

Basic Info.	<p><b>Name: Dr. Mrs. Anukriti Niranjan Nigam</b>  Designation: Associate Professor  Department: Zoology  E-mail: Anukriti.nigam@fergusson.edu</p> <p>Work experience :  Teaching: 19 years  Research: 10 years</p>
Personal Profile	<p>Dr. Anukriti Niranjan Nigam , is a <b>University merit holder at both under graduate and post graduate level</b>. She is also a recipient of <b>President Shankar Dayal Sharma “Gold medal “</b>at under graduate level. She was awarded Ph.D. degree in the year 2004, in the field of “Applied Aquaculture”. She has nineteen years of teaching experience in Department of Zoology , Fergusson College(autonomous) Pune. She was a member of Central Board of Studies (CBOS) constituted by Government of Madhya Pradesh in 2017. Apart from this, she is also a member of BOS in various Autonomous Colleges. She has presented research papers in several national and international conferences and has also chaired sessions as a key note speaker in National conference. She believes teaching is passion which not only needs dedication but also an amalgamation of affection and motivation towards students.</p>
Course(s) Taught	<p>ZY-102 Genetics (SPPU)  ZY-101 Animal Systematics and Diversity -I (SPPU)  ZY- 212 Applied Zoology I (SPPU)  ZY- 212 Applied Zoology II (SPPU)  ZY-334 Environmental Biology and Toxicology (SPPU)  ZY-344 Organic Evolution (SPPU)  ZOO1201 Life and Diversity of Animals – II  ZOO2302 Economic zoology- i (fisheries, embryology and bioinstrumentation)  ZOO2402 Economic zoology ii (apiculture and sericulture)  ZOO3504 Ecology and Environmental Biology (2016 AND 2019 pattern)  ZOO3604 Organic Evolution (2016 AND 2019 pattern)  (ZOO2402) Applied Zoology II  (ZOO2302) Applied Zoology -I  ZOO 3512 Vermiculture and Vermicomposting  ZOO 3612 Public health and Hygiene  ZOO4101 Comparative Anatomy of Vertebrates (PG)  ZOO4201 Comparative Physiology of Vertebrates (PG)</p>
Field of specialization	Applied Aquaculture, Ichthyology

Education Qualifications (upto Graduation)	B.Sc., M.Sc. (Ichthyology), PGDCA, Ph.D. (Applied Aquaculture)
Employment History	In 2003. joined department of Zoology, Fergusson College, Pune as lecturer on leave vacancy. Got confirmed in 2006, in department of Zoology, Fergusson College, Pune.
Research	Completed minor research project of two-year duration funded by UGC titled as Study of Limnological Parameters of Khadakwasala reservoir as conservation site for threatened fish Mahseer.
Publications	<ul style="list-style-type: none"> <li>➤ Anukriti Nigam, et.al., Identification of DNA sequence by signal processing tool in protein coding regions, Search and Research, Vol. II No. 2(44-49)2010, 0975-5713</li> <li>➤ Anukriti Nigam, Assessment of phytoplankton in Kerwan reservoir for conservation of threatened fish, Mahseer, Proceedings of Biodiversity Monitoring and research, ISBN :978-93-5087-589-6</li> <li>➤ Anukriti Nigam, Autonomy- par to excellence in education in Proceedings, State level conference in Autonomy and role of IQAC. Pp45-48, ISBN 978-93-5126-825-3</li> <li>➤ Mapping Freshwater Piscine diversity of Pune District using Geospatial Technologies, DST-Tutorial ID: IGET_CP_001.<a href="http://dst-iget.in/">http://dst-iget.in/</a></li> <li>➤ Dr. Nigam Anukriti N, "Estimation of physical parameters of Khadakwasala reservoir as a potential site for conservation of threatened fish Mahseer", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.6, Issue 1, Page No pp.197-203, March 2019,</li> <li>➤ Anukriti Nigam, Assessment of phytoplankton in Kerwan reservoir for conservation of threatened fish, Mahseer, Proceedings of Biodiversity Monitoring and research, ISBN :978-93-5087-589-6</li> <li>➤ SANGLE, S. C., N. MANOHARAN, K. LIMGAOKAR, and A. NIGAM. "Functional potential of unconventional plant sources". <i>International Journal of Current Pharmaceutical Research</i>, vol. 13, no. 4, July 2021, pp. 53-59, doi:10.22159/ijcpr.2021v13i4.42743.</li> <li>➤ "Analysis of Effects of Caffeine on <i>Eisenia fetida</i> and its impact on physical and chemical properties of the soil after composting.", International Journal of Emerging Technologies and Innovative Research (<a href="http://www.jetir.org">www.jetir.org</a>   UGC and issn</li> </ul>

