mitra, Director, Centre for Intellectual Property Rights, Adamas University, Kolkata & Ex-Deputy Controller of Patents & Designs, The Patent Office, Government of India. On 7th November 2020.
27. Participated in two days “International E- Conference on Management of Wildlife under Changing Climate Scenario”. Presented paper entitled “Effect of Climate Change on Herpetofaunal Diversity of Western Ghats, Goa”. Organized by Department of Zoology, J. D. B. Govt. Gilrs College, Kota, Rajasthan, India, In collaboration with National Museum of Natural History, New Delhi,, Ministry of Environment, Forest & Climate Change, Govt. of India and Coordinated by, Rajiv Gandhi Regional Museum of Natural History, Sawai Madhorpur, Rajasthan India. 19/11/2020 to 20/11/2020.

28. Participated in the orientation on "National Education Policy" organized by IIC-Goa University on 07th December 2020.
29. Attended webinar on 'The wealth of ecosystem: How autonomy, biodiversity and connectivity optimize fitness of the biosphere' delivered by Prof. Bernard Patten, Regents Professor Emeritus, Odum School of Ecology, University of Georgia, Georgia, U.S.A. Organized by Multi-institute alumni of Zoology; Mentored by the Translational Outcomes Research Group, Department of Zoology, University of Calcutta on 12th December 2020 (Progress and prospects in Biology, Webinar Series)
30. Attended online Refresher Course in Environmental Sciences (Inter-disciplinary) held from 12/01/2021 to 25/01/2021, organized by University Grant Commission, Human Resource Development Centre, Goa University.
31. Attended International Webinar on "Animal Diversity: Local to Global, organized by Government Nagarjuna P. G. College of Science, Raipur, Department of Zoology, from 14th to 16th June 2021
32. Participated in the Regional Webinar on 'Conservation Concerns of Mugger Crocodile' on the occasion of World Crocodile Day June 17, 2021. Organised by Biodiversity Research Cell, Dept. of Zoology, Carmel College of Arts, Science and Commerce for Women, Nuvem, Goa in partnership with Goa State Biodiversity Board.
33. Attended online webinar on "Amazing world of Bats" organized by Dhakshin Maharashtra ShikshanMandals, BhauraoKakatkar College, Belgaum, jointly by Department of Zoology and Internal Quality Assurance Cell, held on 2nd July 2021.
34. Attended three days National Seminar on "Life & Life Processes: Interdisciplinary Approach for Sustainable Development", Organised by Department of Zoology, Goa University from 19th to 21st July 2021.
35. Under Swachh Bharat Summer internship Programme, to create awareness among the students and teachers we performed play, at Santa Cruz High School, Santa Cruz, Tiswadi-Goa.
36. Participated as resource Person for the pre-fest activity, as part of Science Film Festival of India, Initiated by Vidnyan Parishad Goa (Unit of Vijnana Bharati). Film screening

and interaction with students on conservation of environment was the main focus. Following schools were visited:

- (a) Sharada Vidyala High School, Cumbarjua.
- (b) Old Goa Edu. Institution.
- (c) Fr. Agnel Higher Secondary & High School.
- (d) St. Ann's High School, Thivim.
- (e) St. Clara's High School, Assnora.

37. Participated in the teachers training workshop on Understanding Climate Change & Sustainable Development Goals for Safer Planet and Sustainable Future, held at Goa University on 14th August 2018.
38. Invited to deliver a special talk on Wildlife Conservation by Dempo Charities Trust, Dhempe College of Arts and Science, Miramar, during a annual NSS camp at Government High School, Amona-Marcella, Goa, on 22nd December 2018.
39. Invited to deliver a special talk on Snakes by Dempo Charities Trust, Dhempe College of Arts and Science, Miramar, during a annual NSS camp at Government High School, Amona-Marcella, Goa, on 22nd December 2018.
40. Attended special lecture on Butterflies of India by IssacKehimkar, Butterfly Man of India on 4th January 2019.
41. Invited to delivered lecture on "Biodiversity" for the students of Sant SohrobanathAmbiye Government College of Art's and Commerce 21st September 2019

Memberships/Mentorship, Goa University:

