

**Dr. (Mrs.) Pejaver Madhuri Kiran**

**M. Sc, D.H.E, Ph. D**

**Designation:** Principal, Head, Department of Zoology

**Email:** mkpejaver@gmail.com, prinbnb@vpmthane.org

**Educational Qualification:**

- B.Sc. Zoology, Mumbai University, 4<sup>th</sup> Rank, National merit scholar.
- M.Sc. Zoology - Endocrinology. Mumbai University, 1st rank.
- D.H.E., Mumbai University.
- M.Sc. (by research), Mumbai University.
- Ph.D. Mumbai University.

**Honours:**

- **Selected for Executive Endeavor Fellowship offered by Government of Australia., in Deakin University Geelong, Department of Arts and Education for four months. Under the mentor A/Prof. Damian Blake (Ph.D), Associate Dean – Teaching & Learning, Faculty of Arts and Education in Deakin Univesity.**
- Honored with “**Pitambari Thane Nagara Ratna Puraskar**” by Nagar Vikas Manch on 16<sup>th</sup> February 2014.
- Honored with “**Janakavi P. Savalaram**” by The Thane Municipal Corporation (TMC) at the 13<sup>th</sup> P. Savalaram Awards on December 23, 2012.
- Honored with ‘**Paryavaran Mitra Purskar**’ by The Thane Janata Sahakari Bank, Ltd., Thane, for excellent work in the field of environment protection and conservation on June 5, 2010.
- Honored with “**Thane Gaurav Award**” by Thane Municipal Corporation on 1st October 2006, for extraordinary work in the field of **Conservation of Environment**.
- Honored with “**Thane Gaurav Puraskar**” by Awake India Foundation on 7<sup>th</sup> May 2014.
- Honored with “**शिक्षणव्रती गोरव पुरस्कार**” by Shree. Gajanan Mandal Trust, Thane
- Honored with “**उपक्रमशील मुख्याध्यापक पुरस्कार**” by Maharashtra Foundation, Ambajogaai, District Bid

- Was conferred the **fellowship** in recognition of **outstanding contribution** towards the advancement of aquatic biology by Indian Association of Aquatic Biology at Hyderabad in April 2005.
- Patron for National Level Seminar on “Fungi and Human Welfare” conducted by Ramnarain Ruia College on 8<sup>th</sup> and 9<sup>th</sup> February 2013.

### **Official Positions**

- Presently working as Principal and Head of the Department of Zoology,
- Ex-Dean of Faculty of Science, University of Mumbai
- Member of Local managing committee, B. N. Bandodkar College of Science.
- Recognized Post Graduate teacher for Mumbai University
  1. M.Sc. Zoology by Papers from 1986
  2. M.Sc. Zoology by Research - guide from 1998
  3. Ph.D. - Zoology Research guide from 2001.
  4. M.Sc. Environment Science by Papers from 2012
  5. M.Sc. Environment Science by Research – guide from 2012
  6. Ph.D. Environment Science Research – guide from 2012
- Recognized Ph.D. Zoology guide for Yashwantrao Chavhan Maharashtra open University from 2002.
- Worked as Member of Senate, Academic Council, Ex-officio President of Science Faculty, Board for University Teaching and Research for Science Faculty, Research and Recognition Committee for Examination Board, Examination Board, Youth Health Coordinator Committee, Budget Review Committee, Scrutiny Committees, Budget Scrutiny Committee, International Journal Committee, Zoology Department University of Mumbai, CAP director, Convener on Local Inquiry Committee of University of Mumbai, committee for Guide Lines for Major / Minor Research Project of University / UGC, Board of Studies for Zoology of Mumbai University, Member of Faculty of Sciences of Mumbai University.
- Member of NAAC Peer Team

### **Other Positions:**

- Trustee of **HOPE Nature Trust** - NGO
- Executive President of **Jidnyasa Vigyan Manch** - NGO
- Nominated by Thane Municipal Corporation as a Member to prepare **vision document of Thane city** - 2003

**Work Experience: 40 years** (in the same college)

Worked as Head of Zoology Department from 1994

Worked as Vice Principal from 1999

Worked as I/C Principal from 2003.

Working as Principal from 2008

Research Experience: **25 years**.

Life member of Journals / NGO's 09

Research Projects completed 03

Research papers published : 60

Research and other articles: 12

Key Note / Plenary Lectures delivered in conferences: 20

Papers + Posters presented at National and International conferences: 25

Participation in Seminar / Conferences: 44

Participation in Workshops and Conferences related to Principal Forum 39

Research and other articles: 12

Advisory committee member on local bodies: 19

Invited as chief guest: 43

Guest Speaker: 31

Viva -Voce/Subject Expert/ LIC/Committee member: 41

Lectures Delivered: 26

Other honours 105

Radio talks: 13

Major Research Project undergoing Under UGC **“Study of diversity of Scarabaeid beetles in Pune city and effect of some ecological parameters on the life history of *Protaetia aurichalcea*”**

**Students enrolled for Research:**

- Four students completed Ph. D. Zoology (Three awaiting for viva) from University of Mumbai.
- Two student completed M. Sc. Zoology (by research) from University of Mumbai.
- Seven Students enrolled for Ph.D. in Environment Science in University of Mumbai
- One students awaiting for Ph. D. Viva Zoology in YCMOU
- One students enrolled for M.Sc. Zoology (by research) University of Mumbai

## **Educational detail**

- 1974 B.Sc. Zoology, Mumbai University, 1st class with distinction 4<sup>th</sup> rank, National merit scholar (17th rank at national level.).
- 1976 M.Sc. Zoology – Endocrinology. Mumbai University, 1st class with distinction, 1st rank.
- 1978 D.H.E., Mumbai University, 1st class with distinction.
- 1984 M.Sc. (by research), Mumbai University. “Biology of some crustaceans from the creek near Thane city.”
- 1988 Ph.D. Mumbai University. “Influence of biotic and abiotic factors on the biology of commercially important prawn *Metapenaeus monoceros* (Fabricius) of Thane creek near Thane city.”

## **Life member of**

- Indian Association of Aquatic Biologist
- Indian Society for Comparative Animal Physiology
- Journal of Ecobiology
- Journal of Environment & pollution
- Indian Journal of Environment and Ecoplanning
- Bionano- Frontier - An International Journal of Science & Technology.
- NGO working in Environment field – Hariyali
- NGO working for birds ‘Maharashtra Pakshi Mitra’
- Fellow of Society of Environment Sciences

## **Worked as subject expert for Ph.D. different Universities**

### **Research projects completed / Sanctioned**

1. 'Study of Pollution Status and Plankton of Two Water bodies from 'Thane City', Submitted to University of Mumbai, July 2003.
2. 'Study of effect of water pH on embryological development of *Daphnia* spp.' submitted to University of Mumbai, July 2008.
3. 'Bio-Compost' – a Niche for insect diversity, submitted to University of Mumbai, August, 2010.
4. Major Research Project undergoing Under UGC “**Study of diversity of Scarabaeid beetles in Pune city and effect of some ecological parameters on the life history of *Protaetia aurichalcea***”

## **Worked as Convener for**

- Worked as **principal coordinator** for teachers workshop, from 18-22 December 2002, at Panvel, (Thane) on "**creating environment awareness among students through nature clubs, nature campus etc.**
- National Seminar on Creeks, Estuaries and Mangroves Pollution and Conservation, held at B.N.Bandodkar College of Science, Thane, November 2003.
- National Seminar on "Human Health and Nutrition, A Biotechnological Approaches"
- The three days workshop 'Statistics for Non-Statisticians' in September 2005.
- The three days National Conference on 'Einestein's Theories and present Scenario' in November 2005.
- The workshop conducted by Jidnyasa Trust Thane on 'Biodiversity' in March 2006.
- National Conference on 'Linux Thane 2006'.
- Conference on 'Contaminants in Food and Beverages' October 2007.
- One day state level seminar on "Reengineering of Libraries" Nov. 2009.
- National Conference on Intelligent System 26-27 November 2010.
- Two days National Conference on 'Cloud Technology' 11<sup>th</sup> & 12<sup>th</sup> November 2011.
- Two days National Conference on 'Biotechnology in Diagnostics' 6<sup>th</sup> & 7<sup>th</sup> January 2012.
- Delivered about 20-25 lectures in different schools & colleges regarding environment awareness.

## **Recognition**

1. Appointed as the incharge principal of the college 1st October 2003.
2. Appointed as Principal of the college 11th November 2009.
3. Nominated as member of organizing committee of 15th National Children Science Congress, organized by Jidnyasa Trust Thane and Vidya Pratishtan, Baramati August, 2007.
4. Honored with the membership of Innerwheel Club of Thane West for 2004-2005 and 2006-2007.
5. Appointed as executive president for Jidyasa Trust Thane, Science Wing, 2006.
6. Appointed as Chief Editor, for 'Sahyankan ' published for 15th Children Science Congress , 2007.

## List of Research Publications

1. 'A study of Fish kill in Railadevi lake (Thane, Maharashtra)" J. Aqua. Biol. Vol.15 (1&2), 47-49, 2000.
2. 'A contribution to the vascular flora, birds and butterflies of Yeoor hills and environs' Bioresearch Journal, Vol. 3(1), 23-32, 2001.
3. 'Disposal of Nirmalya (religious refuse) a social problem' J. Environ. and Eco. Vol.19(2), 375-382, 2001.
4. 'Occurrence of the lobster moth caterpillar in Yeoor hills, Thane (Maharashtra)" J.Insect Environ. Vol.7 (3), 139-140,2001.
5. 'Factors governing polychaete biomass in Thane creek, Maharashtra state, India.' J.Aqua. Biol. Vol. 16(2), 15-17, 2001.
6. 'Physicochemical studies of lake Ambegosale (infested by Pistia sps.) Thane (India)" J. Ecobiol. Vol. 14(4) 277-281,2002.
7. "Sonneratia apetala (Buch. Ham.) (Fam.: Sonneratiaceae), A new larval food plant for Tasar silk moth *Antheraea paphia* (Linn.)." Insect environment Vol.7 (4), 164, 2002.
8. "Nutrient management from lakes in Thane city (Maharashtra)". Indian J. Environ. & Ecoplan. Vol. 6 (2) ; 349-354, 2002.
9. 'Species Diversity of Avifauna at Thane Creek near Rutuchakra Nature Park' Proc. The Nat. Sem. On creeks-conv. 276-282, 2002.
10. 'Mangrove plantation at rutuchakra by HOPE' Proc. The Nat. Sem. On creeks-conv. 234-236, 2002.
11. 'Food and Feeding Habits of *Metapenaeus monoceros* found in Thane creek.' Proc. The Nat. Sem. On creeks-conv. 116-119, 2002.
12. 'Study of Biodiversity of some macrophyte infested lakes, from Thane city (Maharashtra).' J. Nature Environ. and Poll. Tech. Vol. 12(3), 277-281, 2003.
13. 'Rotifer Diversity in Lake Masunda, Thane, (Maharashtra)', J. Aqua. Biol. Vol. 18(1), 23-27, 2003.
14. 'Dynamics of Chlorophyceae in phytoplankton of lake Masunda, Thane, Maharashtra, J. Aqua. Biol. Vol. 18(2), 21-25, 2003.
15. 'Crustacean zooplankton of lake Masunda, Thane,' J. Aqua. Biol. Vol. 19(1), 57-60, 2004.
16. 'Physiochemical parameters of two quarry lakes near Thane city.' J. Aqua. Biol. Vol. 19(1), 107-110, 2004.

