

CURRICULUM VITAE

Name: Dr. Jagruti Ramnath Chavan

Designation: Academic Coordinator (Environmental Science)

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Education:

Doctor of Philosophy	University: Savitribai Phule Pune University, Pune Discipline: Science Year of Passing: 2022 Research Topic: Phytoremediation of Heavy metals from Industrial Effluents by NFT and CW technique
Master of Science	University: Savitribai Phule Pune University, Pune Discipline: Science Year of Passing: 2013 Specialization: Environmental Science
Bachelor of Science	University: Mahatma Phule Krishi Vidyapeeth, Rahuri Discipline: Science Year of Passing: 2011 Specialization: Agriculture
UGC SET	Year of Passing: 2014 Specialization: Environmental Science
Post Graduate Diploma	University: Indira Gandhi National Open University Specialization: Urban Development and Planning Year of Passing: 2024
Lead Auditor for ISO 14001:2015 Environment Management System (Environment and Green Audit)	
District Level Master Trainer (DLMT) for Water Sufficient Village under SDG, Maharashtra.	
YCMOU Counselor for PG programme of Environment Science at KTHM College Study Center (5404A)	

Work Experience:

Position held	Name of the Organization / Institution	Duration			Responsibilities Performed
		From	To	Years	
Assistant Professor (Environment Science)	KRT Arts, BH Commerce and AM Science (KTHM) College, Nashik	01 Sept 2015	09 Mar 2024	07 yrs and 06 months	<ul style="list-style-type: none"> ▪ Taught UG and PG courses for the Environmental Science programme. ▪ Worked as Laboratory In-Charge for Soil and Water Consultancy. ▪ Worked as External Lead Auditor for Environmental & Green Audit Consultancy (ISO 14001:2005) (completed 11 Green Audits of various institutes) ▪ Worked as an Expert for PhD Synopsis Evaluation in Geography Subject for Banasthali Vidyapith, Rajasthan ▪ Worked as Paper Setter, Moderator and Examiner (Paper Assessment) for Env. Sci. at SPPU Pune. ▪ Worked as a member of the S.Y.B.Sc. Syllabus Restructuring Committee for Undergraduate Courses of SPPU, Pune. ▪ Worked as a Paper Setter and Examiner for TC college Baramati, PAHU Solapur, New Arts, Commerce and Science College A'Nagar, SODL SPPU Pune
Academic Coordinator (Assistant Professor Level)	School of Sciences , Yashwantrao Chavan Maharashtra Open University, Nashik	11 Mar 2024	Till date	Till date	<p style="text-align: center;">➤ Major Responsibilities</p> <ul style="list-style-type: none"> ▪ Working as a Programme Coordinator for UG and PG Environmental Science programme. (V136, V152 & UGV06). ▪ Working as DRC coordinator for Ph.D. Programme of the School of Sciences. ▪ Assisting to coordinate various activities under YASH Center for Biodiversity Conservation, School of Sciences, YCMOU. ▪ Working as a Teacher Associate/Discussion Forum Moderator for Batch 03 course on ‘Designing Learner Centric MOOC’. ▪ Working as a Programme Coordinator for LSC 54162 (School of Sciences) for the programme <p style="text-align: center;">➤ Other Responsibilities</p> <ul style="list-style-type: none"> ▪ Assisted in launching the UG programme in Environmental Science as per NEP 2020. (UGV06: B.Sc. (Honours) (Environmental Science)) ▪ Worked as Paper Setter and Evaluator for Env. Sci. programme. (V136, V152 & UGV06). ▪ Assisted in receiving second prize to YCMOU in STAR CAMPUS AWARD competition organised by earthdayasia.org on the occasion of Earth Day (22 April 2025). ▪ Assisted in the administrative and academic work of LSC 54162, School of Sciences

					<ul style="list-style-type: none"> ▪ Conducting the counselling sessions of UGV06: B.Sc. (Honours) (Environmental Science) as per NEP 2020 at the LSC 54162 ▪ Performed responsibilities as a committee member for 'Kendriy Krida Mohotsav', 'Kendriy Yuval Mohotsav', and National Conference at University level. ▪ Organized a Photography Competition and Guest Lecture on the occasion of World Nature Conservation Day 2025 on 28th July 2025 ▪ Assisted in various administrative activities of the school (Prospectus, UGV06 Programme definition, LSC mapping for UG programme, Eligibility of LSC as per programme, UDRF documentation, etc) ▪ Assisted in organizing training programmes for LSC programme coordinators, students and writer editors ▪ Recorded an audio-visual advertisement for the UG & PG programme of Env. Sci. of School of Sciences through AVC at YCMOU.
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Research paper

Sr. No.	Title of the Research Paper	Name of the Journal / Publisher	Year of Publication
1.	Studies on Potential Use of Water Hyacinth, Pistia and Azolla in Municipal Waste Water Treatment.	The Indian Journal of Applied Research	2013
2.	Production of Biogas from Plants Used for Phytoremediation of Heavy Metals	The International Journal of Research and Analytical Reviews	2019
3.	Phytoremediation of Cadmium By Using Nutrient Film Technique	The International Journal of Research and Analytical Reviews	2020
4.	Phytoremediation of Arsenic contaminated wastewater using <i>Syngonium podophyllum</i> in a Constructed Wetland	Environmental Science Archives	2026

Conferences (National/International)

