

DR NILESH D. WAGH
Associate Professor & HoD
Dept. of Environment Science, S. K. Somaiya College,
Somaiya Vidyavihar University, Mumbai 400077
nilesh.wagh@somaiya.edu , dr.nilesh31@gmail.com

❖ **EDUCATION :**

- Certificate Course in Remote Sensing, IIRS, Dehradun, 2015
- Ph. D. Environmental Sciences, NMU, Jalgaon, 2007
- M.Sc. Environmental Sciences, Pune, 2002
- M.Sc. Industrial Chemistry, Jalgaon, 2000
- B. Sc. Chemistry, Jalgaon, 1998



❖ **CURRENT POSITION: Associate Professor and HoD, Dept. of Environment Sciences, S. K. Somaiya College, Somaiya Vidyavihaar University, Mumbai - 400077**

❖ **TEACHING EXPERIENCE: Total Experience: 18 years**

- From 21st August 2017 to 14th March 2023: Associate Professor and HoI (Off.) ASAS, AUM
- July 2007 to August 2017: Assistant Professor: North Maharashtra University, Jalgaon
- Jan 2006 to June 2006: Jain Irrigation Systems Ltd., Jalgaon

❖ **RESEARCH:**

- Research Guidance:
 - Ph. D. : Ongoing 03 Degree Awarded: 01 + 01 Thesis Submitted
 - M. Tech : Ongoing 00 Completed: 09

❖ **RESEARCH PROJECTS :**

Name of Investigator (with PI, CO-PI)	Title of Project	Duration	Amount Sanctioned	Funding Agency
Dr. Nilesh D. Wagh (Principal Investigator)	Cleaning-up of Heavy metal in Contaminated Soil by Using <i>Brassica</i> and <i>Lucerene</i> Species as a Phyto- remediation Approach	2 Years (2011 - 2013)	1.60 Lakhs	UGC
Dr. Nilesh D. Wagh Dr. Dipak S. Dalal (Co- Investigator)	Photocatalytic Degradation of High Energy Material Waste by Using Nanosize Catalyst System	2 Years (2012- 2014)	10.99 Lakhs	DRDO

❖ **CONSULTANCY PROJECTS :**

Sr. No.	Name of Faculty	Company	Purpose	Year	Revenue Generated
1	Prof. S.T. Ingle, Dr. S.B. Attarde & Nilesh D. Wagh	Govt. of Maharashtra	Jalswarjya Abhiyaan	2004 - 2005	1.0 Lakhs
2	Prof. S. T. Ingle, Dr. S. B. Attarde & Nilesh D. Wagh	Govt. of Maharashtra	Total Sanitary Campaign	2006	2.0 Lakhs
3	Dr. Nilesh D. Wagh & Prof. S. T. Ingle	Jalgaon City Muni Corp.	Environmental Status Report	2010- 2011	5.45 Lakhs
4	Prof. S. N. Patil, Prof. S. T. Ingle & Dr. Nilesh D Wagh	Govt. of Maharashtra	EIA of Lower Tapi Medium Irrig. Project, Akkalpada, Dist. Dhule	2011 - 2012	1.47 Lakhs

5	Prof. S. N. Patil, Prof. S. T. Ingle & Dr. Nilesh D Wagh	Govt. of Maharashtra	SIA of Padalse Dam, Tal Amalner, Dist. Jalgaon	2012 – 2013	17 Lakhs
6	Prof. S. N. Patil, Prof. S. T. Ingle & Dr. Nilesh D Wagh	Department of Irrigation, Govt. of Maharashtra	EIA of Lower Tapi Medium Irrig. Project, Mangrul, Dist. Jalgaon	2013 – 2014	08 Lakhs
7	Prof. S. N. Patil, Prof. S. T. Ingle, Dr. S. B. Attarde & Dr. Nilesh D Wagh	Garware Polymers, Aurangabad	Environmental Audit	2015 - 2016	02 Lakhs
8	Prof. S. N. Patil, Prof. S. T. Ingle, & Dr. Nilesh D Wagh	Datta Fertilizers Pvt. Ltd	Environmental Audit	2016 – 2017	02 Lakhs
9	Prof. S. N. Patil, Prof. S. T. Ingle, & Dr. Nilesh D Wagh	EIA of Tapi River Basin	Assessment Study	2018-19	04 Lakhs
10	Dr Nilesh D Wagh	JL Polyesters Ltd. Solapur	Environmental Audit	2021 – 22	0.80 Lakhs