17. 'A Consortium Approach Through College School Complex' presented in National Conference on Post Accreditation Initiatives : Best Practices in Higher Education conducted by K. J Somaiya College of Science and Commerce on 24th and 25<sup>th</sup> November 2004.
18. 'Butterflies of B. N. Bandodkar College Campus, Thane, Maharashtra J. Insect Environ. Vol. 10(3), 104-105, 2004
19. 'Preliminary Observations on Effect of Three Different Types of Food on the Population Density of the Fresh Water Rotifer, Lecane Inopinata' J. Aqua. Biol. Vol. 20(1), 159-161, 2005.
20. 'Survey of Diversity of Plankton Attached to Macrophytes from Weed Infested Lakes' J. Aqua. Biol. Vol. 20(1), 1-7, 2005.
21. 'New Records of Rotifers From Thane Lakes (Maharashtra)' J. Aqua. Biol. Vol. 20(1), 9-14, 2005.
22. 'Cluster Analysis of Zooplankton From Thane Lakes (Maharashtra)' J. Aqua. Biol. Vol. 21(1), 29-31, 2006.
23. 'Pls Response (Zooplankton) to Physico-Chemical Parameters from Thane Lakes (Maharashtra)' J. Aqua. Biol. Vol. 21(1), 32-36, 2006.
24. 'Cluster analysis of Physico - chemical parameters from Thane lakes in Maharashtra', Nature Environ. and Poll. Tech. Vol. 5(3), 433-436, 2006.
25. 'Evaluation of pollution in the lake Masunda, Thane, Maharashtra' J. Eco. Biol. Vol. 20(2), 163-166, 2007.
26. 'Cluster analysis of phytoplankton from the lakes of Thane, Maharashtra', J. Eco. Biol. Vol. 21(2), 101-105, 2007.
27. 'Response of phytoplankton of Thane lakes, (Maharashtra) to Physico – Chemical Parameters', J. Eco. Biol. Vol. 21(3), 209-216, 2007.
28. 'Study of phytoplankton population in lake Masunda, Thane, employing multivariate analysis'. Eco. Env. and Cons. Vol. 13(4), 847-848, 2007.
29. 'Study of water quality of Jail and Kalwa lake, Thane, Maharashtra. J. Aqua. Biol. Vol. 23(2), 44-50, 2008.
30. Study of Diversity of Macro-fauna from the Household Biocompost. Proc. Sem. 'Wonderful world of Insects' 3rd Dec. 2008
31. 'Effect of Urbanization on Algal Biodiversity' proceedings of UGC sponsored National Conference on Climate change and challenges in Biodiversity Conservation, pp 136-141, 2009.

32. 'Study of Diversity of Insect Fauna from the household Bio-compost', Bionanofrontier, Vol.3(1), pp 67-70, 2010.
33. 'Brain, Mind and Consciousness – an evolutionary approach' proceedings of the International seminar on Mind, Brain and Consciousness' pp 139-141, 2010.
34. "Role of Butterfly Garden In Ecotourism" proceedings seminar Ecotourism – An Indian Perspective, 52 – 55, 2010.
35. 'Train the Brain with NLP' proceedings of National Conference on Broader Perspectives of Language, Thinking and Technology, 27-31, 2010.
36. 'Nonverbal Communication – An Evolutionary Approach from Zoosemiotics to Antroposemiotics' proceedings of National Conference on Broader Perspectives of Language, Thinking and Technology, 46-51, 2010.
37. "Ovipositing By *Acraea Viola* on non – food plants – A mistake or an attempt to acquire new food plant", Bionanofrontier Vol 4 (1), 102-105, 2011.
38. "Diatom Diversity in Gadhi River and Deharang Reservoir", Bionanofrontier, Vol 4 (1), 78-83, 2011.
39. "Conservation with People's Participation – A Case Study", Proceedings : International Conference on Biodiversity and Its Conservation 2011.
40. "Study of floral diversity at Bhavale a barren place in Thane district adopted by an NGO for plantation", Proceedings : International Conference on Biodiversity and Its Conservation 2011 pp 1- 9
41. "Study of Diversity of compost fauna from different Biocompost samples", Proceedings : International Conference on Biodiversity and Its Conservation 2011. pp 1- 13
42. "Biocompost - A Niche For Insect Diversity", Proceeding : Lake 2010: Wetlands, Biodiversity and Climate Change.
43. "Cost Efficacy of Household Waste Management", Proceeding : Lake 2010: Wetlands, Biodiversity and Climate Change.
44. "Effect of Urbanization on Nutrient Loading and Phytoplankton Densities in River Gadhi and Deharang Reservoir, Panvel, Maharashtra", Proceeding : Lake 2010: Wetlands, Biodiversity and Climate Change pp 1-10.
45. "Conservation of Mangroves with Respect To Their Potentiality of Organic Carbon Accumulation in Sediments of Thane Creek, Maharashtra, India", Proceeding : Lake 2010: Wetlands, Biodiversity and Climate Change.

46. "Efficiency of Different Extraction Methods for The Macro-Fauna of Household Biocompost" *J. Ecobiology* Vol 28(4) 371 – 374, 2011.
47. "Effect of Pollution on Rotifer Diversity in River Gandhi and Deharang Reservoir" *Bionano Frontiers* Vol.5 (1) January – June 2012
48. "Occurrence of Rotifers and its Relation to the Water Quality during the Bioremediation process in Lake Kacharali, Thane, MS, India" *ISCA Journal of Biological Sciences* Vol.1(3), 54-58, July 2012.
49. "Aforestration on Barren Lands and Restoring Biodiversity Through NGO : A Case Study" ISBN 978 – 93 – 81921 – 23 -4, NCBBC 2012 (I) PP 5 – 9.
50. "Comparative Analysis of Plankton Density In A Static And Lotic Ecosystem With Respect To Temperature", *Bionanofrontier*, August 2012 (No. 9), p. 120-124.
51. "Occurrence of Black Soldier Fly *Hermetia illucens* (Diptera : Stratiomyidae) in Biocompost", ISSN 2277 – 2502, *Research Journal of Recent Sciences* Vol.2(4), 65-66, April (2013).
52. "Survey of Rotifers to Evaluate the Water Quality of the River Gadhi and its Reservoir", *IDDN 0971 – 765X, Eco.Env. & Cons.* 19 (2) : 2013 pp. (417-423).
53. Role of IQAC in Quality Enhancement in Higher Education Ways of Enhancing Teachers Motivation for quality in Higher Education
54. Steps to establish a World Class Institution
55. "Recent Study on Butterfly Diversity at Jnanweepa, V.P.M. campus, Thane, Maharashtra.", ISBN 978-81-923628-1-6.
56. "Conserving through Composting – the life cycle study of pest turned partner" ISBN 978-81-923628-1-6.
57. Comparative Study on Variation of Plankton of Macrophyte infested and non infested lakes from Thane city, Maharashtra", ISBN 978-81-923628-1-6.
58. Comparative Study of Flora of Three Plateaus in Western Maharashtra", ISBN 978-81-923628-1-6.
59. "Comparative Study of Microbial Population in Vermicompost and Biocompost in Relation with Physicochemical Parameters", ISBN 978-81-923628-1-6.
60. "A Report on Heronary in Mahad Taluka Dist Raigad Maharashtra", ISBN 978-81-923628-1-6.
61. "Strategies of Global Access in Higher Education", *JBNB* Volume 1, 2014
62. "Role of Teacher In Peace Education", One day National Seminar on Education for Peace ISSN – 2278 – 9308, 153 – 156

63. "Life Cycle Studies of *Prataetia aurichalcea* (Cetoniinae: Cetonidae : Scarabaeidas) in household biocompost", *Species*, 2014, 10(25), 86-97, Volume 10, Number 25, 24<sup>th</sup> September 2014.
64. "Imparting Career and Life Skill Training to science students through value added course on personality development and leadership training", PCERP Seminar Proceedings : April 2014 Book – 6, ISBN 978 – 81 – 924684-5-7.
65. "Natural Carbon Sequestration by dominant mangrove species *Avicennia marina* var. *accutissima* ex Staf & Moldenke ex Moldenke found across Thane creek, Maharashtra, India", *International Journal of scientific & Engineering Research*, Volume 6, Issue 2, February 2015, ISSN 2229 – 5518.
66. "Effect of Homa Ash On Mustard Seeds (*Brassica Juncea*)
67. Biomethanation : Solution to Urban Waste Management in Mumbai, Chinmay Khanolkar, Dr.M.K.Pejaver
68. "Planktonic Diversities and Densities With Respect to Its Relationships to the Nutrients in River Gandhi and Deharang Reservoir" *Life Sciences Leaflets* 7 : 63 / 73, 2012, ISSN 2277 – 4297 (Print) 0976-1098
69. Student Satisfaction Index (SSI), JBNB (Vol.1) Issue 1 January 2013.
70. Biodiversity study of satpuda National Park, Madhai, Distrcit, Hoshangabad, Madhya Pradesh, JBNB (Vol.1) Issue 1 January 2013.
71. Academic And Administrative audits for imrovement of performance of educational institution : Case study of B.N.Bandodkar College of Science, Thane, Maharashtra 7, 18 -19.
72. Deterioration of Thane creek ecosystem near Thane City over the past 20 years *seshaiyana* Vol.11, No.2, 2003.
73. "The Facilitation of Technology For Advancement Women Economy" JBNB, ISSN 2454 – 2776 (Special issue WSSW – July 2015) Anita S.Goswami-Giri, Monali Katkar-Torne, Kirti Aghshe and **M.K.Pejaver**.
74. Socieconomic Status of Adivasi and Katkari People Living in the Villages around River Gandhi and Deharnag Reservoir", JBNB, ISSN 2454 – 2776 (Special Issue WSSW – July, 2015) Minakshi N.Gurav, Meenakshi Sundaresan and **Madhuri K. Pejaver**.
75. "ABC Analysis – A Simple Approach for Grouping of Plankton Based on Abundance" , Vaishali Somani, Milan Gholba, Goldin Quadros, **Madhuri Pejaver**, Proc. UGC Sponsored National Seminar on "Wetlands – Present Status, Ecology &

Conservation” ISBN : 978-81-925005-3-9, Maharshi Dayanand College of Arts, Science & Commerce, Parel, Mumbai 400012. (12th August 2015)

76. “Cluster Analysis of Physicochemical Characteristics of Water Samples From The Riverine End of Thane Creek, Maharashtra, India”, Sheetal Chaudhari Pachpande, **Madhuri Pejaver** and Milan Gholba, Proc. UGC Sponsored National Seminar on “Wetlands – Present Status, Ecology & Conservation” ISBN : 978-81-925005-3-9, Maharshi Dayanand College of Arts, Science & Commerce, Parel, Mumbai 400012. (12th August 2015)
77. “Diversity of Some Rutelinae Beetles in and around Pune city” ISSN : 2278 – 7844, published in IJAIR : Volume 04, Issue 12 December 2015.
78. A Preliminary Study on the Birds of Thane Creek, Maharashtra, India”, Sheetal Chaoudhari-Pachpande & Madhuri K. Pejaver, Journal of Threatened Taxa / www.threatenedtaxa / 26<sup>th</sup> May 2016 / 8(5): 8797 – 8803.

