

Name:-Dr.Dnyaneshwar Sawairam Rathod

Personal Details:

Designation	Assistant Professor	
Qualification(s)	M.Sc.B.Ed.Ph.D	
Email-Id	dr_dsrathod@rediffmail.com	
	drrathodrsml@gmail.com	
Office Contact No:-	02382-2245933	
Mobile No (Optional):-	7720924930	

Educational Details:

Sr.No.	NameofCourse (UG/PG/Other)	NameofInstitute/University	Year
1	B.Sc.	Dr.B.A.M.Univerisity, Aurangabad	1993
2	B.Ed	Dr.B.A.M.Univerisity, Aurangabad	1995
3	M.Sc.	Dr.B.A.M.Univerisity, Aurangabad	1996
4	Ph.D.	S.R.T.M. University, Nanded	2008

Member of College Committees

Sr. No.	Name of Committee	Role
1.	Member of exam committee as ACS	To conduct exam
2.	Coordinator of Avishkar Research festival	To promote the students to take active participation in research activity. To motivate the students for development of innovative idea
3.	Member of NAAC Committee (Criteria-III)	Help in preparation of SSR.

Member of Professional Committees and other organizations

Sr. No.	Name of Committee	Role
1.	Chairman of BoS in Zoology and Fishery Science	
2.	Member of Academic Council	
3.	Member of NAAC Committee (Criteria-III)	Help in preparation of SSR.
4.	Member, Board of Studies in Information Technology Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	
5	Life Membership, Indian Association of Aquatic Biologists (IAAB)	

Research Project:

Sr. No.	Title of Research	Funding Agency/ Organization/Name of The University
1	Major Research Project (MRP): Molecular Characterization of Collagenase Family Matrix Metallo Proteinases (MMPs) and Investigations on their Inhibitors for Cancer therapy.	UGC

Research Guidance:

* No. of Students under Research Guideship: 04

* Experience Details:

Sr. No.	Particulars	Durations
1.	Vai. Dhunda Maharaj Degloorkar Mahavidyalaya, Degloor	June 1998 to Sept. 2001
2.	Rajarshi Shahu Mahavidyalaya, Latur. (Autonomous)	08.10.2001 to Till date

Skills:

- Competency in using software of dissection
- Use of software of Bioinformatics like BLAST and FASTA
- Competency in Toxicology.

Books Published/ Edited:

Name of Book	Author(s)	ISBN	Year	Edition	Publisher
Text Book on Fish Toxicology	Dr.D.S.Rathod	978-93-5240-143-7	2015	First edition	Aruna Prakashan, Latur.
Recent Trends in Applied sciences	Dr.D.S.Rathod	978-93-92464-55-3	2022	First edition	Prabhakar Publication, Latur

Academic Awards/Medals and Honors/Rewards received:

Sr. No.	Name of the Staff Member	Name of Awards	Name of the Awarding Body/Agency	Month and Year of award
1.	Dr.D.S.Rathod	Swami Vivekananda International Honor Award	Weekly Jan Adhyayan Nanded	7 Oct. 2018
2.	Dr.D.S.Rathod	Avishkar Achiever Award-2023	Avishkar Foundation, Solapur	28.03.2023

Organization of Seminar/Conference/ Workshop/ symposia/ webinar:

1. Convenor for **SERB sponsored** "National Symposium on "Applied Zoology, Profitable Animal Production, and Health: Current Status and Future Progress."
2. Coordinator for Latur District Level Avishkar-2023 jointly organized by S.R.T.M.University and Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
3. Convenor for Workshop on Preparation for Competitive Examination in Life Sciences'
4. Convenor for **Maharashtra State Khadi and Village Industries sponsored** 05 Days short Term Training Course in Beekeeping
5. Convenor for **Maharashtra State Khadi and Village Industries sponsored** One day Bee keeping awareness programme
6. Convenor for International Webinar On "Ecosystem based Disaster Risk Reduction, As a Methodology for sustainable rural development"
7. Convenor for One Day National e-Workshop on Research Paper and Review Article Writing
8. Convenor for Two Week Workshop on CSIR-UGC NET, SET, GATE PET Entrance Examination
9. Convenor for National E-workshop on Freshwater Fish Culture for Fish farmers
10. Convenor for Online One Day Industry Academia Workshop On Career Opportunity in Animal Science
11. Convenor for National e- Workshop on Bee Keeping Awareness for Farmer (NWBKAF-2021)