❖ **Reviewer of**

- ❖ Journal of Environment and Chemical Engineering (Elsevier)
- ❖ Agricultural Science Research Journal (Oaji)

❖ **BOOKS / BOOKS CHAPTER/MAGAZINE ARTICLE : 01/05/01 = 06**

- Nilesh D. Wagh and S.T. Ingle, 'Seasonal Variations In Ambient Air Quality In Jalgaon Urban Centre', Envoinformatics, ISBN: 8181891716.Ed. By Arvind Kumar, Daya Publishing House, New Delhi, 2008, 62 – 72
- S. T. Ingle and N. D. Wagh, 'Vehicular Pollution & Health', 'Environmental Security' ISBN: 81-7035-478-1, Ed. By S. R. Garg, IBDC Publications, New Delhi, 219 – 227
- Text Book for NMU. for T.Y.B.Sc. "Environmental Chemistry" by Vrinda Publications, Jalgaon,
- Book: Environmental Biotechnology Applications: ISBN: 978-1-365-15004-3 Published by, Lulu Publication 3101 Hillsborough St, Raleigh, NC 27607, United States. Printed by, Laxmi Book Publication, 258/34, Raviwar Peth, Solapur, Maharashtra, India
- Mr. Shantilal H. Nagare and Dr. Nilesh D. Wagh, 'Economical and Cost-Effective Treatment of Textile Wastewater', Dye Cehm Pharma Bussiness News, Anand Publication, June, 2015, 29 – 32
- Dr Nilesh D Wagh, 'Circular Economy and Sustainable Development Goal Implementation in India', Dream House Publication, ISBN : 98-93-91276-22-5, pg. 289 - 295

❖ **RESEARCH PAPERS:**

1. Ingle S.T., Wagh N. D., Pachpande B. G., Patel V. S. and Attarde S.B. 'Influence of workplace environment on shopkeeper working near highway in Jalgaon urban centre, India', Transportation & Research Part-D, Elseveir, USA, 10,476 – 482, 2005. ISSN No: 1361 – 9209 (UGC Sr. No.1378 & Journal No.34992) Impact Factor: 7.041
2. Ingle S. T, Pachpande B. G, Wagh N.D, Patel V. S. and Attarde S. B., 'Exposure to vehicular pollution and respiratory impairment of traffic policemen in Jalgaon City, India', J. Industrial Health, National Institute of Industrial Health, Japan 43 - 656 – 662, 2005 ISSN No: 0019-8366 (UGC Sr. No.1913 & Journal No.20978) Impact Factor: 2.707

