

Profile  
**Dr. Snehal Donde**

## Curriculum Vitae



**Name in Full** : Dr. (Mrs) Snehal Subhash Donde

**Date of Birth** : 9<sup>th</sup> April, 1967

**Marital Status** : Married

**Nationality** : Indian

**Qualifications** : M.Sc. PhD (Zoology), P.G.D.E.M, MBA (HR), MEM, PhD (Management Studies)

**Experience** : 30 years (Teaching, Research and Administration)

**Designation** : Dean Administrative affairs, Bhaktivedanta Research Centre, UoM, Mumbai

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Website: <http://drsnehal.com/mywork.html>,

### ACADEMIC RECORD:

| Course & Year of passing                    | College & University                                  | Subject/s                   | % of marks obtained | Division /Grade                                    |
|---------------------------------------------|-------------------------------------------------------|-----------------------------|---------------------|----------------------------------------------------|
| <b>B.Sc.</b><br>(May-1987)                  | CHM College, Ulhasnagar,<br>Mumbai University         | Zoology; Fishery<br>Biology | 72                  | 1 <sup>st</sup> Class with<br>distinction          |
| <b>M.Sc.</b><br>(May-1989)                  | BNN College, Bhiwandi,<br>Mumbai University           | Marine Zoology              | 61.00               | 1 <sup>st</sup> Class                              |
| <b>Ph.D. in<br/>Science</b><br>(March 2002) | Somaiya College, Vidyavihar,<br>Mumbai University     | Zoology                     | ---                 | ---                                                |
| <b>P.G.D.E.M.</b><br>(June- 2004)           | Jankidevi Bajaj Institute,<br>SNDT Women's University | Education<br>Management     | 74.33               | 1 <sup>st</sup> Class 1 <sup>st</sup><br>Rank & A+ |

|                                                                               |                                                                                   |                                                   |       |                                                                                       |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------|-------|---------------------------------------------------------------------------------------|
| <b>M. B. A. (HR)</b><br>(Sept, 1999)                                          | College of Management<br>Mumbai. ICME.                                            | Application of<br>MIS in Academic<br>Institutions | ---   | ---                                                                                   |
| <b>MEM</b><br>(July, 2013)                                                    | Jankidevi Bajaj Institute,<br>SNDT Women's University                             | Education<br>Management                           | 70.20 | 1 <sup>st</sup> Class/<br>A Grade                                                     |
| <b>PhD in Arts</b><br>(Oct, 2017)                                             | Lala Lajpat Institute of<br>Management, Mumbai<br>University of Mumbai            | Management<br>Studies                             | ----- | ----                                                                                  |
| <b>Fulbright SIR</b><br>Aug, 10 <sup>th</sup> to Dec<br>15 <sup>th</sup> 2024 | Institute of International<br>Education (IIE), City<br>University of New York, US | Environmental<br>Science and<br>Sustainability    |       | Successfully<br>completed                                                             |
| <b>Post Doctoral<br/>Fellowship</b>                                           | Department of Science and<br>Technology, Delhi                                    | Life Sciences                                     |       | Submitted in<br>10 <sup>th</sup> Oct, 2024<br>& Accepted<br>20 <sup>th</sup> Jan 2025 |

- PhD thesis in Zoology entitled "**Studies on effect of crude oil on a marine clam**".
- **Post Graduate Diploma in Education Management** dissertation title "A Study on the perception of degree college teachers towards Regulations of Fifth Pay commission".
- MBA dissertation title "**Application of Management Information System in Academic Institutions**".
- **Masters in Education Management dissertation title** "UGC Regulations, 2010 of Minimum Qualifications and Measures for Maintenance of Standards in Higher Education- A practitioner perspective".
- **PhD thesis in Management studies entitled** "A study of API regulations of UGC in context to capacity building and performance management of teachers for organizational effectiveness"
- **PhD in Philosophy topic for approval** "Environmental philosophical study of Ganges plains with particular reference to Panihati region (WB) and its impact on the Vaishnava culture".
- **Fulbright-SIR study on the concept** "empirical research with the focus on engaging students and faculty to foster the sense of community and collective responsibility for wastewater treatment and river rejuvenation: Study proposed for equity sustainability and peace".
- **Post Doctoral Fellowship, Department of Science and Technology** research proposal entitled "Assessing the efficacy of wastewater treatment plants and the impact of untreated and partially treated wastewater on river and lake ecosystems", in different climatic zones.

**CAREER RECORD:**

| Sr. No. | Designation                                      | Place                                                                                                                                       | Duration                                                                                                                                                                                                                                                                                       |
|---------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Assistant Teacher in N.E.S English Medium School | Bhiwandi, Thane                                                                                                                             | 11-06-90 to 31-05-91                                                                                                                                                                                                                                                                           |
| 2       | Teacher in Biology                               | Junior college, B.N.N College Of Arts, Science & Commerce, Bhiwandi, Taluka: Kalyan, District : Thane                                       | 21-08-90 to 20-04-92<br>Pay Scale 1400-40-1600-50-2300-60-2600 pay drawn was 2200/-                                                                                                                                                                                                            |
| 3       | Lecturer In Zoology                              | L.U & M.V College, Andheri, Mumbai 400069                                                                                                   | 10 <sup>th</sup> July 1993 to 31 <sup>st</sup> July 2006. Univ. Approval. No. CONCOL/SA/2088 of 93, 4275 of 95, 1173 of 97 and 5074 of 2004. Last pay drawn on 31/07/ 06 was at Pay scale Rs 8000-275-13500 & 11,300/- + DP 5650/-                                                             |
| 4       | PG recognized teacher& Guide                     | Recognized teacher of University of Mumbai for M.Sc. degree in Zoology by papers and Research                                               | 28 <sup>th</sup> January, 2005 onwards by University Approved No. PG/2/545 of 2005 dated 17th February, 2005                                                                                                                                                                                   |
| 5       | Visiting Faculty & Research guide                | Jankidevi Bajaj Institute of Management Studies, Juhu, SNDT Women's University                                                              | September, 2005 to 2009                                                                                                                                                                                                                                                                        |
| 6       | Principal                                        | Durgadevi Saraf Junior college, S.V. Road, Malad (W), Mumbai 400064                                                                         | 1 <sup>st</sup> August, 2006 to 30 <sup>th</sup> April, 2007<br>No. A-13/SUS/UMV/06/72, dated 16/10/2006                                                                                                                                                                                       |
| 7       | Principal & H.O.D                                | Ghanshayamdas Saraf College, S.V. Road, Malad (W), Mumbai 400064. (Reader Grade)                                                            | 1 <sup>st</sup> August, 2006 to 30 <sup>th</sup> April, 2007<br>Univ. Approval. No. CONCOL/SA/5138 of 2006 dated 28 <sup>th</sup> Sept, 2006 Last pay drawn on 30/4/07 was in Pay scale 12000-420-18300 was 12840/- + DP 6420/-                                                                |
| 8       | Principal                                        | Hind Seva Parisad's Public Night Degree College, Aaram Society, Hind Nagar, Vakola Market, Santacruz (E), Mumbai-400 055. (Professor Grade) | 30 <sup>th</sup> April, 2007 (AN) to 28th February, 2014<br>University approval No. CONCOL/SA/2706 of 2007 dated 29 <sup>th</sup> June, 2007.<br>Pay Band 37400-67000- AGP 10000<br>Special allowance 2000<br>Basic Pay- 52,250 + 10000<br>DA -90%- 56,025, HRA 30%- 18675, CLA- 300, TA- 1600 |
| 9       | Field Coordinator, DACEE                         | Department of Adult Continuing Education and Extension programme, University of Mumbai.                                                     | June, 2005 to September, 2008                                                                                                                                                                                                                                                                  |
| 10      | Hon. Reg. Director, & Hon. Faculty Member        | College of management, Pune.                                                                                                                | 1 <sup>st</sup> February, 2007 to November, 2008                                                                                                                                                                                                                                               |

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|----|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11 | Hon. Joint Director & Hon. Faculty Member      | College of Management, Pune & Nashik                                                                                                                                   | November, 2008 to 2011                                                                                                                                                                                                                  |
| 12 | PhD recognized Guide for Education             | University of Mumbai                                                                                                                                                   | 13 <sup>th</sup> April, 2009 onwards<br>No. PG/2/1925 of 2009, Mumbai-32 dated 7 <sup>th</sup> May, 2009                                                                                                                                |
| 13 | Recognized M Phil Guide (Zoology)              | Yashwantrao Chavan Maharashtra Open University                                                                                                                         | March 2010 onwards,<br>ASD/Ph.D./BUTR-SCT/2010/1567                                                                                                                                                                                     |
| 14 | Faculty and Guide in MA (education)            | Dept of DE, SNDT University                                                                                                                                            | Jan 2009-2011                                                                                                                                                                                                                           |
| 15 | Course Instructor for Education Technology     | BITs Pilani for MS in Education System Management course                                                                                                               | 2009-2011                                                                                                                                                                                                                               |
| 16 | PhD recognized guide for Zoology and Education | JJT University, Rajasthan vide JJT ordinance no 1.2                                                                                                                    | JJT/2K9/Sc./0275 dated 20/7/2011                                                                                                                                                                                                        |
| 17 | PhD recognized Guide for Zoology               | University of Mumbai                                                                                                                                                   | 2 <sup>nd</sup> May, 2012 onwards<br>No. PG/2/I.C.D/2012-13/573, Mumbai-32 dated 11 <sup>th</sup> June, 2012                                                                                                                            |
| 18 | PhD recognized guide and Supervisor in Zoology | Part Time External PhD programme under faculty of Life Science at Academy of Maritime Education and Training (AMET) University, Chennai                                | AMET/PhD/EXT-GUIDE/183/2013 dated 05/07/2013 Email: amet@vsnl.com <a href="http://www.ametuniv.ac.in">www.ametuniv.ac.in</a>                                                                                                            |
| 19 | Principal                                      | Wada College of Management and Science, Wada, Dist Palghar (Professor Grade)                                                                                           | From 1 <sup>st</sup> Oct, 2014 to 10 <sup>th</sup> June, 2016. In Self Financed Mumbai University affiliated college, Pay scale as per UGC                                                                                              |
| 20 | Principal                                      | Shree Halari Visa Oswal College of Commerce, Bhiwandi, Thane (Professor Grade)<br>College Name changed from Nov, 2019 to Manasi Bharat Gada Degree College of Commerce | From 11th June, 2016 to 13 <sup>th</sup> June 2021. University of Mumbai affiliated college as per UGC norms. Pay Band 37400-67000- AGP 10000, Basic pay 77000. Since Jan, 2016 UGC Seventh Pay Scale (Approx. 3 Lakh/ per month Gross) |
| 21 | NAAC Accessor                                  | NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL                                                                                                                          | 27 <sup>th</sup> Jan 2021 onwards                                                                                                                                                                                                       |
| 21 | Co-Director                                    | Bhaktivedanta Vidyapeeth Research Centre, GEV, ISKCON                                                                                                                  | From June 2017 to Jan 2018                                                                                                                                                                                                              |
| 22 | Hon. Chief Research Officer                    | Goverdhan Ecovillage, Manor, Hamrapur, Palghar                                                                                                                         | From March 2015 onwards                                                                                                                                                                                                                 |

|    |                                                            |                                                                                                                |                                                                                          |
|----|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 23 | Hon. Jalnayak,<br>Mumbai region<br>(Community<br>services) | Water resource<br>department, YASHADA<br>(Gr no. walmi-<br>2016/pk69/16<br>lakshevi(astha) dated<br>30/11/2016 | Govt letter Sr. no t-<br>5/Jalshi/jalnayak/284/05/17 dated<br>05/5/2017                  |
| 24 | PhD recognized<br>guide in<br>Management                   | JJT University, Rajasthan<br>vide JJT ordinance no 1.2                                                         | JJT/2K9/CMG/1073 dated 10/2/2018<br>Ref JJTU/R&D/GRL4794                                 |
| 25 | Dean<br>Administrative<br>Affair                           | Bhaktivedanta Vidyapith<br>Research Centre for PhD<br>research affiliated to UoM<br>at GEV, Galtare, Palghar   | From Jan, 2018 onwards                                                                   |
| 26 | DST's WISE-<br>Post Doctoral<br>Fellowship<br>(WISE-PDF)   | International Symbiosis<br>University Pune Climate<br>Change and sustainability<br>Dept                        | Accepted Project Ref No. DST/WISE-<br>PDF/LS-223/2024 in Life Science<br>Dated 20/1/2025 |

## PROFESSIONAL DEVELOPMENT:

### NAAC Assessor as Member

- MLA Academy of Higher Learning, Bangalore, Karnataka from 27/01/2021 to 28/01/2021
- Jain Kanya Pathshala (p.g.) College Uttar Pradesh from 03/09/2021 to 04/09/2021.
- Dr M P S Memorial College of Business Studies, Agra from 23/03/2022 to 24/03/2022.
- Govt. Danteshwari PG Mahila Mahavidyalaya Jagdalpur, Bastar, Chhattisgarh as member from 04/05/2022 to 05/05/2022.
- New Prince Shri Bhavani Arts and Science College, Chennai from 25/05/2022 to 26/05/2022.
- Indraprastha College for Women, Delhi as Member from 23/06/2022 to 24/06/2022.
- Nehru Arts and Science College, Coimbatore 11-12<sup>th</sup> March, 2023
- Govt. Girls PG College Ujjain 15-16 June 2023
- Rajkiya Mahia Snatkottar Mahavidyalaya Gazipur 7-8 August 2023
- Bhawanipur Education Society College Kolkata 4-5 Jan 2024
- Purbashtali college, Parulia, West Bengal 25-26 June, 2024
- Asansol Womens College, Burdhaman, West Bengal, 28-29 Aug, 2024

### Participation in Grants, Administrative and Leadership trainings:

- **Fulbright Scholar-in-Residence grant program** organized by Fulbright Foreign Scholarship Board and The Bureau of Education and Cultural Affairs of the United States Department of State. Conducted research and teaching from 15<sup>th</sup> August to 15<sup>th</sup> Dec, 2023
- **Leadership for Academician Programme (LEAP)** sponsored by MHRD, training held at

UGC HRD Centre Jamia Milia Islamia University, Delhi and Virginia University, Charlottesville, US. Thrust area of programme: leadership in Higher Education for quality upgradation 10<sup>th</sup> -30<sup>th</sup> March, 2019. Rated highly by DISC assessment. (for potential VC training)

- **Professional Development programme** at Xavier's College conducted by UGC academic staff college, UoM. Thrust area of programme: develop acumen for corporate governance. 13<sup>th</sup> to 15<sup>th</sup> Feb, 2012.
- **Executive development Programme** conducted for college Principals organized by Association of Indian college Principals (AICP) at Pune University. The thrust area of programme: **strengthening the educational leadership**. December 4th –9th, 2006.

***Teaching, administration and Research Experiences:***

- 2 years **teaching experience in Junior college (1990-92)**
- 26 years **teaching experience in Degree College** at UG level and 16 years of PG teaching (Biodiversity& Oceanography in Science, Education Management in Arts, and M.Com ) in Mumbai University affiliated colleges and 10 years as Resource person/Course instructor at SNDT and BIT's for Masters and Diploma programmes
- 14 years of **administrative experience** exclusively as a Principal of Degree college, 12 years on various degree college administrative committees, 5 years as Field Coordinator, Dept of Adult Continuation Education and Extension and as a member of various committees of University of Mumbai
- 3 years as Dean Administrative affair of Bhaktivedanta Research Centre, ISKCON for PhD programme in Philosophy (Vaishnavism), conducting close door conferences and R&D, and participated in Curriculum development for De-Novo Deemed University and created Natural Resource Management syllabus with uniqueness.
- **Member of curriculum designing and syllabus upgradation**, for Board of Studies in Zoology, 2004 onwards
- **Convenor for MoU between BoS Zoology University of Mumbai and Central Institutes** (NIO, Goa, Institute of Science, Mumbai, BARC, CIFE). year 2003-04. Incharge for Palghar unit of Sindhu Swadhyay Sanstha (SSS), independent fisheries department being created
- **Mumbai University Examiner, Paper setter** for Theory and practical UG & PG University Examination in Zoology- 2001 Till date
- **Maharashtra Public Service Commission (MPSC) Examiner for Zoology subject, 2007 onwards**

- **ICAI CA Orientation programmes** -Registered faculty 2017 onwards
- Published 10 books, 6 from international & 4 from national level publisher, 60 research papers published in various journals of national and international repute, 5 Chapters written and published in books of international repute, presented papers in more than 30 conferences.
- Extension Programme officer for 9 years, did **NSS Orientation Programme, 2 Refresher Courses** and PGDEM course equivalent to 2 Refresher Course, year 1995- 2004
- **Trained** for school assessment and accreditation **by Quality Council of India, NABET**, year 2002
- **SNDT University Examiner and visiting faculty (dissertation and Paper)** for Education Management from 2004 onwards and MA in Education in 2010-11
- **3 Minor Research Project & 7 Major projects successfully completed**
- **9 students awarded PhD degree and Guiding 2 PhD students** in Education and **1 in Zoology** in Mumbai University,
- **Guided several students of Post graduate diploma students in Education Management** for dissertation research work at Jankidevi Bajaj Institute of Management Studies, SNDT Women's University
- **Guided 5 and evaluated** dissertation research work of **MA in Education** course at Distant Education dept, SNDT Women's University, Mumbai
- **Guided 2 MBA in YCMOU & 6 EMBA (Human relations) aspirants** for Dissertation work at College of Management, ICME, Pune.
- **Course Instructor & written course material for Education Technology in M S Education System Management programme**, Birla Institute of Technology and Science, Pilani
- **Designed and implemented soft skill programme** at UG level for Degree college students which is approved by NAAC peer team
- **Designed and conducted various Personality Development and Soft Skill** courses for school and college students
- **Editor of three Research journals**
- **Hon. Secretary & Chief Editor of ANG C (Association of Non-Government college Principals)** – Publish bulletin and Train and update authorities/officers, college principals and faculties with GR, circulars and notifications of Government, University and UGC along with creating awareness regarding Governance and leadership, credit system, RTI etc.

- **Participated in debate and drafting of Colombo declaration for submission to UN, during international conference at Srilanka in August, 2012.**
- **Successfully completed Nature awareness programme Project “Conservation of Biodiversity of Bhatsa River near Khadavli village in Kalyan Taluka with local public participation”** sponsored by Ministry of environment and Forest, Government of India. Nov, 2013- March, 2014
- **Organized National conferences** (At BSE, GEV, Thakur college in Mumbai and Andaman) **and International Conference** (Mauritius, Alkesh Modi and GEV in Mumbai) on water crisis, climate change issues and Vaishnavism. GEV conference sponsored by NEERI
- **Organized National level Multidisciplinary Conference on Library Science and information, Commerce and Management and Environmental sustainability** on March, 2018 at Shri Halari Visa Oswal college Bhiwandi (MS).
- Organized workshops and participated in debate and drafting of declaration for Aviral Ganga for submission to Prime Minister and President office. Also conducting research on Kamvari river in Bhiwandi for its rejuvenation.
- Syllabus designed for Interdisciplinary Degree course on “River Rejuvenation and Water Management” for Autonomous college. Adopted by Thakur college of Science and Commerce on 19<sup>th</sup> Sept, 2019.
- Organized one day State level workshop on Intellectual Property Rights in India: Patents, Trademarks and copyrights on 27<sup>th</sup> April, 2020
- Organized National Level webinar on Upskilling Librarians for New Generation Learners” on 29<sup>th</sup> April, 2020.
- Organized State level Zoom webinar on Potentials of Rain Water Harvesting as alternative to water scarcity” on 30<sup>th</sup> April, 2020.
- Organized a National level webinar on “Cyber Crime during Corona Virus era: Prevention and Protection” on 6th May, 2020
- Organized a National level webinar in collaboration with University of Mumbai on \*Combating risk of COVID 19 Pandemic on Human Psychological Health and Immune system by YOGA and SPIRITUAL Counselling Practices on 8<sup>th</sup> May, 2020
- Organized an International Zoom Conference on “Corona Pandemic lockdown: A blessing in disguise for restoration of religious sentiments of Ganga & Yamuna rivers and sustainability on 17<sup>th</sup> May, 2020.

