

BIO – DATA

NAME: Dr. (Mrs.) POONAM NIRMALKUMAR KURVE

DESIGNATION & ADDRESS Associate professor

OF THE COLLEGE: Coordinator,
Dept of Environmental Science;
Dept of Biodiversity Wildlife
Conservation & Management
VPM's B. N. Bandodkar college of
Science, ChendaniBunder Rd,
Thane 400 601, India.



DATE OF BIRTH: December 19, 1962.

EDUCATIONAL QUALIFICATIONS:

DEGREE	SUBJECT	YEAR	UNIVERSITY
Ph. D.	ZOOLOGY	1999	UNIV. OF MUMBAI
M. Sc. (By research)	ZOOLOGY	1987	UNIV. OF MUMBAI
B.Sc.	ZOOLOGY	1983	UNIV. OF MUMBAI

SUBJECT TAUGHT: Zoology - Fishery Biology

DATE OF JOINING: 2nd August 1994.

TEACHING EXPERIENCE: 28 years.

RESEARCH PUBLICATIONS: 34(List attached)

RESEARCH PAPERS PRESENTED: 25

SEMINARS & WORKSHOPS ATTENDED:

RELATED TO SYLLABUS: 28

RELATED TO RESEARCH: 25(List attached)

RESEARCH GUIDE: For M.Sc. and Ph.D. in **Zoology and Environmental Science**, University of Mumbai.

RESEARCH PROJECTS: 06 + 01

ONGOING: 2019-20: Minor Research Project titled, “**Evaluation of Pollution indicator parameters of Kamwari River and its Estuary along Bhiwandi, (M.S.), India**”. Received a grant of Rs.50,000/- from University of Mumbai.

COMPLETED:

1] 2017: Small grant project titled, “**The Species Diversity and Foraging Behavior of Waders in Wetlands around Jasai, Uran and Flamingo Bird Sanctuary of Thane Creek**”. Received a grant of Rs.2,93,000/- from Mangrove & Marine Biodiversity Conservation Foundation of Maharashtra, Mumbai.

2] 2012-15: Major research project titled, “**To study season dependent variation in biodiversity and pollution status on the basis of indicator taxa of inter-tidal zones along the coastline of Alibaug, District: Raigad, Maharashtra**”.Rs.11,87,800/- grant was received from UGC for the same.

3]2012-13: Minor project titled, “**Survey of intertidal marine macroalgae and macrofauna of Borli-Mandla coast, Dist. Raigad, Maharashtra**”, funded by University of Mumbai 2012.

4] 2010: Project titled, “**To study molluscan and foraminiferan diversity of two beaches of Mumbai with respect to pollution**”, the project was allotted to the students and was funded by Envirovigil-NGO.

5] 2009-2010: Minor project titled, “**To study in diversity in marine algae and shells found at coast of Barshiv village near Alibaug**”, funded by University of Mumbai 2009.

6] 2004-2005: Minor project titled “**Comparative study of butterflies from urbanized zone, degraded forest and core forest in and around Thane city**”, funded by university of Mumbai 2004.

AWARDS AND RECOGNITION:

- 1. Organizing secretary for National Conference** on Biodiversity: Status and Challenges in Conservation: FAVEO 2013 held on 29th and 30th November 2013 at B. N. Bandodkar college of Science, Thane.
- Recipient of **UGC Travel Grant** for oral presentation of a research paper at World Conference on Marine Biodiversity organized by University of Aberdeen in collaboration with University of St. Andrews, Scotland, UK

titled “Coastal tourism in Alibaug; district Raigad: a menace or a bonus?”
26-30 September 2011.