3. Ingle S.T., Pachpande B. G., Wagh N. D., and Attarde S.B., 'Noise exposure and hearing loss among the traffic policemen working at busy street of Jalgaon urban center, India', *Transportation and Research Part-D, Elsevier, USA*, 10, 69 – 75, 2005. ISSN No: 1361 – 9209 (UGC Sr. No.1378 & Journal No.34992) Impact Factor: 7.041
4. Wagh N.D, Pachpande B. G, Patel V. S, Attarde S. B & Ingle S. T., 'Effect of Workplace Environment on Lung Function of Flourmill Workers', *Journal of Occupational Health (JOH)*, 48,396 – 401, 2006. ISSN No: 1341 – 9145 (UGC Sr. No.4015 & Journal No.24954) Impact Factor: 2.708
5. S. T. Ingle & N.D. Wagh, 'Impact of Highway Traffic Pollution on Lung Function of Residential Population in Jalgaon Urban Centre', *Advanced OR AI Methods in Transportation, Transportation Research Circular*,99-102, *European Journal of Operational Research*, 193, 2009, 865 – 866 ISSN No.: 0377 – 2217 (UGC Sr. No.1563 & Journal No.28784) Impact Factor: 5.334
6. Ingle S.T., Pachpande B. G., Wagh N. D., Patel V. S. and Attarde S.B., 'Assessment of daily noise exposure and prevalence of hearing loss in the shopkeepers working near highway (NH-6): a case study of Jalgaon city', *International J. of Sustainable Transportation and Research*, 3,54 – 69, 2009. ISSN No: 1556 – 8318 (UGC Sr. No.781 & Journal No.7644) Impact Factor: 4.069
7. K.F. Khairnar, S.T. Ingle, N.D. Wagh and L.T. Ingale 'Monitoring of Railway Traffic Pollution and Health Effects on Exposed Population' *Nature Environment and Pollution Technology: An International Quarterly Scientific Journal*, Vol.10 (3), 377-384, (2011) Impact Factor: 1.61
8. Deepali Yeole, S.N. Patil, and N.D. Wagh, *Evaluating Pollution Potential of Irrigation by Domestic Wastewater on Fertile Soil Quality of Mamurabad Watershed Area Near Jalgaon Urban Centre, (MS), India*, *Journal of Environment UK*,01,03,84-92,2012. ISSN No: 2049 – 8373
9. Mukesh B Deshmukh, Nilesh D Wagh, Arun K Sikder, Amulrao U. Borse, and Dipak S Dalal, *Cyclodextrin Nitrate Ester/H₂SO₄ as a Novel Nitrating System for Efficient Synthesis of Insensitive High Explosive 3-Nitro-1,2,4-triazol- 5-one*', *Industrial & Engineering Chemistry Research* 2014 53 (50), 19375-19379. ISSN No: 0888 – 5885 (UGC Sr. No.1884 & Journal No.20949) Impact Factor: 3.720
10. C.P. Narkhede, A.R. Patil, S. Koli R. Suryawanshi, Nilesh D Wagh, Salunke B.K., S. V. Patil, 'Studies on endosulfan degradation by local isolate *Pseudomonas aeruginosa*', *Biocatalysis and Agricultural Biotechnology*, Vol. 4(2),259- 265, 2015. ISSN No.: 1878 – 8181(UGC Sr. No.923 & Journal No.14549) Impact Factor: 1.21
11. Dholam Sujit S., Attarde S. B., Wagh N. D., Ingle S. T., 'De-nitrification of Wastewater Using Sludge and Methanolas a Carbon Source', *Universal Journal of Environmental Research and Technology*, Vol.4, Issue 3: 172-177, 2014 eISSN No.: 2249 – 0256 (UGC Sr. No. 260 & Journal No. 45194) Impact Factor: 4.5
12. Pratik M. Kolhe, Sopan T. Ingle & Nilesh D Wagh, "Removal of Phenol at Higher Concentration from Aqueous Medium by Crude Peroxidase Catalysed Reaction Coupled with Hydrogen Peroxide", *International Journal of Advanced Scientific & Technical Research*,5, (3), 70 – 78, 2015 ISSN No.: 2249 – 9954 (UGC Sr. No.4651 & Journal No.47708)