#### **Research articles published in the book**

1. 'Nutrient management from lakes in Thane city', is published in the book entitled 'Aquatic Ecosystem', Publ: Daya Publisher, New Delhi. 2003.
2. 'Preliminary Observations on Breeding Behaviour of Freshwater Rotifer Brachionus Calyciflorus. Published in the book entitled 'Ecology of Plankton' Publ: Daya Publisher, New Delhi. 2005.
3. 'Comparative Study of Effect of Three different Types of Food on Population Density of Freshwater Rotifer Monostyla sp.' Published in the book entitled Advances in Aquatic Ecology, Publ: Daya Publisher, New Delhi. Vol (1) , 148-157, 2007.
4. “Potential of Water Bodies for Indigenous Fisheries and Socioeconomic Status of Local Fisherman at Panvel, District-Raigad, Maharashtra, 2011”, published in proceeding Seminar on “River, Society and Sustainable Development.
5. “A Report on Heronary in Malad Taluka District Raigad Maharashtra”, published in National Conference on Biodiversity : Status and Challenges in Conservation – FAVEO 2013, ISBN 978-81 923628-1-6.

## **Key Note / Plenary Lectures delivered in conferences**

1. 'Conservation & management of natural & manmade lakes from Thane city, (Maharashtra)' in a workshop organized by IAAB (sponsored by GWP) Hyderabad, on 'Lake management in India', December 2001.
2. 'A forestation and NGO's at national conference held at Umerkhed, on 'Management Innovations for conservation of fresh water resources, forests and wild life with special emphasis on tribal areas', December 2002.
3. 'Cry of city lakes & Hariyali' s contribution in their protection' at seminar held by Hariyali in B.N.Bandodakr College of Science, Thane on 'Beautification of city lakes - citizens perspective, January 2002.
4. 'Conservation and Management of Lakes (Water Pollution and Control Measures)' at National conference held at Nanded, on 'Management of Water Resources : Emerging Challenges, Trends and Solution', February 2003.
5. 'Reproduction in Crustaceans' at National Symposium on Recent Trends in Animal Reproduction: A special Emphasis on Biotechnology' organized by Shri. Pancham Khemraj Mahavidyalaya, Sawantwadi February 2005
6. 'Aquaculture and Ecotourism' at State level workshop on 'Recent Advances in Fish farming' organized by M. P. A. S. C. College, Panvel, February 2005.:
7. 'Conservation and Management of freshwater bodies, strategy to overcome water problem' in IWP sponsored regional workshop at Hyderabad April 2005.
8. 'Study of Biodiversity' at National Symposium on Recent Trends in Life Sciences organized by Shri. Pancham Khemraj Mahavidyalaya, Sawantwadi December 2006.
9. 'Forest as Natural Resources' at National Conference on Biotechnology and Conservation of National Resources organised by G.S. Gawande College, Umerkhed- January 2008.
10. 'Ingraining Science in young Minds' at National workshop on 'Science and Technology Communications in India-The Way Forward' organized by Department of Science and Technology, New Delhi, February 2009.(For this Jidnyasa received the National Award for the year 2009
11. 'Conservation of Lakes and Rain water' in National level conference on 'Impact of Urbanization on Lakes Ecosystem' (causes, consequences and remedial measures) conducted by Vikas Night College of Arts and Commerce, Vikroli, December, 2009.

12. 'Fresh Water Aquatic Biodiversity' in Refresher Course on Environmental Management – Present Scenario, conducted by Birla College and Academic Staff College, University of Mumbai, January, 2010.
13. 'Household Waste Management' in Refresher course on Environmental Management – Present Scenario, conducted by Birla College and Academic Staff College, University of Mumbai, January, 2010.
14. 'Question paper setting for College examinations' in refresher course on Environmental Management – Present Scenario, conducted by Birla College and Academic Staff College, University of Mumbai, January, 2010.
15. "Biodiversity from fresh water bodies" in National Seminar on "Present Scenario of Aquatic Biodiversity with respect to pollution in India" organized by Department of Zoology Mahatma Phule Arts, science, Commerce College, Panvel on February 15, 2010.
16. 'NAAC preparation' at K.G.Joshi College of arts & N.G. Bedekar College of Commerce, Thane on June 9, 2010.
17. "Household Waste Management" in National Seminar on Urban Waste Disposal and its Impact on Environment : Quest for solution, organized by Department of Chemistry, Sibsagar College, Joysagar (Assam) on 23<sup>rd</sup> - 25<sup>th</sup> September 2010.
18. "Solving Environmental Problem Profitably" in seminar on "Maharashtra – A Glorious Past and Stepping Forwards A Secured Future" organized by NCRD's Sterling College of Arts Commerce & Science, Navi Mumbai on November 25, 26 2011.
19. Invited as Key Speaker in the Zoology for Animal, Veterinary and Fishery Session Of Regional Science Congress at Vadodara on 15<sup>th</sup> & 16<sup>th</sup> September 2012.
20. Invited for interaction with the NAAC peer team at Changu Kana Thakur College on July 9, 2012.
21. Invited as Key-note address on "Role of Management, Leadership & Governance" in NAAC Sponsored two days National Level Seminar on the "Role of Management, Leadership & Governance" organized by IQAC on 13<sup>th</sup> & 14<sup>th</sup> February 2015 at Shri Panchan Khemraj Mahavidyalaya, Sawantwadi.
22. Invited as Key speaker on "Academic and Administrative Audit" in NAAC Sponsored two days National Conferences on the "Maximizing Resources for Infrastructure" organized by IQAC on 10<sup>th</sup> & 11<sup>th</sup> January 2017 at Nirmala Niketan.

## **Papers presented at National and International conferences**

1. "Ecological management of Thane creek near Thane city." - IX International symposium on Tropical ecology, Banaras Hindu University, December 1987.
2. "Influence of heavy metals on the activity of Lysosomal enzymes in *Metapenaeus monoceros*" - XI annual conference of the Indian society of comparative Animal Physiology and environment Interaction, Nagpur University, January 1989.
3. "Hariyali Part I - Conservation of rain water" in National conference on wetland conservation: Problems, prospect and challenges in next millennium, washim, October 1999.
4. Participated in National Symposium on Ecophysiology and conservation of Aquatic living resources held at the Institute of Science, Mumbai, January 1999.
5. "Study of Macrophytes infested lake Ambegosale (Thane, Maharashtra) at the National conference on fish and fisheries, organized by post - graduate college of Science, Osmania University, Hyderabad, March 2001.
6. "Students role in the environment protection & conservation of water" - seminar held by Hariyali in M.C.C. College, Mumbai, January 2002.
7. 'Conservation of Lakes and Rain water' in National level conference on 'Impact of Urbanization on Lakes Ecosystem' (causes, consequences and remedial measures) conducted by Vikas Night College of Arts and Commerce, Vikroli, December, 2009.
8. 'Monitoring Water Quality for the Development of fisheries in Deharang Reservoir, Panvel, Maharashtra' in 20<sup>th</sup> All India Congress of Zoology National Seminar on Bio-resources and its Management for food, Livelihood and Environment security and National Helminthological congress held in CIFE December, 2009.
9. 'Brain, Mind and Consciousness – an evolutionary approach' in International Seminar on 'Brain, Mind and Consciousness' conducted by Joshi Bedekar College, January, 2010.
10. "Role of Butterfly Garden in Eco tourism" in Interdisciplinary state level seminar on Eco tourism – An Indian Perspective organized by M.D. College, Parel on February 13, 2010.
11. "Train the Brain with NLP" in National Conference on "Broader Perspectives of Language, Thinking and Technology" conducted by VPM's Polytechnic College, Thane on July 3, 2010.

12. “Nonverbal Communication an Evolutionary Approach from Zoo semiotics to Antroposmiotics ” in National Conference on “Broader Perspectives of Language, Thinking and Technology” conducted by VPM’s Polytechnic College,Thane on July 3, 2010.
13. “Effect of Pollution on Ratifier Diversity in River Gandhi and Deharang Reservoir”
14. ‘Segregation and Disposal of Domestic Waste and its impact on Public Health’ in National Seminar on ‘Urban Waste Disposal and its impact on Environment and Public Health Quest for solution’ held in Sibsagar, Assam on September 23 to 25, 2010.
15. “Molluscan diversity of Thane Creek near Bhandup, thane, Maharashtra” in 12<sup>th</sup> National Conference of Society of Science & Environment on “Interdisciplinary Approaches in Environment Science” conducted at Department of Zoology, The M.S. University of Baroda on 9<sup>th</sup> and 10<sup>th</sup> October 2010.
- 16 “Cost Efficacy of Household Waste Management” at International symposium Lake 2010 : symposium on Wetlands, Biodiversity and climater change, at Indian Institute of Science, Banglore, on 22-24 December 2010.
17. “Conservation of Mangroves with respect to their potentiality of organic carbon accumulation in sediments of Thane Creek, Maharashtra, India, at International symposium Lake 2010 : symposium on Wetlands, Biodiversity and climater change, at Indian Institute of Science, Banglore, on 22-24 December 2010.
18. “Effect of urbanization on Nutrient Loading and Phytoplankton Densities in River Gadhi and Dehrang Reservoir, Panvel, Maharashtra”, at International symposium Lake 2010 : symposium on Wetlands, Biodiversity and climater change, at Indian Institute of Science, Banglore, on 22-24 December 2010.
19. Presented a paper on “Segregation and disposal of Domestic Waste and its Impact on Public Health” in National Seminar on “Urban Waste Disposal and its Impact on Environment and Public Health Quest for Solutions” on 23<sup>rd</sup> to 25<sup>th</sup> September 2010, at Sibsagar College Assam.
20. “Lake 2010 Symposium on wetlands, Biodiversity and Climate Change December 22<sup>nd</sup> – 24<sup>th</sup>, 2010, Indian Institute if Science, Banglore.