3. **Organizing secretary for International Conference** on Ecosystem Services of Wetlands: ARDRABHUMI 2016 held on 16th and 17th February 2016 at B. N. Bandodkar college of Science, Thane.
4. **Resource person for Workshop** on “Herbarium Preparation of Marine Algae” Maharshi Dayanand college, Mumbai on 28th January 2017.
5. **Jury in 8th Indian Youth Science Congress** organized by University of Mumbai from 16th to 18th February 2017.
6. **Guest Speaker** for “Aspects of Research and Writing Research Manuscripts” organized by IQAC and Research Committee at B. N. Bandodkar college of Science, Thane on 10th April 2017.
7. **Chaired a session** during **International Colloquium** on Ambient Science to Strengthen the Green Economy organized by National Cave Research and Protection Organization, India at Raipur from 7th to 10th June 2018.
8. **Chaired a session** during **International Conference on Ecology, Ethology and Environment Management (ICEEE)** 2019, organized by VPM’s B. N. Bandodkar college of Science, Thane on 11th and 12th January 2019.
9. **Rapporteur for a session** during **National Conference on Mangrove and Coastal Resource**, organized by Shivaji University Kolhapur in Association with Mangrove Society India, Goa and Mangrove Foundation, Mumbai 12th April 2019.

RESEARCH PUBLICATIONS: (RESEARCH PAPERS)

1. **1987: Prospects of intensive culturing of *Mesocyclops leuckarti* under phased fertilization technique for using as an indicator organism under bio-assay studies.**
Perspective in Hydrobiology. Organized by Vikram University Ujjain, M.P. 1987. Sect II (8): pp 37-39.
2. **2001: Assessment of pesticidal LC-100 and sub-lethal concentrations ceasing reproductive activity of a cyclopoid copepod.**
Punjab Fisheries Bulletin. (July-Dec 2001) Vol. XXII No. 2.
3. **2002: Study of Zooplankton distribution from Ulhas river estuary and Thane creek.**

- Proc. National Conference on Creeks, Estuaries and Mangroves: Pollution and Conservation.* Organized by B.N.Bandodkar college of Science, Thane, Maharashtra. Nov. 2002: 109 – 115.
4. **2003: Toxic effects (By LC50 Analysis) of endosulfan on cyclopoid copepod *Mesocyclopsleuckarti* (Claus, 1857).**
J. Comp. Toxicol. Physiol. Vol (1): 19 – 21
 5. **2004: Comparative study of the abiotic and biotic components of an aquaculture pond and its adjacent Thane creek area, Maharashtra, India.**
J. Aqua. Biol. Vol. 19(1): 73 – 78.
 6. **2004: Butterflies of B.N.Bandodkar College Campus, Thane,** to the *Journal 'Insect Environment'*. Vol1. 10(3), October – December 2004.
 7. **2008. Preliminary study of Butterfly diversity from Thane city forest around Thane, Maharashtra.**
Proc. of Seminar on "Wonderful world of Insects" December 2008:53-57.
 8. **2010. Tourism to Ecotourism: A path towards conservation and community development. Case study of Nagaon, Alibaug (Maharashtra).**
Proceedings of Interdisciplinary State level Seminar on "Ecotourism: An Indian perspective" organized by M. D. College, Mumbai in collaboration with World Wide Fund for Nature India on 13th February 2010.
 9. **2010. Occurrence of macro-fauna from intertidal zone along the coastline of village Akshi, district. Raigad, Maharashtra.**
The Ecoscan 4(2 & 3): 207-208.
 10. **2010: Comparative study of acute toxicity of BHC and Furadan on *Mesocyclopsleuckarti* (Claus 1857) by LC50 analysis.**
Advances in BioResearch. Vol 1(2): Dec 2010.
 11. **2011: Study of Molluscan diversity of Kihim Beach-A popular tourist spot in Raigad district: A note on preliminary observations.**
Bio-Nano Frontier: Special issue – 6: pp 105 – 107. Feb 2011. (ISSN0974-0678)
 12. **2012: Distribution and seasonal variation of Gastropods, Bivalves and Macroalgae of Barshiv coast, Dist. Raigad, Maharashtra.**
Proc. NCBBC: 2012 (1): pp 101-104. (ISBN978-93-81921 23-4)
 13. **2012: Interlinking of modern medicine and ancient Ayurved: An evaluative approach.**

