



## Faculty Profile

- i) **Name** : Dr. Londhe Sunil Rangrao
- ii) **Residential Address** : At. Mouje Vadgaon, Tal- Hathknangle  
Dist- Kolhapur, Post- Nagaon  
Pin Code - 416122
- Address for corresponding** : Bharati Vidyapeeth's Matoshri Bayabai  
Shripatrao Kadam Kanya Mahavidyalya,  
Kadegaon
- iii) **E-mail** : [drsunillondhe@gmail.com](mailto:drsunillondhe@gmail.com)
- iv) **Phone no** : 8329865253
- v) **Date of Birth** : 12<sup>th</sup> September, 1984
- vi) **Present status** : Assistant Professor
- vii) **Educational Qualification:** : M. Sc., Ph.D.

Sr. No	Exam	Subject	% of marks	Year of passing	Name of University/ Board
1	SSC	-	56.22	2000	Kolhapur
2	HSC	-	55.67	2003	Kolhapur
3	B. Sc.	Zoology	59.28	2006	Shivaji
4	M. Sc	Zoology (Physiology)	63.79	2010	Shivaji
5	Ph.D	Zoology (Physiology and Toxicology)	-	2014	Shivaji

viii) Teaching Experience : PG- 04 year  
UG- 08

ix) Area of Specialization : Animal Physiology and Toxicology

x) **Ph.D. Topic:**

❖ “Toxicity assessment of metals on Neuronal and Respiratory physiology of some molluscan species”

xi) **Research activity :**

❖ Worked as Project Fellow under UGC New Delhi, Major research project entitled “Comparative Study of Metal Toxicity and Molecular Mechanism of Immune Defense with Circulatory, Excretory and Neurophysiology in Mollusca” under the guidance of Dr. N. A. Kamble.

❖ Worked as Research Assistant under DST-PURSE Scheme, New Delhi.

xii) **Attended Online Refresher and Orientation course**

Sr. No.	Title of the course	Organized by	Date
1	Synthetic Biology	UGC-Human resource development center, Rani Durgawati Vishwavidyalaya, Jabalpur	25 <sup>th</sup> January 2021 to 06 <sup>th</sup> February 2021
2	Online Orientation Programme	Faculty development center Iswar Saran PG college University of Allahabad Prayagraj	23 <sup>rd</sup> October to 22 <sup>nd</sup> November 2021
3	<b>swayam arpit online course</b> pedagogical Innovations And Research Methodology (Interdisciplinary)	Guru Jambheshwar University of Science & Technology Hisar, Haryana	1 <sup>st</sup> Dec 2020 to 31 <sup>st</sup> March 2021

### xiii) Other Research activity

#### Research gate information

- ❖ Documents – 20
- ❖ H index – 1
- ❖ RG score – 28.3

#### Scopus information

- ❖ Documents - 06
- ❖ Citation – 16
- ❖ H- index- 03

#### Google scholar information

- ❖ Documents - 20
- ❖ Citation – 07
- ❖ H- index- 02

#### Computer skills

- ❖ MS-CIT

### Xiv PROJECTS

Sr. No	Title of the project	Funding Agency	Amount	Status
1	“Assessment of Heavy Metal pollution in Tank Ecosystems of Tehsil, Kadegaon in relation with reproductive physiology of molluscan Species.”	<u>Shivaji University</u> <u>Kolhapur</u>	1,10,000/-	On-going
2	Antimicrobial potential of mucins a compressive study in the molluscan spec.... [dst/sjf/lis/2021/317]	EPMS- SwarnaJayanti Fellowship Cell	1695001/-	Under process

**xv) RESEARCH PAPERS PUBLISHED IN NATIONAL AND INTERNATIONAL JOURNALS: (TOTAL- 21)**

❖ Paper published – 21

Sr. No	Name of the Author	Title of the Research paper	Journal, Vol., Page No.	Scopus/ UGC listed/ Pub-med	Impact factor/ H-index
1)	N.A.KAMBLE AND <b>S.R. LONDHE</b>	Induced Toxicity of Lead Acetate on Mortality of Freshwater snail <i>Bellamya bengalensis</i> (Lamarck).	Journal: Journal of Aquatic Biology. Vol. 25: 130-135, 2010.		-
2)	N.A. KAMBLE AND <b>S. R. LONDHE</b>	Lead Acetate Induced Histochemical Alterations in Gonads of Freshwater snail <i>Bellamya bengalensis</i> .	Journal: The Biological forum- An International Journal.  <b>Vol.2(2): 105-108 2010.</b>		-
3)	N.A. KAMBLE AND <b>S. R. LONDHE</b>	Histomorphology of Neuronal and Neurosecretory Cells in Two Molluscan Species <i>B. bengalensis</i> and <i>S. maculata</i>	Journal: “Bionano Frontier – An International Journal of Sciences and Technology  <b>Vol.4(2): 270-272, 2011</b>		<b>IF- 0.233</b>
4)	N.A.KAMBLE AND <b>S.R LONDHE</b>	Copper Sulphate Induced Neuronal Histological Changes in the Freshwater snail <i>Bellamya bengalensis</i> (L).	Journal: “The Bioscan – An International Quarterly Journal of Life Sciences”.  <b>Vol.6(2): 351-354, 2011</b>		-

