
	<p style="text-align: center;">Prof. Parag Sadgir Professor, Civil Engineering Department, College of Engineering Pune, India</p> <p style="text-align: center;"><i>Ph.D.</i>, Chartered Engineer, <i>FIWWA, FIE, FIWRA, FIAH, FIWRS</i> Mobile: +91 9822356907 email : pas.civil@coep.ac.in www.coep.org.in</p>
	<p>Working in the field of Environmental Engineering for more than 33 years, Dr. Parag Sadgir is an expert Engineer, Educator, Researcher and Consultant. Presently working as a Professor in the Civil Engineering Department at College of Engineering Pune, he is a strong Engineering Professional, having obtained his M.E. in Environmental Engineering from VJTI Mumbai and Ph.D. in Environmental Engineering from SGSIT & Sc, Indore.</p> <p>As an educator, he has more than 30 years of teaching career. He is a recognised Ph.D. guide under whose able guidance five students have been awarded Ph.D. degrees, and 24 students have been awarded M.Tech./M.E. degrees.</p> <p>An accomplished researcher with more than 125 publications to his credit, he has a rich experience in serving as an Editorial Board Member and Journal Reviewer of numerous renowned peer-reviewed journals. He has completed one UGC Major Research (with one ongoing) and one UGC Minor Research Project. He has also been granted a patent on Self-Purification Based Polluted Water Purification to recognise his significant research breakthrough and contribution to his field.</p> <p>In addition to his roles as an educator and researcher, he has also gathered extensive administrative experience, serving in key positions as Registrar Academic, Dean Quality Assurance and Dean (CEP). He has also served in various statutory authorities such as Member, Board of Studies, Member RRC, Member, Technical Committee. His excellent people management skills through experiences of leading more than 40 in various capacities and organising 6 National Conferences sponsored by various government bodies and 1 Short Term Training Programme. He has also functioned as Member National Advisory Committee and Session Chairman at several international conferences.</p> <p>He has undertaken over 50 consultancy projects for World Bank, state government agencies, and municipal corporations. He has been an Executive Council Member of IWWA for more than 16 years and has served as Chairman IWWA Aurangabad Centre. He is also an active member of 8 professional bodies.</p>

Biodata Summary

- **01 Patent granted : Patent No. 365518 : Self-Purification Based Polluted Water Purification date :** 03.03.2016.
- **127 Research publications**
36 Research Papers published in peer reviewed journals, 49 Research Papers published/ presented in proceedings of International conference, 42 Research Papers published/presented in proceedings of National Conference
- **02 Editorial Board Member for peer-reviewed Research Journals**
- **07 springer and Scopus indexed Journal Reviewer**
- **01 U.G.C., Major Research Project completed**, 01 Minor research project completed and 01 Major research project ongoing
- **06 National Conferences and 01 Short term training Programme organised as Convenor/organising secretary**
- Recognised Ph. D. Guide, Dr. B. A. Marathwada University, Aurangabad and SPPU, Pune. **05 students awarded Ph.D. degree** and 24 students awarded M. Tech/ M. E. Civil Engg. as Research Guide
- **05 Textbooks/Monographs published and 01 Book chapter published**
- 13 Articles published in Newspaper/magazines/books
- 15 Invited talk
- 08 Membership of Professional bodies/ Societies
- 24 Short term training Programme participated

Educational qualifications

Examination/ Degree	Board/ University	Institute	Subjects/ Specialization	Year of Passing	Division / CGPA	Marks in %
Ph.D. (Civil Engineering-Environmental Engineering)	Rajiv Gandhi Proudhyogiki Vishvavidyalaya, Bhopal	S.G.S.I.T.S., Indore	Civil- (Environmental Engineering)	22 .06. 2007	---	---
M.E. Civil - (Environmental Engineering)	University of Mumbai	V.J.T.I., Mumbai	Civil- (Environmental Engineering)	15.04.1996	First	67%
GATE Examination	----	---	Civil Engineering	1993		89.50%
B. E. Civil Engineering	University of Pune	P.R.C.E., Loni, Ahmednagar	Civil Engineering	1988	First with Dist.	66%