- Organized a National level zoom seminar on “Research Methodology” in collaboration with Watumal Sadhubella College on 21<sup>st</sup> May, 2020
- Organizing regularly Zoom meetings for **UG & PG colleges students and faculties under Unnat Bharat Abhiyan and Community oriented research participation** and IITB students for capacity building and technological innovations for Forest, land cover and water bodies with river basin approach as a priority to combat global crisis. June 2020 onwards
- **Taught Environmental Health Science in pathway program in Bronx Community College**, City University of New York, US from 15<sup>th</sup> Aug to 15 Dec, 2023
- **Conducted Seminar & orientation for Fulbright Outreach Lecturing Fund** program at Farmingdale State College New York US Nov 18-19, 2023
- **Conducted Seminar & orientation for Fulbright Outreach Lecturing Fund program** at Nassau Community College, State University of New York US Nov 29-30, 2023
- **Contributed in Public Health Seminar organized by Cleveland Council on World Affairs (CCWA) Fall 2023 Cleveland Fulbright Scholar Enrichment Seminar**, at Cleveland, Ohio US. Seminar explored health disparities and the social determinants of health through a lens of education and community engagement. 5-8 Dec, 2023

#### **UNIVERSITY TRAINING COURSES CONDUCTED FOR TEACHERS & RESEARCHERS:**

- 1- Regularly invited by HRD UGC Academic Staff College, UoM as resource person for Orientation programme to conduct sessions on use of RTI for effectiveness in HE, Management and Water crisis issues etc in the year 2014, 2016, 2017, 2018, 2019
- 2- Invited as Resource person Refresher Course by Marathi Department of University of Mumbai and UGC Academic Staff College to conduct workshop on UGC’s new regulation of Academic Performance Indicators, year 2014
- 3- Conducted session during Refresher Course in Kolkata University on Disaster Management related to River erosion, Dec, 2018
- 4- Conducted session during Refresher Course in Tripura Central University on Gandhiji’s vision of Higher Education and present academic standards, Jan, 2019
- 5- Conducted Career Advancement Scheme training workshop for SNDT and University of Mumbai colleges, year 2014
- 6- Invited by Dept of education to conduct PhD Course work in Education, year 2013, 2014
- 7- **Regularly conduct Workshops, Training** programme and seminars for imparting training to faculties and authorities in policy reforms by UGC, KPI, API, CAS use of RTI in effectiveness of Higher education system, Research work & projects and NAAC

preparations in various affiliated colleges, University conducted colleges of UoM and SNTD- year 2011 onwards

- 8- **Faculty skill enhancement programmes** conducted for teachers for KG to PG to train them for new trends in education and professional development, year 2016 onwards for Municipal corporation schools and Degree colleges
- 9- **Faculty Development Programme conducted** to train teachers for NAAC assessment process in collaboration with Maharashtra IQAC cluster group at Oswal College, for ensuring the quality of the deliverables to meet the UGC & NAAC requirements. year 2018
- 10- Invited as resource person to conduct a session on ‘Understanding health of water bodies and environment for sustainable action’ during **Faculty Induction Programme in Jamia Milia Islamia University Delhi** organized by UGC Human Resource Centre held on 26<sup>th</sup> Oct, 2020.
- 11- Invited as speaker by **2024 Global Alliance for Rapid Diagnostics (GARD) forum**, Michigan State University, Michigan, US to talk on ‘Understanding imperatives of sewage science for public health and sanitation’ based on theme ‘Sustainable health initiatives (SHI) –Human, Animal/ Food and environment in alignment with SDGs’, in a virtual event on 16<sup>th</sup> March, 2024 for Bridging technologies and market needs.
- 12- Invited speaker by **World of Water (WoW)- Action Forum**, International Centre for Clean Water, IIT Madras Research Park, Chennai, to speak on ‘Understanding current status of wastewater management and degradation process for specific sustainable solution to rural and urban waste recycling, sanitation and river water quality improvement’ 18<sup>th</sup> April 2024
- 13- Invited as **Keynote Speaker for the 18<sup>th</sup> World Congress on Engineering Asset Management hosted by IIT Kanpur** on 25<sup>th</sup> Oct, 2024 to present on “Assessing the efficacy of Wastewater Treatment Plants based on science of sewage degradation and conventional STP design, for its reorientation” at New Delhi at Constitutional Club of India organized from 23-25<sup>th</sup> Oct 2024.

#### COURSES & SUBJECTS TAUGHT:

| UG & PG level in Zoology & Commerce and CA Programmes | PG & PhD course in Education |
|-------------------------------------------------------|------------------------------|
| Biochemistry                                          | Education as a System & RTE  |
| Environmental biology                                 | Education reforms and policy |
| Fishery                                               | Restructuring Curriculum     |
| Entomology                                            | Quality in education         |
| Physiology                                            | Planned Change in education  |
| Ecology                                               | University Governance        |

|                                                          |                                               |
|----------------------------------------------------------|-----------------------------------------------|
| Ethology                                                 | Grading System                                |
| Biotechnology                                            | Teaching-learning Methodology                 |
| Enzymology                                               | UGC Regulation- monitoring and evaluation     |
| Foundation course (B.Com)                                | MIS in academic Institutions                  |
| Environmental studies (B.Com)                            | Education Technology                          |
| MHRM, HR Planning (BCA, TY B. Com, M. Com)               | Principals of Management and HRM              |
| Biological Oceanography (M.Sc.)                          | Data analysis and interpretation              |
| Project Management, Research methodology (BMS & B.Sc.IT) | Organization audit                            |
| Biodiversity and conservation practices                  | GATS and International policy planning        |
| Organization Behavior, Design and structure (MCom)       | Institution Accreditation & Ranking framework |
| Marketing Management (TYBCom)                            | Project based learning                        |
| CA Orientation presentation skills,                      | Inclusive education                           |
| Sewage Science & Public Health                           |                                               |

#### **ADMINISTRATIVE HIGHLIGHTS -exclusively as Head of Institution in Aided & Unaided institutions.**

Having rich and diversified experience of working in the Aided and Unaided colleges affiliated to University of Mumbai, with student strength of more than 7-8 thousand as well as with 500, college with One and Multi Faculty, day and night college, rural and city college and Girls' as well as coeducation. Worked in City and rural region both. Other details are given below:

**Principal of Ghanshayamdas Saraf Girls' College & Durgadevi Saraf junior college, S.V. Road, Malad (W), Mumbai 400064. Aided Institution- (1<sup>st</sup> August, 2006 - 30 April, 2007)**

- Initiated New certificate, diploma and Degree courses
- **Obtained UGC fund for Girl's hostel (2 crore), seed money for Travel & Tourism course (5 lacs) and for college development (11 Lacs).**
- **Encouraged sports activities in Girl's college and first time in college history a student won national championship in Kick boxing.**
- Amalgamation of Junior college with Degree college in year 2006
- Introduced system to monitor academic activities of Teaching and administration for Non-teaching staff.
- Systematized MIS
- Trained faculties for research work

**Principal, Hind Seva Parisad's Public Night Degree College, Aaram Society, Hind Nagar, Vakola Market, Santacruz (E), Mumbai-400055. Aided Institution (30<sup>th</sup> April, 2007 to 28<sup>th</sup> Feb, 2014)**

Though college was established in 1998 only one division of B.Com course with few regular staff existed at the time of joining, and students mainly from Dharavi slum enrolled, hence worked hard for long hours for:

- **Completed Grant-in Aid process of college for salary regularization** and all staff service book prepared
- Upgradation and modification of college infrastructure and facilities
- For proper maintenance of documents and records, did **office and library automation**
- **Established monitoring mechanism** for academic and administrative activities
- **NAAC assessment process initiated and successfully completed**
- **Permanent affiliation process of college successfully completed.**
- **Started new Self-financed courses- One Un-Aided B.Com division, M.Com (Accountancy and Business Management), B.Sc. IT, BMS, B.Com (FM)**
- **Introduced innovative certificate programmes on Soft skill development and Spoken English** for better academic result, grooming and employability of students
- **Started Scholarships/Free ships and approached various agency to avail financial aid for students**
- Prospectus and magazine work initiated for first time and published
- **Constituted Local Managing Council (LMC) and Governing Council (GC)** and meetings conducted at regular intervals and maintained minutes of meetings,
- **Regular** Teaching and non-teaching meetings conducted for clarity of work objectives and direction, training-grooming and review
- **Initiated various extension/community based activities and trained teachers and students** for NCC, NSS, ACEE, WDC, Nature club, health checkup camp, blood donation camp and career exhibitions and arranged campus interviews
- **Initiated effective formal student/faculty feedback and monitoring system**
- **Initiated and regularly organized Inter-Collegiate Student Council training workshop** to create awareness and all round development (physical, mental, corporate and community) of Student Council members of University of Mumbai affiliated colleges
- **Conducted RTI training workshops** for University and affiliated college authorities and degree college students for **creating responsibility and sense of accountability**
- **College Salary and Non-Salary Assessment process completed which was done for first time** after 12 years of establishment of college in 1998.

- Staffs encouraged for **professional development initiatives** such as enrolment in PhD, Orientation Programme, participation in various conferences and workshops
- **Curriculum enhancement** done through Industrial visits and encouraging survey-based learning

**Principal of Wada College of Management and Science, at Harusale, Post Wada, Dist. Palghar. Unaided institution (1<sup>st</sup> Oct, 2014 to 10<sup>th</sup> June, 2016).**

After Voluntary Retirement joined institution in rural region for understanding the rural students and college issues, being education planning and policy researcher. Have written to UGC for considering special privilege of scholarship/free-ship and 2f waiver for fund assistance to colleges in rural to create infrastructure facility and services for the underprivileged. Initiatives taken were:

- Systematization of administrative and operational procedures done
- Trained staff for use of innovative practices and practice e-governance.
- Organized National Conference on Food Water Energy Crisis and social awareness in collaboration with GEV, ISKCON at their venue, for resources sharing.
- Extension activities initiated by setting up NSS and LLL Unit and in collaboration with Gram Panchayats- blood donation camps organized, road making and creating other facilities, creating awareness of women/girl empowerment etc.
- Approached corporate houses to sponsor needy rural students for education
- Created awareness and trained staff to mobilize sponsorship funds to support education of needy students and create facilities
- NAAC Self Study report prepared and its process and college website developed
- New courses and new night college proposal submitted, completed the process and permission availed

**Principal, Shree Halari Visa Oswal College of Commerce, Mahavir Chawk, Anjurphata, Bhiwandi Taluka, Dist. Thane. Unaided institution (11<sup>th</sup> June 2016 – 14<sup>th</sup> June 2021)**

College was meagerly known to public at the time of joining and now it is NAAC (3-4<sup>th</sup> Nov, 2017) and ISO (17<sup>th</sup> Dec, 2018) certified and has a **unique identity** across India to be an only college as **registered member of World Water Council since year 2017 and participate actively and represent India on global forum to stop privatization of natural resource water and strategies for its conservation**. Since UGC promotes community services the college student and staff are leading campaign across Mumbai University colleges and in Maharashtra, for serious issues of water scarcity and rejuvenation of local Kamvari river in collaboration with Bhiwandi Corporation

and Thane Collector office. Bhiwandi is industrial hub and warehouses and all most all water bodies are polluted. Hence this initiative is taken as priority to sensitize young generation towards national crisis. National issue of Ganga erosion and sedimentation and rehabilitation are also being handled. Industry Academia linkage is established for students grooming. Continuously grooming students on various business and soft skills, motivating them to develop their entrepreneurial skills.

Other important work done are:

- Created all records and documents of college from the time of college establishment and till date
- Established Internal Quality Assurance Cell and successfully done NAAC and ISO certification
- Developed college Website
- Conducted Intercollegiate University Sports Tournaments
- Started NSS, DLLE, Nature Club activities
- Initiated Green environment activities and practices
- Introduced and successfully conducted CPT, IPCC, CA classes
- Started MSSDS skill development courses
- Visited National Skill Development Council office and established skill development Pradhan Mantri Kaushal Vikas Kendra in collaboration with EICI (Express International Council of India)- 2019, Three batches successfully trained
- College infrastructure and facilities created like Library, Canteen, conference room, principal and admin office, Auditorium, water facility, play-ground etc.
- Efforts taken to involve parents for college development and improve attendance of wards
- Worked with community for resolving water pollution, road repair and traffic control issues in Bhiwandi
- Started Intercollegiate “Dahanak” fest & College magazine “Darpan”
- Organized National conference on water crisis and Climate change, Biodiversity and Resource management respectively in BSE, Mumbai (7<sup>th</sup> jan, 2017) and Andaman (1<sup>st</sup> -3<sup>rd</sup> feb, 2017)
- Organized International conference at Mauritius in May, 2017, International conference on Vaishnavism 6<sup>th</sup> July, 2017 in Alkesh Dinesh Modi auditorium Kalina Campus, Mumbai University, Nexus International workshop on water crisis solutions with Vedic perspectives, at GEV, Palghar Mumbai in 27-29<sup>th</sup> Aug, 2017, National level Multidisciplinary conference on 3<sup>rd</sup> March, 2018
- Proposal sanctioned by NEERI funded 5 Lakhs for project and conference on water

crisis- August, 2017

- Proposal sanctioned by Bhiwandi Municipal Corporation and funding 5 Lakhs for Kamvari river rejuvenation project- Dec, 2018
- Encouraged, Guided and Trained college faculties for research work and jointly published research papers.
- New courses of regular & IDOL Mumbai University, IGNOU and YCMOU started
- Institutional Social responsibility activities initiated- Water conservation and river rejuvenation, Rain water harvesting, solid-waste management, mask distribution for dust pollution, anti-plastic campaign, road repair and traffic congestion
- In collaboration with Bhiwandi Municipal Corporation students are participating in effective functioning of Shelter homes, health and sanitation survey work, river and water bodies rejuvenation and education upgradation.
- Participated in World Social Forum & World Water Council meetings at Brazil & France and advocated for nomination of Indian NGO's and Other countries in forum for democratic representation to resolve global water crisis and forced migration. Year 2017 onwards
- Established Oswal International Rotract Club for students in Nov, 2019

#Continuously working for overall development of the teaching as well as the non-teaching staff by conducting detailed core competency mapping exercise, to enable each individual to understand one's own SWOT and various goals and guide them towards achieving it.

#Motivate teachers to adopt Learner Centered teaching methodologies for improving overall teaching and learning experience

# Training parents to make them more empathetic to the emotional needs as well as developing more tolerance to their child's career.

# Interviewing and training staff for various technical and functional subjects along with soft skills, time management and personal and professional development.

**Dean Administration, Bhaktivedanta Research Centre, Galtare, Taluka Wada, Dist. Palghar, Maharashtra 15<sup>th</sup> June 2018 onwards**

- Pioneered in setting up of Bhaktivedanta Vidyapith Research Centre ISKCON, GEV in affiliation with University of Mumbai (Ref no. BVIRC/2017-18/10 dated 3rd Aug, 2017) at Palghar district. For PhD research study in Vaishnavism
- Set up Library and administrative office and successfully completed LIC visits
- For growth and development various courses and tie-up being facilitated

- Pursuing Third PhD research work in Humanities & Social Sciences with the theme of “Hinduism and Ecology”, submitted proposal to University of Mumbai
- Part of Curriculum development team in subject of Natural Resource Management for establishing De-Novo University, Nov, 2019 onwards
- Pursuing for projects to avail Govt funding to set up incubation center and other rural development projects
- Infrastructure development and Established Library
- Mobilizing world class experts and faculties for curriculum development and transaction
- Organizing Close door conferences with top ranking Universities and colleges
- Student and faculty exchange programs facilitated
- Industry-academia linkages developed
- Collaborated for environmental projects with Organic Council, NEERI, YASHADA and other Jal Shakti authorities
- In collaboration with the nearby colleges and govt offices rural development projects and Vaitarna river rejuvenation projects initiated
- Invited by Secretariat of UN 2023 Water Conference to attend UN water conference to be held from 22 to 24 March 2023 with Registrant ID 5092 at UN Headquarter New York and conducted UN Conference Side event in Bronx Community College CUNY NY in association with International association of Advanced materials and Peoples World Commission for Drought and floods.

#### **Participation in University of Mumbai assignments-**

- **Vice-Chancellor’s nominee/Subject Expert on Selection Committees** constituted for selection of teachers in zoology, Librarian and Principal Appointments. 2006 onwards
- **VC nominee on Selection Committees** constituted for Career Advancement Scheme for teachers. Dec 2008 onwards
- **Convenor/member on Local Inquiry Committee** constituted for assessment towards Continuation/Extension/Permanent affiliations of affiliated colleges. January 2010 onwards
- **Convenor of Expert committee** for opening new college. Jan 2011 onwards
- **Coordinator of Board Of Studies Zoology** for Memorandum of Understanding (MoU) initiatives with various organizations for academic training, designing programmes and research collaborations
- As **Member of Student Welfare Department** of University of Mumbai participate in

decision for Financial Assistance towards student welfare programmes.

- **Member of Mumbai University Dakshata Committee** (Vigilance Committee) - 28<sup>th</sup> September to 31<sup>st</sup> December, 2012
- **Member of Minor Research Committee**, UoM to approve Minor research projects in Zoology- September, 2012
- **Co-convenor Oceanography syllabus review committee** for M.Sc. part II - Oct, 2012
- **Member of College Management on Selection committee constituted for interviewing and selecting the Principal** from 2007 onwards
- **Subject expert on Performance review committee for age extension in services to college teachers.** April, 2012 onwards
- **Convenor, Board of Studies Zoology, UoM** for collaborative initiatives for signing MoU between University of Mumbai and others organizations for capacity building of students and staff in academics and research activities.
- **Paper setter, Moderator and Examiner of UoM in MSc-II Biodiversity and Wild Life Conservation** from 2013-2015
- **Paper setter, Moderator and Examiner of UoM in Oceanography in MSc-II Zoology** from 2016 onwards
- Proposal prepared on behalf of Board of Studies Zoology for establishing Fisheries Institute under Sindhu Swadhyay Sanstha at Palghar region, University of Mumbai for grant of RUSA fund 2018
- Member of BoS Zoology for making TYBSc flexi syllabi, SYBSc electives and introducing projects in PG programmes 2018
- MSc Zoology Part II Examiner for Biotechnology Practical Examinations from Ac Year 2018-19 onwards

#### **ACTIVE PARTICIPATION IN PRINCIPAL ASSOCIATION (University of Mumbai)**

- Worked in capacity as Hon. Secretary, Association of Non-Government Colleges (ANGC)- 2008-2013
- Arranged Pre-Management Council, Academic Council and Senate meetings respectively of ANGC members on regular basis to discuss meeting agenda circulated by university time to time
- Conducted Seminars & Conferences to strategically decide to resolve various issues in

academics and administration in colleges and University in challenging scenario of Internationalization of Higher Education

- Organized Workshops & orientation meetings to create awareness and upgrade principals/administrators in Governance and leadership aspects
- Imparted training to faculties and staffs of various colleges of SNDT and UoM in Career Advancement Scheme (CAS) and Academic Performance Indicator (API)
- As a Chief Editor of ANGIC published quarterly bulletin to update stakeholders with UGC, Government, University circulars, notifications & GR's and by writing articles.

