

Curriculum Vitae

Dr. Bhavik K. Vakani

M.Phil., Ph.D. (Zoology)

Email: bkvakani@sauuni.ac.in

Research Gate: https://www.researchgate.net/profile/Bhavik_Vakani

ORCID ID: orcid.org/0000-0002-9922-0358

Researcher ID: <http://www.researcherid.com/rid/I-4807-2014>



PERSONAL DETAILS :

Date of Birth : 24th May

Sex : Male

Marital Status : Married

Nationality : Indian

Hobbies : Swimming, Exploration of Places

Language known : English, Hindi, Gujarati (Read, Write, Speech)

CONTACT DETAILS :

Current Address : Sadhuvaswani Road, Rajkot. PIN: 360005

Mobile Number. : +91- 94081797696

CURRENT POSITION : Assistant Professor (Ad-hoc), Department of Biosciences, Saurashtra University, Rajkot, Gujarat (India) Pin-360005

EDUCATION QUALIFICATION

2014-2019 : **Doctor of Philosophy (Ph.D.) in Zoology**

2012-2013 : **Master of Philosophy (M.Phil.) in Zoology**

2010-2012 : **Master of Science (M.Sc.) in Marine Sciences**

2006-2010 : **Bachelor of Science (B.Sc.) in Zoology**

WORK EXPERIENCE:

I have been working as an Assistant Professor in the UGC-CAS Department of Biosciences, Saurashtra University, Rajkot from 2019. I have satisfactorily conducted theory and practical classes in Zoology, Biodiversity and Biosystematics, Environmental Science, Structure and functions of Invertebrates, Animal Ecology, Aquaculture and Fisheries Technology, Marine Ecology, Wildlife Biology & Animal Behaviour in M.Sc. Besides, I have also supervised an M.Sc. dissertation in Zoology subject, in the areas of Animal Systematics, Ecology and Marine Biology, covering the aspects of Diversity, Distributions, and Taxonomy. 25 dissertations were successfully guided. I have published several research papers in different National and International Journals of repute and have contributed one Book chapter also. Besides, I have given many poster and oral presentations at National and International conferences to his credit and got awards for best presentation.

RESEARCH PAPERS & BOOK PUBLICATION:

Encl	Details
17	Imtiyaz Belem; Ele Vahtmäe; Ants Kaasik; Robert Szava-Kovats; Paresh Poriya; Bhavendra Chaudhary; Bhavik Vakani ; Helen Orav-Kotta (2023). Applying machine learning to predict spatial patterns of intertidal communities: the role of observation scale on satellite data analysis. <i>Estuarine, Coastal and Shelf Science (Manuscript Number: YECSS-D-23-01003) (COMMUNICATED)</i>
16	Imtiyaz Belem; Ele Vahtmäe; Ants Kaasik; Robert Szava-Kovats; Paresh Poriya; Bhavendra Chaudhary; Bhavik Vakani ; Helen Orav-Kotta (2023). Applying machine learning to predict spatial patterns of intertidal communities: the role of observation scale on satellite data analysis of the Gujarat coast, India. <i>Remote Sensing Applications: Society and Environment (Manuscript Number: RSASE-D-23-01380) (COMMUNICATED)</i>
15	N. Gajera, B. Vakani and R. Kundu (2022). Radular Morphology and Relationship Between Shell Size and Radula Size of Few Dominating Intertidal Gastropod Mollusks of Veraval Coast, Gujarat. <i>Frontiers in Marine Science</i> . 9 (Article: 657124). DOI: 10.3389/fmars.2022.657124
14	B. Vakani and R. Kundu (2021). Diversity and distribution of Siphonariid limpets along the coastline of mainland India. <i>Journal of the Bombay Natural History Society (JBNHS)</i> . 118: 131–140. DOI: 10.17087/jbnhs/2021/v118/143634
13	A.Patil, A. Naik, B. Vakani , R. Kundu, N. Banapurmath, M. Roseline, Lekha Krishnapillai, Shridhar Mathad (2021), Next Generation Material for Denture Teeth and Denture Base Material: Limpet Teeth (LT) as an Alternative Reinforcement in Polymethylmethacrylate (PMMA). <i>Journal of Nano and Electronic Physics</i> . 13 (2): 02033(6pp) DOI: 10.21272/jnep.13(2).02033.
12	B. Vakani , R. Kundu (2020). Distributional pattern of two limpet groups in the rock pool habitat of the south Saurashtra coastline, Gujarat, India. SSRN, Elsevier publication. https://ssrn.com/author=4132543
11	B. Vakani , T. Nakano & R. Kundu (2020). Diversity and taxonomy of the intertidal patellogastropod limpets of the mainland Indian coastline. <i>Zootaxa</i> , 4728 (2): 211–226. DOI: 10.11646/zootaxa.4728.2.3
10	A. Riyas, A. Biju Kumar & B. Vakani (2019). First Record of Rhizostome Jellyfish <i>Catostylus perezii</i> Ranson 1945 (Cnidaria: Scyphozoa) from the Indian Coast. <i>Thalassas: An International Journal of Marine Sciences</i> , 35(2), 519-524 DOI: 10.1007/s41208-019-00157-z

