



Dr. (Mrs.) Aasawari Jadhav

A) General Information:

1. Name: Dr. (Mrs.) Aasawari Suhas Jadhav
2. Address (Resi.) : 'Varad', Plot No. 8, Swami Samarth Colony, Bhosale Nagar, Near R.K.Nagar, Kolhapur.
3. Address (Office): Department of Environmental Science, Shivaji University, Kolhapur.
4. Mobile. No.: 9764738618
5. Office No: (0231)2609304/2609333
6. E- mail Address: asj_env@unishivaji.ac.in
patilaasawari@gmail.com
7. Designation: I/C Head and Assistant Professor
8. Department: Department of Environmental Science, Shivaji University, Kolhapur.
9. Date of Birth: 16th March 1982
10. Area of Specialization: Environmental Monitoring,
Environmental Microbiology.

B) Academic Qualification:

Examination	Board / University	Year of Passing	Percentage
S.S.C.	Kolhapur	1997	74.80
H.S.C.	Kolhapur	1999	57.17
B.Sc.	Shivaji University	2002	72.60

M.Sc.	Shivaji University	2004	67.21
UGC NET JRF	Shivaji University	2006	-
Ph.D.	Shivaji University	2015	-
Internal Auditor ISO 9001:14001:50001	TUV NORD	2022	
Lead Auditor EMS ISO 14001: 2015	TUV SUD	2022	

C) Teaching Experience:

Sr. No.	Name of the College / University	Designation	From –To	No. of Years
1.	The New College, Kolhapur	CHB Lecturer	2004-2006	2 years
2.	Dept. of Environmental Science	Asst. Professor	2008 onwards	15 years

D) Faculty Development Programme attended:

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Orientation Course	University of Pune, Pune	30 days	UGC, New Delhi
Capacity Building Workshop for Women Managers in Higher Education Sensitization, Awareness and Motivation Workshop	Shivaji University, Kolhapur	04 days	UGC, New Delhi
Remote Sensing, Geographical Information System and Global Positioning System	Department of Environmental Science, Shivaji University, Kolhapur	60 days	Indian Institute of Remote Sensing, Department of Space, ISRO, Govt. of India, Deharadun
Community driven environmentally sustainable village	Department of Technology and CTARA IIT-B , Mumbai, 11 th to 15 th Nov., 2019	5 days	Department of Technology and IIT-B, Mumbai
Capacity building programme for self help groups and elected representatives of local bodies	Department of Social Science, Shivaji University,	1 day	Organized by Beti Bachao Abhiyan Shivaji University

	Kolhapur on 24 th Dec.,2018		
Faculty Development Course on Industrial Revolution through Green Technology	D.Y.Patil college of Engineering and Technology , Kolhapur	7 days	AICTE- ISTE approved
Online Faculty Development Course at Ramanujan College, Delhi	Ramanujan College, Delhi	14 days	MHRD approved
Training programme (online) on Environmental Leadership and Life Skills for Women Scientists and Technologists	Department of Science and Technology, Govt. of India (13- 17 March 2023)	05 days	Department of Science and Technology, Govt. of India

E) Research Projects:

Sr. No.	Title	Agency	Period	Whether Co-PI	Grant /Amount Mobilized (Rs. Lakh)
1.	Studies on demographic surveillance around JNPP site covering a distance of 30 km from the site	DAE-BRNS, Mumbai	2 years	Co-PI	34,64,700=00
2.	Sustainable conversion of leaf litter from Shivaji University campus into enriched manure by addition of press mud and microbial consortia.	Research Strengthening scheme, Shivaji University	1 year	PI	2,50,000=00
3.	Study of forest fire prone areas in the forests of Kolhapur district	Department of forest, Kolhapur division	1 year	Co-PI	1,99,000=00
4.	National Air Monitoring (NAMP) Project for Kolhapur city)	Maharashtra Pollution Control Board	Since 2020	PI	9,73,164/- Per year

F) Research and Publications:

Ph.D. Thesis on:

“Studies on water quality and application of alternative mechanisms for cleaner drinking water at household level in semi urban and rural area”.

Publications:

