

FACULTY PROFILE



1. Personal Information:

Name (In Block Letter)	DR. USHA DYANDEO SHERKHANE
Designation	Associate Professor
Nationality	Indian
Date of Joining	07/09/2010
Address for Correspondence	C/O Dr. G S Pande Plot no. 87, Shivnagar, Ekvira Chowk, Pipeline road, Savedi, Ahmednagar, Maharashtra-414003
Mobile Number	9403629148 or 7972056408
Email Address	Usha.Sherkhane@nacscs.ac.in/ usha_7777777@rediffmail.com

2. Academic Qualification:

Examinations	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class/Grade	Subject
Ph. D	Dr. B. A. M. University, Aurangabad (M.S.), India	July 20, 2007	Awarded	--	“Neuronal Organization and Role of Endocrine Centers in Some Physiological Aspects of Freshwater Crab, <i>Barytelphusa cunicularis</i> ”.

M. Sc. Zoology (Gold Medallist)	Dr. B. A. M. University, Aurangabad (M.S.), India.	March, 2002	77%	First class	Animal Physiology
B. Sc.	Dr. B. A. M. University, Aurangabad (M.S.), India.	March, 2000	71%	First class	Chemistry, Botany and Zoology

3. Teaching Experience in Years: 12 years

PG Classes: 3 years

UG Classes: 9 years

4. Participation in Orientation/ Refresher/ FDP Courses:

Name of the Course/FDP/ Summer School	Place	Academic Year
1. Orientation Course (03/12/2012 to 30/12/2012)	UGC-Academic Staff College, University of Pune, Pune	2011-2012
2. Refresher Course (02/07/2014 to 22/07/2014)	UGC-Academic Staff College, Dr. BAMU, Aurangabad	2013-2014
3. Refresher Course (01/03/2017 to 21/03/2017)	UGC-Academic Staff College, Dr. BAMU, Aurangabad	2016-2017
4. Workshop in Biological Sciences (General Biological and Recombinant DNA Techniques) (07/05/2013 to 30/05/2013)	UGC-Networking Resource Center, IISc, Bangalore	2012-2013
5. Swayam Online Refresher Course (01/09/2019 to 31/12/2019)	UGC-Academic Staff College, University of Pune, Pune	2018-2019

5. Administrative Responsibilities Performed:

Name of the Committee	Role Performed	Academic Year
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Admission	F. Y B. S c, S.Y B. S c and T.Y B. Sc	2014 to present
NSS	Programme officer	2022 to present
Examination	Supervisor, Senior supervisor	2013 and 2014
Academic Planning	Member	2020 to present
IQAC	Chairman Criterion VI	2022-2023

6. Publications:

1. Research Papers Published in UGC Care/ Peer Reviewed Journals:

Sr. No.	Title of the Article/ Paper	Name of the journal	Year/ Month of Publication	Whether you are the main Author No. of Co-authors (if any)	ISSN No.	UGC Journal No.
1	Effect of photoperiod and temperature on eggs laying activity of freshwater pulmonate snail, <i>Lymnaea acuminata</i> (Lamarck 1822) (Gastropoda: Mollusca) kept under laboratory breeding conditions.	<i>The Bioscan</i> , 4 (4): 717-720.	2009	Pande GS, Patil MU, Prabhakar JD, Sherkhane UD and Bhalsingh DG		
2	Observations on embryonic development of freshwater pulmonate snail <i>Lymnaea acuminata</i> (Lamarck, 1822) (Gastropoda: Mollusca).	The Bioscan 5(4): 549-554	2010	Pande GS, Patil MU and UD Sherkhane	ISSN 0973-7049	
3	Gross anatomy of male reproductive system and	The Bioscan 5(4): 599-603	2010	UD Sherkhane , MU Patil and GS Pande	ISSN 0973-7049	

	histology of testis and vas deferens in freshwater crab <i>Barytelphusa cunicularis</i> (Westwood 1836) (Decapoda Crustacea)					
4	Histological organization of mandibular organ in the freshwater crab, <i>Barytelphusa cunicularis</i> (Decapoda Crustacea)	Proceedings of national conference on Innovative Ideas and Research in life sciences for sustainable development, organized by department of Zoology, Modern Education society's nowrosjee wadia college of Arts and Science ,pune.	2015	Pande GS, Patil MU and UD Sherkhane	ISBN: 978-81-9 25586-6-0	
5	Gross Anatomy of the reproductive system of freshwater pulmonate snail <i>Lymnaea acuminata</i> (Gastropoda: Pulmonata)	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	Pande GS, Patil MU and UD Sherkhane	ISSN: 2349-5162	
6	Organization of Brain in commercially important edible freshwater crab <i>Barytelphusa cunicularis</i> (Crustacea: Decapoda).	Journal of Emerging Technologies and Innovative Research, April 2019, Volume 6, Issue 4	2019	UD Sherkhane, Pande GS, and Patil MU	ISSN 2349-5162	
7	Paper entitled as "Gross Anatomy of the Central Nervous System of Freshwater	"Innovative Research in	2021-2022	UD Sherkhane	ISBN: 978-81-951034-5-4	