5)	N.A. KAMBLE AND <b>S.R.LONDHE</b>	Mercuric Chloride Induced Neuropathology and Physiological Responses in slug <i>Semperula maculata</i> .	International journal of zoological Research  <b>Vol.8(1): 33-42, 2012</b> <b>Science Alert.</b>	<b>Scopus</b> <b>Pub-med</b>	<b>H- index-04</b>
6)	N.A. KAMBLE AND <b>S.R.LONDHE</b>	Epileptic Activity in Neuronal cells, Induced by HgCl <sub>2</sub> and CdCl <sub>2</sub> in Terrestrial slug <i>Semperula maculata</i> : Fine structure investigated by Histology and Histochemistry	Toxicology and Environmental Chemistry  <b>Vol.94(1): 109-120, 2012</b> <b>Taylor and Francis</b>	<b>Scopus</b> <b>UGC listed</b> <b>Pub-med</b>	<b>IF- 0.723</b>
7)	N.A. KAMBLE AND <b>S.R.LONDHE</b>	Neurohistochemistry in molluscan species: focus on extracellular matrix	Invertebrate neuroscience  <b>Vol. 12: 129-138, 2012</b> <b>Springer</b>	<b>Scopus</b> <b>Pub-med</b>	<b>IF- 1.302</b>
8)	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Histopathology of cerebro neuronal cells in freshwater snail <i>Bellymea bengalensis</i> : impact on respiratory physiology, evaluated by acute poisoning of mercuric and zinc chloride	Toxicology and Environmental Chemistry  <b>Vol.95(2) 304-317, 2013</b> <b>Taylor and Francis</b>	<b>Scopus</b> <b>UGC listed</b> <b>Pub-med</b>	<b>IF- 0.723</b>
9)	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Mercuric chloride-induced Gastrin/ Cholecystokinin 8 immunoreactivity in the central nervous system of the terrestrial slug <i>Semperula maculata</i> : an immunohistochemical study	Invertebrate neurosciences  <b>Vol. 13: 179-188, 2013.</b> <b>Springer</b>	<b>Scopus</b> <b>Pub-med</b>	<b>IF- 1.113</b>

10)	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Intoxication of three metals Hg, Zn and Co against biologically important molluscs <i>Semperula maculata</i> and <i>Lamellidens corrianus</i>	Archives of Pharmacology and Biological Sciences <b>Vol.1(2): 41-51, 2013</b>		
11)	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Acute effect of mercury and Zinc Chloride on Gastrin/CCK 8 Neuropeptide in relation with behavior of freshwater snail <i>Bellamya bengalensis</i> : a microscopic study	International Journal of Current Microbiology and Applied Sciences <b>Vol. 3(4): 1052-1065, 2014</b>		<b>IF- 1.562</b>
12)	S. S. PATIL, A. B. PATIL, M. M. PATIL, P. B. NIKAM, Y. M. MAHADIK, <b>S. R. LONDHE</b> AND N.A. KAMBLE	Acute effect of temperature on gametocytes of <i>Rattus norvegicus</i> : focus on morphometric study.	Asian Journal of Biological and life Sciences <b>Vol. 3(1): 30-34, 2014</b>		-
13)	S. S. PATIL, A. B. PATIL, M. M. PATIL, P. B. NIKAM, Y. M. MAHADIK, <b>S. R. LONDHE</b> AND N.A. KAMBLE	Testicular hyperthermia in <i>Rattus norvegicus</i> : focus on gamatocytic alterations.	International Journal of Current Microbiology and Applied Sciences <b>Vol. 3(6): 93-103, 2014</b>		<b>IF- 1.562</b>
14)	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Mucin reactivity after acute exposure to mercury and zinc chloride in neurocytes of freshwater snail <i>B. bengalensis</i> : a histochemical study	Advances in Environmental Chemistry <b>Vol. 2014, 1-11</b>		-
15)	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Effect of Mercuric chloride on terrestrial slug <i>Semperula maculata</i> and histopathology of reproductive organs: a comprehensive study	Toxicology and Environmental Chemistry <b>Online Taylor and Francis</b>	<b>Scopus</b> <b>UGC listed</b> <b>Pub-med</b>	<b>IF- 0.723</b>