Professional Development Programs attended:

Sr. No	Name of Professional Development Programs	University	Date
1	UGC Sponsored Orientation Programme	UGC-Academic Staff College Panjab University, Chandigarh	28.11. 2013 to 25.12.2013
2	UGC-HRDC UGC Sponsored Refresher Course	Pondicherry University (A Central University) Pondicherry	08.06.2016 to 28.06.2016
3	Refresher Course in Life Science	UGC-Human Resource Development Centre University of Hyderabad	05.02.2019 to 07.03.2019
4	Short Term Course	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	26.12.2022 to 31.12.2022

Research Publications through National /International/ISBN/ISSN Journals:

Sr. No.	Year	Title of paper (with author name, journal name, ISBN/ISSN No, Vol. No., Page No. Impact factor and Citation index)	ISBN/ISSN
1.	2008	Karadkhele S.V., Lokhande M.V., Rathod D.S. , Shembekar V.S.Studies on Physico-Chemical Characteristics of Recreational Water Body In Nana Nani park, Latur, Maharashtra. <i>J.Aqua.Biol.</i> , Vol.23(1),2008:55-58.	ISSN 0971-4235
2	2008	Lokhande M.V.,Dande K.G. Rathod D.S. , Shembekar V.S. Karadkhele S.V,Studies On Ground Water Quality Of Latur City, Maharashtra. <i>Ecology and Fisheries. Vol.2(1):97—100.</i>	ISSN 0974-6323
3	2009	D.S. Rathod. ,M.V. Lokhande., R.M.Reddy., V.S. Shembekar Effect of dimethoate on Blood Sugar Level of Freshwater Fish, <i>Macrones vittatus. Ecology and Fisheries.,Vol.2(1):101-106</i>	ISSN 0974-6323
4	2009	D.S. Rathod. , M.V. Lokhande., R.M.Reddy., V.S.Shembekar Effect of dimethoate on Protein Metabolism of The Fish, <i>Macrones vittatus. J.Aqua.Biol.</i> , Vol.24(1),2009:145-149.	ISSN 0971-4235
5	2009	Lokhande M.V. Rathod D.S. , Shembekar V.S. Karadkhele S.V,Studies On Oxygen Levels and Temperature Fluctuation in Dhanegaon Reseaviour,Maharashtra. <i>Ecology and Fisheries., Vol.2(1):79-84.</i>	ISSN 0974-6323
6	2009	Lokhande M.V., Rathod D.S. , Shembekar V.S. Karadkhele S.V,Seasonal Variation in Turbidity, Total Solids, Total Dissolved Solids, Total Suspended Solids, of Dhanegaon Reseaviour,Maharashtra. <i>Ecology and Fisheries., Vol.2(1):73-78.</i>	ISSN 0974-6323
7	2009	D.S. Rathod. , M.V. Lokhande., R.M.Reddy., V.S.Shembekar. Toxic Impact of Dimethoate On The Biochemical Composition Of Vital Tissues of Fish <i>Aries dussumieri.Shodh Samiksha aur Mulyankan (International Research Journal)Vol.II., Issue-7</i>	ISSN 0974-2832
8	2009	R.M.Reddy., D.S. Rathod. , M.V. Lokhande., V.S.Shembekar Effect of dimethoate(Rogor) on Some Hematological Parameters of Freshwater Fish, <i>Channa gachua.Bionano Frontier Science day</i>	ISSN 0974-0678