13. Nilesh D. Wagh, Deepak S. Dalal, A.K. Sikder, & Digambar V. Patil, 'Ultraviolet catalysed photo-degradation of RDX by using TiO₂ in aqueous medium coupled with diffused air.' International Journal of Applied Environmental Science (IJAES), 10, (3),2015 pg. 929-937. ISSN No. 0973 - 6077
14. Pratik M. Kolhe, Sopan T. Ingle & N. D. Wagh, 'Review: Degradation of Phenols from Wastewater by Advance Catalysis System.' Annual Research Review in Biology,8(3), 1-15, 2015 (UGC Sr. No. 4799 & Journal No. 48930) ISSN No. 2347 - 565X 15.
15. Krishnakumar Yadav, Nilesh D. Wagh, Madhur A. Manve, 'A Hazardous Waste Management of Industrial Waste for Green Brick Deceit', International Journal of Engineering Research & Technology, 4(10) Oct. 15pp 588 - 591 ISSN No.: 2278 - 0181 (UGC Sr. No.5021 & Journal No. 49139) Impact Factor: 1.76
16. Ankush R. Patil & Nilesh D Wagh, "Study of Cost-Effective Treatment System in Food Processing Industry", International Research Journal of Environmental Sciences, Vol 5(8), 37 - 41, 2016 (UGC Sr. No. 4242 & Journal No. 45402) ISSN No. 2319 - 1414 Article
17. S. N. Patil, Deepali Yeole, N. D. Wagh, 'Evaluation of Surface water Quality and Its Suitability for Drinking & agricultural Use in Jalgaon District, Maharashtra, India', Nature, Environment and Pollution Technology, NEPT, 13(01), 133 - 139, 2014. ISSN No. 0972 - 6268 (UGC Sr. No.678 & Journal No.37350) Impact Factor: 1.621
18. Deepali Yeole, Mohini Chaudhari, Sunayana Meshramkar, Dr. S. N. Patil& N. D. Wagh, 'Role of H₂O₂ in Hyper - Accumulation of Some Heavy Metals from Soil by Lucerne (Alfa - Alfa) Species', Journal of Advanced Science & Technology, 13,109 - 116,2010 ISSN No. 0971 - 9563
19. Wagh N.D, Miss. Poonam V. Shukla, Miss. Sarika B. Tambe & Ingle S. T., 'Biological monitoring of roadside plants exposed to vehicular pollution in Jalgaon City', J. Environmental Biology,27,02, 419-421, 2006. ISSN No.: 0254 - 8704 (UGC Sr. No.869 & Journal No.7384) Impact Factor: 0.78
20. Dhande A. D., Ingle S. T., Attarde S. B., & Wagh N.D., 'Eco-friendly Approach of Urban Solid Waste Management: A Case Study of Jalgaon City, Maharashtra.' Journal of Environmental Biology,26,04, 747-752, 2005. ISSN No.: 0254- 8704 (UGC Sr. No.869 & Journal No.7384) Impact Factor: 0.78
21. A. D. Dhande, S. T. Ingle, S. B. Attarde, N. D. Wagh, M. S. Pawar and H. F. Patil.' Soil Quality Around the MunicipalSolid Waste Dumps around Jalgaon Urban Area.' Bulletin of Env. Sciences, I,13-15, 2004. ISSN No.: 0973-4023
22. Wagh N.D., Pachpande B. G., Kadhare R. D., Attarde S., B. and Ingle S.T., 'Carbon-Monoxide Level in the Ambient Air at Major Road Sides in Jalgaon City,' Indian Journal of Air Pollution Control.I,65 - 72,2003. ISSN No.: 0250 - 5231
23. A. D. Dhande, S. T. Ingle, S. B. Attarde, N. D. Wagh, P. W. Ratod, and H. R. Hiware, 'Effect of Solid Waste Dumping Sites on Groundwater Quality', Bulletin of Env. Sciences, I,7-12,2004. ISSN No.: 0973-4023
24. Hrushikesh Mendole^{1*}, Dr. Prashant Jolhe², Dr. Sanjaykumar Patil¹, Dr. Nilesh Wagh¹, Dr. Sopan Ingle¹, Girish Pangavhane, "Molasses Based Spentwash Decolorization by Coagulation &

Flocculation”, International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 05, May 2019

25. Pratik M. Kolhe, Sanjay N. Patil, Seema P. Bhole and Nilesh D. Wagh, Multi-way Degradation and Process Optimization of Phenol from Simulated Wastewater System, Journal of Geography, Environment and Earth Science International, 23(2): 1-10, 2019
26. Harshala Kasalkar & N. D. Wagh, Use of Agricultural Waste Based Biosorbents for the Removal of Heavy Metal Pollution Form Aqueous Solution A Review, *Nature Environment Pollution Technology*, Vol.21, No. 3 (Sept) 2022 IF 1.61
27. Shailendra Joshi & Nilesh Wagh, “Review on Research on Acoustic Performance of Noise Barriers in Aviation Industry”, *Pollution Research*, ISSN 0257-8050, Accepted 2022 (3) IF 0.62.
28. Namrata Kumari & N. D. Wagh, “Review: A Study on Atmospheric Dispersion System for Air Pollutants integrated with GIS, in Urban Environment”, *Nature Environment Pollution Technology*, Vol.21, No. 4 (Dec.) 2022 IF 1.61
29. Assessment And Spatial Distribution Of Benzo(A) Pyrene In Soil Environment Of Panvel Taluka
Namrata Kislay¹, Dr. Geeta Malbhage^{2*}, Dr. Nilesh D. Wagh³, Harshala V. Kasalkar⁴, *Migration Letters* Volume: 21, No: S5 (2024), pp. 757-769 ISSN: 1741-8984 (Print) ISSN: 1741-8992
- 30.

PUBLICATION MATRICES

International : 19	National: 09
Scopus Listed: 16	Web of Sci. listed : 23
Total Citation : 542	Impact Fact. Range : 0.7 8 – 7.04
Cumulative IF : 43.758	

ORCID : 0000-0002-9341-5496

SCOPUS	h-Index : 9	Citation : 264
Google	h-Index : 11	Citation : 529

RESEARCH GUIDED:

PhD degree awarded: 01 + 01 Draft Thesis submitted.