Papers Published in National and International Journals								
Sr. No	Name of Author/ s	Year of publication	Title of the Paper	Name of Journals	ISSN No.	Vol.	Page No.	Impact factor
1.	Kashid J. P., Patil A. K. , Samant J. S. and Raut P. D.	2009	“Seasonal variation in some heavy metals of inshore waters of Malvan Maharashtra.”	<i>Nature, Environment and Pollution Control Technology.</i>	0972-6268	8 (2)	261-266	---
2.	Patil V. N., Patil A.K. , Samant J. S. and Raut P. D.	2010	“Assessment of the status and ecological impact of “Rab” burning (cultivation) in some villages of Shahuwadi tehsil of Kolhapur District”	<i>Journal of Advances in Science and Technology.</i>	0971-9563	13 (1)	P. 20-29.	---
3.	P. P. Loni, A. K. Patil , and P. D. Raut,	2010	“Studies on groundwater quality from different wards of Kolhapur city”	<i>Journal of Advances in Science and Technology.</i>	0971-9563	13 (1)	p. p. 193-202.	---
4.	D. D. Biraje, A. K. Patil and P. D. Raut	2010	“Studies on status of solid waste management of Kolhapur city”	<i>Journal of Advances in Science and Technology.</i>	0971-9563	13(1)	p. p. 130-136.	---
5.	Rao T. B., Chonde S. G. Bhosale P. R., Jadhav A. S. and Raut P. D	2011	Environmental Audit of Sugar Factory: A case study of Kumbhi Kasari Sugar Factory, Kuditre, Kolhapur.	<i>Universal Journal of Environmental Research and Technology,</i>	2249-0256	1,	51-57.	---
6.	Patil Shilpa G., Chonde Sonal Goroba, Jadhav Aasawari Suhas , Prakash D. Raut	2011	Study of physicochemical and biological characteristics of lakes from Shivaji University Campus, Kolhapur, Maharashtra	<i>Advances in Applied Science Research</i>	0976-8610	2 (6)	505-519	---
7.	Rao T. B., Chonde S. G. Bhosale P. R. , Jadhav A. S. and Raut	2012	Environmental Audit of Distillery Factory : A case study	<i>Journal of Nature, Environment</i>	0972-6268	Vol. 11, Issue. 1,	141-145	---

	P. D.,		of Kumbhi Kasari Distillery Factory, Kuditre , Kolhapur,	<i>and pollution Technology , 2012</i>				
8.	Yadav S.B., Jadhav A.S. , Chonde S.G. and Raut P.D.	2011	Performance evaluation of surface flow constructed wetland system by using <i>Eichhornia crassipes</i> for wastewater treatment in an institutional complex.	<i>Universal Journal of Environmental Research and Technology,</i>	2249-0256	Vol. 1, Issue 4	435-441	---
9.	Patil Trupti S., Chonde S. G. Jadhav A. S. and Raut P. D.	2012	An Analysis of Energy Consumption pattern in Shivaji University Campus, Kolhapur, Maharashtra.	<i>Indian Stream Research Journal.</i>	2230-7850	Vol.1,	pp.1-4	0.2105
10.	Patil Shilpa G., Chonde Sonal G., Jadhav Aasawari S. and Raut Prakash D.	2012	Impact of Physico-Chemical Characteristics of Shivaji University lakes on Phytoplankton Communities, Kolhapur, India	<i>Research Journal of Recent Sciences</i>	2277-2502	Vol. 1(2),	56-60,	---
11.	Mangale S. M., Chonde S. G., Jadhav A. S. , and Raut P. D.	2012,	Study of <i>Moringa oleifera</i> (Drumstick) seed as natural Absorbent and Antimicrobial agent for River water treatment	<i>J. Nat. Prod. Plant Resource.</i>	2231 - 3184	2 (1)	89-100	---
12.	Jadhav V.V., Chandgade C.A., Patil A. K. and Raut P. D.	2012	Genotoxicity of Bisphenol A on root meristem cells of <i>Allium cepa</i> : a cytogenetic approach ”	<i>Asian Journal of Water, Environment and Pollution</i>	0972-9860	9. No. 1	39-43	0.2
13.	Manglekar S. B., Jadhav A. S. , Raut P. D.	2012	Study of noise pollution in Kolhapur city, Maharashtra, India	<i>Universal Journal of Environmental Research and Technology,</i>	2249-0256	Vol. 2, Issue 1	65-69	---
14.	Phadnis S. D., Chandgade C. A., Patil A. K. and Raut P. D.	2013	Impact of Ganesh idol immersion and colour pigments on biochemicals of the bivalve mollusk, <i>Lamellidens marginalis</i>	<i>Journal of Environmental Biology</i>	0254-8704		ISSN 0254 8704	---
15.	Patil V.N. Jadhav A.S. and Raut P.D.	2013	Ecological and economical assesment of Paddy (<i>Oryza sativa</i>) cultivation in some villages of Shahuwadi Tahsil of Kolhapur district, Maharashtra India	<i>International Journal of Agricultural science and Research</i>	2250-0057	Vol. 3, Issue 1, Mar 2013	225-234	2.8571
16.	Mohite MG, Patil VN, Jadhav A.S. and Raut PD	2013	Physico-chemical characterization of water from drinking water Treatment Plants (WTPs) around Kolhapur city of	<i>Indian Stream Res. J</i>	2230-7850	Vol III Issue VI July 2013		0.21

