

Research Papers Published/Presented in Journals/Proceedings/Conferences by Dr. Sudesh D. Rathod, Department of Zoology, VPM's B. N. Bandodkar College of Science, Thane

No	Author/s	Title	Journal Name	Issue
1	Rathod S. D., N.N. Patil; Goldin Quadros; R. P. Athalye	Qualitative Study of Fin Fish and Shell Fish Fauna of Thane Creek and Ulhas River Estuary Pages: 136-141. Link	<i>Proc. National Seminar on Creeks, estuaries and Mangrove-Pollution and Conservation. 28th to 30th Nov., 2002</i>	2002
2	Rathod S. D. and Patil N. N.	Seasonal Assessment of some physico-chemical parameters of Ulhas river estuary, in the vicinity of Thane city, Maharashtra Link	<i>Proc. UGC sponsored national level conference on "Recent trends in Biological Sciences" Organized by Dept. of Zoology People's Education Society's Dr. Babasaheb Ambedkar College, Mahad Dist. Raigad, Maharashtra. 20th to 21st Feb., 2009</i>	2009
3	Rathod S. D. and Patil N. N.	Food and Feeding Habit of <i>Boleophthalmus dussumieri</i> (Cuv. & Val.) from Ulhas River Estuary Near Thane City, Maharashtra State. Link	<i>Proc. UGC sponsored state level seminar on "Marine Coastal Biodiversity & Environment Pollution" RayatShikshanSanstha's Veer Wajekar Arts, Science and Commerce College, MahalanVibhag, Phunde. 6th March, 2009</i>	2009
4	Rathod S. D. and Patil N. N.	Food and Feeding Habit of <i>Mystus gulio</i> (Ham.) from Ulhas River Estuary and Thane Creek. Link	<i>12th National Conference of Society of Science and Environment Interdisciplinary Approaches In Environmental Sciences Department of Zoology, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat. 9th and 10th October, 2010</i>	2010
5	Vishakha Shigala, Sudesh D Rathod, Poonam N Kurve, Nandini N Patil	Spatio-Ecological Approach To Environmental Management Of Three Neretic Ecosystems Along Maharashtra Coast, India. Link	<i>UGC Sponsored National Conference on 'Environment Management & Challenges for Sustainable Development'. Organized by M. D. College, Mumbai And The International Society of Science and Technology,</i>	2011

			Mumbai 2nd and 3rd February, 2011	
6	Rathod S. D. and Patil N. N.	Assessment of Pollution Status of Ambient Water Bodies Using Food Selection Habit of <i>Mystus Gulio</i> (Ham.) From Ulhas River Estuary and Thane Creek In The Vicinity of Thane, Maharashtra, India. Link	<i>Proceedings of the International Conference, JERAD and SVNIT at Surat, India. Article: SS-I-1119, Page 233 and Sardar Vallabhbhai National Institute of Technology (SVNIT) Globally accepted centre of excellence in Technical Education Ichchhanath, Surat-395007 (India) 15th to 17th December, 2011</i>	2011
7	Rathod S. D. and Patil N. N.	Spatial Fin-Fishery Species Diversity of Ulhas River Estuary. Link	<i>International conference. Biodiversity Asia 2012- Science, Policy and Governance. 2nd Regional Conference of Society for Conservation of Biology- Asia. Indian Institute of Science, Bangalore 7th to 10th August, 2012</i>	2012
8	Rathod S. D.	Chronospatial Frequency Of Fishing Gears Used Along The Ulhas River Estuary. Link	<i>International Conference on Ecosystem Services of Wetlands-Ardrabhoomi-2016, VPM's B. N. Bandodkar College of Science Thane, Maharashtra India. 16th to 17th February, 2016</i>	2016
9	Rathod S. D.	The Relationship of Spatial Fisheries Diversity with Hydrological Conditions of Ulhas River Estuary. Link	<i>International Conference on Eco Friendly and Socially Responsive Economy and Equity: Issues and Challenges of 21st Century for Emergent Sustainable Development amongst SAARC Countries, Department of Zoology, Mohanlal Sukhadia University, Udaipur, Rajasthan, India. 9th to 11th January, 2017</i>	2017
	Sudesh Rathod, Abhay S. Morajkar and Pratipada H. Lohar	Behavioural Studies of <i>Boleophthalmus Dussumieri</i> (Val. 1837) on the Silted Intertidal Mudflats of Ulhas River Estuary. LINK	International Journal of Advance and Innovative Research. Vol.6, Issue1(XXXV) Page: 137-141. ISSN: 2394-7780	2019
	Sudesh Rathod, Abhay S. Morajkar and Pratipada H. Lohar	Surficial Emergence of <i>Boleophthalmus Dussumieri</i> (Val. 1837) Synchronized With Tidal	International Journal of Advance and Innovative	2019