PhD Students working: 03

1. Miss. Harashala V Kasalkar (Registered August 2019)
2. Miss. Namrata Kumari (Registered August 2019)
3. Mr. Shailendra Joshi (Registered August 2019)

Subjects Taught :

Sr No	Name of the Subjects	Semester	Stream
Undergraduate			
1	Environment Impact Assessment	VI	Civil Engg.
2	Environmental Biotechnology	V	Biotech
3	Industrial Process Engg.	VII	Civil Engg.
4	Environmental Studies	I & II Sem	All UG

5	Industrial Chemistry	IV	B.Sc.
Postgraduate			
5	Environment Chemistry	III	M.Sc. Chem
6	Air Pollution	II	M.Sc. Env. Sci
7	Environmental Biotechnology	IV	M.Sc. Biotech.
8	Industrial Safety and Resource Management	II & IV	M.Sc. Env. Sci

PAPERS PRESENTED SYMPOSIUM / CONFERENCE / SEMINAR / WORKSHOP

Sr. No.	Name of the Conference / Symposia / Workshops	Organizer	Date & Year	Poster / Oral
National				
1.	C.V. Raman Memorial Seminar 2004	N.M.U., Jalgaon	28th Feb, 2004	Oral
2.	C.V. Raman Memorial Seminar 2005	N.M.U., Jalgaon	28th Feb, 2005	Oral
3.	7th DGS National Conference on "Agriculture, Environment & Population"	Dept. of Geog., G.D. Bendale College, Jalgaon	6th – 8th Oct, 2006	Oral
4.	AVISHKAR – 2009	N.M.U., Jalgaon	1st & 2nd Dec., 2009	Poster
5.	Natural Resource Management for Sustainable Development (NRMSD-2010)	School of Env. & Earth Sciences, NMU, Jalgaon	1st -2nd Feb, 2010	Oral
6.	Natural Resource Management for Sustainable Development (NRMSD-2010)	School of Env. & Earth Sciences, NMU, Jalgaon	1st -2nd Feb, 2010	Poster
7.	Sustainable Development (NRMSD-2010)	Sciences, NMU, Jalgaon	1 st -2 nd Feb, 2010	Poster
8.	Environmental Innovations for Resource Sustainability (EIRS- 2011)	School of Env. & Earth Sciences, NMU, Jalgaon	21st -22nd Jan, 2011	Oral
9.	Environmental Innovations for Resource Sustainability (EIRS- 2011)	School of Env. & Earth Sciences, NMU, Jalgaon	21st -22nd Jan, 2011	Poster
10.	Environmental Innovations for Resource Sustainability (EIRS- 2011)	School of Env. & Earth Sciences, NMU, Jalgaon ,	21st -22nd Jan 2011	Poster
11.	Environmental Surveillance for Natural Resource Management (ESNRM-2012)	School of Env. & Earth Sciences, NMU, Jalgaon	9th – 10th Jan, 2012	Oral
12.	Environmental Surveillance for Natural Resource Management (ESNRM-2012)	School of Env. & Earth Sciences, NMU, Jalgaon	9th – 10th Jan, 2012	Poster
13.	Environmental Surveillance for Natural Resource Management (ESNRM-2012)	School of Env. & Earth Sciences, NMU, Jalgaon	9th – 10th Jan, 2012	Poster
14.	Innovations in Chemistry- Laboratory to Society (ICLS-2013)	School of Chemical Sci., NMU, Jalgaon	11th Mar, 2013	Poster
15.	Innovations in Chemistry- Laboratory to Society (ICLS-2013)	School of Chemical Sci., NMU, Jalgaon	11th Mar, 2013	Poster
16.	IIXth National Conference on Current Trends and Future Challenges	Department of Botany & Biotech., Govt New Science College Rewa M.P.	25th Jul – 26th 2015	Oral
International				
17	Eco- Summit 2007	Elsevier, China	22nd - 27th May, 2007	Oral
18.	Global Opportunities for Latest Developments in Chemistry and Technology, (GOLD-CT 2014)	School of Chemical Science, N.M.U., Jalgaon	06th – 08th Feb, 2014	Poster