## **CONTRIBUTION IN EXTENSION PROGRAMMES**

- Worked as Field Co-coordinator for Extension projects of Department of Adult Continuation Education and Extension (DACEE), University of Mumbai conducted training sessions and evaluated projects. Year 2002- 2006
- Helped in designing new projects towards community services for implementation by University department. Year 2006
- Trained various B.Ed and other UoM Affiliated Degree colleges Extension Work Teachers and Student Managers for various projects (ITP, Career Projects, Annapurna projects) of Extension Programmes along with monitoring and evaluation of project work. Year 2003-2009.
- Organized University Annual festival 'Udaan'. Competitions of Community based Projects. Year 2003-2009
- Organizing blood donation, Thalassemia awareness, Tree plantation, organ donation awareness programmes, health check up and Eye check-up camps regularly. Since 2006 onwards
- As Chairperson of Shri Krishna Education and cultural trust have started day care center for Senior citizens and conducted "Will" making workshops. Since 2011
- For women empowerment started self-defense programmes and several courses including spa and beauty wellness and making them aware of various government schemes to avail funds for start-up and scholarships. Since 2016
- Sensitizing public for Cleanliness, health sanitation, water conservation and rain water harvesting in Wards and villages in Bhiwandi. Since 2016
- Active participation in State Government Organized Namami Chandrabhaga & other water literacy programmes and recharge and rejuvenation of water bodies, Year 2017
- Procured 1.5 Hecter land in Bhiwandi from Thane Forest department and did tree plantations for clean environment and rising the level of ground water table and

establishing Peace park. Since 2018

- Conducting survey and training for Gram Sevak and Gram Sarpanchs in Bhiwandi region as a rural development initiative. Year 2018 onwards
- Various activities related to women empowerment, health and sanitation, skill development water conservation and river rejuvenation and social library being conducted as an NGO named Shri Krishna Education and cultural Trust, since year 2011

### **Consultancy Services - (Year 2005 onwards):**

- **Chairperson, Shri Krishna Education and Cultural Trust (Reg E-360)-** Academic Advisor in various Educational/Management and Technology institutions & Conducting motivational seminars for schools and degree college NSS students. Providing free computer education to Senior citizens and provide computer facility to needy women under Women Empowerment Scheme. Assist in conflict resolution and training teachers across the schools of corporation, development and implementation of a formal appraisal system for the staff of institutes, optimize the usage of ICT in institutions. Engaging actively in Skill development, women empowerment, health and sanitation and Day Care Centre for Senior citizens, since year 2005. Since 2015 SKECT Women Water Warriors is pioneering in Water-feminism and river rejuvenation initiatives across the country and at World water council
- **As Chief Advisor & Consultant Hirwal Education Trust (Reg no. E -432)** at Mahad, Dist Raigad rural region. Initial role included Training staff to optimize the overall performance and improve brand image of institute and for NAAC preparation and accreditation. Working with the Management to design and implement highly interactive and result oriented soft skills training programmes, starting new colleges (Night college, Womens' College and MBA college) and new courses in Science and Commerce. Now working on improving the overall brand equity of the institution, as it is providing professional courses, by working on all categories of individuals associated with the organization and thus improve the institutions over all ranking and education standard, also prepare students for the corporate and the business world- (associated since April, 2018)
- **As Chief Research Officer** Goverdhan Eco village, Palghar conducting close door conferences of elite members of Universities (Yale, Stanford, Oxford, Havard, Indiana, Stockholm etc.) across the globe, about Hinduism and Ecology, Climate change, food water and waste management etc. since 2015
- **Assisted prospective School College managements for opening new colleges** by assisting

to prepare and submit proposals to various Universities and advice for selection of courses, staff training, marketing, publicity, effective and optimal utilization of infrastructure and facilities.

- **Work towards availing recognition for various courses** from YCMOU, IGNOU, PTU and KSOU and regularly send feedback to universities for improvement in curriculum.
- **Prepared and submitted Education management curriculum** to IGNOU for implementation year 2012.
- **Guide and train institutions for preparing proposals** to avail funds from various agencies, for NAAC assessment and recruitment, training & orientation of faculties as well as for submission of new course and faculty proposals.
- **Organized grand Education Summit** which included panel discussions by Vice Chancellors of various Universities on the sessions such as Higher education in 2020, Distance education and Public- Private Partnership (PPP models) year 2009.
- **Conduct Personality Development Programmes** for students and training sessions for teachers for effective teaching by use of technology. Since 2004
- **Impart training and orientation to colleges and University officers and authorities** in Career Advancement Scheme (CAS), Performance Based Appraisal System (PBAS), Academic Performance Index (API) and how to handle Right to information (RTI) applications in higher education. Since 2006
- **International Society for Krishna Consciousness (ISKCON)**, Goverdhan Ecovillage, Galtare, Palghar for Academics and environmental projects. 2014 onwards.
- **Kund rejuvenation work at Barsana, Vrindavan in Mathura District-** For water quality, waste water management, biodiversity and Eco village development at Goverdhan. 9<sup>th</sup> March, 2021 onwards
- **Municipal Corporations in Mumbai and Thane region, and in Grampanchayat areas in Maharashtra** for, River rejuvenation, waste management, Rain Water Harvesting & sewage treatment and storm watermanagement. 2020 onwards
- **Vaishnava Seva Dhaam Panihati in West Bengal** for revival of Vaishnavism for rejuvenation of ghats on bank of Ganga by organizing various activities and awareness programmes with School & colleges and coordinating with Govt. Heritage Department. Since 2019. Proposal submitted for Dandamahotsavtala and Gouranga Ghat, which is holy place of pastime of Lord Chaitanya Mahaprabhu, to be declared as Heritage site by West Bengal Heritage Commission. Feb, 2021. Proposal has been approved.
- Functional and operational Audit of STPs conducted in Indore Municipal Corporation and

Bangalore Water Resource Department on invitation for scientific inputs for reorientation and retrofit

## **CONTRIBUTION AS A SOCIAL ENGINEER / Environmentalist- (See A & B section)**

(A)

**Started Social Audit Group** and stopped illegal Excavation in Hillocks of Goregoan Dindoshi and construction activities at Goregoan, Mumbai (India). Since 2007

- **Regularly donate blood** and conduct blood donation camps, arrange health check-up camps in slums, organize Tree plantation campaigns, **Conduct Aids and organ donation awareness programmes**, Health and hygiene awareness programmes etc. at various places such as slums and colleges in city and rural areas in Mumbai, India. Since 2005
- **Train students and teachers of municipal schools and colleges for involvement in community services** and continue to sensitize stakeholders on social issues in Mumbai region. India. Since 2016
- **RTI activist (by aptly using Right to Information Act, 2005)- solved irregularities** in nearly 25 cases and application submitted to various places related to University and College administration, MHADA lottery and flat allotment, school management etc.
- Conducting regularly River rejuvenation initiatives, Forest, Soil science and Biodiversity awareness campaign/programmes at various locations along with **advising government departments** like irrigation, education, public health sanitation, waste management, since 2012
- **Founder of Shri Krishna Education and Cultural Trust (SKECT)** – Organizing health and water conservation camps in Tribal and remote places to support farmers and PESA villages, Impart employability skill and empowerment programmes to girl child and general public, Senior Day Care Centre and wellness programme. 2010 onwards
- **Sponsor 2 Girl child** since 2000 onwards
- **Arrange skill development programmes** regularly for house wives and drop outs. Spa & and beauty wellness programmes, Logistic sector 2015-2021
- **As Secretary & later Vice President of Maharashtra Underprivileged Teachers Association (MUPTA)** contributed in policy reforms and resolved issues of backward community students, teachers and non teaching staffs. Year 1999-2018
- **As Founder Chairperson established New Dindoshi Durga Puja Mandal** (estd. June 2015) at Goregoan to encourage cross cultural activities and provided platform for various activities for children, house wives and senior citizens and others to bring harmony and peace with integrity among public. Year 2015-2018.

**(B)**

**REGISTERED MEMBER OF WORLD WATER COUNCIL, JALBIRADARI (Dr Rajendra Singh, Waterman of India), Alliances for River & RECOGNIZED JALNAYAK & NATIONAL CONVENOR FOR AVIRAL GANGA MISSION, Core Member Indian Penninsular River Basin Council & Indian Himalayan River Basin Council - for Water Conservation & river rejuvenation activities leading in Maharashtra, Goa, Gujarat, Madhya Pradesh, Chhattisgarh, Odissa, Tripura and West Bengal. Advisory Council Member of Peoples World Commission for Droughts and Floods (PWCDF), HQ at Ulrika, Sweden.**

Since 1989 onwards carried out research projects on various aspects of marine as well as fresh water systems and also conducted nature awareness programmes funded by Ministry of Environment and Forest, NEERI and University of Mumbai.

- Conducted study on over-damming and suggested alternatives methods such as Rain Water Harvesting system. Conducted survey to study efficacy of GR related to RWH.
- Actively involved in social and environmental assessment of Ganga erosion and silting in river basins in Bihar and Bengal area.
- In Maharashtra Bhiwandi working towards rejuvenation of Kamvari River and other water bodies.
- Protecting the Water Fall/stream at Goregoan Dindoshi Hills along with its Biodiversity, against builders and following up with Forest department to built reservoir- 2007 onwards
- Convenor Ganga Sadbhawana Yatra for West Bengal and Tripura- Social, Scientific and environmental mapping of Ganga river 29<sup>th</sup> Dec, 2018 onwards
- Published more than 35 papers in journals of international and national repute
- Authored 05 books on related topics, 03 on effect of oil pollution on marine organisms, 01 on Agony of rivers (issues of over-damming, erosion and siltation, pollution), 01 on Pollution affect mangrove carbon sequestration
- Authored Chapters in five books on related to biodiversity of Bhatsa river and marine pollution
- Presented papers in International and National conferences regarding issues of over-damming, exploitation, pollution and rehabilitation pertaining to river system (US, Brazil, Mauritius, Thailand, Srilanka)
- Extensive study conducted on Bhatsa river which is not explored before and created a data bank
- Successfully completed projects on Bhatsa river and suggested mitigation measures for human interventions
- Conducted Nature awareness programme related to conservation of water in the vicinity

areas of river bhatsa by involving ashram shala, primary and secondary school students with involvement of NGO's and Water conservation department authorities

- Conducted survey of river involving UG and PG students of Bhiwandi colleges and created data bank of faunal diversity.
- Conducting survey of Rain water harvesting system installed by housing societies as an alternative measure to water crisis. Since 2017 onwards
- Invited by Water and Land Management Institute, Patna, Bihar to chair session in International conference on "Incessant Ganga" Feb 2017
- Was part of team member to conduct aerial survey of Ganga for silting issue organized by Bihar Government- Feb 2017
- Conducted extensive survey along with Jal Purush Dr Rajendra Singh ji from Malda to Murshidabad to explore the issues of community due to Ganga erosion and silting. March 2016 onwards
- Impact assessment of Farakka Barrage conducted by visiting nearby villages close to Bangladesh border along with Scientist from NEERI, ZSI and BSI- April, 2017
- Nominated Chief Coordinator by Jal Jan Jodo Abhiyan to conduct survey along with authorities of allied departments with regards to issues of Ganga. Since 2015
- Conducted study on River system and recommended water management system at Bhiwandi. Year 2017
- Invited as resource person and key note speaker at various forum to share views on various aspects of riverine system and pollution. Since 2013
- Extensive study conducted on fauna and flora diversity of Bhatsa riverine system. Year 2012
- Guiding PhD students for various topics on river system. Since 2010
- Conduct PG lectures to impart knowledge and information on various aspects of aquatic system
- Conducted studies on various small lakes in and around Bhiwandi for its fauna diversity
- Studied rehabilitation and displacement issues related to commissioning of Bhatsa dam
- Conducted comparative study of water supply and issues of reservoir
- Conducted study on impact of urbanization and industrialization on riverine system
- March 14-19<sup>th</sup> 2017 as Chief convenor organized a joint visit of BSI, ZSI and NEERI scientists to affected areas of Ganga erosion and siltation in Malda & Murshidabad districts in west Bengal to study and recommend government for resolving displacement issues. Meetings with GM Farakka Barrage, DM, ADM, BDO, SDO, MLA, MP Ex and current were organized to generate holistic opinions

- Invited by WALMI as speaker at Delhi International Conference on Ganga on 18-19<sup>th</sup> May, 2017
- Nominated regional Jalnayak by letter no. T-5/jalshi/jalnayak/277/05/17 dated 03/05/2017 from Office of Vibhagiya Ayukt Konkan Vibhag, Rozgar hami yojana Shakha, belapur Navi Mumbai.
- Invited speaker in International conference organized by Bionano Frontier and presented paper entitled “Exploration in search of incessant Ganga: An empirical study for finding the causes of erosion and sedimentation in river bank at Malda, Murshidabad and Farakka regions of West Bengal” held at University of Mauritius on 12<sup>th</sup> May, 2017
- Invited speaker by WALMI Bihar Government Water resource department in National conference and presented session on “Exploring river Ganga: A social and environmental assessment for resolving erosion and siltation issues and rehabilitation of displaced population” at Delhi India International Centre on 18-19<sup>th</sup> May, 2017.
- Member of Patna and Delhi declaration drafting for resolving issues of erosion and siltation in river Ganga in Bihar and West Bengal regions and rehabilitation of displaced population.
- Prepared and submitted memorandum to office of Prime Minister and President of India with regards to resolving issues of erosion and siltation in river Ganga in Bihar and West Bengal regions and rehabilitation of displaced population. 16<sup>th</sup> May, 2017
- Attended workshop on water literacy and operationalization of Centre for Water Literacy at YASHADA, Pune in presence of Chief Minister, Water Resource Minister and Water Conservation Minister on 6<sup>th</sup> Aug, 2017.
- Invited by Yashwantrao Chavhan Academy of Development Authorities (YASHADA) and Ministry of Forest and Finance, Govt of Maharashtra to join water literacy programme “Namami Chandrabahaga” 7-15 Aug, 2017
- Invited speaker and Chairing for Ganga Sansad and was member of **Vijayapura Declaration** at National Water Convention for Drought Free India at Vijayapura, Karnataka at BLDE University Campus organized by Water resource dept Karnataka held on 16, 17, 18 Aug, 2017
- Organized International workshop on Climate Change adaptability for sustainability: A Vedic perspective at GEV on 27-28, August, 2017 at GEV
- Invited by YESHADA for district level committee discussion on water literacy programme on 4<sup>th</sup> Oct, 2017 at Konkan Bawan, Belapur, New Mumbai
- Invited for Bijapur Convention to conduct Ganga Parliament- August 2017
- Invited for Mahanadi Bachao Andolan, Odissa to present status of Ganga erosion and siltation- Oct, 2017

- Invited speaker for Kaveri Convention at Madhurai – Nov, 2017
- Invited Speaker at National Consultation on Mahanadi: Yesterday, Today and Tomorrow in Odisha organized by Govt of Odisha Water resource dept and Mahanadi bachao Andolan samiti on held in Panthniwas, Bhuwaneshwar 6<sup>th</sup>- 7<sup>th</sup> Sept, 2017. Also part of National committee for formulation of policies
- Awarded Jalnayak by Jalbiradari at Vijayapura convention Karnataka on 18<sup>th</sup> Aug, 2017
- Attended joint meeting of Jalbiradari and Principal Secretary, Dept of Water resource and Collectors, Govt of Maharashtra 24<sup>th</sup> Sept, 2017 at Mantralay to discuss river rejuvenation and water literacy programme
- Invited Guest of Honor for ‘Nadi Vahate’ movie show at City light, Mahim Mumbai on 25<sup>th</sup> Sept, 2017
- Invited by YASHADA for meeting at Konkan Bhavan on 5<sup>th</sup> Oct, 2017 to attend District level water literacy committee meeting for implementation of programme for river conservation, recharge and rejuvenation
- Successfully completed Foundation programme conducted by YASHADA from 16-19<sup>th</sup> Nov, 2017 for Jalnayaks and Jalyodhas
- Invited for Bijapur Convention to conduct Ganga Parliament- August 2017
- Invited for Mahanadi Bachao Andolan, Odisha to present status of Ganga erosion and siltation- Oct, 2017
- Invited for Kaveri Convention at Madhurai – Nov, 2017
- Regularly organize joint meetings of officers of local Water Conservation Department of Municipal Corporation and Collector office authorities for working in collaboration for mitigation measures and sustainable solution for water crisis (Kamvari river and water bodies in Bhiwandi) 2017
- As a Member, attending World Social Forum & World Water Council meetings and conferences held every year in different parts of the world since 2018, to campaign against corporatization of water
- Participated actively in National Convention on Rejuvenation of Godavari at Rajmundhri, Hyderabad, 9-10 June, 2018
- Organized water oath ceremony, save water video launch, unveiled display notice boards for public and water rally in association with Bhiwandi Corporation and presence of Hon’ble Mayor and Commissioner – 15<sup>th</sup> August, 2018
- Conducted workshop for NSS Unit Mumbai University affiliated colleges (60) to train and orient Programme Officers and Students Leaders for Water conservation and rejuvenation practices- in Oswal College Bhiwandi on 30<sup>th</sup> August, 2018

- Attended State level meeting organized by YASHDA in CIDCO Bhawan near Konkan Bhawan in New Mumbai with all Water Department authorities of Government of Maharashtra on 3<sup>rd</sup> Sept, 2018
- Attended Ganga Sammelan and WWC meeting in Delhi at Gandhi Peace Foundation for National river policy formulation on 16-17<sup>th</sup> Sept 2018
- Conducted workshop on 10<sup>th</sup> Oct, 2018 and meetings of Gram Sevaks at BDO office Bhiwandi & visited villages in Bhiwandi Taluka with Gram Sarpanch
- Invited by Sabhapati and Livestock development officer to understand issues of water crisis and water pollution due to Cow sheds established on river bank at Arjuli village
- Conducting occasional joint meetings with Bhiwandi Corporation Commissioner, Officers and Mayor, MPCB officers, MMRDA authorities and office of Collector to resolve water pollution, exploitation, encroachments, siltation and recharge of water bodies in Thane district, since March 2018
- Kamvari river project proposal submitted for 5 Lakh funding for scientific diagnosis is approved by Bhiwandi Corporation Mahasabha on 29<sup>th</sup> Dec, 2018 and successfully completed project and submitted Environmental Survey Report in Nov, 2020.
- Attended meeting and seminar at Gandhi Peace Foundation Delhi for Aviral Ganga campaign. Met Nitin Gadkari Water Resource Minister to brief Ganga erosion situation and to help for resolution. May, 2018
- Participated actively in World Water Council Meeting and elections at France in Nov, 2018
- Ganga Sadbhavana Yatra convenor for West Bengal from 29<sup>th</sup> Dec, 2018 to 12<sup>th</sup> Jan, 2019. During Yatra delivered lectures in Refresher course at University of Kolkata, Kalyani University Dept of Education, JD Birla Management Institute Kolkata, Ramkrishna Mission, Vishwa Bharati Shantiniketan, Meetings with Farakka Authorities, Central institutes Directors and scientists, Local NGO's and affected people for creating Ganga literacy and drafting white paper for river policies to recommend guidelines to government.
- Aviral Ganga 2019 Yatra at Tripura from 13<sup>th</sup> Jan- 17<sup>th</sup> Jan. Conducted Refresher course in Tripura Central University and Lead speaker in National Zoological Congress conference, press conferences and TV Talk shows for River Literacy programme and providing solution for river erosion and siltation.
- Conducted meeting with Collector Thane District for Kamvari River rejuvenation and cleaning of water bodies on 8<sup>th</sup> August, 2018 & 5<sup>th</sup> Feb 2019
- Meeting conducted with Few Bhiwandi corporators to review the polluted river systems. 7<sup>th</sup> Feb, 2019
- Invited by ISKCON Richmond Centre to deliver lecture on Vedic Education as the solution

to International water crisis at Richmond, Virginia. US. 23<sup>rd</sup> March, 2019