			Maharashtra, India					
17.	Jadhav A.S. , Powar MH and Raut PD	2012	Potential use of water hyacinth (<i>E. crassipes</i>) in constructed wetlands for treatment of textile effluent in Common effluent treatment plant	<i>J of water Res.</i>	---	134	153-160	---
18.	Jadhav A. S. Patil V.N. Raut P. D.	2013	Systematic Investigation of Hydro-Chemical Characteristics of Six Different Lakes in and around Kolhapur city, Maharashtra, India	European Academic Research,	ISSN 2286-4822	vol. I, issue 8/ Nov 2013	2036-2050	0.485
19.	Mangalekar S.B., Jadhav A.S. and Raut P.D.	2013	Ambient air quality monitoring- A case study of Kolhapur city, Maharashtra	Proceeding of National Conference CANTTA by H.S. College of Arts and Science, Mumbai	ISSN:2320-7817	--	15-23	--
20.	Ingavale R. R., Mohite S. A., Shinde T. V., Jadhav A.S. and Raut P. D.	2013	Studies on physico-chemical characteristics of soil of Bhogawati river bank in Kolhapur District	Proceeding of SWRDM-2012.	ISBN :978-81-926964-0-9		263	---
21.	Padalkar R. C., Jadhav P.L., Jadhav A.S. and Raut P.D.	2013	Use of sub-surface drainage treatment for reclamation of saline soil: A case study of Kasabe Digraj village, District: Sangali, State: Maharashtra.	Proceeding of SWRDM-2012.	ISBN :978-81-926964-0-9		269	---
22.	Jadhav A.S. , Jadhav V.V. and Raut P.D.	2014	Role of Higher Education Institutions in Environmental Conservation and Sustainable Development: A case study of Shivaji University, Maharashtra, India	Journal of Environment and Earth Science	ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online)	Vol. 4, No.5, 2014	30-34	-
23.	Mangalekar S.B., Jadhav A.S. and Raut P.D.	2014	Assessment of Water Quality of Nullahs From Kolhapur City-Maharashtra (India)	Indian Journal of Research	ISSN - 2250-1991	Vol-3 issue-5	117-120	1.67
24.	A. S. Jadhav	2014	Advancement in Drinking Water Treatments From Ancient Times	International Journal of Science, Environment and Technology,	ISSN 2278-3687 (O)	Vol. 3, No 4	1415 – 1418	-
25.	A.S.Jadhav and P.D.Raut	2014	Evaluation of microbiological quality of ice creams marketed	Int.J.Curr.Microbiol .App.Sci	ISSN:	Volume 3	78-84	0.71

			in Kolhapur city, Maharashtra, India		2319-7706	Number 9		
26.	S.B. Mangalekar, A. S. Jadhav , and P.D. Raut	2015	Studies on Ambient Air Quality Status of Kolhapur City, Maharashtra, India During Year 2013	Asian Journal of Water, Environment, and Pollution	DOI10.323 /AJW-15003	Vol.12, No3(2015)	15-22	--
27.	A. S. Jadhav and J. S. Samant	2015	Development and Assessment of Low-Cost, Point-of-Use Prototypes For Drinking Water Purification At Household Level in Rural Area	International Journal of Scientific Research	ISSN No 2277 - 8179	Volume : 4 Issue : 9	622-665	0.1
28.	A. S. Jadhav and J. S. Samant	2015	Evaluation Of Point-Of-Use (PoU) Drinking Water Treatment Methods For Removal Of Coliforms in Rural Households	Journal Indian Streams Research Journal	ISSN 2230-7850	Vol 5 Issue	Volume - 5 Issue - 7	3.1560(UIF)
29.	Jadhav A. S , Patil, P. V., and Raut, P. D.	2016	Diatom diversity of three fresh water lakes in Kolhapur city, Maharashtra	Universal Journal of Environmental Research and Technology	e-ISSN 2249 0256	Volume 6, Issue 4		Cosmos impact factor 2015 4.56
30.	N. B. Gaikwad, V. T. Thakur, A. S. Jadhav and P. D. Raut*	2018	Studies On Low Cost Adsorbent Biomaterial Like 'Coconut Coir' And 'Wood Coal' For Treatment Of Textile Industry Effluent	Proceeding of National Conference of Recent Trends in conservation and management of Ecosystems	ISBN: 978-81-931247-7-2	--	99-108	--
31.	P.S. Sarkale, A. S. Jadhav	2021	Utilization Of Rice Husk And Laterite As A Low-Cost Adsorbent For Heavy Metal Removal Through Aqueous Solution	Innovare Journal of Agricultural Science	ISBN 2321-6832	Volume 9, Issue 4	1-5	--
32.	Jadhav A.S. and Mangalekar S.B	2022	Studies on Health and Hygiene in Slums of Kolhapur city	Indian Journal of Applied Research		Vol. 12 Issue 05	1-3	
33.	Jadhav A. S, Sarkale P.S., Chougale S.T	2022	Evaluation of Drinking Water Storage Practices and Point Of Use (POU) Treatments for Water Purification in Rural Area around Kolhapur City, Maharashtra	International Journal of Current Science Research and Review		5(3)	635-639	