		Oscillation on the Silted Intertidal Mudflats of Ulhas River Estuary LINK	Research. Vol.6, Issue2(III) Page: 196-200. ISSN: 2394-7780	
10	Rathod S. D.	Plastic Peril on Species Diversity and Fish Catch: A Zone-wise Comparative Assessment between Ulhas River Estuary and Thane Creek. Link Link2	<i>National Conference on Materials and Their Applications: A Broad Prospective (NCMA-2020) 9th & 10th January 2020</i>	2020
11	Sudesh Rathod	View-Point: “ARE WE CHANGING THE UNIVERSE?”	J-BNB (ISSN 2454-2776), Volume No. 09, 2020, Page 28.	2020
12	Sudesh Rathod	Correlation of Hepatosomatic Index (I_h) and Fulton’s Condition Factor(K) With Some Biological Parameters of Ambient Species from Mumbai Inward Waters. LINK LINK2	J-BNB (ISSN 2454-2776), Volume No. 11, 2020, Page 137-151.	2021

Research Projects by Dr. Sudesh D. Rathod, Department of Zoology, VPM’s B. N. Bandodkar College of Science, Thane

Sudesh D. Rathod	Zoology	Effect Of Pollution on Mudskipper Fishery of Ulhas River Estuary with A Special Reference to The Biology of <i>Boleophthalmus dussumieri</i> (Cuv. & Val.) LINK	15000/-	2005
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Ph. D. Thesis by Dr. Sudesh D. Rathod, Department of Zoology, VPM’s B. N. Bandodkar College of Science, Thane

Researcher	Guide	Title	Submission	Awarded
Sudesh D. Rathod	Dr. Nandini N. Patil	‘Studies on Pollution Status, Fish Faunal Diversity and Biology of Some Important Fishery Species viz. <i>Mystus gulio</i> (Ham), <i>Boleophthalmus dussumieri</i> (Cuv. & Val.), <i>Scylla serrata</i> (Forsskal) and <i>Cardium asiaticum</i> (Brug.) from Ulhas River Estuary and Thane Creek’ (Shyodhganga). . LINK	June 2016	Dec 2016

Patents by Dr. Sudesh D. Rathod, Department of Zoology, VPM's B. N. Bandodkar College of Science, Thane

Inventors	Nation	Title	Publication	Year
Mr. Nitin Prakash Koche, Kantilal H. Nagare, Dinesh D. Wanule, Rinkesh V. Kurkure, BK. A. B. Patil, Shubhada Neel, Shirley B. Agwuocha, Utkarsha Chavan, Sudesh D. Rathod, Ashok Purohit, Hiraram	Granted by India	<i>An Eco-Friendly or Economical Method for Large Scale Manufacturing of Iron and Iron Oxide Nanoparticle Using Extract of Lac.</i> Link	National Patent (Sanctioned) Date of Publication: The Patent Office Journal 17/02/2017 Granted date 09/09/2021. Ref. No: 201721004226	2021
Sudesh Rathod, Rajesh Chandrakant Patil, Saira Mulla, Mayur P. Desai, Ashu Pandey, Ashok Pandurang Patil, Umesh Bhauraoji Kakde, Gautam Vithobaji Zodape, Anil Surendra Singh:	Published by India	ANTI-DANDRUFF HAIR OIL COMPOSITION. Link	National Patent Ref. No: 765/MUM/2014 A, Year: 03/2014, DOI:10.13140/2.1.1253.9205	2014
Sudesh Rathod, Rajesh C. Patil, Kakoli Dassharma, Arvind Samb Kulkarni, Madhura Deepak Mukadam, Rajmahammad Rasul Tamboli, Vidya Sunil Tale, Bhupendra Lalit Madavi, Manisha Kulkarni	Published by India	HERBAL TOPICAL COMPOSITION FOR TREATMENT OF ACNE VULGARIS. Link	National Patent Ref. No: 2556/MUM/2014, Year: 08/2014, DOI:10.13140/2.1.3898.9127	2014