- Attended Indian Water Council Meeting under president ship of Dr Rajendra Singh ji at Jaipur for discussing exploitation of poor countries for conducting WWC by procuring loans from World Bank and other sources. Visited Bhikumpura and Gopalpura to see the water conservation strategies in poor rainfall regions. 13-15, May, 2019
- Organized workshop in collaboration with Bhiwandi Nizampur City Municipal Corporation on “River rehabilitation and water management for mitigating crisis in Thane District”. Sponsored by Bhiwandi Corporation. 17<sup>th</sup> June 2019.
- Organized orientation workshop for Gram Sevaks, Gram Sarpanch and Gram Sadasya, on “Combating water pollution by integrated approach” at BDO office Bhiwandi. 26<sup>th</sup> June, 2019
- Organized “Aviral Ganga Mission” in collaboration with Tripura Central University. Organized a workshop on “River and water management for sustainable development: with policy perspectives” sponsored by Government of Tripura from 2-5<sup>th</sup> July, 2019.
- Invited As resource person for Refresher course held by Tripura Central University to deliver session on “Rural development new media and social change: through water security” 4<sup>th</sup> July, 2019
- Invited by Thakur college (Autonomous status) to develop interdisciplinary graduation course curriculum on “Water security and river management” 13<sup>th</sup> July, 2019
- Invited by Chandrapur Forest Department and Water Literacy Programme Centre, Nagpur Maharashtra Government as speaker for workshop and award – 4<sup>th</sup> August 2019
- Participated in Janshakti and Jalshakti workshop at Gandhi Peace Foundation at Delhi and delivered session to share river rejuvenation work -5<sup>th</sup> August, 2019
- Procured Forest Land for tree plantation in an effort to rise the Ground Water table in Bhiwandi region- 5000 tree plantation and campaign against forest land encroachments. Working in collaboration with Rotary Club of Bhiwandi and Bhiwandi Municipal Corporation. 16<sup>th</sup> Aug, 2019
- Dindoshi hills water stream protection campaign to create reservoir for water conservation- organized visit by Forest Department officers and Dr Rajendra Singhji and public from the area. on 19<sup>th</sup> Sept, 2019
- Developed and introduced “River Rejuvenation and Water Management” curriculum for autonomous college in Mumbai, for undergraduate students across all streams. Topics like Water as basic component of life, Water crisis -causes and remedy, River zonation, Hydrobiology, Biodiversity, Water infrastructure, Disaster management, National water policy, rain pattern and crop pattern, remote sensing, Climate change and global warming,

July 2019

- National Conference organized “River rejuvenation & Water Management with Policy Perspectives” at Thakur College on 19<sup>th</sup> Sept, 2019 and Proceeding published ISBN NO. 978-93-5382-939-1
- Participated in Refresher course cum workshop organized by Water Resource Department, Govt. of Maharashtra and Water Literacy department YESHADA. At Nai Taleem Seva Gram Vardha, Nagpur 23-24<sup>th</sup> Nov, 2019
- Conducted meeting at Thane Collector office along with Yeshada members for formation of Water warriors team in thane region – 6<sup>th</sup> Dec, 2019 & 28<sup>th</sup> Jan 2020
- As a Subject Coordinator for ‘Natural Resource Management’ attended second joint meeting of Curriculum committee of Denovo University at GEV, Palghar and submitted final draft. 24<sup>th</sup> Dec, 2019
- Oriented and started Bhangsal river rejuvenation project in collaboration with all Departments of SRM College, Kudal, Sindhudurg, to make Sindhudurg region drought free and provide solution for severe water scarcity. Project in progress. 7<sup>th</sup> Jan, 2020
- Participated in National Water Convention on “Right to water & river rejuvenation” by the invitation of MP Chief Minister, Minto hall at Bhopal. Shared views and drafted declaration for Right to water bill. 11<sup>th</sup> Feb, 2020
- Workshop organized on “Water management and rejuvenation of Waldhuni and Ulhas river” as an attempt to create a cadre of team in Shahpur, Kalyan, Ulhasnagar, Ambernath and Badlapur regions for combating river pollution issues. 15<sup>th</sup> Feb, 2020
- Organized an International webinar on “Corona pandemic lockdown: A blessing in disguise for restoration of religious sentiments of Ganga & Yamuna rivers and sustainability”. 17<sup>th</sup> May, 2020. Speakers from US, France, Singapore joined.
- Organized a webinar workshop in collaboration with Youth for Integration, Agartala on “Awareness campaign to rejuvenate Howrah, Gomati and other rivers in Tripura region for realizing maximum potential” on 29<sup>th</sup> May 2020
- Organized a webinar on “Exploring Biomedical waste handling: before and After covid 19 pandemic” in collaboration with Kolhapur Government Hospital and Medical College on 27<sup>th</sup> June, 2020.
- “Aao Nadi Ko Jane” a webinar series organized by Maharashtra Jalbiradari Core Team, Delivered session on ‘Mobilization of youth power in water conservation and river rejuvenation’ on 5<sup>th</sup> July, 2020 and almost thirty webinars done with similar purpose.
- Organized webinar on ‘Pondering on status of Ganga Erosion in Covid 19 situation and exploration of EIA 2020 policy: Causes and probable remedies’, (West Bengal region) held

on 20<sup>th</sup> Aug, 2020.

- Delivered session on ‘Strategies of data collection for the water management, River rejuvenation and judicious use of Natural resources’ organized by Alliance For Rivers (AFR) a group of organizations across India, Nisarg Shikshalay, of Mathura Agra & Dehradun Districts on 1<sup>st</sup> Sept, 2020.
- Visited Arjunali village with authorities and animal husbandry department officers several times to strategies Tabela waste water management & health risk management. 17<sup>th</sup> Dec 2020 revisited recently with solution. Published it in a book chapter
- Participated and contributed in **Re-orientation training programme for Jalnayak and Jalyodha** (online) by YESHADA Centre for Water Literacy, held on 11<sup>th</sup> Feb, 2021
- Invited on International Womens day as Speaker on Indo-US webinar on ‘Women leadership for sustainable future’ to speak on “Women action and Water”. 8<sup>th</sup> March, 2021
- Invited resource person to conduct session on Pollution and Encroachments on water bodies in Re-orientation training programme for Jalpremi and Jaldoot (online) by YESHADA Centre for Water Literacy on 15<sup>th</sup> March, 2021
- Instrumental in closing four textile Units in Bhiwandi polluting water bodies by following up with Collector and MPCB office.
  - As a Core Member of Indian River Basin Council heading 7 States for river rejuvenation projects along with resolving transboundary issues. March 2020 onwards
  - Instrumental in compelling Municipal Corporation of Greater Mumbai (BMC) for conservation of Dindoshi hills Stream water & to effectively comply policies for implementation of Rain Water Harvesting. BMC invited for a meeting and strategized same 18<sup>th</sup> March, 2021
  - As a Panelist presented views in Maharashtra Water Summit regarding ‘Role of Industry led water sustainability initiatives in making Maharashtra water positive’ held at Yashwantrao chavhan sabhagriha – 3<sup>rd</sup> Dec, 2022
  - Simultaneously working for 5 Mumbai rivers and 9 Thane District rivers for its revival under the “Chala Januya Nadila” campaign of Govt. of Maharashtra initiative to revive 75 rivers to commemorate 75 years of Independence Azadi Ka Amrit Mahotsav. (GR no 8222/276/4 dated 30<sup>th</sup> Sept & 14<sup>th</sup> Oct, 2022 of Tourism and Cultural Ministry). Collectors meeting conducted on 18<sup>th</sup> & 29<sup>th</sup> Nov, 2022 in Mumbai and Thane Dist. Attended meeting of chief Secretary on 8<sup>th</sup> Dec, 2022
  - Presented integrated sustainable solution proposal to CEO Aarey Milk Colony, Goregaon, Mumbai to resolve issues of Cattle shed waste water polluting rivers and stream water in Aarey Milk Colony which is spread across 1000 Hectar land.

- Presented paper and shared experiences as appointed by People's World Commission on Drought and Flood (PWCDF) on Advisory Board of Gammalkilsvaagen, 18, Ulrika, 59053, Sweden, EU. 8th Dec, 2022 in Udaipur
- Attended UN 2023 Water Conference held from 22 to 24 March 2023 with Registrant ID 5092 at UN Headquarter New York and conducted UN Conference Side event in Bronx Community College CUNY NY and Columbia University in association with International association of Advanced materials and Peoples World Commission for Drought and floods.
- 22<sup>nd</sup> March 2023 Hudson river walk at New Jersey, 23<sup>rd</sup> March 'World Water Dialogue on Drought and Floods: Indigenous innovations for mitigation, adaptation and resilience' was organized as side event. With DG National Mission for Clean Ganga of Govt of India and Minister of Jalshakti also interactions were held. Community based decentralized water management system was propagated along with advocacy of a healthy water cycle during the UN Conference.
- **March 24<sup>th</sup> -26<sup>st</sup> visited Newark Save Indian Farmers association, Gandhian Society, IATA Telegu Farmers association to understand their support to Indian Farmers, March 27-28<sup>th</sup> saw California 70% corporate monoculture farming** (water intensive pikan almonds nuts) practices & Owens Valley three creek area to discuss agro ecological climate zones, at Big Pine, long Pine, and meeting with native Americans Paiute tribe at Bishop areas, 29<sup>th</sup> March at San Rafael Dominican University a documentary film shows of 'Reviving Rivers' and interactions with activists and general public was held. Bakersfield to San Francisco Bay area 30<sup>th</sup> March to 1<sup>st</sup> April water stories propagated Sabastopol landfall, Hiedelberg, Central Windsor, Sonoma County grapes field and Wineries, In Occidental Old Grove Tree, Occidental Arts and Ecology Centre film show 'Resurgence'. Climate change is global problem but solution is local with hand mind and heart integration.
- **Invited for PWCDF General Assembly meeting as Advisory Council Member and to chair sessions in Odisha convention** held from 8-9<sup>th</sup> May 2023 at Puri Sanskrutik Bhavan organized by Lok Sevak Mandal Odisha Branch.
- **Invited as a Core Member, in a Leverhulme Trust-funded project (2022-2025) in Knowledge Exchange Workshop (KEW) organized by PI, The University of Manchester, UK, to conduct study on Char dwellers in Bengal Delta** about riverine dynamics through LINKS to unfold the riverine living with rural informality and erosion adaptations, for Policy framework. 4<sup>th</sup> -12 April 2025 and continues.

#### **Scholarships, Academic Awards & Honors:**

1. **Recipient of Bombay University Merits Scholarship for getting distinction** in B.Sc. (Zoology). Mumbai University. 1987 – 1988 & 1988 – 1989
2. **Recipient of Shantidevi Bhargava Memorial prize for standing First in PGDEM**

**course, S.N.D.T. University, Santacruz, Mumbai. 2003-2004**

3. **Recipient of Damyanti Morarji Memorial scholarship for standing First** in PGDEM course, S.N.D.T. University, Santacruz, Mumbai. 2003-2004
4. **Recipient of Megatroph and Best Nature Club trophy of WWF** for the year 2003-2004 and 2004-2005, Maharashtra Region for creative and innovative contribution in Nature conservation work as a Chairperson, Phoenix Nature Club, LU & MV College, Andheri
5. Recipient of **Best Extension Work Teacher** award for contribution to Department of Adult and Continuing education and extension work, Mumbai University as Field coordinator, Extension work teacher and actively participating in Festivals. 15<sup>th</sup> August, 2006
6. **“Vidya Ratna Gold Medal 2006”** from National Council for Senior Citizens of India, for significant services rendered in the domain of education, 20<sup>th</sup> January, 2007,
7. **“Bharat Shiksha Ratna award 2006”**, From Council for Economic Growth & Research, New Delhi, for excellence in the field of education, 10<sup>th</sup> January, 2007
8. **“Special contribution trophy”** for working as a Field Coordinator and training various colleges for extension work on behalf of Dept of Adult and Continuing Education and Extension for three consecutive years on Jan 2006, 2007 & 2008.
9. **“Appreciation trophies”** from various organizations for being Guest of honor/ special invitee/key speaker on various topics at conferences
10. **“Sanman Patra”** by Mahila va Bal Kalyan Samiti, Ambarnath Nagarpalika Parishad for contribution in the field of Kala, krida, sahitya, education. 15<sup>th</sup> April, 2012
11. **“Krantiba Jyotiba Phule Rajyastariya Adarsha Shikshak Puraskar-2015”** by Maharashtra Under Privileged Teachers Association, Beed. On 24<sup>th</sup> Jan, 2016
12. **Felicited by University authorities and college Management for authoring book** on Perspectives of teachers on Globalization and Internationalization in HE on 24<sup>th</sup> Nov, 2016
13. **Appreciation Trophy presented by Consulate General Ecuador in India on 16<sup>th</sup> Oct, 2017** for outstanding contribution in Academics research and resolving river issues for Drought Free India
14. **Shikshan Ratna award by Vishwaratna Samajik Bahuudashiya sevabhavi Sanstha, Manganyal, Sangali, Maharashtra on 26<sup>th</sup> Nov, 2017**
15. **Best Women Educator Award** by Pearl- A Foundation for Educational Excellence at Madhurai, Tamilnadu India- 10<sup>th</sup> Dec, 2017
16. **Dr D K Belsare Medal 2019 & citation conferred by Zoological Society of India** for outstanding research and academic contribution in the field of Marine Zoology-at 31<sup>st</sup> All India Congress of Zoology organized by North East Society of Fisheries and Aquaculture India (NESFA), Lembucherra Tripura & ZSI in collaboration with Central Agricultural University Imphal, Manipur on 15<sup>th</sup> Jan, 2019
17. **Selected for LEAP programme organized and sponsored by Ministry of Human Resource Development, GOI. 10<sup>th</sup> - 30<sup>th</sup> March 2019.**
18. **Vocational Excellence Award** conferred by Rotary Club of Bhiwandi for contribution in education and Kamvari River cleaning, on 17<sup>th</sup> July, 2019.
19. Received **Appreciation award** for Kamvari river rejuvenation work, organized by Chandrapur Water Literacy Programme and Forest Department, Govt of Maharashtra, Nagpur, at hands of Minister of Forest and Finance, Govt of Maharashtra and Amir Khan- 4<sup>th</sup> August, 2019
20. **Green Crusader Award** conferred by Charter Members of Bhamla Foundation in association with Ministry of Environment and Climate Change, Govt. of India and UNEP

(United Nation Environment Programme) -31<sup>st</sup> August, 2019

21. **Paryavaran Rakshak Sanman 2020**- conferred by Tarun Bharat Sangh, Rajasthan by the hands of Mahatma Gandhiji's Grandson Shri Arun Gandhi on 15<sup>th</sup> Jan, 2020
22. **Appreciation award for contribution in water conservation and river rejuvenation by Madhya Pradesh Government** during National convention on Right to water bill at Bhopal by the hands of PHE Minister- 11<sup>th</sup> Feb, 2020
23. **Nav Durga Puraskar** from Rotary Club of Ambarnath Smart City- for contribution in education and environmental initiatives. 22 Oct, 2020
24. **Jalprahari honor recognition** given by Sarkaritel.com supported by Jalshakti Ministry and Jal Jeevan Mission on March 29<sup>th</sup> 2023
25. **Fulbright Award- Fulbright Scholar-in-Residence** program for 2023-2024. Flagship International Educational exchange programme of US to increase mutual understanding between people of US and other countries. Fulbright Visiting Scholar Program governed by Fulbright Foreign Scholarship Board policies. 15 Aug- 15 Dec, 2023

#### KEY/RESOURCE PERSON:

- **Chairperson, Adult and Continuing Education and Extension programme** (June 2003-July 2006), conducted various extension projects,
- **Chairperson, Phoenix Nature club** (June 2001-2003), carried out nature conservation activities in association with WWF
- **Chairperson, Quiz club** (June 2002-2003), Conducted collegiate and inter-collegiate student activities
- **NSS Programme Officer** (1996 – 2002), organized NSS camps and leadership building activities for students
- **Invited by various colleges for guest lecture** (1993-2006) to deliver lecture on personality development, student counseling, etc.
- **Invited as interviewer/evaluator** (2002- 2008) **for action research for Dr. Homi Bhabha Bal Vaidyanik competition** organized by The Greater Bombay Science Teachers Association.
- Invited time to time (2001-2006) by Marathi Vidnyan Parishad, (Ambarnath branch) and Education Department (West Zone) **and Heads of Secondary schools of K/P West ward to judge and evaluate science projects in interschool science exhibition.**
- **Invited as special guest and Chairperson for Seminar organised** on Ahimsa day celebrated by Gandhi Shikshan Bhavan's Surajba college of Education, 30<sup>th</sup> Jan 2008.
- **Invited as Expert Educationist** to deliver a presentation on **"New Trends in education"** for Yashwantrao Chavan Maharashtra Open University M.Ed. Programme at Gandhi Shikshan Bhavan's Surajba college of Education. 18<sup>th</sup> Feb, 2008.

- **Invited as key note speaker** to deliver lecture on **“Restructuring Primary education curriculum”** by Maharashtra Council of Education Administration & Management, Pune 14th Annual Conference at Shreewardhan on 28th & 29th November, 2007
- **Invited to deliver a talk on “Changing Education Scenario and NAAC assessment of Night colleges”** in a State level Conference on “Quality assessment in Higher Education Institution” organized by Swami Vivekanand college, Dombivli. Oct, 2008
- **Invited as Course instructor and Examiner in Education Technology** for BITS-ACEE-Mumbai Collaborative Programme, MS Education System Management at BARC, Anushakti –nagar, Mumbai. 1<sup>st</sup> to 18<sup>th</sup> May, 2009
- **Invited to deliver a talk on Education Technology** during National Conference on “Perspective in School Education” (NCPSE), organized by Atomic Energy Education Society at Anushaktinagar, Mumbai-400 094. June 11-14, 2009
- **Invited as Eminent speaker** to talk on **“Role of NGO’s & Youth in Social Transformation”** in a National Level Conference, at Manisha college, Kalwa, Mumbai. 27th March, 2010
- Regularly invited to train school Students (BMC and others) for Self transformation/Personality Development, 2005 onwards
- Invited by SNDT conducted colleges and many Mumbai University affiliated colleges to train for **NAAC preparation** including SSR and overall **training/guidance** to student, Teaching, Non-teaching staff and Management members. 2009 onwards
- **Invited as Course instructor and Examiner in Education Technology** for BITS-ACEE-Mumbai Collaborative Programme, MS Education System Management at BARC, Anushakti –nagar, Mumbai. 13<sup>th</sup> to 31<sup>st</sup> Dec, 2010
- **Invited as Key note speaker** at State level seminar organized by Patuck-Gala College, Santacruz, Mumbai to **speak on ‘Business Practices in Knowledge era’**. 5<sup>th</sup> Feb, 2011
- Invited by UGC Academic Staff college SNDT conducted college and University of Mumbai affiliated colleges (nearly 25) to **conduct workshop on UGC’s CAS, PBAS and API regulation**, 2011 onwards
- Invited as Resource person to deliver speech on **“RTI Act, 2005- An Effective Tool”**, in State level Seminar on Human Rights in various colleges, UGC staff Academic College. 2010 onwards
- Invited as Eminent Speaker in National level conference on “HR issue in Education Business: A perspective on productivity” at Patuck Gala college, Santacruz, Mumbai on 4<sup>th</sup> Feb, 2011
- Invited as speaker at Annasaheb Dhamane ashram school at Kaman at Vasai in a **NSS camp**

to **train students for Women Empowerment and personality development and RTI.**

30<sup>th</sup> Dec, 2011

- **Invited for Guest lecture on RTI Act, 2005 at MJC Law College, Mumbai, 4<sup>th</sup> Jan, 2012.**
- **Invited to be Chief Guest and present guest lecture on “marine life and oil pollution” during National Conferences in Modern Trends in Life Science at Elphistone College, Mumbai. 7<sup>th</sup> Jan, 2012.**
- **Invited to Chair session and present guest lecture during National Conferences in “Biodiversity and health hazards due to climate change” at Bendale College, Jalgoan. Jan 12-13, 2012.**
- **Invited on a discussion panel conducted by SC/ST/OBC Students and Teachers Association and organized by Senate members of Registered graduates UoM in Kalina campus, Mumbai for open discussion on “Credit and grading system and OMR-BAR coding exam system”. 30<sup>th</sup> April, 2012**
- **Invited by Dept of Education, UoM, to conduct interviews for selection of PhD students for Education and conduct course work for PhD, 2012 onwards**
- **Invited to Chair session and member of Colombo Declaration during Inter National Conferences organized by Eco Foundation at Colombo at Srilanka. Aug 2012**
- **Invited as guest speaker by Science Forum for Gravity-2012 by Sathe College to share research experiences and train students and staff for research activities. July, 2012**
- **Invited by Research and teacher training college, Parel, Mumbai for CSIR sponsored workshop to deliver lecture on Data analysis and interpretation-April, 2013**
- **Invited speaker at International Conference on “Emerging trends and challenges in Science and Technology” held at Pattaya, Thailand to speak on “Potential impact of Dam projects on Biodiversity” -3-5 Nov, 2014**
- **Invited speaker at National conference at Kirti College, Dadar to speak on “Study of Impact of Over-damming on biodiversity-In search of sustainable measure” -23-24 Jan, 2015**
- **Invited speaker in National conference held at Bendale College, Jalgoan. Feb 12-13, 2015 to speak on “Use of RTI Act, 2005 for Human rights”, Chairperson for a session and chief guest for valedictory function.**
- **Invited in UGC sponsored National Seminar held at Mahatma Phule Centre at Bendale College, Jalgoan. Feb 14-15, 2015 to chair sessions on “Mahatma Phule and his work”**
- **Invited as speaker to present session on “Teachers Quality and their professional**