21. "Study of Diversity of Compost Fauna from different Biocompost Samples", at International Conference on Biodiversity and its Conservation' conducted by Modern College of Arts, Science and Commerce, Pune, Maharashtra, on 28<sup>th</sup> - 30<sup>th</sup> January 2011.
22. "Occurrence of Rotifers and its relation to the Water Quality during the bioremediation process in Lake Kacharali, Thane, Maharashtra in National Conference on Environment Management & Challenges for sustainable Development, conducted by M.D. College, Parel on 2<sup>nd</sup> & 3<sup>rd</sup> February 2011.
23. "Aforestration on Barren Lands and Restoring Biodiversity Through NGO : A Case Study" ISBN 978 – 93 – 81921 – 23 -4, NCBBC 2012 (I) PP 5 – 9 National Conference on "Biodiversity, Biotechnology and Climate Change, conducted by Department of Life Science Arts, Commerce & Science College Sonai on 26 – 28 July 2012.
24. "What Education is and What Education Ought to be ?" Proceedings of Management Development Conferences for Vidya Prasarak Mandal (VPM's) Group of Institutions Rising Above and Beyond Excellence in June and October 2013.
25. "Neurochemicals in Criminal & Anti – Social Behaviour (411)" at International Conference on "Emerging Trends and Challenges in Science & Technology (ETCST – 2014)" organized by Bionano Frontier and International Society of Science & Technology, Mumbai – Indian held on 3<sup>th</sup>, 4<sup>th</sup>, 5<sup>th</sup> November 2014 at Montein Hotel, Bangkok – 10500, Thailand
26. "Women Development Activities at village Kondivade (Maharashtra) – Assessment of Role of NGO – Bandhilaki" in Women Science Congress hosted by the University of Mumbai held on 4<sup>th</sup> to 5<sup>th</sup> January 2015 at Mumbai.
27. "Ethno-botanical studies of edible plants used by tribal women of Thane District" in Women Science Congress hosted by the University of Mumbai held on 4<sup>th</sup> to 5<sup>th</sup> January 2015 at Mumbai.
28. "Applied Natural Carbon Sequestration by the dominant mangrove species Avicennia marina found across Thane Creek" in Women Science Congress hosted by the University of Mumbai held on 4<sup>th</sup> to 5<sup>th</sup> January 2015 at Mumbai.

## **Poster presented**

1. “Monitoring Water Quality For The Development of Fisheries In Deharang Reservoir, Panvel, Maharashtra” on 20<sup>th</sup> All India Congress of Zoology, 29 – 31 December 2009, Mumbai.
2. “Biocompost – A Niche for Insect Diversity” at International symposium Lake 2010 : symposium on Wetlands, Biodiversity and climater change, at Indian Institute of Science, Banglore, on 22-24 December 2010.

## **Conferences / Seminars attended**

### **International Level**

1. International Conference on Recent Advances in Environmental Biotechnology organized by Birla College and Society of Science and Environment Nov. 2009.
2. Symposium Lake 2010 : Symposium on Wetlands, Biodiversity and Climate change at Indian Institute of Science Bangalore, on 22 – 24 December 2010.
3. International Conference on Biodiversity and its Conservation conducted by Modern College, Pune, on 28<sup>th</sup> to 30<sup>th</sup> January 2011.
4. International Conference on Koha Open Source Library Software conducted by K.G.Joshi Bedekar College, Thane, on 1<sup>st</sup> & 2<sup>nd</sup> November 2011.
5. International Conference on “Urban Lakes : Ecology, Rejuvenation, Technology and Economics” conducted by Naushad Ali SarovarSamvardhini (NASS) in collaboration with Vikas College (Mumbai), Shrishti Eco Research Institute (Pune), Young Environmentalist Programmed Trust (Mumbai), K.J.Somaiya College (Mumbai), Central Institute of Fisheries Education (Mumbai), Maharashtra Nature Park Society (Mumbai), on 7<sup>th</sup> & 8<sup>th</sup> September 2012.
6. International Conference on “Enhancing Health, Wellbing and Sustainability Opportunities, Challenges and Future Directions” conducted by Nirmala Niketan College of Home Science on 10<sup>th</sup> to 12<sup>th</sup> January 2013.
7. Participated in 101<sup>st</sup> Indian Science Congress held at University of Jammu, Jammu from February 3 to 7, 2014
8. Participated in International Conference on the 900<sup>th</sup> Anniversary of BHASKARACARYA “Bhaskara 900” on 18<sup>th</sup> to 21<sup>st</sup> September 2014.
9. International Conference on “Emerging Trends and Challenges in Science & Technology (ETCST – 2014)” organized by Bionano Frontier and International

Society of Science & Technology, Mumbai – Indian held on 3<sup>th</sup>, 4<sup>th</sup>, 5<sup>th</sup> November 2014 at Montein Hotel, Bankok – 10500, Thailand

10. Participated in 102<sup>nd</sup> Indian Science Congress held at University of Mumbai, Mumbai from January 3 to 7, 2015.
11. International Conference on “Ecosystem services of Wetlands : Ardrabhumi - 2016” organized by Department of Zoology and Environmental Science, in Collaboration with Mangrove Cell ,, Mumbai Salim Ali Center for Ornithology and Natural Histroy, Coimbatore Mangrove Society of India , Goa HOPE Nature Trust , Thane held on 16<sup>th</sup> and 17<sup>th</sup> February 2016 at B.N.Bandodkar College of Science Thane.

### **National Level:**

1. 'National Master Resource Training Workshop' being organized at Chennai by Science and Technology department, New Delhi as one among the two candidates from Maharashtra state, November 1999
2. National Symposium on 'Biodiversity, Biotechnology and Environmental Toxicology in the New Millennium', organized by Depatment of Zoology, Institute of Science, November 2004.
3. National Conference on 'Water Management Scenario2025', Organized by Joshi - Bedekar College of Arts and Commerce, Thane, January 2005.
4. National Symposium on Recent Trends in Animal Reproduction: A special Emphasis on Biotechnology' organized by Shri. Pancham Khemraj Mahavidyalaya, Sawantwadi February 2005.
5. . 'Conservation and Management of freshwater bodies' IWP sponsored regional workshop at Hyderabad, April 2005.
6. National Seminar on 'Alternative Energy Sources' organized by V.P.M.'S Polytechnic, Thane, August 2005.
7. National Seminar on 'Health Care Waste Management', organized by Enviro Vigil, Thane, Chaired the session-Experience Sharing, April 2006.
8. National Symposium on Recent Trends in Life Sciences organized by Shri. Pancham Khemraj Mahavidyalaya, Sawantwadi December 2006.
9. National Seminar on 'Bio-Ethics', Organized by Joshi-Bedekar College of Arts and Commerce, Thane, Chaired a session, January, 2007.

10. National Conference on Biotechnology and Conservation of National Resources organized by G.S. Gawande College, Umerkhed - January 2008.
11. National Conference on 'Impact of Urbanization on Lake Ecosystem (Causes, consequences and remedial measures) organized by Vikas Night College of Arts, Science and Commerce, Vikroli, December 2009.
12. "Present Scenario of Aquatic Biodiversity with respect to pollution in India and chaired a session conducted by Mahatma Phule Arts, Science, Commerce College, Panvel on February 15 & 16, 2010.
13. National seminar on "Urban Waste Disposal and its Impact on Environment and Public Health Quest for Solutions at Sibsagar College Assam on 23<sup>rd</sup> to 25<sup>th</sup> September 2010.
14. National Conference on Environment Management and Challenges for Sustainable Development", conducted by M.D.College, Pune on 2<sup>nd</sup> and 3<sup>rd</sup> February 2011.
15. National Seminar on "Third Cycle of Accreditation", conducted by Birla College, Kalyan on 12<sup>th</sup> February 2011.
16. National Conference on "Forest for the Future of Man", conducted by Ratnam College, Bhandup on 16<sup>th</sup> & 17<sup>th</sup> September 2011.
17. National Conference on "Biodiversity, Biotechnology and Climate Change, conducted by Department of Life Science Arts, Commerce & Science College Sonai on 26 – 28 July 2012.
18. National Seminar on "Biodiversity and Conservation of Coastal and Marine Ecosystems of India" conducted by Ramniranjan Jhunjhunwala College, BNHS, ATBS and IUCN – MEF on 13<sup>th</sup> September 2012.
19. National Conference on "Coastal and Estuarine Habitat Restoration" jointly organized by VPM'S, B.N.Bandodkar College of Science, Thane, Naushad Ali Sarovar Samvardhini (NASS), Mumbai in association with Indian Association of Aquatic Biologists (IAAB), Hyderabad Society for Environment Education Research and Management (SREERAM), Pune worked as Convener on 23<sup>rd</sup> September 2015.
20. Invited for the Inaugural session of the National Conference on Academic and Administrative Audit on 10<sup>th</sup> & 11<sup>th</sup> January 2017 organized by Nirmala Niketan.

## **State Level**

1. 'A Look at Threatened Species - Centenary Journal Workshop', organized by Bombay Natural History Society, at IIT, Mumbai, November, 2003.
2. 'Post Accreditation Agenda', Organized by V. G. Vaze College, Mumbai, November, 2003.
3. 'Pakshi Mitra Melawa' organized by Ecological Society, Pune, June 2004.
4. 'New Methodology for Institutional Re-Accreditation By NAAC', organized by Ramniranjan Jhunjhunwala College, Mumbai, February 2008.
5. One day state level seminar on 'Reengineering of Libraries' worked as convener. November 2009.
6. One day Seminar on "Assessment & Accreditation : Future Possibilities & Challenges", organized by Welingkar Institute of Management Development & Research on 22<sup>nd</sup> March 2012.
7. One day "Brainstorming Meet" for State Level Evaluators from Maharashtra Supported and catalysed by National Council for Science & Technology Communication (NCSTC), Departmental and Technology, Government of India organised by Jidnyasa Trust Thane nad Navi Mumbai Science Foundation in Association with Homi Bhabha Centre for Science Education (TIER) on Saturday, 22<sup>nd</sup> June 2013.
8. One day Workshop on "The Role of IQAC in Quality Enhancement", organized by Internal Quality Assurance Cell, VPM's B. N. Bandodkar College of Science, Thane on 5<sup>th</sup> October 2013.
9. State level One day Seminar on "Women In Science and Science For Women" organized by Research Committee, Women Development Cell and IQAC on 07<sup>th</sup> March 2015.

### **Regional/University Level**

1. "Interaction between Education Institution and Industry" organized by VPM, Thane.
2. 'Laboratory Safety', organized by Department of Chemistry, B. N. Bandodkar College of Science, Thane and Indian Chemical Society, Mumbai, January 2004.
3. 'Human Health and Nutrition, A Biotechnological Approach', organized by Department of Botany, B. N. Bandodkar College of Science, Thane, Worked as Convener, December 2004.

