

FACULTY PROFILE

Personal Information:



Name of Faculty : Dr. Avinash Anand Raut
Designation : Assistant Professor
Department : Department of Microbiology
Residential Address : Shree Bunglow, Fort Area, Near New
Water Tank of Fort Area,
Miraj
Date of Birth : 13/10/1983
Date of Appointment : 20/05/2023
Marital Status : Married
E-Mail : rautavinash@gmail.com
Language Proficiency : Marathi, English, Hindi

Academic Qualification: M.Sc., M.Phil, Ph.D.

Course	Board/University	Year of Passing	Percentage	Division	Subjects
Ph.D.	Shivaji University, Kolhapur	2013	-	-	Microbiology
M.SC.	Shivaji University, Kolhapur	2006	62.13%	-	Microbiology
B.SC.	Shivaji University, Kolhapur	2004	60.92%	-	Microbiology
H.S.C.	Kolhapur Board	2001	46.17%	-	PCMB
S.S.C	Kolhapur Board	1999	71.46%	-	-----

Research Qualification:

Course	University	Year	Topic of Research
Ph.D.	Shivaji University, Kolhapur	2013	Studies on aerobic non symbiotic nitrogen fixing microorganisms from littoral soil of Lonar Lake
M. Phil.	-----	-----	-----
JRF/ NET	-----	-----	-----
SET	Savitribai Phule Pune University, Pune.	2022	Life Sciences

Teaching Experience:

- Assistant Professor CHB in Microbiology at Yashwantrao Chavan College of Science Karad: **10/07/2007 to 28/02/2014.**
- Assistant Professor CHB in Microbiology at Yashwantrao Chavan College of Science Karad: **23/11/2014 to 28/02/2015.**
- Lecturer Contract Basis at Department of Biotechnology Entire: **02/07/2015 to 30/04/2019.**
- Assistant Professor CHB in Microbiology at Yashwantrao Chavan College of Science Karad: **19/08/2019 to 19/05/2023.**

Area of Specialization: Microbiology, Biotechnology, Microbial Ecology and Extremophiles.

Research Papers Published – International/National Journal:

Sr. No.	Title of the Paper	Name of Authors	Journal Name	Impact Factor	ISSN or ISBN No.	Page No.
1	Isolation and biochemical characterization of phosphate solubilizing bacteria from soils of some regions of Satara district.	Sutar KA, Raut AA , Shaikh NR	<i>Res. Jr. Agril. Sci.</i>	NAA S Score: 4.56	00975-075 (P) 2249-4538 (O)	212-216
	Biosynthesis of silver nanoparticles by some microorganisms isolated from jewelry shop waste. 14(5): 1135-1146.	Raut AA , Patil RR, Mulani AA, Patil VR, Shinde SS, Yadav KA, Sutar KA, Patil JU, Mali GV.	<i>Res. Jr. Agril. Sci.</i>	NAA S Score: 4.56	00975-075 (P) 2249-4538 (O)	1135-1146
2	Effect of Electromagnetic radiations of a mobile phone on the growth of some pathogenic bacteria	Avinash A. Raut , Anirudha H. Patil, Amir D. Mulla,	Mukt Shabd Journal	4.6	2347-3150	259-280

		Omkar S. Chougale, Viresh V. Kumbhar, Prasad B. Hasole, Kirti A. Yadav, Kishor A. Sutar, Jaysing U. Patil				
3	Biotreatment of paper mill effluent using Alkaliphilic <i>Rhizobium</i> sp. NCIM 5590 isolated from meteoric alkaline Lonar Lake, Buldhana District, Maharashtra, India.	Raut AA , Phugare SS, Kalyani DC, Bajekal SS.	<i>Lakes & Reservoirs: Research and Management</i> , Wiley Inc.	0.332	I1440-1770(O) 1320-5331(P)	1-9
4	Biocontrol of biofilm produced by <i>Pseudomonas aeruginosa</i> using extremely halophilic Marine bacteria isolated from Malvan region.	Mamata P. Abhyankar, Tanaji B. Sawant, Arif A. Mulani, Geetanjali S. Patil, Suryakant S. Wadkar, Avinash A. Raut	EC Microbiology	1.782	1130-8729	536-544
5	Nutritional Characteristics of the Pulp of the Fruit <i>Annona cherimola</i> Mill. and its Related Ethnomedicinal Properties	Anup A Tamgave, Shreyas T Tamgave, Avinash A. Raut , Suryakant S Wadkar and Jai S Ghosh	EC Nutrition	2.648	1129-8723	645-648

Research Paper Published – Conference Proceedings:

Sr. No.	Title of paper	Name of Authors	Organised By	Name of Conf.	ISBN No.	Vol. No.	Page No.
1	Isolation and Characterisation of bacteria from herbal tablets used in the	Nangare Varsha S., Raut A. A. , Rawal R.V., Padule A.	Research Book (Balwant College,	NCOBAB-29 th December, 2022)	78-81-956739-6-4	0	0

	treatment of Rheumatoid arthritis.	R., Chavan Shubhangi S., Sarojan Patole.	Vita (M.S.) India				
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Books Published/Chapter in Books:

Sr. No.	Title of Book	Publication	Year of Publication	ISBN No.
1	Recent Progress in Microbiology and Biotechnology.	Book Publisher International, United Kingdom	2020	978-93-89816-82-2 (Print) 978-93-89816-83-9 (eBook)

Conference/Seminars/Workshops Attended:

Sr. No.	Name of Programme	Organized By	Year & Duration	Level of Conference
1	New Revised NEP syllabus workshop of MSc 1 Sem 1 of General Microbiology: Microbial Systematic, research Methodology and Practical Course-II	Shivaji University, Kolhapur and Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.	11 th and 12 th September, 2023	University level
2	National Conference on Biodiversity and Biosciences (NCOBAB-2022) entitled "Isolation and Characterisation of Bacteria from herbal tablets used in the treatment of <i>Rheumatoid arthritis</i> " held on 29 th December, 2022.	Balwant College Vita Maharashtra	2022	National
3	Biotechnology for Better Tomorrow (ICBBT-2022) held at from entitled "Biodiversity of Extremophilic Nitrogen Fixing Bacteria from Lonar Lake, Maharashtra, India".	Department of Biology, Faculty of Mathematics and Natural Sciences, Udayana University, Bali, Indonesia in collaboration with Vidya Pratishthan's Arts, Science and Commerce College, Baramati, India	29th and 30th October, 2022	International

Research Guidance:

Course	Current Fellows	Awarded Fellows
M.Phil.	-	-
Ph.D.	-	-

Orientation/Refereshers/Short Term Courses Attended:

Sr. No.	Name of Organiser	Name of Programme	Year of Programme	Duration (in Days)
10	Teaching learning Centre Ramanujan College, University of Delhi in collaboration with Dhote Bandhu Science College, Gondia, Maharashtra under the aegis of Ministry of Ministry of Education, Government of India.	Faculty in Universities/Colleges/Institutes of Higher Education	21 August to 19 September 2023	30 days

Awards/Honours:

Sr. No.	Name of the Award	Awarding Agency	Level	Year
1	Marquis Whos's Who in the World	Marquis Who's Who USA.	International	2013

Co-Curricular/Extra Curricular Activities:

Sr. No.	Type of Activity	Year	Event/Programme	Place
1	Shivaji University, Kolhapur Exams Paper Evaluator and Moderator	2017-2023	Paper Evaluation and Moderation for MSc. I and MSc II Microbiology	Shivaji University, Kolhapur
2	External Examiner at Karmaveer Bhaurao Patil University's, Yashwantrao Chavan Institute of Science, Satara for M.Sc. Biotechnology Practical Examination. Worked as a paper setter of 02 different papers of MSc 1 and MSc 2 General Microbiology during the academic year 2022-2023.	6 th December, 2022 to 8 th December, 2022	External Examination	Karmaveer Bhaurao Patil University, Satara

	<p>Worked as a paper setter in online mode of 05 different papers of MSc 1 and MSc 2 General Microbiology during the academic year 2021-2022.</p> <ol style="list-style-type: none"> 3. Worked as a paper setter in online mode of 05 different papers of MSc 1 and MSc 2 General Microbiology during the academic year 2020-2021. 4. Worked as a paper setter in of 02 different papers of MSc 1 and MSc 2 General Microbiology during the academic year 2019-2020. 5. Worked as an Organizing Secretary in the One Day Online Workshop on “Changed Syllabus of BSc III Microbiology semester V & VI (Paper XI & Paper XIV)” organized by IQAC and Department of Microbiology, Yashwant rao Chavan College of Science, Karad in collaboration with Shivaji University, Kolhapur on 06th March, 2021. 6. Worked as an Organizing Secretary in the One Day National Webinar on “Living with COVID 19” organized by IQAC and Department of Microbiology, Yashwantrao Chavan College of Science, Karad in collaboration with Shivaji University, Kolhapur on 14th June, 2020. 7. Worked as an Organizing Secretary in the One Day National Webinar on “Living with COVID 19” organized by IQAC and Department of Microbiology, Yashwantrao Chavan College of Science, Karad in collaboration 			
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	<p>with Shivaji University, Kolhapur on 14th June, 2020.</p> <p>8. Worked as an Webinar Coordinator in the One Day International Webinar on “Current Perspectives of Microbial Diseases 2020” organized by IQAC and Department of Microbiology, Yashwantrao Chavan College of Science, Karad in collaboration with Shivaji University, Kolhapur on 5th June, 2020.</p> <p>9. Worked as an Organizing Secretary in the One Day National Workshop on “Intellectual Property Rights” organized by IQAC and Department of Microbiology, Yashwantrao Chavan College of Science, Karad in collaboration with Shivaji University, Kolhapur on 27th December, 2019.</p> <p>10. Working as a Coordinator of UGC NSQF sanctioned course and Shivaji University, Kolhapur approved course entitled “A Certificate Course in Production of Biofertilizers and Biopesticides” since 2021.</p>			
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Place : Karad

Name of Faculty

Dr. Avinash Anand Raut