34.	Jadhav A. S, P.R.Bhosale., Sarkale P.S., Chougale S.T	2022	Effect of Organic Dust on health of pounding mill workers in southern Maharashtra, India	Indian Journal Environmental protection		42(2)	1272- 1275	
35.	Amanullah Adeel1, N.B. Gaikwad2, S.T. Chougale3, P.S. Sarkale4, P.R. Bhosale5, A. S. Jadhav6	2022	Concerning Human Health Risks of Trace Elements Contamination in Groundwater Sources nearby the Arabian Sea, Malvan Coastal Area, India	YMER		21(8)	85- 104	
36.	Chougale Sanjivani Tanaji, Sarkale Prajкта Shahaji, Jadhav Aasawari Suhas	2022	Stabilization of dairy industry sludge with leaf litter using as composting and its effect on <i>Spinacia oleracea</i> plant growth	Materials Today: Proceedings (Elsevier)				
37.	Sarkale Prajкта Shahaji, Chougale Sanjivani Tanaji, Jadhav Aasawari Suhas	2022	Removal of nitrate from aqueous solution by using orange peel and wheat straw	Materials Today: Proceedings (Elsevier)				
38.	Sandip B. Mangalekar, Aasawari S. Jadhav, Pallavi R. Bhosale, Jay S. Samant	2023	Correlation of Rainfalls and Water Levels in Panchganga Basin and Almatti Dam During Monsoon of Year 2010, and Multiple Regression Analysis of Rainfall and Water Level at Rajaram Bandhara (K.T. Weir) on Panchganga River for Prediction of Flood of Prediction	Journal of Shivaji University: Science and Technology	ISSN Science- 0250-5347	Volume- 45, Issue-2 (July, 2019)	1-16	
39.	Pallavi R. Bhosale, Aasawari S. Jadhav, Sandip B. Mangalekar, Prakash D. Raut	2023	Assessment of Pressmud Enriched with Isolated Micro Flora from Pressmud on Growth and Quality of Sugarcane	Journal of Shivaji University: Science and Technology	ISSN Science- 0250-5347	Volume- 45, Issue-2 (July, 2019)	17-28	
40.	Sanjivani T. Chougale, Prajкта S. Sarkale, Aasawari S. Jadhav	2023	Agro-Industrial Waste Generation, Utilization and Management Through Carbon Sequestration Potential	Journal of Shivaji University: Science and Technology	ISSN Science- 0250-5347	Volume- 45, Issue-2 (July, 2019)	29-47	
41.	Aasawari S. Jadhav, Amanullah Adeel, Sanjivani .T.Chougale	2023	Women In Environmental Conservation and Sustainability	Journal of Shivaji University: Science and Technology	ISSN Science- 0250-5347	Volume- 45, Issue-2 (July, 2019)	48-52	
42.	Parit A. A., A. S. Jadhav and Raut P. D.	2023	“Screening and isolation of polypropylene degrading fungi from waste dumping site, Kolhapur, India.	Nature Science and Pollution Technology				
43.	Bhosale C. S A. S. Jadhav and Raut P. D.	2023	“Ambient air quality monitoring and assessment with reference to particulate matter (PM ₁₀) in Kolhapur city.”	Nature Science and Pollution Technology		Vol. 22, No.4		

44.	Pokharnikar N. B. A. S. Jadhav and Raut P. D.	2023	The Studies on degradation of organic food waste, municipal solid waste and agriculture waste from Kolhapur, Maharashtra.	Ecology, Environment and Conservation	0971-765X			
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G. Papers presented at national International Conferences, Seminars, and Workshops

Sr. No.	Name of the author	Title of the paper	Conf. name, Organization and Date
1.	Patil A. K. and P. D. Raut	Biosorption of Cr (VI) from electroplating industry using biomaterial	International Conference on Technologies for Mitigation of Environmental Pollution and their application in conservation of Aquatic ecosystem organised by Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 13th Dec., 2008.
2.	Patil Y. Y., Chandagade C. A. Patil A. K. and P. D. Raut	“Studies on the alternative water resources from Kolhapur city”	National Conference on Environmental Policies for Sustainable Development organized by Environmental Protection Research Foundation on 25th and 26th December, 2008 by G. S. College, Belgaum on 7th and 8th August, 2009
3.	Patil Y. Y., Patil A. K. and P. D. Raut, 2009.	“Studies on impact slaughter house waste on environment” in UGC sponsored National Seminar on “Management of utilization and disposal of urban solid waste”	National Conference on Environmental Policies for Sustainable Development organized by Environmental Protection Research Foundation on 25th and 26th December, 2008 organized by G. S. College, Belgaum on 7th and 8th August, 2009
4.	Patil A. K., Chandagade C. A. and P. D. Raut, 2009 .	“E waste management – an emerging environmental and health issue”	UGC sponsored National Seminar on “Management of utilization and disposal of urban solid waste” organized by G. S. College, Belgaum on 7th and 8th August, 2009
5.	V.V. Jadhav, A.K. Patil, C.A. Chandagade and P.D. Raut, 2009 .	“Biodegradation of endocrine disrupting compound Bisphenol A (BPA) by isolated bacterial cultures”	29th Session of Academy of Environmental Biology and National Symposium on „Bio-safety and Environmental Impact of Genetically Modified Organisms and Conventional Technologies for Pest Management“ to be held at International Crops Research Institute for the Semi-Arid Tropics, Patancheru, Hyderabad on 20 – 21st November, 2009
6.	P. P. Loni, A. K. Patil, and P. D. Raut, 2010	“Studies on groundwater quality from different wards of Kolhapur city”	National Conference on Natural Resources Management and Sustainable Development organized by School of Earth and Environmental Science, North Maharashtra University, Jalgaon on 1st and 2nd February, 2010