Journal of Biological and Physical sciences: Vol I (4): pp 98-99. (ISSN2319-636X)

14. **2012: Qualitative phytochemical screening of common marine chlorophyte *Ulva fasciata*.**
Proceeding of National Conference on Phytochemistry –Recent trends and challenges organized by B. N. Bandodkar college of Science in December 2012 pp: 188-191. (ISSN978-81-923628-0-9)
15. **2013: Biodiversity study of Satpuda National Park Madhai, Dist. Hoshangabad, Madhya Pradesh.**
JBNB Vol 1 (Issue 1): pp 42-49 January 2013. (ISSN2454-2776)
16. **2013: Recent study on butterfly diversity at Jnandweep, V.P.M. campus, Thane, Maharashtra.**
Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 116-120. (ISBN978-81-923628-1-6)
17. **2013: To study molluscan shells diversity of two fun beaches of Mumbai, Maharashtra:**
Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 135-138.(ISBN978-81-923628-1-6)
18. **2013:Bivalve and Gastropod Diversity of Borli Coast, Dist. Raigad, Maharashtra.**
Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 159-162.(ISBN978-81-923628-1-6)
19. **2013: Phytoplankton enumeration with respect to water parameters of Kurul lake-Alibagh, dist. Raigad, Maharashtra.**
Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 173-176.(ISBN978-81-923628-1-6)
20. **2013: Characterization and Identification of Microflora in Activated Sludge Process.**
Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 214-218.(ISBN978-81-923628-1-6)
21. **2015: Diversity and abundance of marine macroalgae along Borli coast: A zone under Western Ghats, Maharashtra, India. 2014-15**
Ambient Science:2015 Vol 2(I): (ISSN: 2348-5191(print) 2348-8980 (electronic).
22. **2015: Microfinance and women: A case study of villages around Alibaug, Dist. Raigad, Maharashtra, India. 2014-15**

IOSR Journal of Humanities and Social Science: Vol 20, Issue 2, Version IV: February 15: pp 44-46. (PISSN: 2279-0845, EISSN: 2279-0837).

23. **2015: Ethnobotanical studies of edible plants used by tribal women of Thane district. 2014-15**

Journal of Medicinal Plant Studies March 2015: Vol 3(2): 92-94. (ISSN: 2320-3862). IF: 1.88.

24. **2015: Hydrobiological study of Thane Creek.**

JBNE Special issue July-2015. pp: 122-124.(ISSN2454-2776)

25. **2016: Avifaunal diversity in and around VidyaPrasarak Mandal campus, Thane, Maharashtra, India.**

JBNE: Vol 5 (Issue 1) February 2016; pp:504-512.(ISSN2454-2776)

26. **2016: A survey of bird diversity at Bhandup Pumping Station: An Urban Habitat, (M.S.) India.**

*Proc. Of International Conference on Ecosystem Services of WetlandArdrabhum*i2016 pp: 139-143. (ISBN978-81-923628-3-0)

27. **2016: Spatio-temporal variation of physico-chemical parameters of water and sediments from Panvel Creek, Raigad, Maharashtra, India.**

*Proc. Of International Conference on Ecosystem Services of WetlandArdrabhum*i2016 pp: 148-153. (ISBN978-81-923628-3-0)

28. **2016: Preliminary study of phytoplankton Diversity to assess Pollution status of Lotus Point Lake, Kurul, Alibaug, M.S., India.**

*Proc. Of International Conference on Ecosystem Services of WetlandArdrabhum*i2016 pp: 160-163. (ISBN 978-81-923628-3-0)

29. **2016: Fishery status of Alimghar Channel of Ulhas River, Thane (M.S.) India.**

*Proc. Of International Conference on Ecosystem Services of WetlandArdrabhum*i2016 pp:132-136.(ISBN 978-81-923628-3-0)

30. **2016: Seasonal variation in heterotrophic bacterial density from the mudflats of Salav coast, District Raigad Maharashtra, India.**

SACON ENVIS Newsletter-SarovarSaurabb Vol 12 (1), 2016. Pp:5-8.(ISSN0972-3153).