19.	9th International High Energy Materials Conference & Exhibits (HEMECE- 2014)	HEMSI, Thiruvanthapuram	13th – 15th Feb, 2014	Poster
20.	International Conference on Science and Technology (ICST- 2K)	SBP, College of Engg. Indapur, Pune	21st – 22nd Feb, 2014	Oral
21	3rd Global Sustainable Biotech Congress 2014 (GSBC-2014)	NMU, Jalgaon	1st – 5th Dec 2014	Poster
22				
Workshops Participated				
23	Faculty Improvement for Research in Science and Technology	NMU, Jalgaon	18th – 24th June 2015	
24	IGBC's Advanced Training Programme On Green Buildings	GHRCE&M, Jalgaon	6th – 8th December 2018	
25	Building a Sustainable Future: A Workshop on Environmental, Social and Governance Business Strategies	Nano Science and Technology Consortium, Noida, Uttar Pradesh	3rd – 5th April 2023	

❖ ADMINISTRATIVE EXPERIENCE

➤ Administrative Responsibilities:

- **Coordinator:** M. Tech. Environmental Science & Technology, School of Environment & Earth Science, North Maharashtra University, Jalgaon 2008-2017
- **Head of Department (HoD):** Department of Environment Science, School of Applied Sciences, Amity University Mumbai 2017 – 2023
- **In charge Head of Institution (HoI):** School of Applied Sciences, Amity University, Mumbai 2021-2023
- **Head of Department (HoD):** Department of Environment Science, S K Somaiya College, Somaiya Vidyavihar University Mumbai 2023 – present

➤ Academic Committee:

- Member, Board of Studies (BOS), North Maharashtra University, Jalgaon (2016 - 2018)
- Member, Board of Studies (BOS), Amity University, Mumbai From January 2018
- Member, Board of Studies (BOS), BOS member in Life Sciences AISC, Savitribai Phule University of Pune, Pune 2021 – 2022
- A.C. Nominee, Member Board of Studies (BOS), in Environmental Sciences, New Arts, Commerce, Science College Ahmednagar (Autonomous) 2021 – 2024
- Member IQAC, Amity University, Mumbai 2021-22
- Member Board of Studies, Fergusson College (Autonomous) Pune (2023 – 2025)
- Member Board of Studies, Somaiya Vidyavihar University Mumbai (2023- present)
- PhD Coordinator, S K Somaiya College, Somaiya Vidyavihar University, Mumbai (2024 – present)

➤ Examination Committee / Panel: Member, Paper Setters / Examiners Panel:

- North Maharashtra University, Jalgaon (2012 – 2017)
- Solapur University, Solapur (2016 - 2019)
- Shivaji University, Kolhapur (2013 - 2015)

- Pune University, Pune (2014 - 2016)
- Member, Academic Council, Amity University, Mumbai (2022 – March 2023)

➤ **Member of Organizing Committee**

- One-day Seminar on Conservation of Natural Resources and Exhibition on Science and Technology, National Science Day Celebration, 21st Feb. 2006, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- Regional Seminar and Poster Presentation on “Recent trends in Environmental Sciences”, 02nd Feb. 2008, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- Workshop on National Watershed development and Management (NWDM-2008), 19th Sept. 2008, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- National Conference on Natural Resource Management for Sustainable Development (NRMSD- 2010), 01st -02nd Feb. 2010, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- National Conference on Environmental Innovations for Resource Sustainability, 21st & 22nd January 2011 (EIRS - 2011), 21st & 22 January 2011, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- AVISHKAR – 2011, 28th & 29th Dec. 2011, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- National Conference on Environmental Surveillance for Natural Resource Management (ESNRM – 2012), 09th – 10th Jan. 2012, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- AVISHKAR – 2011, 28th & 29th Dec. 2012, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- Challenges and Opportunities in Environmental Pollution and Health (COEPH-2013), 12th – 13th 2013, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- AVISHKAR – 2011, 18th & 19th Oct. 2013, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- AVISHKAR – 2014, (State Level)18th & 19th Jan. 2014, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- Distinguished Colloquium Series – 2014, 01st July – 2014, North Maharashtra University, Jalgaon
- 3rd Global Sustainable Biotech Congress 2014 (GSBC-2014), 1st – 05th Dec. 2014, North Maharashtra University, Jalgaon
- AVISHKAR – 2015, 22nd Nov. 2015, North Maharashtra University, Jalgaon
- “Indian Patenting & Filing Procedures”, 23rd August 2016, North Maharashtra University, Jalgaon