7.	D. D. Biraje, A. K. Patil and P. D. Raut, 2010”	“Studies on status of solid waste management of Kolhapur city”	National Conference on Natural Resources Management and Sustainable Development organized by School of Earth and Environmental Science, North Maharashtra University, Jalgaon on 1st and 2nd February, 2010.
8.	V.N. Patil, A.S. Jadhav, J.S. Samant and P.D. Raut	“Assessment of the status and ecological impact of ‘Raab’ burning (cultivation) in some villages of Shahuwadi taluka of Kolhapur district”.	National conf. on National Resource Management for Sustainable Development. :North Maharashtra University. : 1st and 2nd Feb. 2010.
9.	Jadhav A.S. and S.B. Mangalekar	“Studies on watershed management in Shivaji University Kolhapur”	International conference on Multidisciplinary Approaches in Applied Geology MAAG 2012 organised by Gokhale College, Kolhapur, India on 20th – 21st January, 2012.
10.	Jadhav A.S. and Raut P.D. 2012	“Role of Higher education institutions in environmental protection”	Workshop for University Teachers, Shivaji University, Kolhapur May 2012
11.	Jadhav A.S. and Raut P. D. 2012	“Role of academic institutions with NGOs in environmental protection”	Workshop for University Teachers, Dept of Economics, SUK May 2012
12.	Loni P. P., Jadhav A.S. , Raut P. D.	“Status of lakes in the city of Kolhapur”	Maharashtra National Conference on „ Wetlands and Water“ 1st -2 nd Feb, 2013, Uttara Kannada Jilla Vijnana Kendra, Karwar
13.	Jadhav V.V., Jadhav A.S. and Raut P. D	“EduSAT: Satellite base system of education, case study of Shivaji University and Department of Electronics, Shivaji University, Kolhapur”.	An Interdisciplinary National Conference on Information. and Communication Technology for Education (ICTE-2013), Held on 4 th and 5 th March 2013. Department of Education
14.	Jadhav V.V., Ingawale R.R., Jadhav A.S. and P. D. Raut	“Impact of traffic related air pollution on lung function capacity”	IITM-WMO seminar on Metropolitan Air Quality Forecasting & Services (SAFAR), held at IITM, Pune India on 30 th August 2013, IITM, Pune India
15.	Gaikwad N.B., Pawar M, Jadhav A.S. and Raut P.D.,	“Phytoremediation with the use of water hyacinth (Echhornia crassipes) in constructed wetlands for treatment of textile effluent,	International Conference on ‘Sustainable Water Resource Development and Management’ (SWRDM 2012) 20th-21 st Dec. 2012 Dept. of Env. Science, Shivaji University, Kolhapur
16.	Jadhav A.S. and Patil G.P.	“Issues of Rural Women with Respect to Health and Local Environment”	National Conference on “Environmental Issues and Social Exclusion” organized by Centre for the study of Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur on 11 th and 12 th Feb. 2014
17.	Jadhav A.S. and Samant J.S.	“Innovative Approaches for Low Cost Treatments of Drinking Water”	All India Seminar on “Innovative Approaches for Low Cost Treatments of Water and Wastewater” organized by The Institution of Engineers(India),