31. **2017: Habitat dependent avifaunal diversity along the coastline of Raigad District, (M.S.), India.**

International Journal of Fauna and Biological Studies. Vol 4 Issue 2 Part A (2017). Pp 1-6. (Online ISSN: 2347-2677, Print ISSN: 2394-0522). RJIF: 5.53

32. **2018: Study of noise levels during Ganesh Festival in Thane and Mumbai, M.S., India**
J.B.N.B.: pp: 765-773.
33. **2019: A preliminary study on some ecological factors involved in Mud-puddling of butterflies in Mumbai Metropolitan Region.**
Int. Jour. Entomol. Res.: Vol 4: Issue 5: pp. 01-06. (ISSN: 2455-4758). IF 5.24 (Web of Sc.)
34. **2019: Effect of declining fish diversity on the fishermen community of Alimghar, Thane district, (M.S.), India.**
J.Env.Bio.Sc. Vol 33(2): 251-255. [ISSN 0973-6913 (Print), ISSN 0976-3384 (On Line)]. SJIF: 5.589 (UAJ No. 7379)

(ARTICLES):

1. **2013: Coastal tourism in Alibaug, Raigad District: A menace or a bonus?**Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 253-256.
2. **2013: Coastal Environment Overview in Raigad District, Post ChitraKhalijia Collision.** Proc of Nat. Conf. on Biodiv: Status and Challenges in Conservation: FAVEO 2013: pg: 257-260.

OTHER PUBLICATIONS:

1. **Author for textbook** titled, "Steps in biology" for 11th standard published in 2011 based on CBSE syllabus by Seth publication.
2. **Author for textbook** titled, "Steps in biology" for 12th standard published in 2013 based on CBSE syllabus by Seth publication.
3. **Author for the textbook** titled, "College zoology" sem I (ISBN: 978-93-5202-722-4) and sem II (ISBN: 978-93-5202-071-3) for F.Y.B.Sc. as per the curriculum prescribed by University of Mumbai in 2015.
4. Wrote an article **"Winter visitors at Alibag Coastline"** in Apala Paryavaran January 2018.
5. Wrote an article, "अ लबाग कनारा: स्थलांतरितपक्ष्यांचे आश्रयस्थान" in the souvenir of 33rd Pakshi Mitra Sammelan organized by Amazing Nature at Revdanda, Alibag on 11th, 12th January 2020.

SEMINARS AND CONFERENCES ATTENDED:

1. National Seminar on '**Perspectives in Hydrobiology**' at Vikram University Ujjain, in 1986.
2. National Seminar on 'Recent Advances in Hydrobiology' at Indore, in 1990.
3. Symposium on Interaction between Educational Institutions and Industry at Thane in 1996.
4. Introductory workshop on Asteroids conducted by Spaceguard India in January 2003 at B. N. Bandodkar college of Science, Thane.
5. Attended centenary workshop at IIT Powai, Mumbai organized by BNHS, Mumbai on 12-15 November 2003.
6. Attended seminar on "Contaminants in Food and Beverages" organized by Department Of Chemistry, B. N. Bandodkar college of Science, Thane on 6th October 2007.
7. Poster presentation at National conference on "Varied perspectives of Biodiversity" organized by Department of Zoology ICL MotilalJhunjhunwala College, Vashi, Navi Mumbai on 2-3 February 2007.
8. (2008) Part of organizing and editorial committee for the seminar on "Wonderful world of Insects" at B. N. Bandodkar college of Science, Thane.
9. Poster presentation at the National Seminar on "Climate change and challenges in Biodiversity conservation" organized by Dept of Zoology Fergusson College Pune on 11th and 12th December 2009.
10. Presented a paper at 20th All India Congress of Zoology National seminar on "Bioresources and its management for Food, Livelihood and Environmental security and National Helminthological Congress" organized by CIFE, Mumbai from 29th to 31st December 2009.
11. Presented a paper at Interdisciplinary State level Seminar on "**Ecotourism: An Indian perspective**" organized by M. D. College, Mumbai in collaboration with World Wide Fund for Nature India on 13th February 2010.
12. Presented a poster titled, "**A report on the macrofaunal diversity from intertidal zone along the coast of Akshi, Raigad, Maharashtra**" at the National conference on Interdisciplinary Approaches in Environmental Sciences, Organized by Society of Science and Environment at Dept of Zoology, M. S. University, Baroda on 9th and 10th October 2010.
13. Presented a paper titled, "**Impact of human activities on biodiversity of three coasts from Raigad district, Maharashtra**" at the International conference on Plants and Environment Protection – 4, organized by National