	Crab Barytelphusa cunicularis: Ganglia and their Nerves. Published as a book chapter in Book entitled	Science and Technology”.				
8	Paper entiteled as “Histological organization of hepatopaneas in relation to the starvation in commercially important edible freshwater crab, Barytelphusa cunicularis, Westwood, 1836.(Decapoda : Crustacea)	“International Journal of Entomology Research”.	2021-2022	UD Sherkhane	ISBN:24 55-4758, volume 7, Issue 8, Page No. 54-57	
9	Organization of the central ganglia in medically important vector snail Radix acuminata (Lamarck 1822) (Mollusca: Gastropoda: Pulmonata)	“International Journal of Entomology Research”.	2022	UD Sherkhane	ISBN:24 55-4758, volume 5, Issue 4, Page No. 11-16	

2. Books/ Chapters in Book Published

Sr. No .	Title of the Book/ Chapter in Book	International/ National/ State	Name of the Publisher	Month, Year of Publication	ISBN No.
1	Paper entiteled as “Gross Anatomy of the Central Nervous System of Freshwater Crab Barytelphusa cunicularis: Ganglia and their Nerves.	National	“Innovative Research in Science and Technology”	21-2022	ISBN:978-81-951 034-5-4

3. Papers Presented/ Published in Conference Proceedings:

Sr. No.	Title of the Paper	Name of the Conference	Name of the Publisher	Month, Year of Publication/ Dates of Conference	ISBN No.
1	Gross anatomy and histology of CNS in Freshwater crab, <i>B Cunicularis</i> . National (Presented paper)	“Current trends in life sciences for rural empowerment”	Rajarshi Shahu Arts, Commerce and Science college, Pathritq. Phulambri Dist. Aurangabad	2017	
2	Macroinvertebrate of some freshwater bodies from Ahmednagar. (Presented paper)	“Recent advances in traditional medicine, medicinal plants and phytochemistry”	Ahmednagar College.	2019	
3	Aquatic mollusca of some freshwater bodies in and around Srigonda, Ahmednagar. (Presented paper)	International conference “Recent advances in traditional medicine, medicinal plants and phytochemistry”	Ahmednagar College.	2019	
4	Histomorphology of brain in freshwater crab, B. Cunicularis. New Arts, Commerce and Science College, Ahmednagar (Presented paper)	“International conference on bioengineering and life sciences”	New Arts, Commerce and Science College, Ahmednagar .	2020	
5	Thoracic ganglion in freshwater crab, B. Cunicularis (Presented paper)	“International conference on bioengineering and life sciences”	New Arts, Commerce and Science College, Ahmednagar	2020	
6	Histological organization of cerebral ganglia in freshwater crab <i>Barytelphusa cunicularis</i> (Crustacea :Decapoda). (Presented paper)	Three days International Virtual Conference	Gokhale Education Society’s N. B. Mehta (V) Science College, Bordi.	11 th to 13 th January 2022	
7	Mechanism of Moulting and Role of Y organ and Mandibular organ in crab, <i>Barytelphusacunicularis</i>	Proceedings of International Conference on Recent Trends in Biodiversity and Biotechnology, 609-621.	2007	Patil MU, Sherkhan e UD and Pande GS	
8	Effect of photoperiod and temperature on eggs laying activity of	The Bioscan,4 (4): 717-720.	2009	Pande GS, Patil MU, Prabhakar JD,	

	freshwater pulmonate snail, <i>Lymnaea acuminata</i> (Lamarck 1822) (Gastropoda: Mollusca) kept under laboratory breeding conditions.			Sherkhane UD and Bhalsingh DG	
9	Study of egg and egg mass morphology in freshwater pulmonate snail <i>Lymnaea acuminata</i> (Lamarck, 1822) (Gastropoda: Pulmonata).	Proceedings of UGC sponsored national conference on “Biodiversity monitoring and research: Current practice and future needs, held on dec7-8, 2012, at Dept of Zoology, Fergusson college, Pune, Maharashtra, India. ,pp. 163-171.	2012	Pande G S, Patil MU and UD Sherkhane	
10	The stomatogastric ganglia and its nerve ramification in freshwater crab, <i>Barytelphusa acunicularis</i> .	Proceedings of International Conference on Recent Trends in Biodiversity and Biotechnology, 545-551.	2007	Patil MU, Sherkhane UD and Pande GS	

7. Invited Lectures/ Resource Person

Name of the Programme	Name of Organizing Agency	International (Abroad)/International (within Country)/ National/ State/University level	Title of the Paper / Talk	Duration (Dates of Event)
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Delivered Online Guest lecture	Shri Muktanand College, Gangapur, Dist. Aurangabad , Maharashtra.	State level	“ Environmental Pollution and It’s Effect on Human Health”	27 th December 2021
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