			Kolhapur Local Center in collaboration with Department of Technology, SUK on 20-21 Feb., 2014
18.	Jadhav A.S. and Raut P.D.	“Evaluation of microbiological quality of ice creams marketed in Kolhapur city, Maharashtra, India”	National Conference on “Recent Trends and Future Prospects in Multidisciplinary Approaches in Microbiology” held at Rajaram College on 4 th and 5 th October, 2014
19.	Jadhav A.S. and Samant J.S.	“Evaluation of point of use drinking water purification methods for household application to remove coli forms”	National Conference on Resource Planning and Development: Indian Scenario held at Department of Geography, Shivaji University, Kolhapur on 20 th and 21 st Feb. 2016
20.	Jadhav A.S.	“Evaluation of Drinking water storage practices and point of use treatments for water purification in rural areas around Kolhapur city, Maharashtra”	National Seminar on “Society and Environmental Issues in India” held on 29 th and 30 th Jan. 2016 in Department of Sociology, Shivaji University, Kolhapur
21.	Jadhav A.S. and S. B. Mangalekar	Disaster management in religious places of Kolhapur District	National Conference on Religion and Environment with special reference to Jainism on 23 rd and 24 th Feb. 2016 jointly organized by Bhagwan Mahaveer Chair and Department of Environmental Science, Shivaji University Kolhapur.
22.	Jadhav A.S.	“Role of Women in Environmental Sustainability in past and present”	National Seminar on “Explorations in Women’s History and Feminist History” held at History Department , Shivaji University, Kolhapur, on 3 rd March, 2016
23.	Jadhav A.S.	Environmental Impacts of Fire Crackers in Diwali Festival with special reference to Kolhapur Maharashtra.	Twenty first Annual Conference and International Seminar held at Shivaji University, Kolhapur on 30 th Nov., 1 st and 2 nd Dec.2016
24.	Jadhav A.S. and Raut P.D.	Use of Electronic media for environmental education and awareness	International Interdisciplinary Conference Curriculum Reforms In Higher Education: Global Scenario (iccrhe2018)”, on Feb. 4-6, 2018, jointly by Department of Education, Electronics and Computer Science, Shivaji University, Kolhapur,
25.	Jadhav A.S. and P. R. Bhosale	Surveillance on Drinking water quality and supplying the cost effective solution for water treatment in rural area	National Seminar on Emerging Trends in Ideal Villages in 21 st Century (23 rd March,2018)by YCSR and Dept. of Political Science, Shivaji University
26.	Jadhav A.S.	Challenges and opportunities in plastic waste management through legal framework	International Conference on Energy, Environment and Ethics in research at Yashawantrao Chavan Warana Mahavidyalaya , Warananagar on 7 th Feb. 2019

27.	Bhosale P. R., Chougule A.A, Jadhav A.S. and Raut P. D.	“Studies on soil characters after enrichment of composted pressmud.”	National Conference on Science and Technology : Rural Development” (NCSTRD-2019) at Centre for Material Science and Technology, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysuru held on 17 th and 18 th October 2019
28.	Jadhav A.S. , Bhosale P.R. and Raut P.D.	Simple, Low-Cost models for drinking water purification at household level in rural area	National Conference on Science and Technology : Rural Development” (NCSTRD-2019) at Centre for Material Science and Technology, Vijnana Bhavan, University of Mysore, Manasa Gangotri, Mysuru held on 17 th and 18 th October 2019
29.	Jadhav A.S. , Bhosale C.S, Bhosale P.R. and Raut P.D.	Assessment of indoor and outdoor noise pollution levels in hospital premises in Kolhapur city, India.	International Conference on “Sustainable Development: Goals for 21st Century” organized by MPCB and CSIBER, Kolhapur, 10 th January, 2019
30.	Jadhav A.S. , and Bhosale P.R.	Women involvement in Environmental protection	National Conference on Nature Nature to Strengthen the Future” Organized by Indian Woman Scientist Association (IWSA) Kolhapur Branch 9th March 2022

H. Conferences, Seminars posters presented

Sr. No.	Name of the author	Title of the paper	Conf. name, Organization and Date
1.	Jadhav A. S., S. T. Chougule, and Bhosale P. R.	Studies Of Physico-Chemical Parameters and Heavy Metals Traces In Ground Water In And Around Malvan, Dist. Sindhudurg	National Conference on Mangroves and Coastal Resources organized by Department of Botany, SUK in association with Mangrove Society of India, Goa and Mangrove Foundation on 12 th April, 2019

I. Conferences, Seminars, and Workshops attended

Sr. No.	Workshops/ Conferences / Seminars	Name of the organization
Workshops		
1.	National Workshop on Advance tools and Techniques in Geoinformatics	Jointly organized by Dept. of Geography and Dept. of Environmental Science , SUK on 5 TH and 7 th March 2014
2.	National Bee Keeping Workshop	organized by Department of Zoology and Environmental Science on 17 th - 19 th Dec. 2016
3.	Science Academies Lecture workshop on Foundation Lectures in Biology	organized by Department of Zoology and Environmental Science on 16 th - 18 th Aug. 2017
4.	One day workshop on Students Council Election	Organized by Department of Students Development on 15 th June, 2019

5.	International Workshop on Geoinformatics for Disaster Management	organized by Dept. of Geography and Dept. of Environmental Science ,SUK on 4 th 2018
6.	UGC SWAYAM and MOOCS workshop	organized by Shivaji University, Kolhapur on 22 nd May, 2018
7.	Student Centric Teaching – Learning Methods	organized by Dept. of Education and IQAC, Shivaji University, Kolhapur on 22 nd May, 2018
8.	Carbon Credits and Water Management State Level Workshop	organized by Dept. of Environmental Science Shivaji University, Kolhapur on 2 nd Aug, 2018
Conferences		
1.	Integrative Approaches in Environmental and Applied Sciences	International conference organized by Padmbhushan Dr. Vasantrodada Patil Mahavidyalaya , Tasgaon, Dist., Sangli (M.S.) 8 TH and 9 th Feb. 2019.
Seminars		
1.	Swatcchh Bharat Abhiyan: Impact on Society and Environment	Organized by Dattajirao Kadam Arts, Science and Commerce College , Ichalkaranji and Dept. of Social Sciences on 31 st January, 2019