- National Conference on “Monitoring and Assessment of Natural Resources for Sustainable Management” MANRSM – 2017, 23rd – 24th Jan. 2017, School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon
- Organizing Committee Member : National Workshop on Intellectual Property Rights, Amity University Mumbai, 11th October 2019
- Administrative Officer, Central Assessment Prog, (CAP) – Examination Section North Maharashtra University from May 2009 to May 2017
- Project Officer, Central Assessment Prog, (CAP) – Exam; 01st Nov. 2016 - Jan. 2017
- **Observer, IGNOU New Delhi – 2014** (B.Ed. Entrance Test), Malegaon, Maharashtra, 17th August 2014
- **Observer, IGNOU New Delhi – 2015** (B.Ed. Entrance Test), Malegaon, Maharashtra, 20th September 2015
- **Member, Ph.D. Application Screening Committee**, 28th August 2010, BCUD, North Maharashtra University, Jalgaon.
- **Organizing Committee Member**, Colloquium Series Lecture – 2015, 01st July 2015, North Maharashtra University, Jalgaon.
- **Deputy Superintendent, UGC – NET, 2014**, North Maharashtra University, Jalgaon.
- **Deputy Co-ordinator, AVISHKAR – 2015**, 22nd Nov. 2015, North Maharashtra University, Jalgaon.
- **Lab Recognition Committee Member**, H.R. Patel Institute of Pharma. Research, Shirpur, Dhule 29th Jan. 2016
- **Lab Recognition Committee Member**, Commerce and Sci. College, Valwadi, Dhule, 03rd Feb. 2015.
- **Co-ordinator**, National Science Day Celebration – 2017: School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon, 24th March 2017,
- **Member of Organizing Committee**: NMU Summer Research Aptitude Cultivation Workshop 2017 (1st – 10th June 2017)
- **Programme Co-Ordinator: M.Sc. Environmental Sciences**: Amity School of Applied Sciences, Amity University Mumbai 2018 – 19
- **Member: BOS**, Environmental Sciences, Jan - 2018 Amity University, Mumbai
- **Co-ordinator** – IQAC, Amity School of Applied Sciences, Amity University, Mumbai (20-21)
- **Co-Convenor** – Two Days Workshop on, “The Future Perspectives of Applied Science & Technology”, 24th – 25th Sept. 2019, Organized by Amity School of Applied Sciences.
- **Convener** – Two Days International Seminar Series on, “Climate Change Adaptations and Sustainability”, on 18th & 19th March 2021
- **Coordinator** – One Week Faculty Development Program on Capacity Building in Academia, Organized by IQAC, Amity University, Mumbai from 7th Jan – 13th Jan 2022

- **Expert Evaluator:** Invitation for Start-up Evaluation (Envirothon 1.0) Expert by PAH Solapur University, Solapur with MSME, Govt of India 12th – 14th Sept. 2022
- **Member,** Student Council Selection Committee, Department of Student Welfare, Amity University, Mumbai
- **Member,** Departmental Research Committee, Amity Institute of Biotechnology Amity University Mumbai, 2022 – 2023
- **Co-Convener:** “One Week Faculty Development Program on Capacity Building in Academia”, 7th January – 13th January 2022 at Amity University Mumbai
- **Member Organizing Committee :** Annual Research Meet 2024, Somaiya Vidyavihar University Mumbai, 29th January – 31 January 2024