4. 'Einstein's Theories and Present Scenario' organized by Department of Physics, B.N.Bandodkar College of Science, Thane, Worked as Convener, November 2005.
5. 'Linux Thane, 2006', organized by Department of Information Technology, B. N. Bandodkar College of Science, Thane, Worked as Convener, November 2006.
6. 'Contaminants in Food and Beverages', organized by Department of Chemistry, B. N. Bandodkar College of Science, Thane, Worked as Convener, October 2007.
7. 'Conservation and Management of Wetlands With Special Focus On Thane Creek' organized by, Enviro-Vigil, TMC, IAAB, and Birla College, February 2008.
8. 'Urban Wetlands, Environmental Status, Economics and Management Options' organized by Maharashtra State Angling Association Mumbai in collaboration with IAAB, Hyderabad, February, 2008.
9. 'Wonderful World of Insects', organized by Department of Zoology, B. N. Bandodkar College of Science, Thane, December, 2008.
10. Khagolshastra Samelan conducted by Marathi Vidnyan Parishad , Thane on December 12 & 13, 2009.
11. Seminar on “Eco tourism – An Indian Perspective “ conducted by M.D.College of Arts, science & Commerce College Panvel on February 13, 2010.
12. Seminar on “Maharashtra – A Glorious Past and Stepping Forwards A Secured Future” on November 25<sup>th</sup> – 26<sup>th</sup>, 2011 organized by NCRD's Sterling College of Arts, Commerce & Science & University of Mumbai.
13. 'Cloud Technology', organized by Department of Information Technology, B.N.Bandodkar College of Science, Thane, 11<sup>th</sup> & 12<sup>th</sup> November 2011.
14. 'Biotechnology in Diagnostics', organized by Department of Biotechnology, B.N.Bandodkar College of Science, Thane, 6<sup>th</sup> & 7<sup>th</sup> January 2012.
15. “Biodiversity : Status and Challenges in Conservation” 'Faveo 2013', organized by Department of Zoology and Environmental Science, B.N.Bandodkar College of Science, Thane on 26<sup>th</sup> & 30<sup>th</sup> November 2013

### **Workshops**

1. Electrophoretic techniques organized by Sommaya College.
2. Computerization of Libraries organized by VPM, Thane.
3. 'Biodiversity' workshop organized by Jidnyasa Trust Thane, March, 2006.
4. 1st workshop on 'Wonderful World of Insects', organized by Department of Zoology, B. N. Bandodkar College of Science, Thane, January, 2008.

5. 2nd workshop on 'Wonderful World of Insects', organized by Department of Zoology, B. N. Bandodkar College of Science, Thane, August, 2008
6. First Preparatory Workshop on 'Orchid Genetic Diversity Conservation and Commercialization' conducted by B.N.Bandodkar College of Science, Thane, August, 2009.
7. Second Preparatory workshop on 'Orchid Genetic Diversity Conservation and Commercialization' conducted by B.N.Bandodkar College of Science, Thane, September, 2009.
8. First Preparatory workshop of the International seminar on 'Mind, Brain and Consciousness' conducted by the Research Institute of the Philosophy Department of K.G.Joshi and N.G. Bedekar College of Arts and Commerce on October 31, 2009.
9. One day workshop on "Yoga for total Health" conducted by B.N.Bandodkar College of Science in collaboration with Shri. Ambika Yoga Kutir, Thane on February 19, 2010.
10. Preparatory workshop on the theme "Broader Perspective of Language, Thinking and Technology" conducted by V.P.M's Polytechnic on March 6, 2010.
11. One day Symposium on "Looking Back – Looking Forward" conducted by Hariyali, Thane on 4<sup>th</sup> December 2011.
12. First Preparatory Workshop on 'Cloud Technology' conducted by B.N.Bandodkar College of Science, Thane, 9<sup>th</sup> July, 2011.
13. Second Preparatory Workshop on 'Cloud Technology' conducted by B.N.Bandodkar College of Science, Thane, 17<sup>th</sup> September, 2011.
14. First Preparatory Workshop on 'Biotechnology in Diagnostics' conducted by B.N.Bandodkar College of Science, Thane, 24<sup>th</sup> September, 2011.
15. Second Preparatory Workshop on 'Biotechnology in Diagnostics' conducted by B.N.Bandodkar College of Science, Thane, 26<sup>th</sup> November, 2011.
16. One day Workshop on conducted by Bhausaheb Nene Arts, Science and Commerce College, Pen , 30<sup>th</sup> July 2012.
17. Two day Workshop on Research Festival "Avishkar 2012 – 2013" conducted by Department of Student's Welfare and Universities Information Bureau.
18. Two day Workshop on "Understanding the IMC Ramkrishna Bajaj National Quality Award Criteria for Performance Excellence" on 28<sup>th</sup> & 29<sup>th</sup> April 2014 conducted by the IMC Ramkrishna Bajaj National Quality Award Trust.

19. One day Workshop on “Writing the IMC RBNQA Application Report” on 18<sup>th</sup> June 2014 conducted by IMC Ramkrishna Bajaj National Quality Award Trust.
20. Two day Workshop on “Understanding the IMC Ramkrishna Bajaj National Quality Award Criteria for Performance Excellence” on 28 & 29 April 2014 conducted by IMC Ramkrishna Bajaj National Quality Award Trust.
21. Two day IMC RBNQA Refresher Course for returning Certified Examiners on 19<sup>th</sup> & 20<sup>th</sup> June 2014 conducted by IMC Ramkrishna Bajaj National Quality Award Trust.
22. First Pre Conference Workshop for National Conference on “New and Emerging Trends in Bioinformatics and Taxonomy – NETBT 2015” on 12<sup>th</sup> August 2014 at B.N.Bandodkar College of Science, Thane.
23. IMC RBNQA re-qualified Certified Examiner for Quality Management on 20<sup>th</sup> June 2014 conducted by IMC Ramkrishna Bajaj National Quality Award Trust.
24. “The Peer Review / Critical Evaluation of the University Textbooks” workshop by A.B.V.M. Agrawal Jatiya Kosh's Ghanshyamdas Jalan Women Degree College of Science, Commerce & Arts on 25<sup>th</sup> april 2015.
25. Two day IMC RBNQA Refresher Course for returning Certified Examiners on 05<sup>th</sup> & 05<sup>th</sup> June 2015 conducted by IMC Ramkrishna Bajaj National Quality Award Trust.
26. One day Workshop on “Exploring New Horizons of Teaching – Learning Methodologies” on 16<sup>th</sup> July 2015 at B.N.Bandodkar College of Science, Thane.
27. IMC RBNQA re-qualified Certified Examiner for Quality Management on 04<sup>th</sup> & 05<sup>th</sup> June 2015 conducted by IMC Ramkrishna Bajaj National Quality Award Trust.
28. One day Workshop on “Global Scenario in Biotechnology” on 06<sup>th</sup> August 2015 at G.M.Momin Women's College.

## **Faculty development**

### **Workshops for the syllabus**

1. Attended the workshop related to change of syllabus of F.Y.B.Sc. Organized by Board of Studies in Zoology at ICLES' Motilal Jhunwala College, August 2008.
2. Participated in one day workshop on “Revised Syllabus of Applied Component for Third Year B.Sc. Zoology held in K.J. Somaiya College of Science Commerce on August 7, 2010.
3. Participated in M.Sc. Part I Zoology Revised Syllabus committee in Ramniranjan Jhunjhunwala College on March 2011.

4. Workshop on “The Credit system and its Implications on examination and Syllabi” conducted by Board of Studies in Zoology, University of Mumbai on 6<sup>th</sup> March 2011.
5. Workshop for teachers on To “Implementation Credit Based System for SYBSc Zoology on Friday 27<sup>th</sup> January 2012 organized by Sophia College on behalf of Board of Studies in Zoology, University of Mumbai.
6. Workshop for revised syllabus in zoology organized by ICLES'MJ College, Department of Zoology in collaboration with Board of Studies, University of Mumbai on 15<sup>th</sup> July 2015.

**Attended the workshops and conferences related to principals forum as it is required to update my administrative knowledge.**

1. Workshop on 'UGC Sponsored Career oriented Courses at First Degree Level in Colleges' organized by Principal's Association and Ramnarayan Ruia College, Mumbai, September 2003.
2. State Level three days Workshop on 'College Administration' organized by College Principal's Association at J.S.M. College, Alibag, October 2003.
3. Two days National Conference on 'Revamping of Science Education', organized by UGC, Western Regional Office, Pune, at Fergusson College, December 2003.
4. State level Conference on 'Recent Trends in Higher Education', Hosted by S.N.D.T. Women University Principals' Forum, at Andheri, February 2004.
5. Two days NAAC Sponsored seminar come workshop on 'Improving Quality of Teaching and Learning in The Classroom', at Mahatma Gandhi Memorial College , Udipi, March 2004.
6. One Day Seminar on 'Quality Enhancement Initiatives', organized jointly by G .S. Girls college Malad and Univ. of Mumbai College Principals Association, Mumbai, April 2004.
7. Workshop of Principals, organized by Univ. of Mumbai College Principals Association and C. K. T. College, New Panvel, April 2004.
8. Workshop of Principals, organized by Univ. of Mumbai College Principals Association and Pragati College, Dombivli, May 2004.
9. NAAC Sponsored National Conference on 'Post Accreditation initiatives :Best Practices in Higher Education', organized by K. J. Sommaiya College of Science and Commerce, September 2004.

10. NAAC Sponsored Workshop on 'Quality Sustenance and Enhancement Measures in Higher Education', organized by University Of Mumbai, February 2006.
11. 'Technology Enabled Interactive Workshop For Accredited Institutions in Maharashtra', organized by Dyanasadhana College, Thane, February 2006.
12. Attended seven days 'Executive Development Programme' organized by Association of Indian College Principals at University of Pune, May 2006.
13. State level Seminar on 'Students Participation in Quality Assurance in Higher Education.' Organized by IQAC Shankar Narayan College of Arts and Commerce jointly with NAAC, January 2007
14. Consultation on "National Accreditation Regulatory Authority for Higher Educational Institutions Bill 2010" organized by NAAC, October 2011.
15. Member of organizing committee of Research Avenues in the one day seminar on Research Avenues and Challenges in Higher Education" organized by University of Mumbai on 18<sup>th</sup> November 2011.
16. UGC Sponsored Two Days National Level Seminar on "Nanotechnology : Fundamentals and Applications" Changu Kana Thakur College on Friday, 27<sup>th</sup> April 2012.
17. Organizing First Term Training Programme for Extension Work Teachers and Student Managers of Arts, Commerce, Science College of Education at B.N.Bandodkar College of Science on Thursday, August 02, 2012.
18. Workshop on Career Advancement Scheme (CAS) conducted by IQAC of Ramniranjan Jhunjhunwala College on 4<sup>th</sup> July 2013.

## **OTHER HONOURS**

### **Advisory committee member on local bodies / Chairman in Conferences**

1. National seminar on 'Pollution of Water Bodies in Urban Areas (Case Study Thane City) organized by V. P. M.'s Polytechnic College, Thane, August 2004.
2. Was selected as member of advisory committee on "**Non Conventional energy resources**" by Government of India' on 14th November 2005.
3. Selected as honorary member in advisory committee for 'Nontraditional energy resources' Formed by Government of Maharashtra at District level December 2005.
4. National seminar on 'Healthcare Waste Management' organized by Enviro- Vigil in collaboration with TMC, April 2006.
5. Exhibition on Theme of 'Water' organized by Enviro-Vigil, Thane, March, 2007.