		<i>special issue</i> .,2009:26-28.	
9	2010	D.S. Rathod. , V.S.Shembekar. Dimethoate Induced Toxicity On Oxygen Consumption of Freshwater Fish., <i>Aries dussumieri.Poll.Res.29(1):2010;95-97</i>	ISSN 0257-8050
11	2010	Lokhande M.V., Rathod D.S. , Shembekar V.S.,Studies On Toxicity of Dimethoate To freshwater Fish, <i>Macrones vittatus.Patron;I,Issue:IV</i>	ISSN 0976-2310
11	2011	D.S. Rathod. , V.S.Shembekar. Histopathological And Oxygen Consumption Alteration Induced by Toxicity of Dimethoate. <i>Aries dussumieri. (International Referred Research Journal)Vol.II., Issue-20</i>	ISSN 0975-3486
12	2012	D.S. Rathod. V.S.Shembekar. Comparative Evaluation of Toxicity Of Dimethoate And Endosulphan to Fish, <i>Aries dussumieri. International Referred Research Journal</i>	Accepted
13	2017	Enguwar Srinivas Reddy and Rathod Dnyaneshwar Sawairam. Survey of Phytoplankton diversity from Mathadi Project Adilabad District, Telangana State (India). Current global Reviewer Special Issue (UGC approved Sr.No.- 64310,ISSN2319-8648	ISSN2319- 8648
14	2019	K.S. Raut , D.S.Rathod and V.S.Shembekar The higher education scenario in Marathwada and Its Regional Dilemma .pp76-80	ISSN-978-93- 5240-194-9
15	2019	K.S.Raut ,S.V. Phadke, R.V. Solunke, D.S. Rathod and V.S. Shembekar Study of Zooloplankton diversity for pollution biomarker species and status of Kasarwadi/Bornadam Parli Vajjnath Dist.Beed vol.- Ajanta., VIII,Issue-II April-June-2019	ISSN 2277- 5730
16	2019	Raut Kakasaheb Sitaram ,D.S.Rathod and; Study ofZooplankton diversity for pollution biomarker species and ststus of kasarwadi /Borna Dam Parli V. Dist Beed Marathwada Region M.S. India Ajanta With Impact Factor 5.5 Volume : VIII Issue : II pp 38-45 April -June 2019	ISSN - 2277- 5730
17	2019	D.S. Rathod: Effect of Toxicity of Dimethoate on Behaviour of freshwater fish, <i>Arius dussumieri</i> .2019 JETIR June 2019, Volume 6, Issue 6PP1337- 1346	www.jetir.org (ISSN-2349- 5162)
18	2020	K.S.Raut, D.S.Rathod , A.R.Bidkarand V.S.Shembekar ,Study of Phyplankton status indicator species of Kava Lake ,Near Latur Dist Latur [M.S]India Review of Research –International online multidisciplinary journal-Peer Reviewed with Impact factor:5.7(UIF) Journal--Issue-6,Volume-9 pp-84-87 March 2020	ISSN:2249- 894X
19	2020	D.S.Rathod , K.S.Raut and V.S.Shembekar Study of Histopathological alteration induced by toxicity of dimethoate on gills of fish, <i>Arias dussumieri</i> Review of Research – International online multidisciplinary journal-Peer Reviewed with Impact factor:5.7(UIF) Journal--Issue-6,Volume-9 PP-70-73 March 2020	ISSN:2249- 894X
20	2020	K.S.Raut, S.E.Shinde, D.S.Rathod , V.D.Deshpande and V.S.Shembekar,Water quality status of Hinglajwadi Lake-Dist.Osmanbad ,(M.S), , Bioinfolet –UGC care approved journal, NAAS rating -3.75.,Vol-17,PP-633-634	ISSN-0976- 1431

