

MR. KAILAS P. DANDGE
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Educational Qualification	M. Sc. NET (Environmental Science)
Teaching Experience	12 Years
Area of Research/Expertise	Water and Wastewater Treatment, Environmental Management

❖ **RESEARCH PROJECT COMPLETED:**

Sr. No.	Title of the Project	Duration	Amount Sanctioned in lakh	Funding Agency
1.	Effects of process factors on the efficiency of mixed aerobic culture for the de-colorization of Reactive Red Dye	2013-2015	2.00	UGC, New Delhi
2.	Remote Sensing and GIS Technology for mapping spatial variations of Water Quality Index in Erandol area, Jalgaon District, Maharashtra State	2014-2017	14.95	DST-SERB, New Delhi

❖ **RESEARCH PAPERS PUBLISHED:**

Sr. No.	Name of the Author	Title of the Paper	Name of the Journal, Vol, pp, Month and Year	Impact Factor	Citation Index
1.	Kulkarni M. N., Dandge K. P. and Thorat S. R	A study on Heterogeneous Photo-catalytic Oxidation for Paint wastewater treatment	J. of Biotechnology and Bioinformatics, Vol. 1 (2) pp. 234-239. (2009)	--	--
2.	V. R. Parate, K. P. Dandge & S. R. Thorat	Role of food processing in securing food security	Conference book By Himalaya Publishing - pp.212-220, 2010	--	--

3.	Chavan T. P., Dandge K. P. and Thorat S. R.	Study on hydro biological chemistry of surface and ground water quality in Yevatmal city	Journal of Aquatic Biology- pp. 63-63- (2013)	--	--
4.	Chavan T. P., Dandge K. P. and Thorat S. R.	Study on microbial isolates for detoxification of heavy metals from industrial sludge	<i>Journal of Aquatic Biology</i> - Proceeding of NCEIOR2013 pp. 65-68 (Oct-2013) (ISSN:097- 4235)	--	--
5.	Thorat S. R. and Dandge K. P.	Study on selective tree species for carbon reduction in North Maharashtra University, campus, Jalgaon (M.S.), India	<i>International journal of research in social sciences</i> , Vol. 3 (4) pp. 111-122 (Nov-2013) (ISSN: 2249-2496)	--	--
6.	Kailas P. Dandge , Ganpat B. More and Nitin S. Ghlope	“Geospatial Technology for Mapping Spatial Variations of Ground Water Quality Index in Erandol Area of Jalgaon District, Maharashtra State, India”	<i>International Journal of Recent Scientific Research</i> , Vol. 9 Issue, 3 (I) pp 25274-25279, March, 2018 ISSN: 0976-3031	--	--
7.	Kailas P. Dandge and Satish S. Patil	“Water Quality Status of Jalna District of Marathwada Region, Maharashtra State: A Review”	<i>International Journal of Research in Advent Technology</i> , Vol.6, No.6, June 2018. E- ISSN: 2321-9637	--	--
8.	Nitin S. Ghlope, Kailas P. Dandge , M. B. Chavan and S. T. Ingle	“Evaluation of Ground Water Quality Index of Piedmont Plain of Jalgaon District Using Geo-Informatics Technology”	International Journal of Research in Advent Technology, Vol.7, No.4, pp 704-714 April 2019 E-ISSN: 2321- 9637 https://doi:10.32622/ijrat.742019236	3.18	--
9.	Nitin S. Ghlope, Kailas P. Dandge , Sopan T. Ingle and Vishaishwar M. Rokade (2019)	“GIS Application for Assessment and Mapping of Irrigation Water Quality in Piedmont Plain of Jalgaon District, Maharashtra, India” Cloud Publications,	<i>International Journal of Advanced Remote Sensing and GIS</i> , 13 June 2019 Volume 8, Issue 1, pp. 2997-3010 ISSN 2320 – 0243, https://doi.org/10.23953/cloud.ijarsg.415	1.97	
10.	Ganpat B. More, Kailas P. Dandge and Sanjaykumar R. Thorat (2019) Publications,	“Spatial Distribution Analysis of Surface Water Quality Index Using Remote Sensing and GIS: A Case Study of Erandol (Maharashtra, India)”	<i>International Journal of Advanced Remote Sensing and GIS</i> , 6 June 2019 Volume 8, Issue 1, pp. 3030-3046 ISSN 2320 – 0243, DOI: https://doi.org/10.23953/cloud.ijarsg.417	1.97	