6. Committee for Inter-collegiate Cultural Competitions and Cultural Activities, University of Mumbai, July 2007.
7. Nominated as member in Advisory Board of Research Journal 'Bionanofrontier' July 2007.
8. Conference on Wetland Conservation and Management with a special Focus to Thane Creek, organized by Enviro-Vigil, February 2008.
9. Seminar on Urban Wetlands- Environmental status, Economics and Management Options, organized by Maharashtra state Angling Association and IAAB, Hyderabad, February 2008.
10. Exhibition on Theme of 'Water Save Water Save Life' organized by Enviro-Vigil, Thane, March 2008.
11. 'Avishkar - 2008', organized by University of Mumbai, Student welfare Department, January 2009.
12. 'Ecotourism An Indian Perspective' M.D. college, Parel, February, 2010.
13. Advisory Committee Member for National Level Seminar on "Present Scenario of Aquatic Biodiversity with respect to pollution in India" conducted by Mahatma Phule Arts, Science & Commerce College, Panvel, February, 2010.
14. Worked as Chairperson for a session in "National level conference on Impact of urbanization on Lake Ecosystem" (Causes, consequences and remedial measures) conducted by Vikas Night College of Arts, Science and Commerce, Vikroli, December 21, 2009
15. Member in Core Group for XIth standard admissions of Maharashtra Board MMR region for 2010-2011.
16. Chaired the technical session "Urban Waste Disposal and Impact on Environment" in National Seminar on "Urban Waste Disposal and its Impact on Environment and Public Health Quest for solutions" conducted by Department of Chemistry, Sibsagar College, Joysagar (Assam), 23<sup>rd</sup> to 25<sup>th</sup> September 2010.
17. Worked on Advisory Committee and Chaired a session on "National Conference on Environment Management & Challenges for Sustainable Development" conducted by M.D. College, Parel, on 2<sup>nd</sup> and 3<sup>rd</sup> February 2011.
18. Worked on Advisory Committee on one day conference "Wetlands – Key to Preservation of Environment" conducted by Paryavaran Dakshata Manch (Mandal), Thane & N.S.S. Department of K.B.P.College, Vashi (Navi Mumbai) on 2<sup>nd</sup> February 2011.

19. Avishkar - 2011', organized by University of Mumbai, Student welfare Department, November 2011.
20. Member of advisory committee in Two days National Conferences "On Environment Management and Challenges for Sustainable development conducted by M.D. College, Parel on 2<sup>nd</sup> & 3<sup>rd</sup> February 2011.
21. Was selected as member of Local Advisory Committee on National Conference "**Aquaculture Prospects & Problems**" by Department of Zoology The Institute of Science on 12<sup>th</sup> & 13<sup>th</sup> October 2012.
22. Worked on National Advisory Committee on UGC Sponsored National Conference on "Modern Trends in Zoology" conducted by Rizvi College of Arts, Science & Commerce on 20<sup>th</sup> to 22<sup>nd</sup> December 2012.
23. Was selected as member of National Advisory Committee on UGC sponsored National Conference on "Concepts and New Trends in Aerobiology & Allergy" (CANTAA 2013) on 29<sup>th</sup> & 30<sup>th</sup> November 2013.
24. Honoris Causa for the contribution in "Group of Institutions Conferences on Rising Above and Beyond Excellence" by V.P.M's Dr.V.N.Bedekar Institute of Management Studies, on June 14<sup>th</sup>, 15<sup>th</sup> & 29<sup>th</sup> 2013 & October 4<sup>th</sup>, 5<sup>th</sup> & 19<sup>th</sup> 2013
25. Was selected as member of Advisory Committee on National Conference "**Microbiology Horizons In Biomedical Sciences**" by Department of Microbiology, Karmaveer Bhaurao Patil College, Vashi on 27<sup>th</sup> & 28<sup>th</sup> September 2013.
26. Was selected as member of Advisory Committee on National Seminar "Impact of Global Climate Change on Environment and Ecological Conservation" by Mahatma Phule Arts Science and Commerce College, on 18<sup>th</sup> January 2014.
27. Was selected as member of Advisory Committee on National Conference "Fungi in Agriculture" by NES Ratnam College Arts Science and Commerce College, on 28<sup>th</sup> & 29<sup>th</sup> January 2014.
28. Was selected as member of Advisory Committee on National Conference "Wetlands and Agriculture" and Annual Convention of ATBS by V.G.Vaze College on 1<sup>st</sup> and 2<sup>nd</sup> February 2014.
29. Was selected as member of Organizing Committee on "37<sup>th</sup> All India Conference of The Indian Botanical Society & National Symposium on Biodiversity & Climate Change" in collaboration with MSBB by V.G.Vaze College on 7<sup>th</sup> to 9<sup>th</sup> November 2014.

30. Was selected as member of National Advisory Committee on National Conference on “Mangroves of Konkan Coast” by R.P.Gogate College of Arts & Science & R.V.Jogalekar College of Commerce on 2<sup>nd</sup> & 3<sup>rd</sup> February 2015.
31. Was selected as member of Organizing Committee on National Conference on Environmental Issues : Overview and Challenges by Pen Education Society's Bhausaheb Nene College, Pen Raigad on 15<sup>th</sup> November 2014.
32. Was selected as member of National Advisory Committee on National Conference on “Wetlands – Present Status, Ecology and Conservation” by Maharshi Dayanand College of Arts, Science & Commerce on August 2015
33. Was selected as member of organizing / advisory committee of Paryavaran Dakshata Manch Thane

### **Invited as chief guest**

1. Annual day celebrations in Bhagwati High school, Thane, February 2004.
2. Annual Prize Distribution Ceremony by TMC, Thane, August, 2004.
3. Guest Lecture Series in Zoology, ICLES' Motilal Jhunwala College, Vashi, September, 2004.
4. Meritorious students Award Function, Lions Club of Bombay, Kanjurmarg, September 2004. Thane
5. Meritorious students Award Function, Anand Bharati Samaj, Thane, September 2004.
6. Ekalavya, RYLA Award, Rotary Club of Thane North, September, 2004.
7. Seminar on 'Water Management', organized by Rotary International Dist 3140, Thane, October 2004.
8. Presentation of community based Science Projects, organized by Jidynasa Trust Thane, October, 2004.
9. Annual Prize Distribution Ceremony at Kamalini Deaf and Dumb School, Thane, December 2004.
10. Annual Prize Distribution Ceremony at S. V. P. Mandal, Kalwa, January 2005.
11. Prize Distribution 'Environment workshop', organized by HOPE, May, 2005.
12. Meritorious students Award Function, Badalapur Mandal, July, 2005.
13. 'SSC and HSC Felicitation programme' organized by Rotary Club of North End, July 2005.
14. International Women Day Celebration by PWD, Thane on March 8, 2010.
15. Nyayak Ladha Patrakar Seva Sanstha, Thane for Women day celebration on March 27, 2010.

16. 'Teachers Day Celebration' at Kulgaon Badlapur Municipal Corporation on September 05, 2010.
17. Environment Day Celebration by Mentro Environment at Bhandup on September 8, 2010.
18. For the rally of School Children for "Pollution Free Diwali, at D.A.V. School Thane on 31<sup>st</sup> October 2010
19. For the send off function of students from Xth slandered from Dr. Bedekar Vidya Mandir, Thane on 7<sup>th</sup> February 2011.
20. Annual Prize Distribution Ceremony at Dr. Bedekar Vidya Mandir, Thane, February 2011.
21. Valedictory Function of the UGC sponsored Refresher Course in Biological Sciences on the theme "Current advances in Biological Sciences", at Khalsa College 15<sup>th</sup> October 2011.
22. Chief Guest for Prize distribution Ceremony of "Bal Sahitya Samelan" organized by Nyayik Ladha on 8<sup>th</sup> Jan 2011.
23. Passing out Parade for Nautical Science cadets of Training Ship Rahaman on 28<sup>th</sup> May 2011.
24. Invited as Chief Guest on National Conference on "Forest for the Future of Man", conducted by Ratnam College, Bhandup on 16<sup>th</sup> & 17<sup>th</sup> September 2011.
25. Invited as Resource Person for Panel Discussion on "One day Workshop on NAAC Accreditation : Process and Advantages" conducted by Birla College, Kalyan on 17<sup>th</sup> December 2011.
26. Chief Guest for "ठाणे महानगरपालिका तालुका स्तरीय माध्यमिक विभागाचे विज्ञान प्रदर्शन 2011-2012" organized by Thane Municipal Corporation on 20<sup>th</sup> December 2011.
27. Chief Guest for Anniversary Ceremony organized by Shri. Ambika Yogashram Thane on 25<sup>h</sup> December 2011.
28. Chief Guest for Annual Prize distribution Ceremony at "Smt. Savitridevi Thirani Vidyamandir" , Thane on 3<sup>rd</sup> January 2012.
29. Chief Guest for 23<sup>rd</sup> Annual Prize Distribution Ceremony at GM Momin Women's College, Bhivandi on 4<sup>th</sup> February 2012.
30. Invited as Resource Person for Panel Discussion on "Workshop on Credit System for M.Sc, Part – I, Zoology" Maharshi Dayanand College of Arts, Science & Commerce on 29<sup>th</sup> February 2012.

31. Invited as Resource Person for Panel Discussion on “Workshop on Reforms in Examination” on 14<sup>th</sup> July 2012 at Adarsh College of Arts & Commerce.
32. Invited as Guest of Honour for UGC Sponsored Two Days National Level Seminar on “Nanotechnology : Fundamentals and Applications” Changu Kana Thakur College on Friday, 27<sup>th</sup> & 28<sup>th</sup> April 2012.
33. Chief Guest for Felicitation Function of Toppers at Vidya Prasarak Mandal's Kannada High School & Junior College, Mulund on 30<sup>th</sup> June 2012.
34. Invite in the Panel Discussion at the Workshop on “Reforms in Examinations'. At Adarsh College of Arts & Commerce.
35. Chief Guest for श्रीमती इंदुमती पेठे यांच्या 'प्रवाह' काव्यसंग्रहाचे व प्रकाश माळी यांच्या 'तीर्थ क्षेत्रांच्या गावी' या दोन पुस्तकांचा प्रकाशन समारंभ सहयोग मंदिर हॉल, घंटाळी रोड, ठाणे, दिनांक 20 ऑगस्ट 2012 .
36. B.Sc. And M.Sc. Felicitation programme' organized by University of Mumbai, Fort on 17<sup>th</sup> September 2012.
37. Invited as Resource Person for Refresher Course in Library and Information Science on “Academic Performance Indicator” conducted by VPM's Joshi Bedekar College, on 17<sup>th</sup> August 2012.
38. Invite in Ph.D Research Presentation as Research Guide At YCM Open University, Nashik.
39. Invited as Resource Person at the National Conference on “Model Trends in Zoology” conducted by Rizvi College, Bandra on 20<sup>th</sup> December 2012.
40. Invited as Resource Person for Women Development Cell talk on “Women Beyond Boundaries” conducted by B.N.Bandodkar College of Science on 3<sup>rd</sup> January 2013.
41. Annual Prize Distribution Ceremony at SIES College on 9<sup>th</sup> February 2013.
42. Chief Guest for Annual Gathering at Saraswati Education Society on 1<sup>st</sup> February 2013.
43. Invited as Resource Person for Orientation Programme on the topic “API” at UGC Academic staff College, University of Mumbai on 3<sup>rd</sup> December 2012.
- 44 . Chief Guest for ग्यानबाची भटकंती व ग्यानबाचे पर्यावरण या दोन पुस्तकांचा प्रकाशन समारंभ, सरस्वती हायस्कूल क्रीडासंकुल, मल्हार सिनेमासमोर, ठाणे, दिनांक 02 जुन 2013 .
45. Invited as Resource Person for Personality Development and Leadership Training Course on “Positive Thinking” conducted by B.N.Bandodkar College of Science, Thane on 29<sup>th</sup> October 2013.