1. Appointed as Mentor to coordinate and implement plan under Swachh Bharat Summer Internship program executed by Ministry of Human Resource Development (MHRD), in association with Swachh Bharat Mission, Ministry of Drinking Water and Sanitation (2018-2019, 2019-2020).
2. Member of Swachh Bharat Summer Internship (SBSI) evaluation committee (No:GU/9/E.A.&A.S/Swachh Bharat/2018/2023).
3. Member Board of Studies in Zoology under OA 14. (04/09/2018) for 3 years
4. Appointed as Nodal officer for prevention of vector borne disease at the premises of Goa University on vector borne diseases (14/06/2019)

5. Member of International Conference on issues and challenges in Doctoral research (ICICDR-2019), in organising committee (25th to 26th August 2019)
6. Member on GU Election Committee, Goa University 2019.
7. Member of State Expert Appraisal Committee, Government of Goa 2017 to September 2020.
8. Member of IUCN SSC Viper Specialist Group.
9. Member of Academic Council of Goa University 2020-2024
10. Member, Faculty Board in Life Sciences and Environment 22/09/2020 to 22/09/2023
11. Member IIC Goa University 2020-2021
12. Member Unnat Bharat Abhiyan 21-22
13. Member for framing syllabus for multitasking staff at Goa University 2021.
14. Member of 60th Goa Liberation Day committee 21/06/21
15. Member of the “Committee for preparing Goa State Biodiversity Action Plan (GSBAP)” Constituted by Goa State Biodiversity Board 18/06/2021.
16. Member of Expert Committee Member for NISP by Goa University to help frame Startup and Innovation Policy for Goa University. Your contribution to framing startup and innovation policy for Goa University would be greatly appreciated. Looking forward to your support.
17. Member of Sub-Committee to carry out the paper setting of question Paper I for Science subjects for admission to the Ph. D programme 2021-22
18. Member of IISF 2021 – Eco FEST

19. Member of the stakeholder committee to discuss matters pertaining to forthcoming 5th Fifth Bird Festival of Goa, Goa Forest Department 2021-2022.

Invited Lecture:

1. Invited to deliver lecture on Mammals of Goa at Home Science College on 9th December 2021
2. Invited to Inaugurate NSS at Don Bosco College on 11th December 2021
3. Invited to deliver talk on Snake diversity and conservation on the occasion of Azadi Ka Amrit Mahotsav (Celebrating the 75th Year of Independence) organize jointly by the office of PSA and Ministry of Culture, GoI in association with Vigyan Prasar, The Festival of Science & Technology “Vigyan SarvatraPujyate” from February 22-28, 2022 with the Goa University as one of the hosting partner.

Dissertations:

1. Diversity and Ecological Role of Arboreal Ants at Zarme, Goa. Mr. JalmeshKarapurkar (2018 -19)
2. Study of Herpetofauna of Goa University Campus, Taleigao ,Goa.Mr. Shubham Rane (2018 – 2019)
3. Fish diversity of Mayem Lake Miss. Gauri Cucolkar (2019 - 2020)
4. Dietary patter of five commercially tilised fish Miss. AkshadaKhandeparkar (2019 - 2020)
5. Diversity of Malacofauna of Mobor and Shirdao Beach Miss. Shweta Moye (2019 – 2020)
6. A study on ecology of TrimeresurusMalabaricus, Jerdon 1854 from Sural village Goa, Mayur Gawas (2020- 2021)
7. Aamir Jakati, Effect of land use change on diversity and species richness of subterranean and assemblages at Mhadei Wildlife Sanctuary 2021-2022.

Ph. D. Students

1. Mr. Dipak Bowalkar
2. Miss. Mithali Halankar
3. Mr. Shubham Rane
4. Mr. Mayur Gawas

Field Trips:

1. Conducted field trip for the students of MSc Part I, at Cotigao Wildlife Sanctuary and Galgibag Turtle Nesting site from 29th to 30th September 2018.
2. Conducted field trip at Goa University Campus for the students of PES College, Ponda, during their visit to our Department on 4th October 2018. 32 students and 2 faculty members participated for the same.
3. Assisted/Guided students from Lucknow University. Students visited at Carambolim Lake, Cotigao Wildlife Sanctuary and Turtle nesting site at Galgibag on 19th January 2019
4. Conducted field trip for the students of MSc Part I at Madhya Pradesh from 16th to 23rd February 2019. Visited Van Vihar at Bhopal and Madhya Pradesh State Biodiversity Board. Visited Kanha National Park.
5. Conducted overnight field trip for the students of MSc Part I, at Amboli 3rd and 4th August 2019.
6. Conducted field trip to Carambolim lake, for the students of MSc Part II, on 22nd December 2019.
7. Field trip to Cold Fisheries (Bhimtal), Kumao University and Nainital Zoo (Nainital), Corbet National Park, Delhi University (Delhi). From 22nd – 29th February 2020
8. Field trip at Cotigao Wildlife Sanctuary for the students of M.Sc. part I 2021
9. Conducted Filed trip for the students of M.Sc. part II student (Cluster Programme) at Mhadei Wildlife Sanctuary from 20th to 21st November 2021