Botanical Research Institute and International Society of Environmental Botanists at Lucknow from 8th December 2010 to 11th December 2010.

14. Presented a paper titled, "Spatio ecological approach to environmental management of three neretic ecosystems along Maharashtra coast, India" at UGC sponsored National conference on Environment management and challenges for Sustainable development organized by MaharshiDayanand College, Parel on 2nd and 3rd February 2011.
15. Presented a paper titled, **"Study of Molluscan diversity of Kihim Beach-A popular tourist spot in Raigad district: A note on preliminary observations"**, at International conference on Sustainable Environment organized by Econeeds foundation, Aurangabad on 19-20 February 2011.
16. Presented a paper titled, "Coastal tourism in Alibag, Dist. Raigad: Menace or Bonus" at **"World Conference on Marine Biodiversity"**, organized by Aberdeen University and University of St. Andrews, at Aberdeen, Scotland, UK from 26th to 30th September 2011.
17. Attended a seminar on Research Avenues and Challenges in Higher education organized by University of Mumbai on 18th November 2011 (Anchored Science Faculty session).
18. Presented a paper titled, **"Distribution and seasonal variation of Gastropods, Bivalves and Macroalgae of Barshiv coast, Dist. Raigad, Maharashtra"** at National Conference on Biodiversity, Biotechnology and Climate change organized by Department of Life Science, Arts, Com and Science college, Sonai, A'Nagar, Maharashtra from 26th to 28th July 2012.
19. Presented a poster titled, **"Macroalgal diversity of intertidal zone of Borli-Madla coast, Dist. Raigad, Maharashtra"** at Biodiversity Asia 2012- Science, Policy and Governance organized by ATREE and Indian Institute of Science, Bangalore from 7th to 10th August 2012.
20. Presented a paper titled, **"Interlinking of modern medicine and ancient Ayurved: An evaluative approach"** at the II World Congress for Man and Nature 2012 organized by SevadalMahilaMahavidyalay, Nagpur, Maharashtra from 3rd to 5th November 2012.
21. Presented a poster titled, **"Qualitative phytochemical screening of common marine chlorophyte *Ulva fasciata*"** in the proceeding of National Conference on Phytochemistry –Recent trends and challenges organized by B.N.Bandodkar college of Science in December 2012.