- 46 . Chief Guest for ठाणे महानगर शिक्षण मंडळ, ठाणे, विज्ञान प्रदर्शन सन 2013 – 14  
उदघाटन सोहळा, दिनांक 11 . 12 . 2013 .
47. Invited as Guest of Honour for Two Days National Level Seminar on  
“Biotechnology for Sustainable Growth and Development” Changu Kana Thakur  
College on 3<sup>rd</sup> & 4<sup>th</sup> January 2014.
48. Valedictory Function of the Indain Women and Mathematics Workshop at  
Department of Mathematics, University of Mumbai, December 23 – 28, 2013.
49. Chief Guest for Felicitation Function of Jigyasa (SHP) Batch IX at K.C. College  
and team Jigyasa on 29<sup>th</sup> January 2014.
50. Invited as Guest of Honour for felicitation of staff for receiving the 'Best College  
Award' (Urban Region 2012 – 13), Vivekanand Education Society's College of  
Arts, Science & Commerce, on 26<sup>th</sup> February 2014.
51. Invited as Resource Person for One Day Workshop on Choice Based Credit System  
(CBCS), Grading Sysytem & Semester System conducted by Changu Kana Thakur  
College, New Panvel on 11<sup>th</sup> August 2013.
52. Invited as Resource Person for Management Development Conferences Vidya  
Prasarak Mandal (VPM's) Group of Institutions Rising Above and Beyond  
Excellence – topic “From Here to Where” in June and October 2013.
53. Invited as Chief Guest for Implementation of Credit Based Semester-Wise Revised  
Syllabus of FYBSc at workshop held on 29<sup>th</sup> March 2014 by Department of  
Chemistry, N.G.Acharya & D.K.Marathe College association with Board of Studies  
in Chemistry, University of Mumbai.
54. Invited as an Expert for the Academic Audit to be held on 19<sup>th</sup> April 2014 at  
Mithibai College.
55. Invited as a Chief Guest for Inaugural Function of National Seminar on “Impact of  
Global Climate change on Environment and Ecological Conservation” by Rayat  
Shikshan Sanstha's Mahatma Phule Arts, Science & Commerce College, Panvel on  
18<sup>th</sup> January 2014
56. Invited as a Chief Guest and give talk on “Literacy” by Rotary Club of Thane Hills  
on 24<sup>th</sup> July 2014.
57. Valedictory Session of orientation programme for New Teachers give talk on  
“From Here to Where” at Dr. VN BRIMS on 12<sup>th</sup> August 2014.

58. Invited as Resource Person for giving a talk at Refresher Course in Biosciences - "New Era in Biological Sciences" conducted by Birla College, Kalyan on 12<sup>th</sup> January 2015.
59. Invited as Chief Guest at valedictory function of value added courses at College of Home Science on 01<sup>st</sup> April 2015.
60. Invited as an External Auditor to conduct Academic Audit for year 2014 – 2015 conducted by Maharshi Dayanand College of arts, Science & Commerce on 19<sup>th</sup> March 2015.
61. Invited as Chief Guest for the Convocation at St.Xaver's College on 12<sup>th</sup> June 2015.
62. Invited as Chief Guest for Valedictory Function of the Value -added courses at College of Home Science, Nirmala Niketan on 01<sup>st</sup> April 2015.
63. Invited as Chief Guest for the prize distribution at Tejasvini Mahila Mandal Manch, Thane on 14<sup>th</sup> June 2015.
64. Invited as Selection Panel as subject expert for selection of teacher for Teacher Fellowship held on 02<sup>nd</sup> July 2015 at St.Xavier's College.
65. Invited as Chief Guest for the "एकलव्य गौरव पुरस्कार" ceremony at Samata Vichar Prasarak Sanstha on 19<sup>th</sup> July 2015.
66. Invited as Chief Guest to inaugurate "Renewable Energy Day Celebration" at VPM'S Polytechnic College on 21<sup>st</sup> August 2015.
67. Guest Lecture on "Branding Yourself" in VPM's, Polytechnic College on 17<sup>th</sup> September 2015.
68. Invited as Resource Person for one day seminar on "Technopersona 2015" and give talk on "Branding Yourself" conducted by VPM'S Polytechnic College on 17<sup>th</sup> October 2015.
69. Invited as Chief Guest for the Workshop on CBCS at Gondvana University, Gadchiroli on 08<sup>th</sup> February 2016.
70. Invited as Resource Person & give a talk on Refresher Course in Biosciences - "Advances in Bio sciences " conducted by Birla College, Kalyan on 21<sup>st</sup> December 2016.

### **Guest Speaker**

1. 'Abhyas Mahotsav' organized by Birla College, Kalyan, August 2005.
2. 'How to enjoy Nature?' organized by Rotary club of Thane, August 2005.
3. Teachers' Day, Organized by Shri Samartha Sevak Mandal, Thane, September, 2005.

4. 'Water Conservation', Organized by Department Of Environment Studies, N. K. T. College, Thane, September, 2005.
5. Prize Distribution 'Aadarsh Ganeshotsav,'organized by Rotary Club of Thane, Midtown, October, 2005.
6. 'Workshop for training the school teachers for Environment Education',organized by HOPE, January 2006.
7. 'House hold Waste and Composting,' organized by V. P. M. Polytechnic, Thane, March, 2006.
8. 'Nature Camp', organized by Enviro -Vigil, November 2006.
9. Workshop on Zoological Microtechnic, organized by B.N.N. CollegeBhiwandi, December 2006.
10. Meritorious students Award Function, organized by New English School, December 2006.
11. World NAAC Women Day, organized by Senior Citizens Association New Panvel, March 2007.
12. Valedictory function of State level seminar on 'Achieving Excellence in Higher Education through Library as learning resource centre', organized by V. K. K Menon College, March 2007.
13. District level workshop for Children Science Congress, organized at Thirani High school, October, 2007.
14. Annual Prize Distribution Ceremony at Dr. Bedekar Vidya Mandir, December, 2007.
15. Workshop on Career Guidance, organized by Nyayik Ladha, December 2007.
16. Annual Prize Distribution Ceremony, at Bhagavati Vidyalaya, February 2008.
17. Annual Prize Distribution Ceremony, at New English School and Jr. College Kalwa, December 2008.
18. Annual Prize Distribution Ceremony, at nav bharat education Society's Eng. Med. School and Jr. College, December 2008.
19. 14th Clean and Green School Trophy, organized by Lions Club of Bhiwandi, January 2009.
20. Invited to participate in workshop on “Developing strategies on tree Plantation and Rain Water Harvesting in the Mumbai Metropolitan Region” organized by MMRDA on 14<sup>th</sup> August 2010

21. Invited as participant in meeting to discuss about new Centre of University of Mumbai at Thane by Mayor of Thane in TMC on 6<sup>th</sup> January 2011.
22. Annual Prize distribution ceremony at Maharashtra Vidyalaya on 8<sup>th</sup> January 2011.
23. विज्ञान शाखेसंबंधी शैक्षणिक मार्गदर्शन शिबीर conducted by “आई” मायेचा एक हात at Thane on 10<sup>th</sup> November 2011, Thane.
24. Review of present methodology of Assessment and Accreditation, The Executive Committee of NAAC on 8<sup>th</sup> January 2011.
25. “Career Guidance Programme” in Birla College, Kalyan, on Tuesday 24<sup>th</sup> February 2012.
26. Invited as participant in UGC Sponsored National Seminar on “Nanotechnology : Fundamentals and Applications” April 27 – 28, 2012 organized by Department of Chemistry, Changu Kana Thakur College.
27. Invited as Guest Speaker in Pragati College a One-day workshop on API -Need, Process and Application on 22<sup>nd</sup> August 2012.
28. Invited to participate in workshop on “Semester, Credit and Grading System for TYBSc Zoology, Applied Component” organized by Board of Studies in Zoology, University of Mumbai & Department of zoology, Mahatma Phule A.S.C. College, Panvel on 16<sup>th</sup> February 2013.
29. Invited to address teaching faculty on “Quality Enhancement through Autonomy and Performance based Appraisal system” conducted by Vivekanand Education Society's College of Arts, Science & Commerce on 19<sup>th</sup> October 2012.
30. Invited to participate as a Panelist, in Chrys – Tenement.... house of knowledge, on topic “Building of the Institute” by Managing committee of the Self Financing Wing of Joshi Bedekar College, Thane on 30<sup>th</sup> January 2014.
31. Invited as Guest Speaker in VPM'S, B.N.Bandodkar College on Australia From Bird's Eye-View on 13<sup>th</sup> August 2016.

**Viva -Voce/Subject Expert/ LIC/Committee member**

1. Worked as subject expert on the project of Naoroji Godrej Center for Plant research (based at Shirval, Pune) titled 'Mangrove of Thane creek: Lifescape diversity studies in relation to conservation'.
2. Viva Voce at The M. S. University Vadodara, March 2006
3. L. I. C. Member for L. D. Sonawane College, Kalyan, April 2006.
4. Subject Expert for Zoology at Birla College Kalyan, September, 2006.

5. Preparation for NAAC, lecture at Joshi- Bedekar Arts and Commerce College, Thane, June 2007.
6. Fee Structure Committee member, for undergraduate and postgraduate courses, University of Mumbai, 2007.
7. Subject Expert for Biotechnology, at Birla College Kalyan, January 2008.
8. Subject Expert for Zoology at ICLES' Motilal Jhunjhunwala College, Vashi, April 2008.
9. Subject Expert on selection committee for career Advancement at Birla College of Arts, Science and Commerce, Kalyan, in January, 2010.
10. Subject expert on selection committee for the post of Principal at Gramin Shikshan Sanstha's Arts, Commerce and Science College, Thane.
11. Examiner to conduct the Viva for M.Sc. Zoology at M.S. University Baroda for March / April, 2010.
12. Subject expert on selection committee in Pendharkar College, Dombivili on 27<sup>th</sup> October 2010.
13. Vice – Chancellor's nominee on selection committee for Principal, Lectures & Librarian, in Mumbra College of Arts & Commerce (Night) on 24<sup>th</sup> November 2010.
14. Examiner to conduct the Ph.D. viva of Mr. Avinash Vanjaree at University of Pune on 15<sup>th</sup> April 2011.
15. Preparation for NAAC (Mock Committee), lecture at Adarsh College, Badlapur, June 2011.
16. Preparation for NAAC (Mock Committee), lecture at Maharshi Dayanand College, Parel, October 2011.
17. Nominee on the selection committee for selecting candidate for appointment of Principal, Lectures & Librarian at Maharshi Dayanand College, Parel, in February 2011.
18. Nominee on the selection committee for selecting candidate for appointment of Principal, Lectures & Librarian at Mumbra College, Mumbra, in March 2011.
19. Member of LIC Committee visit for open new colleges.
20. L. I. C. Member for autonomy at K.J. Somaiya College, Vidyavihar, Mumbai, in 20<sup>th</sup> January 2012.