Sr. No.	Title of the Research Paper	Name of Conference	Year
1.	Presentation on Assessment of the Effect of Different Plant Extract on Certain Diseases Found in Onion.	National Conference on Environmental Surveillance For Natural Resource Management	2012
2.	Phytoremediation of Cadmium using <i>Syngonium podophyllum</i> by Constructed Wetland Technique.	National Conference on Advances in Environment Sciences and Geospatial Technology	2018
3.	Assessment of metal phytoremediation potential of some plants on fly Ash dumping ground.	International Conference on Nutrigenomics & Nutrigenetics: Present and Future Scenario	2018
4.	Phytoremediation of Arsenic from Waste Water by Using the Nutrient Film Technique and the Use of Its Phytomass for Biogas Generation.	International Conference on Environmental Development and Sustainability	2021
5.	Impact of Rainfall on Onion Production in Nashik District	International Conference on Multidisciplinary Research in Environmental Sustainability	2025

Books/ Chapter

Sr. No.	Title of the Book/Chapter	Name of the Publisher	Year of Publication
1.	Author for Book Name: Sustainable Management and Biodiversity.	SLM for YCMOU, Nashik	2024
2.	Author for Book Name: Environmental Education	SLM for YCMOU, Nashik	2026
3.	Author for Chapter in Book: <i>Recent Trends and Application of GIS</i>	Integrated Publication, New Delhi	2023
4.	Author for Chapter in Book: <i>Recent Trends in Remote Sensing</i>	Integrated Publication, New Delhi	2023
5.	Editor for Book Name: Plant Science	Integrated Publication, New Delhi	2023
6.	Author for Chapter in Book: AI Plant Protection	Taylor and Francis	2026
7.	Author for Chapter in Book: Phytoremediation process of Heavy metal from effluent	Springer	2026

Faculty Development Programme

S N	Details of Programme	Year
1	Participation in Faculty Development Programme on "Effective ways to develop E-content for Teaching Learning" by KTHM College, Nashik.	2020
2	Completed the Faculty Development Programme on "Techno-Pedogogy and Androgogy for Active Learning" by MSFDA and KTHM College, Nashik.	2023
3	completed 5 days FDP on "Design, Development and Deliver online/Blended Learning courses"	2024
4	Completed FDP on NEP Orientation & Sensitization programme by MMTTC and NIEPA, New Delhi	2025

Training Programme

SN	Details of Programme	Year
1	Completed Training at Jain Hi-tech Agri Institute (JHAI), Jalgaon, To get hands-on experience in various irrigation systems and food processing techniques under Rural Agriculture Work Experience Industrial Training.	2011
2	Completed a 45-day training Course on Remote Sensing and GIS technique and its application in Forestry/Ecology/Wildlife/Environmental Science at the Indian Institute of Remote Sensing, Dehradun	2018
3	Completed 4 Days Training for Trainers on LSDG Theme 04: Water Sufficient Village under Rashtriya Gram Swaraj Abhiyan (R.G.S.A.) at M.E.E.T.R.A., Nashik	2022
4	Completed 30 Days of training on Precision Agriculture: Farming with a new perspective to help to understand new technology for modern agriculture organized by CSJM University, Kanpur and ICAR-ATARI, Kanpur.	2023

Refresher Course Programme

SN	Details of Programme	Year
1	Completed 21 Days Refresher Course in Environment Science/Education jointly organized by K.T.H.M. College, Nashik & U.G.C.- H.R.D.C., S.P.P.U., Pune	2021
2	Completed 15 Days Refresher course on Disaster Management organized by MMTTC and SPPU HRDC	2025

Invitation as Resource Person

SN	Details of Programme	Year
1.	Invited as a Guest lecturer by K.K. Wagh College of Agriculture on the Occasion of Environment Day. Topic for Lecture was "Air Pollution"	2019
2.	Invited as a Resource Person by Sri Ramakrishna Engineering College, Vattamalaipalayam, Coimbatore, on an online webinar series on "Environmental Management and Pollution Control - Strategies for Sustainable Development ". The topic for the webinar was "Eco- friendly Techniques in Engineering to Control Pollution."	2021
3.	Delivered Lecture on Environmental Monitoring System in PhD Coursework in Environment Science organized by Dept. of Environmental Science, Punyashlok Ahilyadevi Holkar Solapur University, Solapur	2023
4.	Invited as a Resource person at Talasari, Dahanu, Navapur and Dondaicha Municipal Corporation for Capacity Building Workshop under Swachh Survekshan	2023
5.	Invited as Resource person at Maharashtra Environmental Engineering Training and Research Academy (MEETRA), Nashik, for Refresher training for a Water-sufficient village under Sustainable development Goals organized by YASHADA, Pune	2023
6.	Invited as Resource person at Maharashtra Environmental Engineering Training and Research Academy (MEETRA), Nashik, for Refresher training for a Women and Child Health under Sustainable development Goals organized by YASHADA, Pune	2024
7.	Invited as a guest lecture at DND ad MY Sarvajanik High school Navapur at for delivering a lecture on Waste Segregation under Environment Protection. Organized by Navapur Municipal Council.	2024
8.	Invited as a guest lecture at waste disposal site of Manmad muicipal council, Manmad for delivering a lecture on Process and Safety of Desludging Operation.	2024
9.	Delivered Lecture on Natural Resource Management in PhD Coursework in Environment Science organized by Dept. of Environmental Science, KTHM College, Nashik	2026
10	Delivered Lecture on Soil Sampling Techniques in PhD Coursework in Geography organized by Dept. of Geography, KTHM College, Nashik	2026

Development of MOOC Quadrant

SN	Details	Year
1	Recorded 40 Video Lecture for V152 : M.Sc.(Environmental Science) programme Course: EVS510: Environmental Geoscience and Computer Application	2023
2	Completed 03 Quadrant of MOOC for IKS course (Unit: Visual and Performing Arts) for MAHADNYANDEEP platform	2025

Official Address:

School of Sciences

Yashwantrao Chavan Maharashtra Open University,
Nashik – 422 222. Maharashtra, India



Signature of the Candidate