J. Author / Contributory author of Books, Manuals etc. published:

Sr. No.	Title	Type of Book & Authorship	Publisher & ISSN/ISBN No.
1.	Environmental Studies for undergraduate students, English medium 2005 Edition	Text Book	Shivaji University, Kolhapur
2.	Environmental Studies for undergraduate students, Marathi medium 2005 Edition	Text Book	Shivaji University, Kolhapur
3	Environmental Studies for B. A. B. Com Part II English medium 2008 Edition	Text Book Self Instructional Material (SIM)	Shivaji University, Kolhapur
4.	Environmental Studies for B. A. B. Com Part II Marathi medium 2008 Edition	Text Book Self Instructional Material (SIM)	Shivaji University, Kolhapur
6.	Global Warming	Reference Book	Dept. of Adult and Continuing Education, Shivaji University, Kolhapur
7.	Souvenir of Panchganga Pollution Prévention for Gramsevak and Sarpanch	Reference Book	Shivaji University, Kolhapur
8.	Environmental Status Report (ESR) 2008-2009 of Kolhapur Municipal Corporation, Kolhapur.	Report	Dept. of Environmental Science, Shivaji University, Kolhapur
9.	Survey Report of “Drought Prone Regions of Sangali District”	Report	Sangli Collectorate, Sangli.

10.	“Green Audit – 2012 Report” of Shivaji University, Kolhapur	Report	Shivaji University, Kolhapur.
11.	“Water related Problems”	Article	Margeshwari (Diwali magazine), Nov., 2014
12.	“Scope of Environmental Sciences”	Article	Maharashtra Times Newspaper, 27th May, 2016
13.	“Ghodawat Jaggery Pre-feasibility report”.	Report	Dept. of Environmental Science, SUK, Aug. 2017
14.	“Green Audit – 2016 Report” of K. B. P. Pandharpur College, Kolhapur.	Report	Dept. of Environmental Science, SUK, April - May 2017
15.	Green Audit – 2018-19 Report” of Shivaji University , Kolhapur	Report	Shivaji University, Kolhapur.
16.	“Green Audit – 2018-19 Report” of Chandrabai-Shantappa Shendure College, Hupari Dist. Kolhapur.	Report	Shivaji University, Kolhapur.
17.	“Green Audit – 2018-19 Report” of Arts, Science & Commerce College, Ramanandnagar , (Burli), Dist. Sangli.	Report	Shivaji University
18.	“Green Audit – 2018-19 Report” of Shri. Raosaheb Ramrao Patil Mahavidyalaya, Savlaj, Dist. Sangli.	Report	Shivaji University
19.	“Green Audit – 2018-19 Report” of Prof. Dr. N. D. Patil Mahavidyalaya, Malakapur, Tal. Shahuwadi, Dist: Kolhapur.	Report	Shivaji University
20.	Rainwater Harvesting and Management for colleges 2018-19	Report	Shivaji University
21.	Environmental Studies for B. A. B. Com Part II English medium 2021 Edition	Text Book Self-Instructional Material (SIM)	Shivaji University, Kolhapur
22.	Environmental Studies for B. A. B. Com Part II Marathi medium 2021 Edition	Text Book Self-Instructional Material (SIM)	Shivaji University, Kolhapur

K. Lectures delivered as Resource Person:

1. Invited lecture on ‘Global Warming’ for college students organized by Department of Adult and Continuing Education in Various colleges in Jan. 2010 (5 Collages of Shivaji University Area).
2. Delivered invited lecture on “ Air Pollution and their effects” for school children in Navoday Vidyalay on 20th Nov.2011
3. Delivered invited lecture on “Water Management –Urgent Need of Today” in Zilha Parishad, Kolhapur on 19th March, 2012.

4. Delivered invited lecture on “Noise pollution and its monitoring” at training programme organized by MSBTE at Govt. polytechnic, Kolhapur during 6th to 11th Jan. 2014.
5. Delivered invited lecture on “Global Warming” on Inspire award Exhibition organized by Zilha Parishad at Maharashtra Highschool, Kolhapur on 28th Sep.2016 .
6. Resource person for the one Day Seminar on “Global Warming- reasons, Impacts and remedies” at Shri. Yashwantrao Patil Science Mahavidyalaya, Solankur on 1st Nov. 2016
7. Delivered invited lecture on “Environmental problems in Society” at Kamala College on 20th Jan.2018
8. Delivered invited lecture on “ Solid Waste Management – Need of society” at Indira Gandhi Vidyaniketan School, Kolhapur on Jan.2018
9. Delivered lecture on “Solid Waste –Sources, Effects and Management” at Vivekanand College, Kolhapur in a workshop on Solid Waste Management on Jan.2018.
10. Delivered lecture on “Solid Waste –Sources, Effects and Management” at Lal Bahaddur Shatri College, Satara in a workshop on Solid Waste Management on 3rd Feb.2018.
11. Delivered lecture on “Solid Waste –Sources, Effects and Management” at Wilingdon College, Sangli in a workshop on Solid Waste Management on 5th Feb.2018.
12. Delivered lecture on “Solid Waste –Sources, Effects and Management” at Ladies Hostel, Shivaji University in a workshop on Solid Waste Management on 10th March 2018.
13. Delivered lecture on agriculture training centre on ‘Impacts of Climate change on Agriculture’ 22th Dec. 2019.
14. Delivered lecture on Global warming and its impacts in Shri Shahaji College, Kolhapur on 29th January, 2019.
15. Delivered lecture on Earth Day 2021 for the programme with ISHRAE and RAAS 22nd April 2021
16. Delivered lecture on Corona pandemic and its impacts in Shri Shahaji College, Kolhapur on 29th May, 2021.