21. University Nominee on the Selection Panel for recommending teachers for the UGC Faculty Development Programme for completion of Ph.D. in St. Xavier's College, in February 2012.
22. Member of Committee to scrutinize the proposal for confirmation of Autonomous Status to the University Department of Physics.
23. Subject Expert on Screening Cum Evaluation Committee for promotion of Assistant Professor under Career Advancement Scheme (CAS) at Birla College of Arts, Science and Commerce, Kalyan, in 10<sup>th</sup> January, 2014.
24. Nominee on the selection committee for selecting candidate for appointment of Professor, Associate Professor and Assistant Professor in Chemistry at Fort, Mumbai in 21<sup>st</sup> to 23<sup>rd</sup> February 2014
25. L. I. C. Member for extension of affiliation at Sonopant Dandekar Arts, V.S. Apte Commerce and M.H.Mehta College, Palghar, on 10<sup>th</sup> February 2014.
26. Vice – Chancellor's nominee to scrutinize the applications received for the post of Principal of KME Society's G.M. Momin Women's College on 26<sup>th</sup> March 2014.
27. Vice – Chancellor's nominee on Selection Committee for the post of Principal of KME Society's G.M. Momin Women's College on 29<sup>th</sup> March 2014.
28. Subject Expert on Screening Cum Evaluation Committee for promotion of Assistant Professor under Career Advancement Scheme (CAS) at The D.G.Ruparel College of Arts, Science and Commerce, Matunga, in 21<sup>st</sup> April, 2014.
29. Vice – Chancellor nominee on Selection Committee to Interview for post of Principal of KME's G.M.Momin Women's College on 10<sup>th</sup> April 2014.
30. Subject Expert on Screening Cum Evaluation Committee for CAS of Assistant Professors in D.G.Ruparel College on 21<sup>st</sup> April 2014.
31. Vice – Chancellor nominee on selection Committee to interview for post of Principal of Dnyanasadhana College on 25<sup>th</sup> July 2014.
32. L. I. C. Member for increase intake capacity from 15 to 25 for Ph.D. (Science) degree in subject of Bioanalytical Sciences at Guru Nanak Khalsa College of Arts, Science & Commerce on 3<sup>rd</sup> July 2014.
33. Subject Guide on Interviews for the admission for the Ph.D. Registration in the Subject of Zoology / Environmental Science on 21<sup>st</sup> July 2014 in B.N.Bandodkar College of Science, Thane

34. Vice – Chancellor nominee, Subject Expert on Screening Cum Evaluation Committee for Career Advancement in the subject of Zoology in Kirti M. Donngurse College, Dadae on 13<sup>th</sup> October 2014.
35. Vice – Chancellor nominee, Subject Expert on selection committees to be constituted by the Chembur Trombay Education Society's N.G.Acharya & D.K.Marathe College of Arts, Science & Commerce for appointment to the post of Principal.
36. Vice – Chancellor nominee, Subject Expert on selection committees for the appointment to the post of Principal in Gokhale Education Society's Arts, Commerce and Science College on 13<sup>th</sup> January 2015.
37. Examiner to conduct the Ph.D. viva of Mrs. Bhagwat Alaka at Yashwantrao Chavan Maharashtra Open University, Nashik on 11<sup>th</sup> February 2015.
38. Vice – Chancellor nominee, member of selection committees for the appointment to the post of Principal in B.N.N. College, Bhiwandi on 23<sup>rd</sup> March 2015.
39. Selection Committee to Interview for post of Zoology, Physics, Mathematics, Economics, BSc IT subjects of KME's G.M.Momin Women's College on 06<sup>th</sup> July 2015.
40. Vice – Chancellor nominee, on selection committee panel for conduct of interviews for the post of Assistant Professor in different subject in K.J.Somiya College at 01st September to 04<sup>th</sup> September 2015.
41. Vice – Chancellor nominee for Selection committee constitutes for promotion of Associate Professors under CAS from Stage 4 to stage 5 in Janata Shikshan Mandal, Alibag on 14<sup>th</sup> October 2015.
42. Vice – Chancellor Nominee – Subject Expert for Selection committee and guided the Governing Body of Vidya Prasarak Mandal's, Kinhavali College for the selection of Principal interview held on Monday, 19<sup>th</sup> October 2015.
43. Vice – chancellor Nominee – Subject Expert for promotion from Associate Professor in Stage -4 to professor -5 under Career Advancement Scheme (CAS) as per 6<sup>th</sup> Pay commission in the subject of Zoology of Bhavan's College on 08<sup>th</sup> December 2015.
44. Vice – chancellor Nominee – Member on Committee for the Academic Audit in respect of Guru Nanak College of Arts, Science & Commerce on Wednesday, the 5<sup>th</sup> October, 2016.

45. L. I. C. Member for New Horizon Institute of Technology & Management , on 26<sup>th</sup> October, 2016.

### **Lectures Delivered**

1. Environment Education Today's Need, at HOPE workshop for parents, August 2004.
2. Water Management, organized by Rotary Club of Thane North End, Thane, October 2004.
3. Crime and Tionoday's youth, at Youthophoria, RYLA organized by Rotary Club of Thane, October, 2004.
4. Role of Women in Environment Conservation, at The Paper Products Ltd., Thane, March 2006.
5. 'House hold Waste and Composting,' organized by Vijay Nagari CO. OP. Housing Society Ltd., February 2005.
6. Environment and Indian Festivals, at Rotary Club of Panvel, September, 2009.
7. Environmental Study, at Gurukrupa College of Education and Research, Kalyan, July 2006.
8. How to select a Career, at the function organized by Rotary Club of Thane North End, July 2006.
9. Writing proposal for research, Dyanasadhana College, July 2006.
10. Eco-friendly Celebrations of Festivals, Inner Wheel Club of Panvel, August 2006.
11. Fun in Environment, uder the scheme of awareness about Science, Arranged by Rotary, Inner Wheel and Marathi Vidnyan Parishad, September, 2006.
12. Personality of Student, at Joshi-Bedekar College of Arts and Commerce, Thane, November 2006.
13. Preparation of IQAC Report, for teachers at Kirti College, November 2006.
14. Peoples Participation in Conservation of Environment, organized by British Council and Kirti College, August 2008.
15. Whose right to get the admissions? , for H. Sc. Students arranged by Rashtravadi Vidyarthi Congress, Thane, August 2008.
16. Thane creek Geography, Pollution and Climate Change, at Conservation Action Trust, Kanjurmarg, December, 2008.
17. "Household Waste Management And Biocomposting" at Guru Nanak College of Arts, Science and Commerce, Chembur on February 18, 2010.

18. “Many Species one planet, one future” in world Environment celebration Day at ACC, Thane on June 4, 2010.
19. “Role of Hariyali” at the programme of Jilha Nyaya Pradhikaran in Collectors office, Thane, on June 29, 2010.
20. “Functioning of Hariyali” in the inaugural session of visit of students to India from Auckland International College, Newzealand on July 03, 2010, in Patanjali sabhagruha.
21. Orientation lecture on re-accreditation process of NAAC in ICLE's Motilal Jhunjhunwala College, Vashi on 27<sup>th</sup> October 2010.
22. “Development and Evolution of Syllabus” in Refresher course in Biological Sciences [Entrepreneurial & Industrial Biology] on 30<sup>th</sup> October 2010 in Mithibai College
23. Orientation lecture in Somaiya College, Vidyavihar on 19<sup>th</sup> October 2011.
24. One day national symposium give lecture on “Emerging Trends in Life and Material Science : Mission Mankind” in Vaze Kelkar College on 25<sup>th</sup> January 2012.
25. “Career in Science” lecture in Janseva Shikshan Mandal's Arts, Commerce & Science College, Shivle on 31<sup>st</sup> July 2012.
26. “Personality Development and Leadership Training” lecture in B.N.Bandodkar College, Thane from 16<sup>th</sup> to 20<sup>th</sup> October 2012.
27. “From Here to where” lecture in Dr.V.N.BRIMS, Thane on 20<sup>th</sup> December 2013.
28. Personality Development and Leadership Training” lecture on “Power of Positive Thinking” in B.N.Bandodkar College, Thane on 06<sup>th</sup> July 2015.

**Articles published in local newspapers on various issues general and environment:**

- HOPE - a nature loving institution from Thane 1.1.1999
- A nature trail at Hariyali. 18.2.1999.
- Plastic carry bags and pollution 24.6.1999.
- Vatpornima - a new concept. 8.7.1999.
- An article entitled Vatpornima was published in Disha magazine 1.8.1999
- Radio talk on effect of pollution in Thane creek on the growth of crabs & prawns; World of insects ; Disposal of household garbage; our Lakes, Importance of Biodiversity.
- ‘Mazi Ghadan – Mazi Karmabhumi’ An article written in souvenir of Dr. Bedekar Vidya Mandir as being published for Golden Jubilee function, being alumni of the school.

- Radio talk on पर्यावरण.

### **Certificate of Honour**

1. Was given a certificate of honour by PWD, Thane on the Occasion of International Women Day on March 08, 2010.
2. Honored as “Bal Sahitya Mitra” by Nyayik Ladha Patrakar Seva Sanstha on 8<sup>th</sup> January 2011.
3. Honored as “Paryavran Purskar” by Bharatmata Bahuuddeshiya Sanstha, Naldurg on 26<sup>th</sup> September 2011.

### **Guided the Students for science Project**

1. Role of Butterfly Garden in Eco Tourism”.

**Active participation in activities of Hariyali** - a NGO from Thane, jointly working in collaboration with Forest Department, in the field of conservation of water, plantation and nature education, activities undertaken are such as - About 5 lakes are constructed in Yeoor hills for conservation of water. More than 1,00,000 plants are planted in the period of 8 years. Many nature trails, nature education programs were conducted for public awareness. Water analysis, study of succession of species, check listing of birds and insects, Conservation & Beautification of city lakes from Thane are some of the projects taken up was the Parikrama of Tanasa river to find out water condition of the river. Recent project taken up was Mahabijaropan Megaseedsowing from Thane till Dhule on either side of National high way.

**Active participation in the activities of HOPE** - a NGO from Thane working in the field of Nature awareness, education and conservation, activities undertaken are such as - Nature park constructed in collaboration with Thane Municipal Corporation, organization of school nature clubs, mangrove plantation, studying biodiversity of mangrove ecosystem.

**Active participation in the work of HOPE Nature Trust** - Work as one of the Trustee of HOPE Nature Trust. The work done is in Wada Taluka in the villages like Chandoli, Khaire Ambivili and Gavitpada. The work is with holiastic approach for the upliftment of the villagers. Completed one check dam, a rank and water recycling system with roof water harvesting.

**Active participation in the activities of Jidnyasa Vidyan Manch** - Guiding the students for science projects, work as examiner, project coordinator, Conduction of National Children Science Congress, teachers workshop, Naturetrails.