21	2021	Madhuri Y. Bhande, Dnyaneshwar S.Rathod , Datta A.Nalle : Review On Probiotics Rich Feed Supplement In Aquaculture For Fish Health Improvement, Volume:03/Issue:12/December-2021 Impact Factor- 6.752 PP.115-117	e-ISSN: 2582-5208
22	2022	Madhuri Y. Bhande, Dnyaneshwar S. Rathod , Datta A.Nalle Isolation, Identification and Biochemical Characterization of Probiotic Bacteria Isolated from Fresh Water Fishes of Gharani River, Special Issue <i>Trends In Fisheries Research</i> , Volume 11, Issue 1 (p); 2319–4758 (e) DAMA International. PP: 1-6	ISSN: 2319–474X

Book Chapters Published:

1. Madhuri Y. Bhande and **Dnyaneshwar S. Rathod (2022)** Diversity of Diseases Causing Virus in Fisheries And Aquaculture, Research Trends in Animal Science, First Edition: July, 2023, ISBN: 978-93-88901-73-4. Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India

2. Lokhande, M.V. and **Dnyaneshwar S. Rathod (2022)** Effect of Dimethote On Biochemical Changes In Lipid Content During Lethal and Sub Lethal Exposure to The Freshwater Fish, *Rasbora Daniconius*. Recent Trends in Applied Zoology, ISBN: 978-93-92464-55-3 (First printing edition, May, 2023), Prabhakar Publishing.

3. Dhanshree M. Jagtap, **Dnyaneshwar S. Rathod (2022)** A Review on Importance of DNA Barcoding in Genomic diversity of Freshwater fish, National Symposium (NSAZ-2022) Recent Trends in Applied Zoology, ISBN: 978-93-92464-55-3 (First printing edition, May, 2023), Prabhakar Publishing

4. Datta Ashok Nalle, **Dnyaneshwar S. Rathod (2022)** Review on Important role of Danio rerio in Animal and human vaccination research. National Symposium (NSAZ-2022) Recent Trends in Applied Zoology, ISBN: 978-93-92464-55-3 (First printing edition, May, 2023), Prabhakar Publishing.

5. **Dnyaneshwar S. Rathod, Dhanshree M. Jagtap (2022)**. Bioinformatics Tools for DNA Barcoding, National Symposium (NSAZ-2022) Recent Trends in Applied Zoology, ISBN: 978-93-92464-55-3 (First printing edition, May, 2023), Prabhakar Publishing.

6. **Dnyaneshwar S. Rathod (2022)**. Effective Medicinal Plant in Cancer Treatment, National Symposium (NSAZ-2022) Recent Trends in Applied Zoology, ISBN: 978-93-92464-55-3 (First printing edition, May, 2023), Prabhakar Publishing.

7. Jadhav Amit and **Dnyaneshwar S.Rathod (2022)** Organic Aquaculture- the Sustainable Practice toward aquaculture development and Ecofriendly approaches, National Symposium (NSAZ-2022) Recent Trends in Applied Zoology, ISBN: 978-93-92464-55-3 (First printing edition, May, 2023), Prabhakar Publishing.

d) Workshop/Conference/Seminar/Training programme.

1. Attended “Regional Workshop On Recent Trends in life Science” 19th and 20th October 2002, Organised by Maharashtra Udayagiri Mahavidyalaya, Udgir(M.S.).