11.	Pratapsinh S Jadhav, Kailas P Dandge , Sanjay Gade (2019)	“Pre-treatment techniques in Reverse Osmosis Membrane system for well water to improve performance and reduce scale formation”	<i>International Journal of Research in Advent Technology</i> , Vol.7, No.6, pp 172-176 June 2019 . E-ISSN: 2321-9637 https://doi:10.32622/ijr at.762019125	3.18	
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❖ TRAINING PROGRAMMES ATTENDED /COURSE COMPLETED:

1. Participated in 96th orientation course organized by UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. During 1st to 28th February 2013.
2. Participated in Refresher Course in Environmental Studies organized by UGC-HRDC, Dr. BAMU, Aurangabad during 26th May to 15th June 2015.
3. Completed IIRS Outreach Certificate Course conducted by Indian Institute of Remote Sensing, ISRO, ISRO, Govt. of India, Dehradun during 27th January to 27th March 2015.
4. Participated in Faculty Development Programme on Global Business Foundation Skills (Teaching Skills) conducted by Infosys BPO Ltd. at Pune during 17th To 25th August 2016.
5. Completed Sixteenth IIRS Outreach Certificate Program on "Geospatial Technologies for Urban Planning" commencing from February 11, 2016 to 15th March, 2016.
6. Faculty training programme (Module-1 training) under WP3 scheme of the ERASMUS+ funded CABGIN project organized by KBCNMU during 19th and 20th July 2018.
7. Refresher Programme in Teaching (ARPIT) Course for Career Advancement Scheme (CAS) promotion entitled “Climate Change: A Guide For Teachers of All Disciplines” in the proctored examination held on 16.02.2020 Indian Institute of Science Education and Research (IISER), Pune.
8. Participated in Faculty Development Programme (FDP) on “Environmental Quality Monitoring & Analysis” (12 Weeks) on the SWAYAM platform during the Jan-Apr 2020 semester.
9. Participated in Faculty Development Programme (FDP) in Cyber Security Jointly Organized by Shivaji University, Kolhapur and School of Computer Sciences, KBCNMU, Jalgaon, held at School of Computer Sciences, KBCNMU, Jalgaon, during 3rd to 8th September 2019.

10. Completed of online certificate course on “Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, during 13-06-2020 to 01-07-2020.
11. Completed 15 weeks course on “Solid and hazardous Waste Management” on SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) platform during 13th to 25th April 2020.

❖ CONFERENCES/WORKSHOP/TRAINING PROGRAMME ORGANIZED:

1. One day “Training Camp on Nature” in collaboration with Orchid Nature Foundation on 21st February, 2017.
2. One day University level workshop on, “Impacts of Global Warming on Climate” held on 25th January 2019.
3. One day training program on, “Google Classroom” under the aegis of Internal Quality Assurance Cell (IQAC), KBCNMU, Jalgaon, held on 27th February 2020.

❖ INVITED TALK/SUBJECT EXPERT/GUEST LECTURE DELIVERED:

1. Delivered lectures in NET-SET workshops at Moolji Jaitha College, Jalgaon held on 9th October, 2011.
2. Invited talk on “Water Literacy and Environmental Awareness” in NSS camp at Takarkheda, Jalgaon held on 30th December 2011.
3. Invited talk on “Carbon Cycle” in remedial coaching organized by Department of Journalism, NMU, Jalgaon held on 28th February, 2012.
4. Delivered lecture on “Career in Environmental Science” at Y. N. Chavan College, Chalisgaon held on 7th May, 2012.
5. Invite talk on “Environmental Awareness” at Tahakali Tal. Dharangaon in the NSS camp on 29th December, 2013.
6. Subject expert for research project evaluation sanctioned under Research Promotion Scheme for budding researcher on 28th February 2018 at Moolji Jaitha College, Jalgaon.
7. Subject expert for research project evaluation sanctioned under Research Promotion Scheme for budding researcher on 28th February 2019 at Moolji Jaitha College, Jalgaon.
8. Subject Expert for District level Avishkar 2019 at JDMVP'S Nutan Maratha College Jalgaon on 30th December 2019.