Other Duties as assigned

1. Appointed as Supervisor/Invigilator to conduct written test for the post of Lower Division Clerk on 18/11/2018.
2. Appointed as Supervisor/Invigilator to conduct written test for the post of office attendant on 21/12/2018 in the Department of Commerce.
3. Appointed as supervisor for conducting Goa University Admission Ranking Test (GU-ART) Round II on 07/03/2020, At Chemical Sciences, Faculty E-Block,
4. Appointed as NSS coordinator.

Organised activities

1. Organised (convener) One Day Workshop on Taxonomy, Animal Behaviour and Wildlife Biology on 1st February 2019. 110 students participated for the workshop. Prof. Reena Matur, Former Head, Department of Zoology, University of Rajasthan delivered lecture on Animal Behaviour and Wildlife Biology. Dr. VaradGiri, Director, Foundation for Biodiversity Conservation delivered lecture on Importance of Herpetofauna.
2. Organised (Convenor) special lecture on “Wildlife Conservation in India and Career in Conservation. Invited Dr. A. J. T. Johnsingh, Eminent Wildlife Biologist, Conservationist and Author. 5th March 2019. More than 100 students including faculties from university and other affiliated colleges from Goa.
3. Organized (Convenor) one week workshop on “Introduction to Herpetofauna” sponsored by Directorate of Higher Education, Government of Goa from from 9th to 15th October 2019, Resource persons were Dr. VaradGiri, Ashok Captain and R. Chaitanya.
4. Organised (Convenor) two Days Workshop on “Wildlife and Nature photography” sponsored by Directorate of Higher Education, Government of Goa from 13th to 14th December 2019 Resource persons were Mr. Raman Kulkarni.
5. Organised (Convener) four days’ workshop on “Molecular Phylogeny” sponsored by Directorate of Higher Education, Government of Goa, from 4-6 March 2020. resource persons R. Chatanya and Praveen Karanth
6. Organised lecture on Bio prospecting, Bio piracy and IPR for the M. Sc. Part II students, resource person Dr. Pradip Sarmokadam, Member Secretary, Goa State Biodiversity Board, on 08/12/2020. This lecture was part of syllabus.

7. Organized National webinar on Wildlife Conservation and Career in Wildlife” Resource person, Dr. Sanjay Gubbi (Nature Conservation Foundation, Scientist, Western Ghats), on 19th December 2021

Others:

1. Lok Sabha election duty as Presiding Officer at Sankhalim Constituency
2. Appointed as Counting Supervisor for counting of votes for the by poll and loksabha elections conducted in 2019. (23/05/2019)
3. Received grants from Directorate of Higher Education, towards conducting two workshops viz “one week course on “Introduction to Herpetology”, and two days’ workshop on Wildlife and nature photography.

Major project:

1. Diversity of Herpetofauna of Goa, Maharashtra and Karnataka, Funded by Ministry of Environment and Forest, Government of India for three years. Total amount of Rs. 52.0 Lakhs. 2019.

Minor project:

1. Development of Butterfly Gardens at Government College Pernem and Sankhalim sponsored by Directorate of Higher Education. 2019-2020.
2. Preparation of Management Plan for Mhadei Wildlife Sanctuary, sponsored by Goa Forest Department, Government of Goa.

Awards/Felicitation

1. Felicitated at the hands of Dr. Pramod Sawant, honourable Chief Minister, Government of Goa for outstanding contribution towards organising the National Youth Parliament held from 10th to 11th November 2021, at Shyama Mukherjee Stadium.

2. Felicitated at the hands of Dr. Pramod Sawant, honourable Chief Minister, Government of Goa for outstanding performance as NSS Coordinator, during the 50th year celebration of Nehru Yuva Kendra on 14th November 2021, at Porvorim.