Invited Talk

1. Invited Talk on “Disaster Management” 01 October 2016, School of Social Sciences, NMU Jalgaon
2. Invited Talk on “Water Scarcity and Global Warming”, 29th December 2016, S.S. Naik Arts & Science College, Raver, Dist. Jalgaon
3. Invited Talk “Climate Change & Global Warming”, 25th February 2017, J.D.M.V. P’s Arts, Com, & Sci., College, Varangaon, Dist. Jalgaon
4. Higher Studies Guidance Lecture on 10th Standard Students in Navbharat Vidyalaya,
5. Guest Lecture on “Biomedical Waste: Classification and Disposal”, on 2nd February 2018, Amity Institute of Biotechnology, Amity University, Mumbai
6. Guest Lecture on “Air Pollution Monitoring and Effects on Human Health”, on 5th June 2018, at K M Aggrawal College, Kalyan and Kalyan Police Department, Kalyan.
7. Resource Person on value added course “Drinking Water Quality Management”, 04 – 05 July 2018, Department of Environmental Sciences, Shivaji University Kolhapur
8. Resource Person RUSA Sponsored Refresher Course on “AI and DATA SCIENCE”, S.K. Somaiya College of Arts, Science and Commerce. 15th May 2019
9. Invited Talk on “*Environmental Sustainability Catered with Artificial Intelligence*” at Mahatma Phule College of Arts, Science and Commerce, on 30th August 2019, Under Faculty Exchange Programme
10. Expert Panel Discussion on, “Intellectual Property Rights”, organized by Amity University Mumbai, 11th October 2019
11. Invited Talk on “*Environmental Sustainability*” at “Carbon Audit and Green Economics” at Vidyalankar School of Information Technology, Mumbai, on 24th and 25th January 2020.
12. Refresher Course in “Environmental Science / Education”, sponsored by UGC, Human Resource Development Centre (HRDC) Savitribai Phule Pune University, Pune from 05th January 2021 to 18th January 2021.

13. Guidance Lecture on," AVISHKAR PREPERATION 2021', organized by Vidyalankar School of Information Technology, Mumbai, 19th March 2021
14. Invited Talk on, "Ecosystem Restoration", Golden Jubilee Celebration Series, Organized by SOCLEEN, D.G. Ruparel College, IIT Bombay and SAGE, on 5th June 2021.
15. Invited Talk on," Sustainable Development Goals," Organized by, S. T. Co-op. Education Society, Sr. Science College, Shahada Dist. Nandurbar, on 5th June 2021
16. Invited Talk on, "Sustainable Development Goal and Ecosystem Restoration", World Environment Day Celebration Series, Organized by Air India (Air India Corporate Environment Management Systems) on 5th June 2021
17. Session Lecture in Refresher Course in Chemistry (Online Mode), Organized by, The UGC-Human Resource Development Centre, Savitribai Phule Pune University, Conducted by Department of Organic Chemistry, School of Chemical Sciences, North Maharashtra University, Jalgaon on 21st August 2021
18. Invited Talk on, "Air Pollution and Climate Change", under Research Seminar Series Initiative, organized by Amity University Mumbai, on 23/09/2021.
19. Invited Talk on, Research Proposal Drafting and Research Methodology', at PhD Coursework Lecture Series, by University Department of Information Technology, University of Mumbai, 7th January 2022
20. Invited Talk on," Sustainable Development Goal Implementation", at National Service Scheme (NSS), Special Winter Session, organised by School of Social Sciences, KBC North Maharashtra University, Jalgaon 19th March 2022
21. Invited Talk on, "Climate Change and Sustainable Development Goal Implementation", On the Occasion of "World Environment Day" on June 03, 2022 from at Amity University Noida
22. Resource Person," Environmental Sciences Course Work on PhD Students", By Punyashlok Ahilyadevi Holkar Solapur University, Solapur, Organized by Department of Environment Sciences, School of Earth Sciences, 21st -22nd June 2022.
23. Resource Person in FDP entitled," Personal & Professional Development Program", from 2nd August – 8th August 2022, Organized by Amity Institute of Behavioural Applied Psychology, Amity University Mumbai
24. Resource Person, Induction Program for M.C.A., Institute of Management & Research Jalgaon on 26th November 2022.
25. Resource Person, UGC-HRD Centre, SPPU, Pune Two Weeks Refresher Course in Environmental Sciences, 06/03/2023 to 19/03/2023
26. Invited Talk: One Day Webinar on, 'Sustainable Development' organized by School of Social Sciences, KBC North Maharashtra University- Jalgaon on 31st March 2023.
27. Resource Person: Career Workshop, organized by Department of Geology, School of Environment & Earth Sciences, KBC North Maharashtra University- Jalgaon on 08th April 2023.

28. Refresher Course in “Artificial Intelligence and Science”, sponsored by UGC, Human Resource Development Centre (HRDC) organized by Dept. of Information Technology, University of Mumbai, Pune from 17th July 2023 to 29th July 2023.
29. Session Chair “India and the Global South: Issues, Engagement, and Challenges,” on 11 March 2024. The one-day National Conference will be held at the S K Somaiya College, Mumbai.