16	<b>S.R.LONDHE</b> AND N.A. KAMBLE	Effect of heavy metal on the behavior of some selected aquatic molluscan species: a comparative study	Aarhat Multidisciplinary International Education Research Journal (AMIERJ)	<b>UGC listed</b>	<b>IF- 5.38</b>
17	<b>S.R.LONDHE, L.P Lanka,</b> AND N.A. KAMBLE	Impact of heavy metals on the structural and chemical component of Gills in bivalve Lamillidens corrianus: a comprehensive study	ESSENCE – International Journal for Environmental Rehabilitation and Conservation <b>Vol. XI (SP2): 1 – 15, 2020</b>	<b>UGC listed</b>	<b>IF- 0.7</b>
18	<b>Londhe, Sunil;</b> Lanka, Lazarus; Kamble, Nitin; Prajakta, Kumbhar; Shubhangi, Patil; Abdagire, Nisha; Naik, Radhika	Physiological response of <i>S. maculata</i> a terrestrial mollusc against induced cobalt nitrate: A comprehensive study in reproductive organs	ESSENCE – International Journal for Environmental Rehabilitation and Conservation <b>Vol. XI (SP2): 23 – 37</b>	<b>UGC listed</b>	<b>IF- 0.7</b>
19	V.Y. Kadam, R. A. Patil, Y. S. Khot, P. A. Devkule, N. H. Shaikh, <b>S.R. Londhe*</b>	ZINC CHLORIDE INDUCED HISTOPATHOLOGY OF DART GLAND AND OVOTESTIES IN TERRESTRIAL SLUG SEMPERULA MACULATA	PARIPEX - INDIAN JOURNAL OF RESEARCH Volume - 10   Issue - 03   March - 2021	<b>Pub-med</b> <b>UGC listed</b>	<b>IF- 6.33</b>
20	V.Y. Kadam N. H. Shaikh, Rajendra Salunkhe, Sanjay Gaikwad S.R. Londhe*	Histopathology of prostate gland in terrestrial slug semperula maculata after acute exposure of zinc chloride	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422, 2021	<b>UGC listed</b>	

21	<b>S.R. Londhe,</b> V.Y. Kadam and N.A. Kamble	Gastrin/ Cholecystokinin 8 immunoreactivity in the central nervous system of the freshwater bivalve <i>L. corianus</i> after exposure to heavy metal	International Journal of Research and Analytical Reviews (IJRAR) January 2022, Volume 9, Issue 1	<b>UGC listed</b>	<b>7.17</b>
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❖ **BOOK PUBLISHED- 01**

Sr. No.	Name of the Author	Title of the Book	Publisher
1)	<b>S.R.LONDHE</b>  AND  N.A. KAMBLE	Metal toxicity on neurocytes and gill of bivalve <i>L. Corrianus</i>	LAP Lambert Academic Publishing, Germany.  ISBN – 978-3-659-45089-1

**xvi) PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES –**

❖ **Paper presented in Conference – 03**

1)	<b>S. R. LONDHE AND N.A. KAMBALE</b>  <b>“Histomorphology of neuronal and neurosecretory cells in the two molluscan species <i>B. bengalensis</i> and <i>S. maculata</i>.”</b>  International Symposium on Current Trends in Endocrine and Reproductive Health And 29 <sup>th</sup> Annual Meeting of society for Reproductive Biology and Comparative Endocrinology – SRBCE -2011, held on the 10 <sup>th</sup> - 12 <sup>th</sup> Feb. 2011 at Department of studies in zoology, university of Mysore, Manasagangotri, Mysore- 570 006, India
2)	<b>S. R. LONDHE AND N.A. KAMBALE</b>  <b>“Induced toxicity of lead acetate on mortality of freshwater snail <i>Bellamya bengalensis</i> (Lamarck).”</b>



	National Conference on Global Warming and Conservation Strategies on 21 <sup>st</sup> and 22 <sup>nd</sup> December 2010. Sponsored by UGC & Organized by Department of Zoology & Drongo Environmental movement, Satara. Lal Bahadur Shastri College Satara.
3)	<p><b>S. R. LONDHE AND N.A. KAMBALE</b></p> <p><b>“Histopathology of cerebro neuronal cells in freshwater snail <i>Bellymea bengalensis</i>: impact on respiratory physiology, by acute poisoning of mercuric and zinc chloride.”</b></p> <p>“International conference on Bioscience with Special reference to Environmental issues (ICBEI - 2013)” on December 19-21, 2013 at Department of Zoology, Shivaji University, Kolhapur, Maharashtra, India.</p>