❖ CONFERENCES ATTENDED:

1. National level seminar on “Environmental Bioremediation Technologies” (NSEBT-2009) Organized by Department of Environmental management, Bhatrthidasan University, Tiruchirappalli, (Tamil Nadu) during 5th& 6th November 2009.
2. International conference on “Global Food Security: Concern, Reality & Remedial” (TCFS-2010) Organized by Department of Management, NMU, Jalgaon in collaboration with CETYS University, Maxico. During 28th & 29th January 2010.
3. National Seminar on Emerging Trends in Biodiversity and Environment organized by Institute of Science, Aurangabad during 26th February 2010.
4. National Seminar on “Environmental pollution and Remedies” organized by Deogiri college, Aurangabad, during 24th and 25th September, 2011.
5. National conference on “Recent Advances in Chemical Engineering” organized by UDCT, NMU, Jalgaon held on 4th February, 2012.
6. National Workshop on “*food and Oil Safety & Quality Systems*” held during 12th to 16th March, 2012 organized by Division of Food Technology and Division of Oil, Fats & Waxes Technology, UDCT, NMU, Jalgaon.
7. University level one day workshop on Human Development organized by Yashada, Pune in collaboration with NMU held at School of Social Sciences, NMU, Jalgaon dated 27th September, 2013.
8. International conference on “*Ecosystem Conservation, Climate change and Sustainable Development*” organized by Department of Aquatic Biology and Fisheries University of Kerala, Thiruvananthapuram and Directorate of Environment and Climate Change, Government of Kerala, held during 3rd to 5th October, 2013.
9. National workshop on “Statistics for Experimental Researchers” organized by Department of Statistics, School of Mathematical Sciences, NMU, Jalgaon, held during 14th and 15th February, 2014.
10. “Third Global Biotech Congress-2014” (An International Conference on Innovations in Biotechnology and their Applications) held during 1st to 5th December, 2014, organized by North Maharashtra University, Jalgaon in collaboration with Global Biotech Forum, Nagpur.
11. Presented research paper in the “Pre-Science Congress-2014” on “*Science and Technology for human Development*”, held during 30th to 31st December, 2014 organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

12. One-day workshop on “Urkund” (Anti-plagiarism software) organized by Knowledge Resource Center and Internal Quality Assurance Cell (IQAC), North Maharashtra University, Jalgaon on 7th July, 2017.
13. Presented research paper in the 7th International Science Congress (ISC-2017) organized by International Science Community Association and College of Science and Technology, Rinchending, Phuentsholing, Chukkha, Bhutan, held during 8th to 9th December 2017.
14. Seminar on “Technology Allied Capacity Building in Higher Education: A Paradigm Shift” organized by North Maharashtra University, Jalgaon on 28th March, 2018.
15. National Conference on “Innovations in Chemistry-Laboratory to Society” (ICLS-2018) organized by School of Chemical Sciences, North Maharashtra University, Jalgaon on 5th and 6th March, 2018.
16. One-day workshop on “Urkund” (Anti-plagiarism software) organized by Knowledge Resource Center and Internal Quality Assurance Cell (IQAC), North Maharashtra University, Jalgaon on 7th July, 2017.
17. 7th International Science Congress (ISC-2017) organized by International Science Community Association and College of Science and Technology, Rinchending, Phuentsholing, Chukkha, Bhutan, held during 8th to 9th December 2017.
18. Seminar on “Technology Allied Capacity Building in Higher Education: A Paradigm Shift” organized by North Maharashtra University, Jalgaon on 28th March, 2018.
19. National Conference on “Innovations in Chemistry-Laboratory to Society” (ICLS-2018) organized by School of Chemical Sciences, North Maharashtra University, Jalgaon on 5th and 6th March, 2018.
20. One day ‘User Awareness Program’ jointly organized by Springer Nature & Knowledge Resource Centre, KBCNMU, Jalgaon on 25th September 2018 at KBCNMU, Jalgaon.
21. National seminar entitled ‘Intellectual Property Rights and Patent System in India’ organized by School of Law and IPR Cell, KBC North Maharashtra University, Jalgaon held on 12th March, 2019.
22. National seminar entitled ‘Laboratory and Industrial Safety and Hazards’ organized by School of Chemical Sciences, KBC North Maharashtra University, Jalgaon held on 13th March, 2019.
23. Triveni Business Summit-2020 jointly organized by KBCNMU, Jalgaon and Saturday Club Trust, Jalgaon Chapter during 11th to 12th January 2020, held at KBCNMU, Jalgaon.

❖ ADMINISTRATIVE WORK EXPERIENCE:

- Coordinator-UGC Career Oriented Certificate Course in Industrial Safety and Management (2013-2019)
- Member-Departmental Admission Committee
- Member-Departmental Examination Committee

❖ ANY OTHER ACTIVITY DONE/GOING ON:

- In-charge of departmental library since, August, 2009

❖ CONTRIBUTION TO UNIVERSITY/SCHOOL/DEPARTMENT:

- Actively participated in the University /School's curriculum, co-curriculum and administrative activities.