L. Participation in development of new courses:

1. M.Sc. Environmental Science, NEP 2020, Dept. of Environmental Science, Shivaji University
2. Environmental Studies, Degree level course for second year students under Shivaji University
3. B.Sc. Environmental Science, NEP 2020, Baramati College

4. Post Graduate Diploma in Industrial Safety, Health and Environment (PGDISHE), Shivaji University, Kolhapur.
5. Diploma in Industrial Safety, Health and Environment (DISHE), Shivaji University, Kolhapur

M. Administrative responsibilities, Co-Curricular Activities and Extracurricular Activities:

1. I/C Head, Department of Environmental Science, Shivaji University since August 2020.
2. Course Coordinator of Diploma in Environmental Protection and Management (PG DEPM) course in Dept. of Environmental Science, Shivaji University, Kolhapur.
3. Course Coordinator of Diploma in Industrial Safety Health and Environment (DISHE) PG Diploma in Industrial Safety Health and Environment (PGDISHE) course in Dept. of Environmental Science, Shivaji University, Kolhapur.
4. BoS chairman for M.Sc. Environmental Science, PGDISHE, DISHE, PGDEPM.
5. Rector, Girls Hostel no. 2, Shivaji University Kolhapur Since June 2015 onwards.
6. NAAC Coordinator of Department of Environmental Science, Shivaji University.
7. Committee member National Science Day, 2012 and Debate competition in National Science Day, 2015, Shivaji University, Kolhapur.
8. Coordinator of workshop on 'NET/SET in Environmental Science' in Dept. of Environmental Science, Shivaji University, Kolhapur during 2009 to 2014.
9. Member of director body of Shivaji University Central Co. Operative Consumers Stores Ltd. since 2018-19.
10. Committee member National Science Day, 2020 and Elocution competition in National Science Day, 2020, Shivaji University, Kolhapur
11. Organizing Secretary of International Conference on "Sustainable Water Resource Development and Management" Sponsored by Ministry of Earth Science and DAE-BRNS.
12. Departmental Coordinator of Beti Bachao Abhiyan of Shivaji University
13. Participation in Departmental Environmental Monitoring Consultancy work and green audit report preparation
14. Working as Placement officer in Department of Environmental Science, Shivaji University, Kolhapur.
15. Working as Counselor in Department of Environmental Science, Shivaji University, Kolhapur.
16. Working as NSS Coordinator Councilor in Department of Environmental Science, Shivaji University, Kolhapur.
17. Member of Ad- hoc Board in Environmental Science.
18. Coordinator and conducted workshops on Solid Waste Management on three colleges under Shivaji University.
19. Working as Senior Supervisor for M.Sc., PGDISHE, DISHE and DISHE examinations since 2008.
20. Working as coordinator of Karekar lecture series based on science, since 2018.

21. Coordinator and conducted value added course on Drinking Water Quality Management in Dept. of Environmental Science, in between 3rd June 2018 to 14th June 2018.
22. Worked as an examiner for Pioneer Science Exhibition in KIT College of Engineering Kolhapur in Feb. 2020
23. Working as an examiner for a paper setting in Solapur University Solapur, in Environmental Science since 2015.
24. Participated blood donation camp, organized by Sanjeevan Blood Bank, at Shivaji University Kolhapur, on 9th July 2014.
25. Worked as an examiner for the Youth Parliament of Kirloskar Vasundhara Film Festival in 2018.
26. Working for a Plantation and Nurturing site of 400 trees on the university campus with the help of M.Sc. students.
27. Working for Ecofriendly Idol immersion activity at Kotitirth Lake since 2008.
28. Participated in humanitarian help extended in terms of distributing food items/clothes/water/health services and other relief materials to the victims of the severe flood of August 2019 in the area under the jurisdiction of Shivaji University, Kolhapur.
29. Working as Coordinator of Beti Bachao Abhiyan in Department of Environmental Science.

N. Industrial Reports:

1. Participated in preparation of Prefeasibility Report of 1400 TCD Ghodawat Foods International Jaggery Project Pvt. Ltd., Chipari, Jaysingpur, Kolhapur
2. Prepared Prefeasibility Report of Jakraya Sugar factory, Solapur