**development: A perspective on UGC policies to tackle the challenge”** at NAAC sponsored National Conference on “Archetypes of Innovations for Student-Centric Learning at KTHM college, Nasik on 8<sup>th</sup> August, 2015

- **Invited speaker** at a State level Workshop to discuss the New Maharashtra Public Universities Act, 2015 for suggesting government about amendments required for reservation policies. Workshop was organized jointly by BAST & MUPTA in Life Science department conference hall at Kalina University Campus on 28<sup>th</sup> August, 2015
- **Invited as a Session Chair** in an International Conference on Biotechnology for Better tomorrow held at Tampa, Florida, USA on Oct 29 -31<sup>st</sup> 2015
- **Invited as speaker** to present session on “Impact of Over damming on Biodiversity of Western Ghats” in International Conference on Biotechnology for Better tomorrow held at Tampa, Florida, USA on Oct 29 -31<sup>st</sup> 2015
- **Invited speaker to present session on “National Integration and communal harmony”** organized by NSS Unit of Nagindas Khandwala college on Constitution Day on 26<sup>th</sup> Nov, 2016
- **Invited as Chairperson** for an International conference on Incessant Ganga organized by Water Resource department, Government of Bihar and aerial survey of Ganga region to survey for sedimentation issues in Ganga – 25<sup>th</sup>- 26<sup>th</sup> Feb, 2017 at Patna
- **Invited speaker at** International conference by Biofrontier on topic entitled “Exploration in search of Incessant Ganga: An empirical study for finding the causes of erosion and siltation. ISSN 0974-0678. Mauritius date 12-16 May, 2017
- **Invited resource person by College of Fisheries, Agartala, Tripura** to deliver session on Impact of Urbanization and dam constructions on riverine fisheries. **8-9<sup>th</sup> Sept, 2017**
- **Invited as Guest of honor and resource person at a workshop for Students feedback in Curriculum Development for TYBSc (proposed syllabus)** in subject of Zoology, organized by Board of Studies in Zoology, University of Mumbai in collaborations with Dept of Zoology SIES College of ASC, Sion, Mumbai-23<sup>rd</sup> Nov, 2017
- **Invited as resource person** for conducting session on “**Water literacy for combating National and global water crisis**” during Orientation programme for faculties of affiliated courses organized by **UGC HRD Staff academy University of Mumbai. March 29<sup>th</sup> 2018**
- **Invited as resource person** for conducting session on **River literacy and water management** at Kalyani University Dept of Education on 2nd Jan, 2019
- **Invited as resource person** for conducting session on “**Water conservation and importance of River water management**” by J D Birla Institute of Management at Kolkata on 2nd Jan, 2019

- **Invited as resource person for conducting session on “Disaster management for River erosion issues”** during Refresher Course at Kolkata University Dept of Geography on 9<sup>th</sup> Jan, 2019
- **Invited as resource person for conducting session on “Advanced teaching and research methods” at 21day Refresher course Titled “Naitaleem: Gandhi’s vision of education and present scenario - Advanced teaching and research methods”** at Tripura University (A Central University) organized by Faculty Development Centre (FDC) under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) on 16<sup>th</sup> Jan, 2019
- **Invited Speaker to conduct session on Scientific and social diagnosis of “Ganga Siltation and Erosion” & Chair a technical session** at 31st All India Congress of Zoology & National Seminar on Climate-Smart Aquaculture and Fisheries (CSAF) organized by North East Society of Fisheries and Aquaculture India (NESFA), Lembucherra Tripura & ZSI in collaboration with Central Agricultural University Imphal, Manipur held at College of Fishries, CAU, Tripura on 15<sup>th</sup>-16<sup>th</sup> Jan, 2019
- **Invited as resource person for conducting awareness seminar** on “Water conservation: for combating global crisis” organized by Sant Rawool Maharaj Mahavidyalaya, Kudal, Sindhudurg on 22 Jan, 2019
- **Invited talk on “Impact of River bank erosion and silting and need for disaster management policy formulation”** at National Conference organized by Thakur College Kandivali on 28<sup>th</sup> Jan, 2019
- **Invited Speaker at National Conference on Multidisciplinary Research 2019 organized by JIS University, Agrapara, Kolkata** to deliver session on “Resurrection of River and water bodies through policy formulation and education.” 12<sup>th</sup> Nov, 2019
- **Invited Speaker for Orientation Programme conducted by UGC HRD University of Mumbai** to deliver session on “Water management” on 14<sup>th</sup> Dec, 2019
- **Chaired a session in State level conference ‘Vishwanath Summit-propriety of global wellness’** on ‘Management of aquatic health and resources of Konkan, with special emphasis on Sindhudurg’ virtually organized by Sindhu Swadyay Sanstha (University School of Integrated Aquatic Education) and V V Dalvie College (UGC/RUSA and Govt. of Maharashtra Funded Model college), on 29<sup>th</sup> March 2020
- **Invited as Resource person** on the webinar on ‘Climate Change & Environment Status After Covid-19’ on the occasion of World Environment day 5th June, 2020. Delivered session on ‘Natural Restoration of Rivers amid COVID 19 pandemic Lockdown & Post COVID challenges’.
- **Invited Speaker for Faculty Induction Programme** conducted by UGC HRD Jamia Milia

Islamia University Delhi to deliver session on “Understanding health of water bodies and environment for sustainable action” on 26th Oct, 2020

- **Invited Keynote speaker for National Conference on Environment and Biodiversity** 2023 held at thakur college Mumbai India. 27<sup>th</sup>-28<sup>th</sup> Jan, 2023. Presented paper on IMPACT OF CLIMATE CHANGE & WATER RESOURCES (for water health consciousness and water Use efficiency)
- **Invited to speak on ‘Sewage Science & Public Health’ topic in an Enrichment Seminar organized by Cleveland Council on World Affairs (CCWA)** Fall 2023 Cleveland Fulbright Scholar Enrichment Seminar, at Cleveland, Ohio US. 5-8 Dec, 2023
- **Invited as speaker by India Plumbing Association, Gujarat Chapter** on 7<sup>th</sup> & 8<sup>th</sup> June, 2024 to speak on Sewage Science and Public Health, with regards to output from the Conventional STPs. Also to advice on Sabarmati river disappearance and pollution & create curriculum for Gujarat Technical University Department of Applied Sciences and Technology.
- **Invited by Microbiologist Society India** to conduct online orientation workshop of all the member faculties and students of Colleges and Universities to participate in projects for Clean and Healthy rivers, by microbial analysis and characterization to provide nature based solution. 24<sup>th</sup> May, 2024
- **Invited as speaker by Creative and Operation Committee of Microbiologist Society India** on 15<sup>th</sup> June, 2024 and conducted session in International webinar on ‘Stewardship for clean and healthy rivers’ and evaluated posters and essays on the topic received from the participants.
- **Invited Keynote speaker in World Congress of Engineering Asset Management hosted by IIT Kanpur, ONGC and OTPC** in Constitution Club of India, Delhi on 23-25<sup>th</sup> Oct, 2024 to conduct session on ‘Assessing the efficacy of Wastewater Treatment plants based on science of sewage degradation and conventional STP design for its reorientation’. If STPs are asset or liability.

#### **WORKSHOP/ SEMINAR/FUNCTIONS ORGANIZED:**

1. Worked as Member of local organizing committee and chairman of publicity committee for National workshop **on Mycorrizal Technology organized by LUJ & MV College and supported by Mycorrizal society of India.** 12<sup>th</sup>, 13<sup>th</sup> & 14<sup>th</sup> Sept 2003
2. Organized an awareness programme on ‘**Right to Information act- 2005**’ for the Degree College teachers in the Kirandevi Saraf Learning centre, GSGC, S.V. Road, Malad. October 2006
3. University level half-day workshop on ‘**Research proposal preparation for Minor/Major research projects and M. Phil/ PhD degree**’ at Ghanshayamdas Saraf

Girl's College, S.V. Road, Malad (West), Mumbai. January 2007

4. Jointly organized One-day workshop on '**Writing skill of dissertation and thesis for M.Phil/PhD degree**' at DTSS college, Malad (East), Feb 2007
5. Organized **Award function** for College of Management, Pune and Nasik and National Council for Senior citizen, Mumbai at Gala Auditorium, Patuck Polytechnic College, Sanatacruz (E). May, 2007
6. **Organized Ist and IInd Term Training programmes as a Field coordinator, DACEE**, University of Mumbai for B.Ed colleges and undergraduate colleges extension work students and teachers for Adult and Continuing Education and Extension project work. (2005 onwards)
7. **Organized One-Day State level Workshop on RTI Act, 2005 in Higher Education"** for Public Information officers and Appellate officers of affiliated colleges of University of Mumbai. Public Night Degree College, Santacruz. 12<sup>th</sup> April, 2008
8. **Organized Half-day workshop for Student Council members of University of Mumbai affiliated colleges on "Nurturing Leadership for True Citizenship"** Public Night Degree college, Santacruz. August, 2008
9. **Organized National level Education Summit 'Education-2020'** at Taj Lands End, Bandra. 21 Feb, 2009. 10 Vice Chancellors/Pro VC, 12 Directors of Universities, 40 Degree college Principals, 200 PG Students attended the Summit
10. **Organized 'Bharatiya Shikshan Panchayat'** for underprivileged section students and parents at Vikroli, Mumbai, to make them aware of the changing education trend. 27-28 Dec, 2009. Presentation on Use of Technology for effectiveness in Education
11. **Organized "Leadership in New Millennium"** for student council members and during the sessions trained them for using RTI as a tool effectively for transformation in society 22<sup>nd</sup> January, 2011
12. **Organized National level UGC sponsored seminar for Principals** on "Governance in Higher Education Institutions- Challenges and opportunities' in Hinduja College from 25<sup>th</sup> to 27<sup>th</sup> Nov, 2011
13. Organized seminar to **discuss proposed New Maharashtra Act 2011** and invited representation from VC, Principals, Teachers, Management members, Non-teaching, registered students constituency members of Senate, at Hinduja college, February, 2011

- 14. Organized and imparted training workshop on Career Advancement Scheme** to teachers of Bhavans Somani college, 6<sup>th</sup> Jan, 2015
- 15. Organized Faculty Skill Enhancement workshop** for School level to Degree college Faculties in Oswal college of Commerce from 20<sup>th</sup> - 24<sup>th</sup> Sept, 2016. Nearly 90 teachers were trained for teaching and professional/corporate skills
- 16. Organized National conference** on Food, water crisis and waste management at GEV in Nov 29-30, 2015 and exclusively on Water Crisis at BSE on 7<sup>th</sup> Jan, 2017. Invited eminent Scientists Dr Rajendra Singh Ji (Water man of India) and Director NEERI
- 17. Organized National Conference** at Port Blair Andaman on “Climate Change, Biodiversity and Bio resource management” 29-31 Jan, 2017 in collaboration with Microbiological Society
- 18. Organized International Conference on** “Emerging trends and challenges in Science & Technology & society” at Mauritius in collaboration with Biofrontiers and University of Mauritius on 12-13<sup>th</sup> May, 2017
- 19. Organized International Conference on “Hinduism and Ecology: Towards sustainable future”** in partnership with Yale Divinity School, Yale University at GEV, Palghar- 11<sup>th</sup> -14<sup>th</sup> Dec, 2017
- 20. Organized National level Multidisciplinary Conference on** “Library Science and Information, Commerce and Management and Environmental Sustainability in Oswal college Bhiwandi on 3<sup>rd</sup> March, 2018
- 21. Faculty Development Programme on Quality Assurance in Higher Education Institutions** was held in association with Maharashtra IQAC Cluster from 23<sup>rd</sup> to 25<sup>th</sup> August, 2018 to orient IQAC Co-ordinators and faculties of college the revised NAAC rules and new online NAAC assessment system.
- 22. Workshop on syllabus revision of TY.B.Com.** Was held on 2<sup>nd</sup> July, 2018 in association with University of Mumbai to orient faculties of TYB Com for the revised syllabus of all subjects and new paper pattern.
- 23. NSS workshop on water conservation** was held on 31<sup>st</sup> august, 2018 with an objective to create an importance of water resources in daily life and their depletion & educate the volunteers inculcating programme officers of various colleges
- 24. Organized National webinar on “Intellectual Property Rights in India: Patents, Trademarks and Copyrights”** in collaboration with Sadhubella Girls college Ulhasnagar and GKS college Khadavli, on 27<sup>th</sup> April, 2020

25. **Organized National level webinar on zoom entitled ‘Cyber Crime during Coronavirus Era: Prevention & Protection’** in association with Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Silvassa & Sadhubella College, Ulhasnagar on 8<sup>th</sup> May, 2020.
26. **Organized International Conference on Zoom on the theme entitled “Corona pandemic Lockdown: A blessing in disguise for restoration of religious sentiments of Ganga & Yamuna rivers and sustainability”** in collaboration with Bhaktivedanta
27. Vidyapitha Research Centre and Jalbiradari, Maharashtra on 17.5.2020.
28. **Organized National Level Webinar on 'RESEARCH METHODOLOGY'** jointly with J. W. Sadhubella Girls College, Ulhasnagar on 21.5.2020
29. Organized National Level Workshop on “Awareness campaign to rejuvenate Howrah Gomati and other rivers in Tripura region for realizing and maximizing potential” jointly with Youth for Integration Trust, Govt. Environment Dept. Tripura & SKECT, Women Water Warriors on zoom app. 29.5.2020
30. **Organized National level workshop on ‘Combating risk of COVID 19 Pandemic on Human Psychological Health and Immune system by YOGA and SPIRITUAL Counselling Practices’** was organized jointly with Bhaktivedanta Vidyapitha Research Centre and Department of Philosophy, University of Mumbai on Zoom. 25<sup>th</sup> May, 2020
31. **Organizing every year International Yoga Day** and recently celebrated this day by arranging Yoga Workshop on zoom in association with Bhaktivedanta Vidyapith Research Centre on 21st June 2020.
32. **Organized National level workshop on Google Meet on theme "Exploring Bio Medical Waste Handling before and after COVID 19 Pandemic”** in association with SKECT, Women Water Warriors, Mumbai, Rajarshi Chhatrapati Shahu Maharaj Government Medical college and CPR Hospital, Kolhapur & Joshi Hospital, Rajapur on 18 July, 2020 for doctors and government authorities.
33. **Organized Conference in JNTU, Hyderabad and Anurag University, Hyderabad in collaboration with CUNY, US** and Weather Stations installed for weather monitoring and joint research initiatives -28<sup>th</sup> Sept, 2022
34. **Organized India-US International Climate Change Conference on “Impact study of Climate change and air Quality for sustainable goals”** in collaboration with Bronx college, City University of New York US & Dept of Zoology, Thakur college Mumbai on 13<sup>th</sup> Jan, 2023

35. Organized seminars at Farmingdale State College & Nassau Community college State University of New York US on “Global issues of diminishing and pollution of rivers: for its ecological restoration’ Nov, 2023

#### RESEARCH AREA HIGHLIGHTS:

| Zoology /Life Sciences                | Education/Management                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Crude Oil pollution                   | GATS, Education Policy, reforms and framework                                              |
| Toxicology                            | Innovative teaching methods                                                                |
| Riverine Ecosystem & biodiversity     | Grading system                                                                             |
| Marine Ecology                        | Professionalism among teachers                                                             |
| Fishery                               | University Governance                                                                      |
| Enzymology                            | MIS in Academic Institutions                                                               |
| Bioremediation                        | Curriculum review and evaluation                                                           |
| Biodiversity                          | Capacity building, performance management,                                                 |
| Oceanography                          | Organizational effectiveness                                                               |
| Environmental sustainability          | NEP 2020 & new trends in Education                                                         |
| Wastewater/used water treatment       | Community Oriented research participation for sustainable life & environmental Stewardship |
| Recalibrate for homeostasis of planet | Project based learning                                                                     |

#### RESEARCH PAPER PRESENTED IN NATIONAL/INTERNATIONAL SYMPOSIA/CONFERENCES

##### Science:

1. *Variation in relative sensitivity of marine clams to water soluble fractions of crude oil*”. **National Symposium on Problems And Prospects of environment in the New Millennium. Mangalore University . December 14<sup>th</sup> – 16<sup>th</sup> 2000**
2. “Changes in digestive diverticula of *Gafrarium Divaricatum* after exposure to water soluble fractions of a crude oil”. Thane College, Mumbai. National Conference on Creeks, Estuaries and Mangroves Pollution and Conservation. Nov 28<sup>th</sup> – 30<sup>th</sup> 2002
3. “Histopathological changes in gill of *Gafrarium Divaricatum* after exposure to water soluble fractions of a crude oil”. Birla College, Mumbai National seminar on Environ. Management and its impact on national development. Feb 28<sup>th</sup> – 29<sup>th</sup> 2004
4. “Effects of seasonal changes upon the bioaccumulation of WSFs of crude oil on marine clams”. Institute of Science, Mumbai. National symposium on “Biodiversity,

Biotechnology and Environmental Toxicology in The New Millennium” Nov 22-24, 2004

5. **“Burial response of *Gafrarium divaricatum* after exposure to sediment contaminated with Persian Gulf crude oil”**. National Conference on Environmental Pollution & Toxicology, Thakur College, Kandivali, Mumbai. Dec 22 & 23, 2006. **“A study crude oil accumulation in different tissues of clams by UV absorption spectrometry”** at National Conference on Modern Trends in Life Sciences. Elphistone College, Mumbai. 7<sup>th</sup> Jan 2012
6. **“A Study on the changes in protein profile of *Dosinia fibula* during exposure to water soluble fraction of Bombay high Crude oil”**. National Conference on Biodiversity and health hazard due to climate change, Bendale College, Jalgoan. Jan 12 & 13, 2012
7. **“A Study on the histopathological changes in tissues of *Dosinia fibula* exposed to water soluble fraction of Bombay high Crude oil”**. Presented paper in International symposium on Current trends in life sciences organized by Dept of Life Science and UoM on 9<sup>th</sup> March, 2012 at Kalina, Mumbai.
8. **“A Study on the seasonal changes in protein profile of *Dosinia fibula* during exposure to water soluble fraction of Bombay high Crude oil”**. Paper presented at International Conference held at Srilanka by Eco Foundation Aug 18 & 20, 2012.
9. **“Biodiversity study of Bhatsa River in Kalyan Taluka at Maharashtra for creating repository and bio-resource conservation”** 3<sup>rd</sup> International conference on Hydrology & Meteorology at Hyderabad organized by Omics group -2014. 15<sup>th</sup>-16<sup>th</sup> Sept, 2014
10. **“Environmental and Social assessment of Bhatsa Dam project for potential impacts and mitigation measures”** 3<sup>rd</sup> International conference on Emerging trends and challenges in Science and Technology. Organized by Bionano Frontier, International Society of Science and Technology, Mumbai held at Pattaya, Thailand 3<sup>rd</sup>-5<sup>th</sup> Nov, 2014
- 12- **“Study of effects of developmental projects on reverine fishery in Shahpur Taluka dist Thane Maharashtra”** UGC & ICSSR sponsored conference on Emerging trends in sustainable development at Kirti college, Dadar, on 23<sup>rd</sup> -24<sup>th</sup> Jan, 2015
- 13- **“Efficacy study of mandatory Rain Water Harvesting policy implementation by BMC as an alternative water resource facility for Mumbai city”** UGC & ICSSR sponsored conference on Emerging trends in sustainable development at Kirti college, Dadar, on 23<sup>rd</sup> -24<sup>th</sup> Jan, 2015
- 14- **“Impact of Mangrove pollution and devastation: a study for sustainable measures”** at National conference on Mangroves of Konkan coast. 2nd – 3rd February 2015 in Ratnagiri
- 15- **“Efficacy study of mandatory rain water harvesting policy implementation by BMC as an alternative water resource facility for Mumbai suburban's”** at National conference on Water audit for today and tomorrow organize society for clean environment and trans