	<p>Approved), ISSN:2349-5162, Vol.8, Issue 7, page no. ppc830-c836, July-2021,</p> <ul style="list-style-type: none"> <li>➤ WAGH, H., &amp; NIGAM, A. (2021). Understanding the leopards (<i>panthera pardus</i>) diet in the Niphad, Nashik landscape of Maharashtra. <i>UTTAR PRADESH JOURNAL OF ZOOLOGY</i>, 42(23), 256-263.</li> <li>➤ <b>BOOKS PUBLISHED: -</b></li> <li>➤ Text book of -Basics of Animal Sciences Vision Publications in 2013-14</li> <li>➤ Animal Systematics and Diversity III Vision Publications ISBN <b>978-93-5016-271-2</b> in 2014-15</li> <li>➤ A text book of Animal Sciences –I Vision Publications: ISBN 978-93-5016-445-7 in 2018-19</li> <li>➤ A text book of Animal Sciences –II Vision Publications ISBN: 978-93-5016-492-1 in 2018-19</li> <li>➤ A text book of Animal Diversity –II Vision Publications ISBN 978-93-5016-494-5 in 2018-19</li> </ul>
Participations in Conferences/Seminars/Symposia/Workshop	<ul style="list-style-type: none"> <li>➤ Five days National workshop on Technology of environmental monitoring At Yashwantrao Mohite College, Pune in 2012.</li> <li>➤ One day seminar on ‘Current advances in Zoology on 4th February 2012 at Baburao Gholap College, Sanghvi, Pune.</li> <li>➤ Two days State level workshop and training program on Sericulture for production of good quality cocoons on 17th &amp; 18th February 2012 at Sinhgad College of Science, Ambegaon, Pune</li> <li>➤ Seminar on Science and Society of Department of Environmental Science at University of Pune, Pune in March 2012.</li> <li>➤ UGC sponsored 6th National seminar on Future prospects of Biosciences organized by Dept. of Botany, Bharati Vidyapeeth Deemed University, Yashwantrao Mohite College, Pune, 17th &amp; 18th January 2014</li> <li>➤ Workshop on S.Y.B.Sc. syllabus restructuring in Zoology organized in association with BOS (Zoology), sponsored by BCUD, University of Pune on 22nd February 2014 at Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Pune.</li> <li>➤ Two day state level conference on Autonomy to colleges and role of IQAC, NAAC sponsored 10th &amp; 11<sup>th</sup> September 2013 organized by D.E.S. Fergusson College, IQAC, Pune.</li> <li>➤ Forum for research in oriental science and technology, two days seminar on 11th &amp; 12th January 2014 organized by D.E.S. Fergusson College, Pune</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Workshop on T.Y. BSc syllabus restructuring in Zoology organized in association with BOS (Zoology), sponsored by BCUD, University of Pune on 14th February 2015 at S.P. College, Pune</li> <li>➤ Delivered Invited lecture at National conference on Use of Geospatial Technologies in Mapping Freshwater Piscine diversity organized by MP Council of Science and Technology – Bhopal, SHEFWEL, NIDAN on Climate change – its impact on agriculture, bio diversity, health and environment.</li> <li>➤ Paper presented at National conference on Instances of camouflage (mimicry) observed on the Fergusson College hill organized by MP Council of Science and Technology – Bhopal, SHEFWEL, NIDAN on Climate change – its impact on agriculture, bio diversity, health and environment</li> <li>➤ Faculty Development Program on Emerging and Re-emerging Infectious Diseases on 6-May-2020 organized by Dept of Zoology, Little Flower Degree College, Hyderabad</li> <li>➤ Faculty Development Program on Moodle - Learning Management System from 10-May 2020 to 14-May-2020</li> <li>➤ National Webinar on Role of Plant Sciences in Combating Pandemics on 15-May-2020 organized by Dept of Botany, Little Flower Degree College, Hyderabad</li> <li>➤ International Web Conference on Impact of COVID-19 on Library Resource Sharing from 12-Jun-2020 to 13-Jun-2020 organized by MIT Group of Institutions, Aurangabad.</li> <li>➤ Faculty Development Program on Cyber Security from 26-Jun-2020 to 30-Jun-2020 organized by Lai Reddy Bali Reddy College of Engineering, Krishna, AP</li> <li>➤ International Webinar on COVID-19 AWARENESS on 27-Jul-2020 organized by Department of Medical Lab Technology, Pt. L.M.S. Govt. P.G. College, Rishikesh</li> <li>➤ National Webinar on Faunal Diversity of India on 19-Aug-2020 organized by Zoological Survey of India, Western Regional Centre, Pune</li> <li>➤ National Webinar on Taxonomy and Its application - Learn from the Experts on 9-Sep-2020 organized by Zoological Survey of India, Western Regional Centre, Pune</li> <li>➤ Teacher's Training Programme on Miniscale Colorimetry on 8-Feb-2021 organized by Department of Chemistry PDEA's Prof. Ramkrishna More ACS College Akurdi, Pune</li> <li>➤ Webinar on Humanity fights back: Coping with the threat of COVID-19 pandemic from 24-May-2021 to 25-May-2021 organized by Dept of Microbiology, Fergusson College, Pune</li> </ul>
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Event Organized/Conference/ Seminar/ Workshops coordinated	<b>Year</b>	<b>Title of Seminar/ Conference/Workshop</b>	<b>Funding Agency</b>	<b>Role</b>
	2008-09	National Conference on “Climate Change and Challenges in Biodiversity Conservation”	UGC, WRO, Pune	Member, Organizing Committee
	2010-11	Secondary School Teachers Training Program in Zoology	D.E. Society & Muktan gan Explorat ory	Resource Person
	2011-12	National Conference on Biodiversity, Monitoring and Research: Current Status and Future Needs	UGC	Treasurer
	2014-15	Hands on workshop for Secondary School Teachers Training Program in Methods in Biology	DBT (Under STAR COLLEGE SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR and Resource person
	2014-15	Hands on workshop on Introduction to	DBT (Under STAR	ORGANISE D as DBT STAR