9	S. Joseph, B. Vakani & R. Kundu, (2018). Molecular phylogenetic study on few morphotypes of a patellogastropod <i>Cellana karachiensis</i> from northern Arabian Sea reveals unexpected genetic diversity. <i>Mitochondrial DNA Part A</i> , 29(2): 181-191. DOI: 10.1080/24701394.2016.1261854
8	S. Joseph, P. Poriya, B. Vakani & R. Kundu, 2016. Application of Molecular Phylogeny and Bioinformatics for Identification of Cryptic Species in a Community. <i>International Journal of Ecology and Environmental Sciences</i> . 42 (4): 321-325.
7	B. Vakani , P. Poriya & R. Kundu, 2016. Spatio-temporal variations in the distribution pattern of key molluscs in a rocky intertidal habitat at South Saurashtra coastline of Gujarat. <i>International Journal of Ecology and Environmental Sciences</i> . 42(4): 341-348.
6	P. Poriya, B. Vakani & R. Kundu, 2016. First record and colour banding pattern of <i>Cellana karachiensis</i> (Winckworth, 1930) (Mollusca: Patellogastropoda: Nacellidae) from Gujarat coast, India. <i>Indian Journal of Geo-Marine Science</i> , CSIR, New Delhi. 45 (1), 161-166.
5	P. Poriya, B. Vakani & R. Kundu, 2014. New Record of Live Coral Species Colonizing Intertidal Zones along Southern Saurashtra, India. <i>Journal of the Bombay Natural History Society (JBNHS)</i> , 111 (2):98-105.
4	P. Poriya, B. Vakani , P. Kachhiya, B. Chaudhari & R. Kundu, 2014. Diversity and first record of Heterobranch Gastropods (opisthobranchs) from the Saurashtra coast of Kathiawar Peninsula, India. <i>Marine Biology Records</i> . 8 (e82): 1-7.
3	S. Joseph, P. Poriya, B. Vakani , S. P. Singh, R. Kundu, 2014. Identification of a group of cryptic marine limpet species, <i>Cellana karachiensis</i> (Mollusca: Patellogastropoda) off Veraval coast, India, using mtDNA COI sequencing. <i>Mitochondrial DNA Part A</i> , 27 (2): 1328-1331.
2	J. Faladu, B. Vakani , P. Poriya, R. Kundu, 2014. Habitat Preference and Population Ecology of Limpets <i>Cellana karachiensis</i> (Winckworth) and <i>Siphonaria siphonaria</i> (Sowerby) at Veraval Coast of Kathiawar Peninsula, India. <i>Journal of Ecosystems</i> . Hindawi Publication
1	B. Vakani , P. Poriya & R. Kundu, 2014. Spatio-temporal variations in the population ecology of two limpets in a rocky intertidal shore of South Saurashtra coast (Gujarat: India). <i>The Ecoscan</i> . 8(1&2): 71-75.
	<u>Book Chapter:</u>
1	B. Vakani , R. Kundu. 2018. In: B. K. Mahapatra, A. K. Roy and N. C. Pramanik , Habitat characterization of the Gastropod limpets in The Intertidal region of the mainland Indian Coastline. Sustainable Management of Aquatic Resources (Part 1), Pages 231-245. Narendra publication House, Delhi, India.

EXTRA-CURRICULAR ACTIVITIES:

MEMBERSHIP & ACTIVITIES

I am a member of many Scientific communities, NGOs and social organizations. administration and social body. I have also trained people for Biological conservation and scientific purposes and supported many national and international research activities.

Scientific Organizations

- Life-Member- Association of Fungal Biologists, India
- Life-Member- Association of Zoology (**AOZ**), Gujarat
- Founder member- **Planet Foundation** (NGO), Gujarat
- Teacher In-Charge (2021-22): **Life Sciences Association**, Dept. of Biosciences, Saurashtra University, Rajkot.
- Member (2012-16): **Life Sciences Association**, Dept. of Biosciences, Saurashtra University, Rajkot.
- Vice President (2012-13): **Life Sciences Association**, Dept. of Biosciences, Saurashtra University, Rajkot.

SKILLS AND EXPERTISE:

- Biodiversity, Marine Biology, Intertidal Ecology
- Field survey, Sampling Methods for Biodiversity assessment
- Microscopy

Place: Rajkot

(Dr. Bhavik Vakani)