Asian chamber of commerce and industries on 23rd June 2016 in Mumbai

- 16- **“Water pollution association with mangrove carbon sequestration in Mithi river”** at National conference on “Climate Change, Biodiversity and Bio resource Management” on 1st February 2017 in Port Blair, Andaman
- 17- **“Impact of Medical waste on Environmental Pollution-Imperative to study”** in an International Multidisciplinary conference on Commerce, Management, Technology, Engineering and Environmental Sciences organized by JJTU, Rajasthan on 18<sup>th</sup> Nov, 2017
- 18- Presented paper on **“Impact of cattle shed waste water on aquatic biota”** at 31st All India Congress of Zoology & National Seminar on Climate-Smart Aquaculture and Fisheries (CSAF) organized by North East Society of Fisheries and Aquaculture India (NESFA), Lembucherra Tripura & ZSI in collaboration with Central Agricultural University Imphal, Manipur held at College of Fishries, CAU, Tripura on 15th-16th Jan, 2018
- 19- Presented paper entitled **“Impact of over-damming on riverine fishery in Western Ghat region near Kalyan taluka in Maharashtra, India”** (Ref no. APON-EB-04), held at Pacific Ag Research, USA. 29-31<sup>st</sup> Oct, 2015
20. Paper entitled **“Effective Biomedical waste management techniques for a safe environment”** presented at Incredible India Interdisciplinary international conference held at Amlani college of Commerce and Economics, Andheri Mumbai, on 24<sup>th</sup> November, 2018.
21. Strategic movement by IPRBC to mobilize stakeholders for decentralized community driven water conservation and river rejuvenation initiatives. Published in national conference on Environment and Biodiversity at Thakur college ISBN 978-93-5786-271-4 pg. 6-10. Jan 2023

#### ***Education & Management:***

1. **“Impact of Globalization on UGC Regulated CHB teacher appointments in higher education Institutions”** – A perception study. ICSD- Asia Pacific Branch International conference on Globalization, Development, and Human Security at Thammasat University, Pattaya, Chonburi, Thailand, 18 – 20 October 2006
2. **A study on the perception of degree college teachers towards Fifth pay UGC’s regulation formulated for selection of Lecturer keeping in view Implementation of sixth pay regulations based on globalization in higher education.”** National level conference held at Hinduja College, Mumbai, March 2010
3. **Impact of globalization on UGC regulated teacher appointments in higher education institutions - A perception study”**. National level conference held at Pragati College, Dombivali, 15, Jan 2011

4. “Effective use of UGC Regulation, 2010 for college governance”- UGC sponsored National conference for principals, Hinduja College, Mumbai. 25<sup>th</sup> Nov, 2011
5. **“A study of B.Ed curriculum impact on Entrepreneurship development among student teachers” organized by ICSSR, UoM and Amlani college sponsored International Conference on ‘Extension Education and Rural Communities’ (ICERC-2013) held on 6<sup>th</sup> & 7<sup>th</sup> April, 2013**
6. **“Study of professional standards to enhance teacher professionalism: the demand of global era”** organized by ICSSR, UoM and Amlani college sponsored International Conference on ‘Extension Education and Rural Communities’ (ICERC-2013) held on 6<sup>th</sup> & 7<sup>th</sup> April, 2013
7. Research paper entitled **“Perceptions of elementary level school teachers towards the parameters outlined in RTE Act, 2009: A status study”** presented in International conference proceedings on “A Turbulent voyage of rights for Humanity”- 5<sup>th</sup> Oct, 2013
8. **“A status study for educational policy reform: In emerging context of internationalization in higher education and GATS regulations”** paper presented in International Conference organized by Dept of Education, University of Mumbai 8-11 Jan 2014
9. **“HR issues in Higher Education: Key Workplace Challenge for branding and internationalization in education”** paper presented in International Conference organized by JBIMS, Dept of Management Studies, University of Mumbai 6<sup>th</sup> & 7<sup>th</sup> March, 2014.
10. **“Status of Higher Education in Indian institutes at the cross-roads of internationalization”** paper presented in International conference on Emerging Trends in Education on Changing, Challenging and stimulating Education: Empowerment in a globalized Era. Organized by St Teresa College, Santacruz and International Association of Academicians and Researchers (INAAR) on 22<sup>nd</sup> and 23<sup>rd</sup> August, 2015
11. **“Status study of Mumbai city HE institutions in view of Internationalization: Urgent need to formulate effective domestic and internal policies in India”** paper presented in International conference on Responsible research in education and management and its impact organized by the London School of Management Education on 13-15<sup>th</sup> Jan, 2016 at grange city hotel, London, UK
12. **“Reforms to evolve system and mechanisms: Imperative in the scenario of Internationalization in higher education”**-presented in 18<sup>th</sup> International Conference of Association of Principals held at Shri Krishna college Coimbatore on 4<sup>th</sup>-6<sup>th</sup> Feb, 2017
13. **“Role of Alumni in Institutional Development and Enhancing the quality of**

**education”**- presented in One Day National Interdisciplinary Conference on Sustaining quality: NAAC new guideline, 2017 held at DAV college Mulund on 17<sup>th</sup> Feb, 2018

14. **“A perception study of UGC regulation, 2010 on maintenance of standards in HE with special reference to B.Ed faculty”** presented in 4<sup>th</sup> International Interdisciplinary conference on Issues, Challenges and remedies of global HE with reference to employability. Held on 16<sup>th</sup> Feb, 2018 at MVM degree college of Commerce and Science at Andheri.
15. **Impact of medical waste on environmental pollution-imperative to study”** presented in International Multidisciplinary Conference on commerce, Management, technology, Engineering and environmental sciences, held at Andheri Centre of JKT University Rajasthan. On 18<sup>th</sup> Nov, 2018

#### ***Humanities and Social Sciences:***

1. **‘Educating youth for river rejuvenation with river basin approach as an initiative to combat issues of Climate Change’** Resources for Teaching Climate Change – materials being developed to facilitate the teaching of climate change. Under the Theme: Trends in Sustainability Education and Policy. CUNY Conference on Climate Change Education Program. City University of New York US on Zoom on 22-23 April, 2021
2. **“Exploring the implications of sedimentation and pollution of Ganges on rich Vaishnava culture of Panihati in West Bengal, India and mobilization of locals for restoration initiatives”** Advances in Climate Science – topics to keep educators up-to-date about existing research in climate science. Presented at City University of New York (CUNY) Conference on Climate change education (C4E) on Zoom on 22-23 April, 2021
3. **“Revisiting Gaudiya Vaishnavism by reconnecting people with the glorious past of Panihati by focusing on the expansion of ISKCON Centre in Mayapur” paper presented in a** National Conference on “Sustainable development goals for India’ organized by Sahikshanik Samupdeshan ani Sahayta Kendra, Jalna Maharashtra. 28<sup>th</sup> April, 2021.
4. **“Challenges in ecological restoration of Rivers in India”** presented in World Water Conclave 2022 organized by People’s World Commission on Droughts and Floods, Gammalkilsvaagen, 18, Ulrika, Sweden, EU held at JRN Rajasthan University, Udaipur on 8<sup>th</sup> Dec, 2022.
5. **“Imperatives of Science of Sewage degradation for designing efficient wastewater treatmentsystem: Beyond conventional approach to sewage management”** paper presented in 13<sup>th</sup> International Conference on Sustainable Waste Management & Circular Economy and IPLA Global Forum 2023 organized by International Society of Waste Management, Air and Water (ISWMAW) at K J Somaiya Institute of Management, Vidyavihar, Mumbai Maharashtra 29 Nov to Dec 02, 2023

## LIST OF RESEARCH PUBLICATIONS IN NATIONAL/INTERNATIONAL JOURNALS/CHAPTERS IN BOOKS/PROCEEDINGS

1. Some facts about breeding of Angel Fishes. **Sea – Food Export Journal**. ISSN 0037-010X, Vol. XXIV No. 1: 40-42. March 1992
2. Accumulation and depuration of petroleum hydrocarbons from WSFs of Bombay High crude oil by the marine bivalve *Gafrarium divaricatum* (Gmelin). **Journal Marine Biological Association of India**. ISSN 0025-3456, Vol. 43,(1 & 2): 197 – 201. 2001.
3. Comparative studies on acute toxicity of water soluble fractions of Persian Gulf and Bombay High crude oil on *Gafrarium Divaricatum* [Gmelin] **Journal Pollution Research** ISSN 0257-8050. Vol. 21(1): 31 - 34. 2002
4. Changes in digestive diverticula of *Gafrarium Divaricatum* after exposure to water soluble fraction of a crude oil. **Proceedings of the National Seminar on Creeks, Estuaries and Mangroves Pollution and Conservation**. Published by Zoology Dept, Bandodkar College, Thane. Pp. 182-185. 2002
5. Relative sensitivity of marine clams to water soluble fractions of crude oil. **Prospects and Problems on Environment. Across the Millennium**. – Chapter in Book Edited by Dr. M.N. Madhyastha. Daya publication. Delhi. ISBN 81-7035-299-1. Pp. 169-178. 2003
6. Acute toxicity of water soluble fractions of crude oil to the clam *Gafrarium divaricatum* in relation to seasonal changes. **Journal of EcoBiology**. ISSN: 0970-9037. Vol. 16. 2004. pp 309-315
7. Histopathological changes in gill of *Gafrarium divaricatum* (Gmelin) exposed to sub-lethal concentration of WSF of a crude oil. **Journal Marine Biological Association of India**. ISSN 0025-3456, 48 (2): 185-189, July-December 2006
8. Effects of seasonal changes upon the bioaccumulation of WSFs of crude oil on marine clams. **Environmental Degradation and Management book, Editors K S Vishwakarma and K C Soni, published by Society for Science and Environment. Vol. 2, pg. 1-12, ISBN-81-85543-06-2, 2006**
9. Effect of seasonal ambient temperature variations on biochemical constituents of *Gafrarium divericatum* exposed to WSF of Bombay High crude oil. **Environmental Degradation and Management, Editors K S Vishwakarma and K C Soni, published by Society for Science and Environment. Vol. 2, 115-124, ISBN-81-85543-06-2, 2006**
10. Burial response of *Gafrarium divaricatum* after exposure to sediment contaminated with Persian Gulf crude oil. **J. Ecophysiol. Occup. Hlth.** 7 (2007) 49-53. The Academy of Environmental Biology, India
11. Impact of Globalization on UGC Regulated CHB teacher appointments in higher education

- Institutions – A perception study. University News, **Journal of Higher Education**, Vol. 46 No. 11, pg 12-16. ISSN-0566-2257, March, 2008
12. Pharmacological potential of pericarp of Ricinus communis. **Journal of Bio Chemical Science**, ISSN 2230-8474, Vol.1 issue1, Jan 2011
  13. Need of significant shift in college governance: role of principals- www.pgspcf.org **PDFARDIJ [ONLINE]** Feb, 2012, 3(4);(P) 19 – 29 Page |29
  14. ‘A perception study towards UGC’s Sixth Pay Commission regulations for Degree College Teachers’: A measure for maintenance of standards in Higher Education Institutions, **Journal of Educational Planning and Administration** ISSN 0971-3859, no. 45878/87 Vol. XXVI No. 2, April 2012
  15. “A Study on the seasonal changes in protein profile of *Dosinia fibula* during exposure to water soluble fraction of Bombay high Crude oil”. Paper published in **Proceedings of International Conference** held at Srilanka ‘Eco Revolution2012 Colombo’ issue of **ISBN 978-81-920413-2-8** pg 159-161, Aug, 2012
  16. “A Study on the changes in protein profile of *Dosinia fibula* during exposure to water soluble fraction of Bombay high Crude oil”. **International Journal of Pharmacology and Biological Sciences** Issue no. 4012, Vol. 6 (2), pg 27-34 ISSN- 0973-6808, Aug 2012
  17. Histopathological changes in gills and digestive diverticula of *Dosinia fibula* (Reeve) exposed to water soluble fractions of Bombay High crude oil- Chapter in **Environ. Life Sci.** book Editors Dr Kamini Rawal and Dr Ram prakash published by Society for Science and Environment. (2012) 51-67 **ISBN- 81- 85543- 11-9**
  18. A stress study of undergraduate Commerce students on backdrop of newly introduced credit system for performance review- **Applied Research and Development Institute Journal PDFARDIJ [ONLINE]** 2013, 8(2) ;( P) 18 – 26 ISSN 2249-8354
  19. Article titled, ‘An Effective education for better future’-Use of Technology, of **International Journal of PDFARDIJ**, August 2013, 9(1) pg 1-8. ISSN 2249-8354
  20. Research paper entitled “Perceptions of elementary level school teachers towards the parameters outlined in RTE Act, 2009: A status study” **published in International conference proceedings** on “A Turbulent voyage of rights for Humanity”, pg 415-424 **ISBN 978-93-5142-130-6**, Oct, 2013
  21. Published paper entitled “Professional standards to enhance teachers professionalism- Demand of Global era” in **international conference proceeding**, ICERC. Vol 1, pg 139-149. **ISBN 978-93-83072-07-1**. Nov, 2013
  22. “A status study for educational policy reform: In emerging context of internationalization in higher education and GATS regulations” paper presented and

published in proceeding of International Conference organized by Dept of Education, University of Mumbai 8-11 Jan 2014

23. **“A Study on the histopathological changes in tissues of *Dosinia fibula* exposed to water soluble fraction of Bombay high Crude oil”**. Chapter published in book entitled Current Trends in life Sciences, **published by Lambert Academic publishing** pg. 23-34 ISBN 978-3-659-41262-2. 2013
24. **“Study of socio-economic status as a determinant of personality and emotional intelligence of standard X students”**. International Journal of Education and Management Studies, June 2014, 4(2), pp. 108-112 ISSN-p-2231-5632e-2321-3671
25. **“Role of teacher for Peace education”** National Seminar proceedings published by PVDT College of Education for Women, SNDT University on “Education For Peace” pg 09-13 April, 2014
26. A Study on ‘Workload as a stress related factor in CBSE secondary school teachers’ with reference to understanding the implications of CCE system. **International Journal of Education and Management Studies**, Vol.4 Issue 3 pg 222-227, ISSN-p-2231-5632e-2321-3671 **Sept, 2014**
27. **“HR issues in Higher Education: Key Workplace Challenge for branding and internationalization in education”**. **International Journal of Education and Management Studies**, Vol.4 Issue 3 pg 197-202, ISSN-p-2231-5632e-2321-3671 **Sept, 2014**
28. **“School type and Self-esteem: A study of influence of Muslim minority students”** published in **Radix International Journal of Research and Social Science**, Vol. 2 Issue-9 pp. 14-18 ISSN 2320-1738 Sept, 2014
29. **“International Trends in Indian Higher Education: Urgent need for effective domestic and internal policy formulation”** **Radix International Journal of Research and Social Science**, ISSN 2320-1738 Nov, 2014
30. **“The effect of playing gadget on creativity, self-concept and achievement motivation of adolescents.”** **International Research Journal of Commerce, Business and Social Science**, IRJCBSS, Vol. III, Issue 1, April 2014, ISSN: 2277-9310,p-42.
31. **“Need for strategic reforms in Governance through policy formulations: In view of poor status of internationalization in Indian Higher Education”** published in **International Journal of Education & Management Studies**, March, 2015
32. **“Status of Higher Education in Indian institutes at the cross-roads of internationalization”** published in **International Journal of Multidisciplinary Research**

33. **Chapter on “Biodiversity study of Bhatsa river near Khadavli village, Kalyan Taluka”** published in book entitled Environmental problems and sustainable development- Book edited by Dr Pandurang Patil, published in 2015 by Swastic publication ISBN-978-93-83762-00-2 pg. no. 81-105
34. **“Efficacy study of mandatory rain water harvesting policy implementation by BMC as an alternative water resource facility for Mumbai city” International Research Journal of Natural and Applied Sciences** Volume-2, Issue-5 (May 2015) IF- 2.818 ISSN: (2349-4077) A Monthly Double-Blind Peer Reviewed Refereed Open Access International e-Journal - Included in the International Serial Directories International Research Journal of Natural and Applied Sciences (IRJNAS) Website: [www.aarf.asia](http://www.aarf.asia). Page 77
35. **“Impact of mangrove pollution and devastation: a study for sustainable measures” International Research Journal of Natural and Applied Sciences** Volume - 2, Issue- 6 (June 2015) IF- 2.818 ISSN: (2349-4077) A Monthly Double-Blind Peer Reviewed Refereed Open Access International e-Journal - Included in the International Serial Directories International Research Journal of Natural and Applied Sciences (IRJNAS) Website: [www.aarf.asia](http://www.aarf.asia). Page 178
36. **“A gender-wise study of relationship of school type and self-esteem of Muslim students”** published in conference proceeding of LSME International Conference on Responsible Research in Education and Management and its impact, held at UK. Pg 137-152. Oct, 2016
37. **“Status study of Mumbai city higher education institutions in view of internationalization: Urgent need to formulate effective domestic and internal policies in India”** published in conference proceeding of LSME International Conference on Responsible Research in Education and Management and its impact, held at UK. Pg 331-345. Oct, 2016
38. **“Rain water harvesting emerged as a viable alternative for sustainable development- Mumbai Suburban” International Journal of advanced Research in Biological Sciences**. Coauthored in ISSN:2348-8069 [www.ijarbs.com](http://www.ijarbs.com) Vol 3, Issue 11-2016 pg 47-52 Peer reviewed referred journal
39. Marathi madhyamik shalatil abhyaskramatun vidyathan madhe jeevan kaushalya vikash-vishleshnatmak abhyas (Marathi medium secondary school students Life skill

**development through the curriculum- A critical study)** Vidyawarta: **Interdisciplinary Multilingual refereed Journal**, Issue-16, Vol-06 pg 96-101, Impact factor-4.014 ISSN: 2319-9318 MAH/MUL/03051/2012, Oct-Dec, 2016 Peer reviewed referred journal

40. **Reforms to evolve system and mechanisms: Imperative in the scenario of internationalization in higher education.** Proceedings of 18th International conference of Association of Principals held at Shri Krishna college Coimbatore on “The role of higher education in national and International development” held on 4th-6th Feb, 2017 Pg 37-47
41. **“Impact of medical waste on environment pollution-imperative to study”:** coauthored in Galaxylink ISSN 2319-8508- Impact factor 4.361 (www.sjifactor.com) Volume VI Issue -1- Nov-April 2017-18. Pg 119-124 Peer reviewed referred and UGC listed journal
42. **“Role of Innovations and creativity”-** Centrum Vol 10. Issue-2 (II) July 2017, ISSN No. 2231-1475 Peer reviewed referred journal
43. **Marathi Madhyamic Shalatil abhyaskramatun vidyarthyanmadhye jeevan kaushalyancha antargat samajik kaushlaya vikas – ek vishleshnatmak abhyaas –An International peer reviewed Scholarly Research Journal for Interdisciplinary studies.** Referred journal July-Sept, 2017 Vol. 6, Issue-33 online ISSN-2278-8808 printed ISSN 2319-4766 SJIF2016- Impact factor 6.177 UGC approved Sr. no 45269 pg 272-284
44. **“A study of the perception of UGC regulation, 2010 on Minimum qualification for the appointment of teachers with special reference to B.Ed faculty”** Coauthor in **International journal of research and innovation in Applied Science** (IJRIAS) Vol III, Issue I, Jan, 2018 ISSN 2454-6194 pg 1-6. Peer reviewed referred journal
45. **“Heavy metal pollution correlation with mangrove (Avicennia marina) carbon sequestration in Dahisar creek of Mumbai region, India”.** **Ecology, Environment and Conservation International Journal**, Vol. 24 ISSN 0971-765X. pp. S348-S352. Feb. 2018 Peer reviewed referred journal
46. **“Water pollution association with mangrove carbon sequestration in Mithi river”.** **Ecology, Environment and Conservation International Journal**, Vol. 24 ISSN 0971-765X. pp. S152-S158. Feb. 2018 Peer reviewed referred and UGC listed journal
47. **Role of Alumni in Institutional Development and Enhancing quality of education-** published in **Management Guru: Journal of Management Research** Vol.VI, Issue no. 2. March 2018 ISSN 2319-2429 pg 192-196 UGC listed Journal SI. No. 616 Journal no. 45007 Peer reviewed referred journal
48. **Study of Socio-economic conditions of fisherman in Wada Taluka, District Palghar, Maharashtra - International Multidisciplinary Quarterly Research Journal AJANTA -** Peer reviewed referred & UGC listed journal. Volume-VII, Issue-I-January-March 2018. ISSN