2. Attended “Workshop On Recent Trends On UGC Curriculum In Zoology (UG) Level” 14th and Sept., 2003. Organised by Degloor College Degloor. Tq. Degloor Dist.Nanded (M.S.).
3. Attended “National Seminar On Science and Technology of Thin Films” 16th and 17th October., 2004. Organised by Dept. Of Physics,Rajarshi Shahu Mahavidyalaya, Latur.(M.S.).
4. Attended “National Symposium On Genomics ,Proteomics And Bioinformatics” 9th and 10th Feb., 2007. Organised by Dept. Of Biotechnology DR.B.A.M .University, Subcenter Osmanabad. (M.S.).
5. Attended “UGC Sponsored National Conference on Aspect of Academic Autonomy in Higher Education” 8th and 09th March., 2008. Organised by Rajarshi Shahu Mahavidyalaya, Latur. (M.S.).
6. Attended “Workshop On Water Quality Assessment” 20th Sept.2008, Organised by Dept. Of Zoology, Yogeshwari Mahavidyalaya, Ambajogai. (M.S.).
7. Attended “Workshop On Basic Molecular Biology Techniques” 23rd Sept26th 2008, Organised by Dept. Of Biotechnology, Yeshwant Mahavidyalaya, Nanded. (M.S.).
8. Attended “National Conference on Global Recession and Its Impact on Indian Economy” 13th and 14th March., 2009. Organised by Dept. Of Commerce, Rajarshi Shahu Mahavidyalaya, Latur. (M.S.).
9. Attended “Workshop on Recent Trends in Curriculum of Zoology at UG Level” 25th Sept. 2009, Organised by Dept. Of Zoology, Dyanand Mahavidyalaya,Latur. (M.S.).
- 10.Attended “PBEM Establishment & Launch of Latur Chapter One Day Interaction Program on 28th December., 2009. Organised by Dept. Of Biotechnology College of Computer Science And Information Technology,Latur.(M.S.).
11. Attended “S.R.T.M.U. Nanded Sponsored Workshop on Scope of New Syllabus of B.Sc. II Year Zoology of S.R.T.M.U. Nanded of” 18th August. 2010. Organised by Dept. Of Zoology, Science College, Nanded, Latur. (M.S.).
12. Attended “UGC Sponsored National Conference on Recent Trends in Evolutionary Biology” 23th and 24th Feb., 2010. Organised by Dept. Of Zoology, Rajarshi Shahu Mahavidyalaya, Latur. (M.S.).
13. Attended “UGC Sponsored State Level Seminar On Application of Aquabiology Biology And Bio-Technology For Improving Agriculture Trends In Rural Area” 15th Feb., 2011. Organised by Dept. Of Zoology, S.M. Dnyandeo Mohekar Mahavidyalaya, Kalam.(M.S.).
14. Attended “UGC Sponsored National Conference on Challenges to Biodiversity Conservation” 5th and 6th Feb., 2011. Organised by Dept. Of Zoology, Dyanand Mahavidyalaya,Latur. (M.S.).
15. Attended “Workshop On New Syllabus in Zoology of B.Sc.T.Y.At UG Level” 6th Aug. 2011, Organised by Dept. Of Zoology, S.R.T.M.University, Nanded and B. Raghunath Arts, Commerce and Science College, Parbhani. (M.S.).
16. Attended “Trainers Training Programme In Molecular Biology And Protein Biochemistry”20th and 24th December. 2009. Organised by Dept. Of Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur.

(M.S.).

17. Attended “UGC Sponsored National Conference on Physics of Materials and Photonics Devices” 16th and 17th March., 2012. Organised by Organised by Dept. Of Physics, Rajarshi Shahu Mahavidyalaya, Latur. (M.S.).

18. Attended “UGC Sponsored State Level Seminar On Exploring Horizon In Microbial Technology” 21stJan. 2012. Organised by Organised by Dept. Of Microbiology, Rajarshi Shahu Mahavidyalaya, Latur. (M.S.).

19. Attended “NAAC Sponsored Two Days National Conference on Quality Enhancement in Higher Education” 12th and 13th April. 2012. Organised by Organised by Dept. Of NAAC Cell, Rajarshi Shahu Mahavidyalaya, Latur. (M.S.).

B) Extra curriculum:

1. Worked as a coordinator of research Festival.
 2. Worked as a coordinator of examination committee.
 3. Worked as a paper setter, paper Assessment, syllabus setter
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