

Dr. Taware Shital Shantaram

M.Sc. PhD.

Assistant Professor in Zoology,

t.seagul@gmail.com



Sr. No.	Name of Staff Member	Photo
1	Dr. Taware Shital Shantaram Assistant Professor in Zoology, t.seagul@gmail.com	
2		

Specialization : Environmental Biology, Marine Biology etc.

Experience : 2 Years Teaching Experience

(a) Research Area/Research Interest:

Research Area: Environmental biology, Marine Biology, Eco-physiology, Aquaculture, Ornithology etc.

Research experience: 6 years of research experience in the Centre for Costal and Marine Biodiversity of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Along Bhatye Estuary at Ratnagiri.

(b) Publications

1. Lagade, V. M., **Taware, S. S.** and Muley, D. V. (2011): Physico-chemical parameters of estuary and their adjoining mangrove habitat from Bhatye, Ratnagiri (M. S.). *Electronic Journal of Environmental Sciences*, Vol. 4, 135-141.
2. **Taware, S. S.**, Lagade, V. M., Muley, D. V. and Koli, K. B. (2012). Checklist of birds at Bhatye estuary and adjacent areas, Maharashtra. *Zoo's Print*, Vol. XXVII, No. 7: 22-26.
3. **Taware, S. S.**, Lagade, V. M. and Muley, D. V. (2011). Oxygen consumption rate of the estuarine clam *Soletellina diphos* under various environmental conditions. *Indian Journal of Geo-Marine Science*, 41 (5): 468 – 472. (IF 0.422 for the year 2011).

4. Lagade, V. M., **Taware S. S.** and Muley, D. V. (2013). Seasonal variation in oxygen:nitrogen ratio of *Soletellina diphos* of Bhatye estuary, Ratnagiri Coast, India. ***Journal of Environmental Biology*, Vol 34: 123-126. (IF 0.64 for the year 2012).**
5. **Taware, S. S.** and Muley, D. V. (2013). Size dependent seasonal variation in respiration in clam *Katelysia opima* (Gmelin) exposed to lower salinity ranges along Bhatye estuary, Ratnagiri (M.S.) India. ***Journal of Marine Biology Association of India*. Vol 55 (1) (doi: 10.6024/jmbai.2013.55.1.01742.0x) (IF 0.422 for the year 2011).**
6. Lagade, V. M., **Taware S. S.** and Muley, D. V. (2013). [Commercial harvesting and economy of edible clam species in Bhatye estuary, Ratnagiri \(MS\), India.](#) **Indian Journal of Geo-Marine Sciences, Vol 42 (5), 665-669.**
7. **Taware, S. S.** and Muley, D. V. (2013). Seasonal biochemical alterations in estuarine clam *Katelysia opima* under osmotic stress along Bhatye estuary, Ratnagiri (M.S.) India. ***Journal of ecophysiology and Occupational Health*, (Accepted).**
8. Lagade, V. M., Chavan, B. R., **Taware S. S.** and Muley, D. V. (2013). Sustainable management and conservation of Penaeid shrimps in mangrove areas of Bhatye, Ratnagiri Coast, **International Science Journal**, Vol 1(1): 81-83.
9. **Taware, S. S.,** Lagade, V. M. and Muley, D. V. (2014). Preliminary survey of anthropogenic activities along Bhatye estuary, Ratnagiri, Maharashtra. **Electronic Journal of Environmental Sciences Vol. 7, 45-50.**
10. **Taware, S. S.** and Muley, D. V. (2014). Salinity induced respiratory alterations in estuarine clam *Paphia laterisulca* at Bhatye estuary, Ratnagiri Coast, India. ***The Bioscan*, Vol. 9 (4), 1361-1366.**
11. Lubal, M. J., Khilare, C. J., Pol, S. U., **Taware, S. S.** and S. R. Patil (2014). Drought conditions and its effect on bird diversity at mhaswad tank of Man Tahasil. Flora & Fauna, (Special Issue), Vol. 20 (2), 139-142.
12. Lagade, V. M., **Taware S. S.** and Muley, D. V. (2015). Seasonal Variation in the Biochemical Constituents, Percentage Edibility and Condition Index of the Estuarine Clam, *Soletellina diphos* (Linnaeus, 1771) (Mollusca: Bivalvia: Veneroidea:Psammobiidae), **International Journal of Zoological Research** 09/2015; 11(4). DOI: 10.3923/ijzr.2015.127.139
13. Lagade, V. M., **Taware, S. S.** and Muley, D. V. (2015): Seasonal variations in meat yield and body indices of three estuarine clam species (Bivalvia: Veneridae). ***Indian Journal of Geo-Marine Sciences*, Vol. 44: pp (online Published August 2015).** URL: <http://www.niscair.res.in/jinfo/ijms/ijms-forthcoming-articles/IJMS-PR-Aug%202014/MS%202218%20Edited.pdf>

14. Shital S. Taware, Vishwajeet M. Lagade and Deepak. V. Muley (2017). Effect of salinity reduction on digestive gland of estuarine clam *Paphia laterisulca* at Bhatye estuary, Ratnagiri coast, India”, *J. Mar. Biol. Ass. India*, 59 (1): 44-48.

Book Chapter published:

1. S. S. Taware , V. M. Lagade and D. V. Muley (2015). Some behavioural alterations in estuarine clam *Katelysia opima* under osmotic stress along Bhatye estuary, Ratnagiri (M.S.) India, Book Chapter in : EMERGING RESEARCH TRENDS IN LIFE SCIENCES, Bhumi Publishing Nigave Khalasa, Kolhapur 416207, Maharashtra, INDIA pp. 1-12.
2. Vishwajeet M. Lagade, Shital S. Taware and Deepak. V. Muley (2017). Traditiona method of lime preparation from dead molluscan shell along Ratnagiri coast. (Communicated to EMERGING RESEARCH TRENDS IN LIFE SCIENCES, Bhumi Publishing Nigave Khalasa, Kolhapur 416207, Maharashtra, INDIA).