49. **Role of Access of Muslim to bank credit for inclusive growth.** International Multidisciplinary Quarterly Research Journal AJANTA Volume-VII, Issue-I-January-March 2018. ISSN 2277-5730 Impact factor 5.2 (Co-authored). Peer reviewed referred and UGC listed journal Journal no. 40776
50. **People awareness on Mangrove Conservation policies and its Implementation-Mumbai city.** Co-author. Published in Indian Journal of Environmental Protection Vol. 38, No.7, July 2018. Pg 606-610. Published by Kalpana Corporation ISSN0253-7141. Indexed in Scopus & SJR 0.126 IF 0.098 & UGC care listed peer reviewed journal
51. **“A perception study of UGC regulation, 2010 on maintenance of standards in HE with special reference to B.Ed faculty”** published in GENIUS-International Multidisciplinary half yearly research journal. Vol-VI, Issue-II part IV. ISSN-2279-0489 Feb-July, 2018. pg 97-106 UGC listed journal no. 47100. Peer reviewed referred journal
52. **“Effective Biomedical waste management techniques for a safe environment”** Co-authored in International Multidisciplinary Quarterly Research Journal AJANTA Volume-VII, Issue-IV-October -December 2018. ISSN 2277-5730 Impact factor 5.5 (www.sjifactor.com) Peer reviewed referred and UGC listed journal
53. **“Study of Physico-Chemical Status for Augmentation of Kamvari River Flow and Restoration of Water Quality in Bhiwandi City (MS)”** Acta Scientific AGRICULTURE (ISSN: 2581-365X) Volume 4 Issue 8 August 2020
54. **“Impact of cattle shed waste water on aquatic biota and human health”** chapter published in book entitled **Being Human: Ethics & Environment** published by V L Media Solutions New Delhi ISBN 978-93-87916-93-7 pg. 73-84. Sept, 2020.
55. **“Analysis of heavy metals pollution in Kamvari river and water bodies in Bhiwandi city (MS) for institutionalizing remedy”** published in **International Journal of Recent Scientific Research** Impact factor 7.3. Vol II, Issue 10 (B), pp. 39849-39853. [www.recentscientific.com](http://www.recentscientific.com) ISSN 0976-3031. CODEN: IJRSFP (USA) Oct, 2020
56. **“Environmental impact of Sedimentation and pollution of Ganges on rich Vaishnava culture of Panihati in West Bengal ”**, **International Journal of Emerging Technologies and Innovative Research** (www.jetir.org), ISSN:2349-5162, Vol.8, Issue 2, page no.1106-1118, February-2021, Available :<http://www.jetir.org/papers/JETIR2102132.pdf>
57. **“Revisiting Gaudiya Vaishnavism by reconnecting people with the glorious past of Panihati by focusing on the expansion of ISKCON Centre in Mayapur”** **Research Journey-International E-Research Journal**, Impact factor 6.625, E-ISSN 2348-7143, Peer

reviewed and Indexed Journal Special Issue-264 'India's sustainable Development Goals in 21<sup>st</sup> Century', April 2021. pg 6-15

58. **Bhiwandi Talukyatil Gramin bhagachya samajik va arthik vikas: Gramswaraj karita ek prakaran abhayas**” translation **“Bhaiwandi Taluka rural region socio-economic development: A case study for Gramswaraj”**. **Research Journey-International E-Research Journal**, Impact factor 6.625, E-ISSN 2348-7143, Peer reviewed and Indexed Journal Special Issue-264 'India's sustainable Development Goals in 21<sup>st</sup> Century', April 2021. pg 342-349
59. **“A study on need of financial inclusion of women through systematic investment plan in Bhiwandi city”** Available Online at <http://www.recentscientific.com>. International Journal of recent scientific research. Vol. 12, Issue, 06 (B), pp. 41979-41983, June, 2021. ISSN 0976-8081 CODEN:IJRSPF (USA)
60. **"Potential use of NEP 2020 recommendations for water literacy, river rejuvenation & climate change resilience"** chapter in edited book entitled "Education Commission of India with ISBN No 978-93-92267-24-6. Thompson Press, Delhi 2022 pg. 117-123,
61. **“Western Odisha Tribals fights for water rights: Mining, Industry pollution and slurry pipe lines choking Baitarani and other rivers to death”**. Souvenir Water Colors of rejuvenation. 1<sup>st</sup> general assembly at Puri Odisha. May 8-9 2023. Community-centered nature rejuvenation, climate change mitigation, adaptation and resilience. Organized by Lok Sevak Mandal. Pg 83-87
62. **“Imperatives of Science of Sewage degradation for designing efficient wastewater treatment system: Beyond conventional approach to sewage management”** published **Research Article in International open access peer reviewed journal. Medicon Agriculture & Environmental Sciences**, Volume 6 Issue 6 June 2024, ISSN: 2972-2691 pg 29-41. 1.838 ISI IF.
63. **“Metagenomics study of Kamvari river and Varal devi Lake in Bhiwandi, Maharashtra to apply nature based strategies to human-induced challenges of untreated sewage discharge and enhance the climate change resilience”**. Medicon Agriculture & Environmental Sciences, Volume 8 Issue 6 June 2025, ISSN: 2972-2691 pg 01-35.

#### **BOOKS AUTHORED/CO-AUTHORED:**

- 1- Authored book entitled **“UGC Pay Commission regulation study: Sixth pay regulation”** by international publisher Lambert publication with ISBN No. 978-3-659-48702-6, Nov, 2013
- 2- Authored book entitled **“Effect of crude oil on marine clam” Vol I Acute and Chronic toxicity effect**” by international publisher Lambert publication with ISBN No. 978-3-659-

50154-8, March, 2014

- 3- Authored book entitled **“Effect of crude oil on marine clam” Vol II Physiological and biochemical effect**” by international publisher Lambert publication with ISBN No. 978-3-659-30129-2, July, 2014
- 4- Authored book entitled **“Effect of crude oil on marine clam” Vol III Histopathological changes and impact of seasonal changes**”, by international publisher Lambert publication with ISBN No. 978-3-659-53264-1, July, 2014
- 5- Authored book entitled **“UGC’s Fifth pay commission regulations: Perspectives of degree college teachers**” by international publisher Lambert publication with ISBN No. 978-3-659-61355-5, Nov, 2014
- 6- Co-authored book entitled **“Perspectives on Globalization of higher education: Opportunities and challenges**” by international publisher Lambert publication with ISBN: 978-3-659-46780-6, April, 2015
- 7- Authored book entitled **“Internationalization in Higher Education-Practitioner perspectives in Indian scenario”** Vol-1 by international publisher Lambert publication with ISBN: 978-3-659-90811-8, July, 2016
- 8- Co-authored Marathi book entitled **“Marathi madhyamik shalantil abhyaskramatun vidyarthiyamadhe Jeevan Kaushlaya vikas -ek vishleshnatmak abhyas”** i.e Life skill development through Marathi Medium school curriculum -an analytical study. Harshvardhan Publication Pvt. Ltd. ISBN: 978-93-86778-84-0. May, 2018
- 9- Authored **“The Agony of River”** – Book on Experiences of working for River rejuvenation (Ganga and other rivers), ISBN: 978-93-5321-853-9 Published and printed by Shree Halari visa Oswal College of Commerce 142 pg published in June, 2018
- 10- **Co-authored book entitled “Pollution affect mangrove carbon sequestration”** ISBN: 978-93-5351-105-0 Published and printed by Shree Halari visa Oswal College of Commerce 122 pg published in Jan, 2019
- 11- **Authored Book entitled “Efficacy study of UGC regulations”** ISBN: 978-81-938567-5-8 by Aarhat publications, Badlapur, India. Pp 132 February 2019
- 12- Booklet on **“Remedial explorations for Kamvari river in Bhiwandi”**. Bhiwandi ISBN 978-93-5361-498-3 April 2019
- 13- Authored Book entitled **“Resurrection of waterbodies with community driven initiatives policies & education”** Glimpses of activities for guidelines. ISBN:978-93-5419-869-4. Publisher MBGD College Bhiwandi. Nov, 2020.

#### **EDITORED PROCEEDINGS/JOURNALS**

- 1- Proceedings of Nexus-2015 conference held on subject entitled **“Food, water crisis and Waste Management for sustainable development”** held at GEV, Palghar in Nov 29-30, 2015

- 2- Responsible Research in Education and Management and its Impact- Scholarly contribution to the International Conference proceeding as organized by London School of management Education, London UK 15<sup>th</sup> Jan, 2016
- 3- National Conference on Eco-Ethical Integrated Sustainable Solutions for water crisis- NEXUS 2016 National water convention held at BSE Mumbai. Proceedings published in **Management Guru: Journal of Management Research. International Journal approved by UGC.** Vol. VI Issue no. 7 August 2017 Special issue. Sharayu Prakashan. ISSN2319-2429
- 4- **An International Multidisciplinary Quarterly Research Journal AJANTA Volume-VII, Issue-I- Part I** January-March 2018. ISSN 2277-5730 Impact factor/Indexing 2017-5.2. Peer reviewed Referred and **UGC listed Journal** (Journal no. 40776). [www.sjifactor.com](http://www.sjifactor.com)
- 5- **An International Multidisciplinary Quarterly Research Journal AJANTA Volume-VII, Issue-I- Part II** January-March 2018. ISSN 2277-5730 Impact factor/Indexing 2017-5.2. Peer reviewed Referred and UGC listed Journal (Journal no. 40776). [www.sjifactor.com](http://www.sjifactor.com)
- 6- Proceedings of National Conference on “River Rejuvenation & Water Management with Policy perspectives” ISBN No. 978-93-5382-939-1. Held at Thakur College, Mumbai. 19th Sept, 2019
- 7- Sujal Bharati Sacred waters of India. Indian Penninsular River Basin Council. March -May 2022 Vol 1. Special Bulletin

#### **FUNDS PROCURED FROM VARIOUS AGENCIES FOR RESEARCH AND INFRASTRUCTURE DEVELOPMENT**

- 1- Rs 2 Crores from UGC for Girls Hostel in Ghanashyamdas Saraf Girls college, Malad Mumbai-2006
- 2- Rs 11.5 Lakhs Seed money for Travel and tourism course- 2006
- 3- Rs 30,000/ for minor research project from Mumbai University-2010
- 4- Rs 50,000/- From ICSSR for conference on social relevant issues-2016
- 5- Rs 5 Lakhs from NEERI for International workshop at Oswal college-2017
- 6- Rs 5 Lakhs approved by Bhiwandi Corporation for Kamvari River scientific and social diagnosis- Jan, 2019
- 7- 50 Lakhs from Express Industries Council of India worth infrastructure and equipment for establishing Skill Development Centre of Logistics, May 2019

#### **MAJOR PROJECTS**

- 1- Ground Water recharge and sustainable development projects funded by- National Engineering

and Environmental Research Institute in August 2017 (5 Lakh)

- 2- Kamvari River rejuvenation project funded by Bhiwandi Corporation -December 2018 (5 Lakh)
- 3- Thane region River rejuvenation (KDMC, Waldhuni-Ulhas river) project conducted under DPDC fund of Thane Collector office approximately. 48 Lakhs
- 4- Mumbai Rivers rejuvenation (Mithi, Poisar, Dahisar, Oshiwara-Walbhut) project. 42 Lakhs (5 lakhs advance received)
- 5- Proposal submitted for CSR fund to IT Industry for Kamvari river clean up and rejuvenation, worth 5 crore
- 6- Rural and Urban STP/SBT projects in Municipal and Grampanchayat areas

#### **MINOR PROJECT WORKS CONDUCTED:**

1. **“Management of toxicity with herbs”**. During Refresher course in Biosciences, at Ruia College, Mumbai. 10 to 31<sup>st</sup> Oct 2002
2. **“Strategic Planning In Higher Education”**. SNDT University for PGDM Course. October 18<sup>th</sup> 2003
3. **“Implications of New Education Policy (NEP) In Higher Education”**. SNDT University for PGDM Course. December 15<sup>th</sup> 2003
4. **“MIS – A case study”**. SNDT University for PGDM Course. January 17<sup>th</sup> 2004
5. **“Curriculum Evaluation”** SNDT University for PGDM Course. January 29<sup>th</sup> 2004
6. **“A survey study to identify conditions of street children”**. A research study proposal submitted for research grant to National Commission for protection of child rights, New Delhi. 2007-08
7. **“Biodiversity of Bhatsa River, near Khadavli station”**. Minor research project proposal sanctioned by University of Mumbai for research grant. Feb 2012 and report submitted on July, 2012 (30 K)
8. Research proposal for biodiversity awareness and conservation approved and sponsored by **BAIEF, Ministry of Environment and Forest Govt of India for the National Environment Awareness Campaign (NEAC), Nov, 2013 (10K)**
9. **Research proposal successfully done and got West Bengal Panihati Ganga Ghat (Dandamahotsav tala and Guarang ghat) recognized by West Bengal Heritage Commission. (2 Lakh)**

#### **Research and Consultancy:**

- 1- Invited by Kalyan Municipal Corporation and Water Resource department to conducted audit of polluting Waldhuni and Ulhas rivers for working on sewage pollution issues and solution for future needs of water. Alternative water and Garbage dumping issues work in progress 2022-2024

- 2- Invited by Bhiwandi Municipal Corporation, Thane Dist. Maharashtra to conduct audit of Kamvari River basin to resolve issues of sewage pollution and gaps in STP functioning and provide nature based solution.
- 3- Invited by Dainik Bhaskar News Media in Indore to conduct audit of Saraswati and Kanh river with regards to impact of conventional STPs and current status of the rivers from its origin to confluence in Kshipra. 29-30<sup>th</sup> May, 2024
- 4- Invited by Altech Foundation and Blue Drop Pvt. Ltd on 3-6<sup>th</sup> June, 2024 to conduct audit of Arakavathi river basin in Bengaluru to resolve issue of TG Halli reservoir water contamination
- 5- IIT Bombay interns are regularly guided and involved in State Irrigation and Water Resources department, Maharashtra govt. river rejuvenation projects in Thane region.

#### **RESEARCH WORK GUIDED for PhD and PG dissertation:**

**Education:** 9 students are awarded PhD (7 University of Mumbai, 1 JJT, 1 AMET), 5 are registered. 15 students successfully guided at PG in Education Management (SNDT University) and 2 for MBA (YCMOU)

1. *“A study on the perception of ICSE school teachers towards teaching-learning strategies in context to the interest generated in students”*. Research work submitted to SNDT University for PGDEM course by a school principal. 2005-2006
2. *“A perception study with respect to the awareness regarding introduction of grading system in secondary schools of SSC board”*. Research work submitted to SNDT University for PGDEM course by a B. Ed college principal. 2005-2006
3. *“Study of Newly formulated UGC regulation for Lectureship- Perception of Degree College teachers”*. Research work submitted to SNDT University for PGDEM course by a Senior lecturer of Degree College in 2006-2007
4. *“A study on the perception of primary teachers towards the impact of performance appraisal with regard to teacher development and institutional development “*. Research work submitted to SNDT University for PGDEM course by a school teacher. 2007-2008
5. *“A study towards evaluation of P. V. Polytechnic Diploma course Interior Design syllabus”* Research work submitted to SNDT University for PGDEM course by a Lecture of P. V. Polytechnic, Dept. Interior Design. 2007-2008
6. *“Impact of globalization on selection criteria of Lectureship”* Research work submitted to College of Management, ICME, Pune for MBA course in Human relations by a senior Lecture in 2007-08
7. *A study on the continuous and comprehensive mode of evaluation at the primary level in north Mumbai CBSE schools*. Research work submitted to SNDT University for MA in education course by an International school Principal. 2009-2010.

8. A Study on *'Workload as a stress related factor in CBSE secondary school teachers'* Research work submitted to SNDT University for MA in education course by a International school Supervisor. 2009-2010.
9. *A critical analysis of the existing Online Transnational Education System and the effectiveness of its curriculum on students in the developing world with emphasis on employment-* PhD work pursued by industry personal at JJT University, Rajasthan. November 2010 onwards
10. *An investigation into the secondary level Curriculum of CBSE ICSE and SSC boards across schools in Mumbai: A status study.* PhD awarded. JJT University, Rajasthan. April 2013
11. Efficacy study of new Bed curriculum for development of Teaching attributes- Pursuing PhD Mrs Thete 2013 onwards
12. Comparative study of online and regular mode of Bed education for teaching skill development – Pursuing PhD Mrs Pradnya Khopkar. 2013 onwards
13. *"A study of creativity in relation to self-concept and achievement motivation of adolescents"* March 2014. PhD awarded by Mumbai University, Fatemeh Behdarvand (Iran)
14. *"An analytical study of Professionalism among the teachers of high schools in Mumbai"*, University of Mumbai- Dr Seema Nair PhD awarded April 2015.
15. *"An investigation into the type of schooling, parental socio-economic status and its relationships with emotional intelligence, self esteem and personality of the Muslim students"* University of Mumbai- Dr Arundhati Agnihotri PhD awarded April 2015.
16. *"An investigation into the policies outlined by GATS with respect to internationalization of Higher Education in HE institutions: A status study"* Dr Dinesh Kamble, Registrar PhD awarded, Mumbai University, March 2015
17. *Development of life skills among school students through school curriculum*, Dr Jayshree Kale. PhD awarded, University of Mumbai. December 2017.
18. *"A critical analysis of UGC regulation 2010 on minimum qualification for appointment of teachers and measures for maintenance of standards in Higher education with special reference to Bed faculty"* PhD awarded University of Mumbai. Dr Sheetal Kadam May 2018

#### **Science (Zoology)**

19. *"Impact of urbanization and developmental work on biodiversity with special emphasis on fisheries of Bhatsa river at Bhatsa Nagar kalyan Taluka (MS)"* Sachin Sangare pursuing PhD research work. Mumbai University from 2014 onwards
20. *"Mangrove carbon sequestration and pollution study of Mumbai region"* Pravin Shinde, PhD awarded.  
AMET university Oct, 2018
21. *"Environmental and health hazards of Biomedical waste"* Mrs Manjusha Dharma, at JJT

### **Internship guidance for live government projects to support ULBs -2022 onwards**

- 22- IIT Bombay 20 Students (BTec and MTec) of all branches guided on irrigation, waste management, circular economy etc. for Jalsamapad Vibhag, Thane (Water Resource Dept. Govt. of Maharashtra), to strategies future demand of water.
- 23- TISS 2 students guided for creating social impact in PESA villages and optimizing schemes implementation
- 24- Under Unnat Bharat Abhiyan programmes coordinated by IIT Delhi more than 150 students guided for rural development projects in Mumbai and Navi Mumbai regions