❖ **Attended workshops – 06**

- 1) “National Workshop on Environment Science and Problems” on 1-2 Sept 2010  
Sponsored by UGC & Organized by Department of Zoology & Drongo Environmental movement, Satara. Lal Bahadur Shastri College Satara.
- 2) Workshop on “Recent Advances in Applied Zoology” at Department of Zoology, Shivaji University, Kolhapur on 17<sup>th</sup> Sept. 2011.
- 3) National Workshop on “Biological control of pests” at Department of Zoology, Shivaji University, Kolhapur on 20<sup>th</sup> March.2012.
- 4) Two Day workshop on “Research Writings, Ethics. Plagiarism and Publishability” at Department of Zoology, Shivaji University, Kolhapur on 26<sup>th</sup> and 27<sup>th</sup> July, 2012.
- 5) Workshop on “A Brain – Storming Session fro Application of Technology for Sustainable Development in The state of Maharashtra, sponsored by Rajiv Gandhi Science and Technology Commission (RGSTC), Organised by Maharashtra Academy of Science (MASc) Shivaji University, Kolhapur, on 26<sup>th</sup> and 27<sup>th</sup> November, 2012.

- 6) Two Day workshop on “Social awareness and Activism in cultural movement” organized by Visvasrao Naik Arts, Com and Baba Naik Science Mahavidyalaya, Shirola, Dist Sangli on 29<sup>th</sup> and 30<sup>th</sup> November, 2014.

❖ **Conference attended – 11**

1)	National Conference on “Life sciences with special reference to environmental biotechnology and biodiversity” Organized by UGC and Department of Zoology, Vivekanand college, Shivaji University Kolhapur. On 2 <sup>nd</sup> & 3 <sup>rd</sup> Feb.2010.
2)	International Conference on Environmental Pollution, Water conservation and Health. July 29 <sup>th</sup> to 31 <sup>st</sup> 2010. Centenary Celebration of Department of Zoology, (1909- 2009), Organized by Department of Zoology, Bangalore University, Bangalore, In association with: Indian Society of Comparative Animal physiology (ISCAP), Tirupati India.
3)	National Conference on Recent Trends in Life Science with Special Reference to Animal Physiology, Biotechnology and Biodiversity Sponsored by UGC & Organized by Department of Zoology, Sadguru Gadage Maharaj College, Karad on 20 <sup>th</sup> October 2010.
4)	National Seminar on Recent Trends and Techniques in Bio- Science Sponsored by UGC & Organized by Department of Zoology, Arts, Commerce and Science college, Palus on 30 <sup>th</sup> November – 1 <sup>st</sup> December.
5)	National Seminar on Preparation of Skillful Research Papers at National and International Scenario, Sponsored by DST – Pune, Organized by Department of Zoology, Shivaji University, Kolhapur. On 6 <sup>th</sup> February. 2012

6)	National Seminar on Biodiversity: Conservation and Protection, Sponsored by UGC & Organized by Department of Zoology, Bharati Vidyapeeth, deemed University, Pune (India) on 13 <sup>th</sup> and 14 <sup>th</sup> March, 2012.
7)	National Seminar on “Apiculture” Sponsored by AST-PURSE, Organized by Department of Zoology, Shivaji University Kolhapur on 28 <sup>th</sup> Sept 2012.
8)	International Conference on “Sustainable Water Resource Development and Management” Organized by Department of Environmental Science, Shivaji University Kolhapur, on 20-21 <sup>st</sup> December, 2012.
9)	National Seminar on “Recent Trends in Life Science” Sponsored by UGC New Dehli, Organized by Department of Botany and Zoology, Rajarshi Chhatrapati Shau College, Kolhapur on 28 <sup>th</sup> and 29 <sup>th</sup> January 2013.
10)	National Seminar on “Recent Trends in Cell Biology, Biotechnology and Bioinformatics” Organized by Department of Zoology, Balwant College, Vita (MS) held on 6 <sup>th</sup> and 7 <sup>th</sup> Sept. 2013.
11)	National conference on “Frontiers in Chemical and Biological Science” Sponsored by UGC New Dehli, Organized by Department of Zoology, Dr. Vasantodada Patil Mahavidyalaya, Tasgon held on 23 <sup>rd</sup> and 24 <sup>th</sup> Sept. 2013.

**Dr. Sunil R. Londhe**