(c) Invited/Conference Talks

1. Lecture entitled “Comparative Vertebrate Anatomy: Digestive System”, delivered in Department of Zoology, Dahiwadi college Dahiwadi, Tal-Man, Dist-Satara on 27th Jan, 2017.
2. Lecture entitled “Histology of Mammalian Organs”, delivered in Department of Zoology, Dahiwadi college Dahiwadi, Tal-Man, Dist-Satara on 28th Jan, 2017.
3. Lecture entitled “Fish Culture”, delivered in Department of Zoology, Dahiwadi College Dahiwadi, Tal-Man, Dist-Satara on 30th December, 2017.

(d) Paper Presentation in National/International Conferences/Symposia

1. Taware, S. S., Lagade, V. M. and Muley, D. V. (2009). Effect of low salinity on the rate of oxygen consumption in two estuarine clams *Katelysia opima* and *Paphia laterisulca* from Bhatye estuary, Ratnagiri, Maharashtra. In National Conference on Biodiversity and Physiology of Aquatic Resources in Sustainable development for Rural Livelihood, organized by Department Of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in collaboration with I.A.A.B., Hyderabad (24 -25 Oct., 2009).

2. Lagade, V. M., **Taware, S. S.** and Muley, D. V. (2011). Commercial harvesting and economy of edible clam species in Bhatye estuary, Ratnagiri (M.S.) India. In 31st Annual session of AEB and National Symposium on Sustainable Development and Socio-Economic Challenges, organized by Bundelkhand University and AEB, India (14th to 16th Oct., 2011).
3. **Taware, S. S.**, Lagade, V. M. and Muley, D. V. (2011). Oxygen consumption rate of the estuarine clam *Soletellina diphos* under various environmental conditions. In “International Conference on Biodiversity and Aquatic Toxicology” organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University, Nagarjunanagar (A.P.) (12th to 14th Feb., 2011).
4. **Taware, S. S.** and Muley, D. V. (2013). Some physiological alterations in estuarine clam *Katelysia opima* under osmotic stress along Bhatye estuary, Ratnagiri, Maharashtra, India. In “National Seminar on Emerging Trends in Indian Aquaculture” organized by Department of Aquatic biology, University of Kerala, Thiruvananthapuram (28th to 30th March, 2013).
5. **Taware, S. S.**, Lagade, V. M., Muley, D. V. and Lubal, M. J. (2013). Heavy metal load respective to anthropogenic activities along Bhatye estuary, Ratnagiri (M.S.) India. In “Two days national Seminar on Recent Trends In Cell Biology, Biotechnology and Bioinformatics” organized by Department of Zoology, Balwant College Vita (6th and 7th Sept., 2013).
6. Lagade, V. M., **Taware, S. S.** and Muley, D. V. (2013). Effect of short term temperature on physiological body indices of two estuarine Venerid clams *Katelysia opima* and *Meretrix meretrix* (Mollusca: Bivalvia). In “Two days national Seminar on Recent Trends In Cell Biology, Biotechnology and Bioinformatics” organized by Department of Zoology, Balwant College Vita (6th and 7th Sept., 2013).

(e) Activities

1. **“Workshop on water quality assessment”** organized by Center for Coastal and Marine Biodiversity, Department Of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in collaboration with I.A.A.B., Hyderabad and R.P. Gogate and R.V. Jogalekar college of Arts, Science and Commerce, Ratnagiri (5th-6th June, 2008).
2. **Training:** Preliminary Skin diving training under supervision of Dr. Sarang Kulkarni, Marine Biologist & PADI SCUBA Diving instructor.(25th-27th Nov., 2008).
3. **“Fifteenth training course on collection, preservation and identification of insects and mites of economic importance”** organized by Zoological Survey of India, Prani Vigyan Bhawan, Kolkata, West Bengal (16th-19th Dec., 2008).

4. Workshop on “**Biomolecules: Isolation and Electro-Separation Technique in Biotechnology**” organized by R. P. Gogate and R. V. Jogalekar College of Arts, Science and Commerce, Ratnagiri (6th-7th March, 2009).
5. Workshop on “**Recent Advances in Applied Zoology**” organized by Department of Zoology, Shivaji University, Kolhapur (17th Sept., 2011).
6. Training Workshop for College Teachers in Zoology at B.Sc. I Revised Syllabi, sponsored by Shivaji University, Kolhapur and organized by P.G. department of Zoology, S.G.M. College, Karad on 7th August, 2013.
7. “State Training Policy (STP): Phase I - Foundation Training Programme for Class I officers of Higher and Technical Education Department” organized by YASHADA from 04th January to 22nd January, 2016.
8. “State Training Policy (STP): Phase II - Foundation Training Programme for Class I officers of Higher and Technical Education Department” organized by YASHADA from 16th November to 06th December, 2016.
9. “National level Forensic Expo” organized by Institute of Forensic Science, Mumbai on 20th – 21st December, 2016.
10. 36th Orientation Programme organized by UGC HRDC, Kumaun University, Nainital (Uttarakhand) from 27th November, 2017 to 23rd December, 2017.

(f) Topics taught

Biochemistry, Tools and Techniques, Oceanography, Endocrinology, Biotechnology.