22. Presented a paper titled, "**Ethnobotanical studies of edible plants used by Tribal women of Thane district**" at the Women's Science Congress (102nd Indian Science Congress) held at University of Mumbai Campus on 4th, 5th January 2015.
23. Presented a paper titled, "**Micro finance and Women- A case study of villages around Alibaug, Raigad district, Maharashtra**" at the Women's Science Congress (102nd Indian Science Congress) held at University of Mumbai Campus on 4th, 5th January 2015.
24. Presented a poster titled, "**Socio-economic status of fishermen community from Alimghar, Dist. Thane, India**" at the National Seminar on Approaches to clean and sustainable development in coastal zones of India-Present status and future needs organized by CSIR-National Institute of Oceanography Regional Centre Mumbai in collaboration with CMFRI, MoES and NSERB-India on 25, 26 August 2016.
25. Attended 31st **Pakshi Mitra Sammelan** (State Level) organized by HOPE, Thane from 25th to 26th November 2017.
26. Presented a paper titled, "**Butterfly Garden, an Ex-situ approach for butterfly conservation in a metropolitan city: A case study of VPM Campus, Thane, (M.S.), India**" at the International Colloquium on Ambient Science to Strengthen the Green Economy organized by National Cave Research and Protection Organization, India at Raipur from 7th to 10th June 2018.
27. Attended an **International Conference on Ecology, Ethology and Environment Management** (ICEEE) 2019, organized by VPM's B. N. Bandodkar college of Science, Thane on 11th and 12th January 2019.
28. Attended a **National Conference on Mangrove and Coastal Resource**, organized by Shivaji University Kolhapur in Association with Mangrove Society India, Goa and Mangrove Foundation, Mumbai 12th April 2019.
29. Attended 33rd **Pakshi Mitra Sammelan** (State Level) organized by Amazing Nature, Revdanda, Alibag from 11th to 12th January 2020.

WORKSHOPS ATTENDED RELATED TO SYLLABUS:

1. Workshop in Zoology for T.Y.B.Sc. (Revised Syllabus) organized by Board of Studies in Zoology held at D.G.Ruparel college, Mumbai, in April 1997.

- 2.** Part of Organizing and Editorial committee for National Seminar on Creeks, Estuaries and Mangroves, Pollution and Conservation at Thane in 2002.
- 3.** Workshop in Zoology for F.Y.B.Sc. (Revised Syllabus) organized by Board of Studies in Zoology held at D.G.Ruparel college, Mumbai, in July 2002.
- 4.** Participation in Certificate course in BioInformatics organized by R. Ruia College, Mumbai, in July 2003.
- 5.** Workshop in Zoology for S.Y.B.Sc. (Revised Syllabus) organized by Board of Studies in Zoology held at M.D. College, Mumbai in August 2003.
- 6.** One day seminar on laboratory safety organized jointly by B. N. Bandodkar college of Science, Thane and Indian Chemical Society, Mumbai on 30th January 2004.
- 7.** Health and hygiene - an epidemiological perspective organized by RamniranjanJhunjhunwala college, Ghatkopar on 26th September 2004.
- 8.** National conference on human health and nutrition, Biotechnolical approach, organized by Botany department B. N. Bandodkar college of Science, Thane on 12-13 December 2004.
- 9.** Attended workshop in Zoology T.Y.B.Sc. revised syllabus organized by board of studies in Zoology at Mithibai College, Mumbai on 22nd August 2004.
- 10.** Participated in Poster Session of one day seminar on research activities in Univ. Department and Affiliated colleges organized by University of Mumbai on 28th September 2005.
- 11.** Attended workshop in Zoology F.Y.B.Sc. revised syllabus organized by board of studies in Zoology at ICL MotilalJhunjhunwala College, Vashi, Navi Mumbai in 2008.
- 12.** Revision of syllabus in Applied component Organized in B.N.N. college, Bhivandi By Board of Studies in Zoology, Mumbai on 29th June 2009.
- 13.** Workshop on revised syllabus of S. Y. B. Sc. Zoology at SIES College, Sion on 10th September 2009.
- 14.** Attended workshop on 17st July 2010 T. Y. B. Sc. Revised syllabus in Zoology at RamniranjanJhunjhunwala College, Ghatkopar, Mumbai.
- 15.** Attended workshop on 31st July 2010 T. Y. B. Sc. Revised syllabus in Fishery Biology organized by Board of Studies in Zoology at Thakur College, Kandivli.
- 16.** Attended workshop on 7th August 2010 T. Y. B. Sc. Revised syllabus in Fishery Biology organized by Board of Studies in Zoology at K. J. Somaiya college of Science and Commerce, Vidyavihar, Mumbai.