### **ARTICLES WRITTEN**

1. “Women’s participation in fishing trade”. Krishi Vidyapeeth. Vol III; Pp:11-12. April;2004
2. “Relevance of EDUCATION MANAGEMENT course for enhancing professionalism in teachers”. Peoples Vision, 2005
3. **“Restructuring Primary Education Curriculum”**. Alive, Delhi Press Patra Prakashan Ltd. March, 2008
4. A Pool of Comprehensive Ideas and Careful observations- A Book Review of “In Search of Touchstone” by Kurhade, M. S. University News, **Journal of Higher Education**, ISSN-0566-2257, 46 (23) pp. 28 June 09-15, 2006
5. **Education Shark-** Sunday mail Times of India dated 10<sup>th</sup> Aug, 2008. This is in response to TOI report regarding Maharashtra Association of Coaching Classes proposal to Govt. of Maharashtra, Education dept. requesting to recognize Coaching Classes as Study Centre so as to enroll students for Junior college education.
6. **“Challenges faced by Night Colleges in Maharashtra:** Exploring alternatives for quality enhancement”. Article published in quarterly Bulletin published by Association of Non-Government colleges. Aug, 2009
7. **“RTI Act, 2005 an Effective Tool to bring better reforms and Governance in education”** Article published in quarterly Bulletin published by Association of Non-Government colleges. May, 2009
8. **‘An Effective education for better future’-Use of Technology** Article published in quarterly Bulletin published by Association of Non-Government colleges. Feb, 2010
9. **‘PhD and Entrance’** views given in Sunday Mail in Times of India dated 30<sup>th</sup> Jan, 2011. This was in response to article given in TOI in context to PET exams for enrolment in PhD
10. **The Academic Credit System: Effectiveness and Relevance-** Article given for publication in quarterly Bulletin published by Association of Non-Government colleges

### **New TV Channel/ paper coverage of extension work and community service.**

- 1- Sadak ke gaddhe ne li yuvak ki jaan- Navbharat 13 July, 2017
- 2- Anjurphata-Chinchoti Mahamargawar Tale- Vidyarthi sarsawle- road repair work in Bhiwandi-Pudhari 21 July, 2017
- 3- Bhiwandit khadde Bharnyasathi Mahavidyalayeen Vidyathi sarsavle- Prahar 22 July, 2017
- 4- College students take up drive to revive lakes, rivers -Indian Express 22 August, 2018
- 5- Bhiwandi college students want civic bodies help to clean water bodies- Indian Express March, 2018
- 6- Students to give lessons on ill effects of pollution – Hindustan times December 15, 2018
- 7- Save Bhiwandi River: College students rope in authorities to chalk out plan- Hindustan Times Mumbai -March 15, 2018
- 8- Jalsanrakshan atiawasyak hai-Rajendra singh- Dainik Yeshobhoomi- 18<sup>th</sup> March, 2018
- 9- Prakriti se anawashyak chedchad ghatak, jal sanrakshan- Navbharat hindi news 14<sup>th</sup> march, 2018
- 10- Paniprashnavar tisre mahayudh petnyachi bhiti -Bhiwandi Dainik Sakal- 23<sup>th</sup> March, 2018
- 11- <https://www.mumbailive.com/en/environment/environment-pollution-kamvari-river-amongst-severalwater-bodies-on-the-verge-of-dying-21577-> 29<sup>th</sup> March 2018
- 12- Jalashay samvardhanasathi bhiwandit jaljagriti rally -Pudhari 18<sup>th</sup> August, 2018
- 13- Kamvari Nadichey shudhhikaran karnar- Mahapor- Nagari Smart Thane- 18 august, 2018
- 14- Don't drop the effort! College students on the way to save polluted water bodies- Hindustan Times- 20<sup>th</sup> August, 2018
- 15- Nadi se nale me badal chuki kamvari nadi ko bachane ka abhiyan shuru- Dainik Dhanush dhari, 18 Dec, 2018
- 16- Bhiwandi ki Prasidh kamvari Nadi Bachao Abhiyan ki shruwat – Suraj Lok Mumbai – 17 Dec, 2018
- 17- Nadi Pradushit rahilyas Nagrikanchya Arogyawar parinaam -Bhiwandi Vartahar Kalyan Dombivali edition- 17 Dec, 2018
- 18- Kamvari Nadi Bachao abhiyan ki shuruwat- Khabren Aaj Tak- 18 Dec, 2018
- 19- Kamvari Nadi Bachao abhiyan ki shuruwat- Navbharat - 18 Dec, 2018
- 20- Kamvari Nadi Bachao abhiyan ki Kawayat shuru- Dabang Duniya- 18 Dec, 2018
- 21- Prayas ek maranasanna nadi ko bachane ki- Mumbai 14 Dec, 2018
- 22- Kamvari Nadi bachao abhiyan ki shuruwat, Yashobhoomi, 19, dec, 2018
- 23- Ganga Sadbhawana Yatra mission Convenor Snehal Donde- Dainik Jagaran 30<sup>th</sup> Jan, 2019
- 24- Machuaron ke gaon pahuchi Ganga Sadbhawan Yatra – Dainik Jagaran Kolkata 30<sup>st</sup> Jan 2019

- 25- Ganga Sadbhavan Yatra ki Team ne dekhi Ganga ki Dasha- Dainik Jagaran Kolkata 31<sup>st</sup> Jan, 2019
- 26- Nadi bhangon- Kolkata NEWZ <https://youtu.be/FbTIE8XhtHc> -4th Jan
- 27- Aaj Mahanagar Pohochehi Ganga Sadbhawan Yatra- Dainik Jagaran- 2<sup>nd</sup> Jan 2019
- 28- News heading- For economical and infrastructural development Adopt policies for periodical dredging: Dr Donde in “Observer” leading News Paper of Tripura- 15<sup>th</sup> Jan, 2019
- 29- Rajeyer Shob nodir deep korte bolen Ganga Sadbhawan – Aaj Kal Tripura -15<sup>th</sup> Jan
- 30- River loosing course : Snehal- Dainik Sambad Largest circulated Bengali daily of North East India 15<sup>th</sup> Jan, 2019
- 31- Times 24 Tripura channel Live Talk show “ Ganga erosion and sedimentation and issues of rivers in Tripura- 16<sup>th</sup> jan, 2014
- 32- Tripura News channels telecast- Hallaboi, Search India TNN, Sristi Tripura- Telecast on 14 Jan, 2019
- 33- Kamvari nadichya rakshanasathi sarsavlyavidyarthini: Nadi kinari sakhali, prashasanache veghle lakshya- Pudhari 27 jan, 2019
- 34- Kamvari nadichya rakshanasathi sarsavlya vidyarthini – Prahar, 27 Jan, 2019
- 35- Tv 9 news channel about Human Chain formed to save river kamvari- 26<sup>th</sup> Jan, 2019

### **COURSE MATERIAL DEVELOPED**

- Self study course material written **in Education Technology, for** MS Education System Management programme for BITS. 2009, 2010
- Masters in wild life and biodiversity, UoM, 2016
- Undergraduate Programme developed in River Rejuvenation and Water Conservation, which is adopted by an Autonomous college affiliated to University of Mumbai Sept, 2019
- Curriculum developed in Natural Resource Management for De-Novo University, ISKCON Nov, 2019

### **PARTICIPATION IN ORIENTATION/ REFRESHER COURSES**

- (i) Refresher Course in Zoology. Institute of Science, Mumbai. 14<sup>th</sup> February to 12<sup>th</sup> March 1999
- (ii) Refresher Course in Bio Sciences ('A' grade). Ruia College, Mumbai. 10<sup>th</sup> - 31<sup>st</sup> October 2002
- (iii) Orientation Course for Programme officer In National Service Scheme (NSS). Tata Institute of Social Science, Sion, Mumbai. 6<sup>th</sup> – 15<sup>th</sup> April 1999
- (iv) PGDEM Course (equivalent to 2 Refresher courses as per GR No. UGC-239/31815/

## **PARTICIPATION IN TRAINING PROGRAMMES**

### **Science:**

- (i) **Training Programme on 'Live Food Culture for Aqua Hatcheries'**. C.I.F.E Andheri, Mumbai. 3<sup>rd</sup> – 12<sup>th</sup> March 1998
- (ii) **Short term course on Modern Instrumental Technique**. W.R.I.C., Kalina, Mumbai 15 – 20<sup>th</sup> December 2003
- (iii) **Short Term course in Marine Sciences** funded by RUSA organized by UGC, HRD University of Mumbai. at Naval War College, INS Mandovi, Verem, Goa. To study Bioactive compounds of sea, Climate change and fishery resources, Numerical modelling of the ocean, Hydrography practices and applications, coastal biodiversity, Antarctic Expedition-past and future, including others. 21<sup>st</sup> Feb to 28<sup>th</sup> Feb, 2018

### **Management:**

- (i) **Faculty Development Programme-** Research Methodology, Developing case study, Pedagogy development, Econometrics, Meta analysis, Big Data- 16<sup>th</sup> April- 22 May, 2018. IIM Indore, MP, India
- (ii) **Leadership for Academician Programme (LEAP)** sponsored by MHRD and organized jointly by UGC-HRDC Jamia Milia Islamia, Delhi and Virginia University, USA from 10<sup>th</sup> – 19<sup>th</sup> March in JMI Delhi & 25<sup>th</sup> -31<sup>st</sup> March, 2019 at University of Virginia.

### **Research Skill & Humanities:**

- (i) Successfully completed PhD Course work from 22 -29 Dec, 2019 conducted by Bhaktivedanat Vidyapeetha Research Centre (BVRC) at Goverdhan Ecovillage, Mumbai. Trained by Faculties from US Universities for conducting research in Humanities.
- (ii) Successfully completed online Certificate course in Overview of Bhagavata Purana overview class of 11week duration -22nd March, to 5th June 2020 organized by Gaurnaam Das Prabhu, Bhaktivedanta Vidyapeeth Research Centre, GEV as part of course work.
- (iii) Successfully completed 12 Week online 20 hours certificate course on “Academic Writing and Critical Thinking” from 23rd May to 8th August 2020. Organized by Bhaktivedanat Vidyapeetha Research Centre, GEV, Mumbai and Instructor Dr

Abhishek Ghosh, World's religion and Hinduism at Grand Valley State University, Michigan USA & University of Oxford & Professor of World Religion, University of Chicago

- (iv) Successfully completed 8 weeks online course on “Research Methodology” with 20hrs instruction conducted by Dr Kenneth Valpey, Oxford Centre for Hindu Studies on Feb 28, 2021.

***Administration & Extension programmes:***

- (i) Regularly attend Principals workshops **conducted by University of Mumbai and Association of Non-Government colleges (ANGC) from Aug 2006 onwards.**
- (ii) **Actively participated in First and Second Term Training Programmes for Extension work teachers**, held at Dept of Adult and Continuing education and extension, University of Mumbai from 2005 to 2008
- (iii) **Attended training Programme for Extension work Field Co-coordinators** organized by Dept of Adult and Continuing education and extension, University of Mumbai from 2005 to 2008
- (iv) Participated in Training programme for Credit System arranged **by Vice Chancellor Mumbai university, at Convocation hall on 24<sup>th</sup> Jan, 2011**
- (v) Participating time to time in Training programme for Credit System, Examination pattern and new technology, Online teaching learning and examinations etc. arranged by Vice Chancellor University of Mumbai, at Convocation hall. 2006 onwards

**Water:**

- (i) Yashwantrao Chavhan Vikas Prashashan Prabodhini. **Pune- 16-19<sup>th</sup> Nov, 2017** Jalnayak training
- (ii) Refresher course on Water conservation at Vardha. Nagpur Organized by YASHDA, Pune. Feb,2020
- (iii) Attending Refresher programs conducted for Jalnayaks in YASHADA, Pune by Water Resource Dept, Govt of Maharashtra from 2015 onwards and most recent on 23 June 2025

**PARTICIPATION IN WORKSHOPS:**

***Science:***

- (i) Workshop on T.Y.B.Sc Revised Syllabus. D.G Ruparel College, Mahim, Mumbai. 13<sup>th</sup> & 14<sup>th</sup> April 1997
- (ii) Workshop on effective implementation on Reservation Policy. Mumbai University. 26<sup>th</sup>

December 2000 & 31<sup>st</sup> January 2001

- (iii) Workshop on F.Y.B.Sc Revised Syllabus. D.G Ruparel College, Mahim, Mumbai 27<sup>th</sup> July 2002
- (iv) Workshop on S.Y.B.Sc Revised Syllabus. M.D College, Parel, Mumbai. 17<sup>th</sup> August 2003
- (v) Workshop on T.Y.B.Sc Revised Syllabus. Mithibai College, Juhu, Mumbai. 22<sup>nd</sup> August 2004
- (vi) Attended and participated in MSc Part-I syllabus workshop on credit system held by BOS, UoM at MD college, Parel, Mumbai on 29<sup>th</sup> Feb, 2012
- (vii) Participated in workshop for students in Curriculum development for TYBSc proposed syllabus in Zoology. Organized by BoS Zoology and University of Mumbai At SIES college 23<sup>rd</sup> Nov, 2017

**Others:**

- (viii) **Participated in workshop for the preparation of the final design for the experimental research project on the use of the computer based functional literacy software developed by Tata consultancy services. Dept of Adult and Continuing education and extension, University of Mumbai 9<sup>th</sup> June, 2005**
- (ix) **Participated in Project design work for Department of Adult and continuing Education and Extension work, University of Mumbai June, 2007**
- (x) **Participated in UGC sponsored one day state level workshop on “Exploring Alternatives in Assessment and Accreditation Processes” at Vaze College, Mulund, Mumbai on 29<sup>th</sup> Nov, 2008**
- (xi) **Participated in one-day workshop organized jointly by ANGC and Bhavan’s college for training teachers and principals for ‘Controlling and Counseling students to Guard against Suicidal behavior’. 22<sup>nd</sup> Feb, 2010**
- (xii) **Successfully completed three months Yoga course from Ambika Yog Kutir, Goregoan branch. 9<sup>th</sup> Nov, 2010 to 9<sup>th</sup> Jan 2011**
- (xiii) **Participated in One Week State Level Training Programme on “Empowerment of IQAC & NAAC New Guidelines” for IQAC co-ordinators and members. Conducted by University of Mumbai & DTSS college in association with IQAC Cluster Maharashtra at Kalina University of Mumbai. From 16<sup>th</sup> to 22<sup>nd</sup> July, 2018**
- (xiv) **Participated in Five-day International Faculty Development Programme in Research Methods in Social Sciences with focus on Cultural Studies, organized by Xaviers College Kolkata, BVRC Kolkata, Kolkata Society for Asian Studies and Dept of**

Ethology, History of Religions and Gender studies Stockholm University. 23<sup>rd</sup> to 27<sup>th</sup> Nov, 2020

- (xv) **Attended webinar ‘Assessors training session regarding Peer Team Visit guidelines’** scheduled on 17-03-2021 conducted by NAAC officials for Revised Accreditation Framework (RAF) in July 2017, there have been key changes in the process of onsite visit which is now more robust, transparent and ICT enabled.

#### ***PARTICIPATION IN SEMINARS/CONFERENCES***

- (i) Participated in 'Round Table conference on **‘Climate Changes, Energy and Environment’: Strategies for India’**. Times of India Bldg, Mumbai. November 2<sup>nd</sup> 2002
- (ii) Participated in two-day National Seminar on **“Debates in Intellectual Property Rights”** Jointly organized by Dept of Civics and Politics, University of Mumbai and Indian Institute of Public Administration. 18 – 19<sup>th</sup> March 2005
- (iii) Attended & participated in one-day State Level Seminar on **“Quality Enhancement Initiates Through Internal Quality Assurance Cell (IQAC)”** Jointly organized by Mumbai University and Rajasthani Sammelan’s Ghanshayamdas Saraf Girls’ College, held at Ghanshayamdas Saraf Girls’ College of Arts & Commerce, Malad (W), Mumbai- 400 064. July 29, 2006
- (iv) Attended & participated in one-day National conference on **“Quality Assessment in Higher Education”** Jointly organized by NAAC and Mumbai University, held at Hinduja College of Commerce, Charni Road, Mumbai. 11<sup>th</sup> November 2006
- (v) **Participated in International conference on “Higher Education: National Policy and Global Perspective”** at KES college, Kandivali, Mumbai on 4<sup>th</sup> Dec, 2010
- (vi) Participated and contributed in 16<sup>th</sup> AICP National Conference on **“Perspectives of Higher Education in the 21<sup>st</sup> Century”** at Ahmedabad. Gujrat on 30<sup>th</sup>, 31<sup>st</sup> Jan and 1<sup>st</sup>, Feb 2015
- (vii) Participated as a speaker ‘Water impact project’ in INDO-US Sustainability Summit 2021 held on 22<sup>nd</sup> March, 2021 on Zoom and inaugurated by Governor of Maharashtra and attended by US & India Consulate Generals and corporate world attended the summit.

#### ***PARTICIPATION IN PET (PhD Eligibility Test) PROCESS AND EVALUATION OF RESEARCH WORK:***

- Invited by Education Management department, SNDT University, Juhu campus, for evaluation of research work of the PGDEM participants. 2005 to 2009
- Regularly invited by MA in education (DE), SNDT University, Juhu campus, for evaluation

of research work and assignment of the participants. 2008 onwards

- Invited by Department of education, University of Mumbai to interview PET qualified students for short listing PhD students for registration. June 2011 onwards.
- Evaluate PhD research thesis at Mumbai University- Jan, 2015 onwards

#### **PROFESSIONAL AFFILIATION/MEMBERSHIP**

- Life Member Underprivilege Teachers Association, since 1993
- Member, Zoology Teachers Association of Mumbai University. 2000 onwards,
- Life Member, Marathi Vidnyan Parishad, Ambarnath region. 2004 onwards,
- Life member of Marine Biological Association of India 2001 onwards,
- Life member of National Council for Senior Citizens Of India, Mumbai-63, 2006 onwards
- Life member Council for Economic Growth & Research, New Delhi- 110055. 2006 onwards.
- Member, International Consortium for Social Development, Asia-Pacific Region, USA. 2006 onwards,
- Life member Association of Indian college principals, Mumbai 400 067. 2006 onwards.
- Life Member and Trustee College of Management, Mumbai, Pune & Nasik, 2006 onwards.
- Life Member and Trustee National Council for Senior Citizens, Mumbai. 2006 onwards
- Life Member, Association of Teachers in Biological Sciences (ATBS) no. LM/0040. 2006 onwards
- Member, Association of Non-Government College Principals, University of Mumbai, August 2006 onwards,
- Vice President Bharat Nari Samaj Kalyan, K S Gupta Foundation, Jan 2009 onwards
- Life member Bahujan Samata Prabodhini (for growth and development of Sc, ST, OBC, minorities and women) Dec, 2009
- Life member ISKCON reg. no. BOM 32757- Sept, 2012
- Life member of Society for Science and Environment, SSE-195. 2012 onwards
- Alumni of Indian Institute of Management Indore-May 2018 onwards
- Life Member of Zoological Society of India (Estd 1938) Regd under society registration Act XXI, 1860, Regd no. 302/2002-2003. Member no. S-228. From Sept, 2018
- Honorary Membership of Rotary Club conferred for contribution in water conservation at national level, on 17<sup>th</sup> June, 2019
- Member of Rotary Club of Bhiwandi from 17<sup>th</sup> July, 2019
- Advisory Board Member of People's World Commission on Drought and Flood (PWCDF), Gammalkilsvaagen, 18, Ulrika, 59053, Sweden, EU. 8<sup>th</sup> Dec, 2022

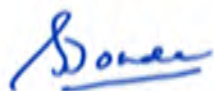
- Member Microbiologist Society, India, 1996 estd. Reg. no. Mah/4814, from 2017 onwards & Chairman Clean and Healthy River Committee from 23/04/2024
- Fulbright Alumni association, Dec, 2024 onwards
- Guard Alliances for Rapid Diagnostics (GARD), Michigan State University, US, March 2024 onwards (South Asia Region)
- International Society of Engineering Asset Management (ISEAM), Brisbane Australia. ABN 85117951532 From Nov. 2024 onwards

#### REFERENCES:

- 1- Dr A D Sawant, Former Vice Chancellor University of Rajasthan, 9821734622
- 2- Dr B A Chopade, Former VC, B R Ambedkar University, Aurangabad, Ph.no. 904948914
- 3- Dr Kalyan Rudra, Chairman, Pollution Control Board, West Bengal. 9433007176

**\*\*For further details please visit my website [www.drsnehal.com](http://www.drsnehal.com), daily activities <https://www.facebook.com/snehal.donde>**

**See all details of work in <https://drsnehal.com>, <https://Youtube.com/@dr.snehal7778>**



**Dr. (Mrs.) Snehal S. Donde**

Date: June, 2025

Place: Mumbai