		General Laboratory Techniques	COLLEGE SCHEME)	COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2014-15	Hands on workshop on Techniques in Haematology	DBT (Under STAR COLLEGE SCHEME)	ORGANISED as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2014-15	Hands on workshop on Workshop on Basic Biological Techniques for School Teachers	DBT (Under STAR COLLEGE SCHEME)	ORGANISED as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2014-15	Visit to Central Bee Research and Training Institute	DBT (Under STAR COLLEGE SCHEME)	ORGANISED as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2015-16	Hands on workshop on Vector Borne Diseases in India	DBT (Under STAR COLLEGE SCHEME)	ORGANISED as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR

	2015-16	Exhibition in Zoology Department Celebrating 50 years of Excellence	DBT (Under STAR COLLEGE SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2016-17	Hands on workshop on Stem cell techniques	DBT (Under STAR COLLEGE SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2016-17	Hands on workshop on YSM for angiogenesis	DBT (Under STAR COLLEGE SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2017-18	Hands on workshop on Basics of Biological Techniques”	DBT (Under STAR COLLEGE SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTMENTAL COORDINATOR
	2017-18	Hands on workshop on Techniques In Sericulture	DBT (Under STAR COLLEGE SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTMENTAL

				COORDINA TOR
	2018-19	Hands on workshop on Amphibians as model system in understanding biological phenomena”	DBT (Under STAR COLLEG E SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR
	2018-19	Hands on workshop on First aid in laboratory	DBT (Under STAR COLLEG E SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR
	2018-19	Hands on workshop on Cell Culture	DBT (Under STAR COLLEG E SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR
	2018-19	Hands on workshop on Introduction of Python to Programming,	DBT (Under STAR COLLEG E SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR
	2018-19	Hands on workshop on “Processes In Sericulture”	DBT (Under STAR COLLEG E	ORGANISE D as DBT STAR COLLEGE



			SCHEME)	SCHEME DEPARTME NTAL COORDINA TOR
	2018-19	Hands on workshop on Python programming for science students	DBT (Under STAR COLLEG E SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR
	2018-19	Hands on workshop on Understanding and Broadcasting Science	DBT (Under STAR COLLEG E SCHEME)	ORGANISE D as DBT STAR COLLEGE SCHEME DEPARTME NTAL COORDINA TOR
Course content developed (e -content)	➤ <a href="#">Microsoft Word - IGET CT 001.docx (dst-iget.in)</a>			