17. Attended an Intercollegiate workshop on Feasibility Report organized by Department of Zoology, M. D. College, Mumbai on 4th September 2010.
18. Attended workshop on “Fishery Biology” organized by Board of Studies in Zoology at Maharashtra College, Byculla, Mumbai on 2nd February 2011.
19. Attended workshop, “The credit system and its implications on examination and syllabi” organized by Board of Studies in Zoology at Patkar college, Goregaon, Mumbai on 6th March 2011.
20. Attended fishery biology work shop at Maharashtra College on fishery biology on 2nd February 2011
21. Attended work shop at B. N. Bandodkar College of science on credit grading system 15 June 2011(compeering)
22. Attended work shop at B. N. Bandodkar College of science on environmental science Dictionary organized by ministry of human resource development New Delhi on 2nd-3rdAugust 2011
23. Attended work shop at B. N. Bandodkar College of science on photography on 17 August 2011organised by physics club
24. Attended national seminar on Avenues for scientific research proposal grants at B. N. Bandodkar College of science on 18 August 2011
25. Attended a Workshop on Avishkar Research Competition organized by B. N. Bandodkar college of Science on 5th December 2011.
26. Attended workshops on Credit System T.Y.B.Sc. Zoology organized by Board of Studies in Zoology and Sathye College, Parle on 31st January 2013.
27. Attended workshops on Credit System M.Sc. II Zoology organized by Board of Studies in Zoology and Khalsa College, Matunga on 16st January 2013.
28. Attended workshop at VIVA college, Virar on creditbased semester and grading system for Semester III and IV, Environmental Sciences organized by Board of Studies EVS, University of Mumbai on 8th August 2013.

ACADEMIC & PROFESSIONAL GROWTH:

1. Orientation Programme at ASC University of Mumbai from 2nd January to 31st January 2001.
2. Refresher course in Biosciences at Ruia College, Matunga, Mumbai from 10th October to 31st October 2002.
3. Refresher course in Biological Sciences at Khalsa College, Mumbai from 15th October to 3rd November 2007.

4. Worked as University Examiner in Fishery Biology in March 1999 to March 2000.
5. Worked as University Examiner in Marine Sciences in April 2001 to April 2005.
6. Member of Editorial Committee for National Seminar on Creeks, Estuaries and Mangroves Pollution and Conservation organized by Zoology Department, VPM's B. N. Bandodkar college of Science, Thane. 28th to 30th November 2002.
7. Member of Editorial Committee for Seminar on Wonderful World of Insects organized by Department of Zoology, VPM's B. N. Bandodkar college of Science, Thane in collaboration with WWF-India. 3rd December 2008.
8. Attended a meeting of coordination committee of revised syllabus of Applied Component at M. D. College, Parel on 2nd August 2010.
9. Life member of Society for Science and Environment.
10. Life member of International Society of Science and Technology.
11. Recognition as guide for M. Sc. by research in zoology in University of Mumbai.
12. Recognition as Guide for Ph.D. in Zoology under University of Mumbai.
13. Recognition as Guide for Ph.D. in Environmental Science under University of Mumbai.
14. Co-convener of S.Y. B.Sc. syllabus committee
15. Participated in Conference on "Rising above and Beyond excellence" organized by Dr. V. N. Bedekar Institute of Management Studies on 4th, 5th and 19th October 2013.
16. Participated in short term course on Soft Skill Development organized by UGC Academic Staff College at S. K. Somaiya College, Mumbai from 5th March to 11th March 2014.
17. Member of Volunteer Committee at the Women's Science Congress (102nd Indian Science Congress) held at University of Mumbai Campus on 4th, 5th January 2015.
18. Delivered a talk on "Marine Macro-algae" on 20th November 2015 for second preparatory workshop of international conference on ecosystem services of Wetlands "Ardrabhumi 2016" at B. N. Bandodkar college of Science, Thane.
19. Conducted workshop on preparation of macro-algal herbarium on 20th November 2015 for second preparatory workshop of international conference

on ecosystem services of Wetlands “Ardrabhumi 2016” at B. N. Bandodkar college of Science, Thane.

EXTRACURRICULAR:

1. Coordinator of Green-force Nature club at B. N. Bandodkar college, Thane from 2007-08.
2. Guided a project for National Children Science Congress in 2007. The project was selected upto National Level for presentation Member of BNHS and WWF-India.
3. Member of Alumni Association, Literary Association, Magazine committee and College- School Complex.
4. Active member of Cultural Committee and N.S.S. committee in the college from August 1994 to 2005.
5. Member of admission committee for F.Y.B.Sc. Admissions from June 2003 till date.

RESEARCH ACTIVITIES:

1. Appreciation certificate from **Department of Science and Technology, Govt. of India** for guiding a project on “**Our Fish Market**” of school children for **Children Science Congress**. 2007 – 08.
2. Participated in analysis of water sample from Powai Lake for Thane Municipal Corporation: 2003.
3. **CARE** project: Identification of Macrobenthos, Meiobenthos and Zooplankton from the fresh water and marine water samples from various water bodies in India.
4. **Guided S. Y. B. Sc. Students** for mini research projects namely, (1) “Butterflies of college campus”, (2) “Effect of common salt and tobacco on *Achatena*”, and (3) “to study Foraminifera of Juhu beach” Presented by S.Y.B.Sc. students at Modern college, Vashi on 2nd February 2011.
5. **Guided M.Sc. I (Environmental Science) students** for presentation of posters titled, “Vivipary in Mangroves” and “Physico-chemical parameters of Thane creek before and after Ganapati Immersion-2012”. The poster won first and second prizes respectively during World Wetland Day program organized by ParyavarnDakshataManch at Chandibai College, Ulhasnagar on 2nd February 2013.
6. **External referee** for M.Sc. dissertation in Biodiversity Wildlife at Savitribai Phule University, Pune 2019.

SERVICE TO COMMUNITY:

1. Talk on "Biodiversity and Environmental awareness at Alibag and nearby shores" at Senior Citizens' Organization, Revdanda, Dist. Raigad on 8th May 2012.
2. Contributing regularly towards 'PragatiPratishthan' under educational adaptation of a child for last few years.
3. Have been giving donations to Shantivan, Nere regularly for last few years.
4. Delivered a lecture on, "Impact of human activities on coastal biodiversity" in N. K. Gaikar Secondary School, Walke, Dist. Raigad on 28th January 2013.
5. Organized E-waste drives, Solid Waste Workshops, Butterfly garden, Urban Farming activities under Environmental Science and BWCM Dept.

OTHER ACTIVITIES:

1. **Guiding school children for insect identification.**
2. **Guided college students for various projects.**
3. **Participated and helped in 38th "AkhilBharatiya Marathi VidnyaanSammelan".** 19th – 22nd December 2003.
4. **Judge for Science projects under Children Science Congress (JIDNYASA) presented by school children.** 2004.
5. **Judge for Panda Festival (State Level) organized by W.W.F. – India at MaharashtraNaturePark:** 2005 and 2007.
6. Appreciation certificate from **Department of Science and Technology, Govt. of India** for guiding a project on "**Our Fish Market**" of school children for **Children Science Congress.** 2007 – 08.
7. **Judge for Science Exhibition** organized by A.K.Joshi high school. 4th Feb. 2010.
8. **Photographs exhibited at Panda Festival** organized by **World Wildlife Fund for Nature-India** (Mumbai): 9-10 December 2010.
9. **Judge for District Level Science Exhibition** organized by AdarshaVidyalaya, Chembur on 20th December 2010.
10. **Judge for H- Ward Science Exhibition** on 2nd December 2011 at St. Charles School, Santacruz, Mumbai.
11. **Judge for Intercollegiate Science Exhibition** and Poster presentation competition on 14th, 15th December 2011 at RuparelCollege, Mumbai.