Experience

University/ Institution*	Post	From	To	Total (in years and months)
College of Engineering Pune (COEP)	Professor in Civil Engineering Department	02.06.2018	Till date	3 Year 11 M
Government College of Engineering, Aurangabad	Professor in Civil Engineering Department	23.06.2015	01.06.2018	2 Year 11 M
	Associate Professor in Civil Engineering Department	01.01.2006	22.06.2015	9 Year 06 M
	Lecturer (selection grade) in Civil Engineering Department	04.11.2003	31.12.2005	2 Year 2 M
Government Polytechnic, Latur, Dhule and Ahmednagar	Lecturer (selection grade) in Civil Engineering Department	29.09.2001	03.11.2003	2 Year 1M
Amrutvahini College of Engineering, Sangamner, Dist. Ahmednagar	Assistant Professor in Civil Engineering Department	15.07.1997	28.09.2001	4 Year 2 M
	Lecturer in Civil Engineering Department	15.07.1990	14.07.1997	7 Year 0 M
Amrutvahini Polytechnic, Sangamner, Dist.Ahmednagar	Lecturer in Civil Engineering Department	15.07.1989	14.07.1990	1 Year 0 M
Archivista Consultants, Pune	Engineer	01.08.1988	14.07.1989	0 Year 11 M
Total Experience				33 Year 08 M

Details of administrative experience: College of Engineering Pune (Autonomous Institute of Government of Maharashtra)

S No.	Post	Period	Description
1	Chairman, Autonomous Ph. D. Admission Committee	02.07.2021 to 31.05.2022 (1 year)	Prepared and implemented admission process rules and regulations for Ph.D. Admission process 2021-22 and conducted RPET Test and admission process successfully as Chairman, Autonomous Ph. D. Admission Committee, College of Engineering Pune (Autonomous Institute of Government of Maharashtra). In the year 2021-22, a total of three rounds of Ph.D. admission are conducted. Total 74 candidates (Regular Ph.D. programme 69 candidates and AICTE ADF 5 candidates) are admitted for Ph.D. programme.
2	Coordinator, Social Entrepreneurship, Swachhta & Rural Engagement Cell (SESREC), Core Committee Member, Unnat Maharashtra Abhiyan and Unnat Bharat Abiyan	28.08.2020 to till date (1 year)	Prepared skill centre proposal with village development plan at Kikvi village and Ranje village as member Unnat Bharat Abhiyan and Coordinator, Social Entrepreneurship, Swachhta & Rural Engagement Cell (SESREC)
3	Environment Management Framework Coordinator –TEQIP III	07.01.2019 to till date (3 years)	Prepared Environment management framework of Institute, prepared solid waste management plan, E-waste management, and water audit as Environment Management Framework Coordinator –TEQIP III
4	Convenor, Technology Development Solution Cell	21.10.2021 to 31.05.2022 (1 year)	Preparation of technology development solution cell guidelines. Projects related to social problems
5	Core Committee Member, COLL POLL Committee	21.10.2021 to 31.05.2022 (1 year)	Preparation of COLL POLL data, monitoring and implementation with committees.
6	Staff Advisor, CSAC Club	28.08.2020 to till date (2 year)	Organisation of various lectures and guidance seminars for competitive examinations. 13 students were selected in UPSC Civil Services 2020 examination.

Details of administrative experience: Government College of Engineering, Aurangabad
(Autonomous Institute of Government of Maharashtra)

S No.	Post	Period From – to – (dates and duration)	Description
1	Dean (Quality Assurance)	18.07.2017 to 01.06.2018 (1 year)	Institutional Coordinator Rastriya Uccharat Siksha Abhiyan (RUSA) prepared the proposal for RUSA funding of Rs. 12.04 Crore. Coordinator, IQAC Cell, NAAC, formed IQAC cell and initiated NAAC proposal. Coordinator, EOA activity, AICTE and prepared and submitted EOA report 2018-19. Coordinator, NBA Cell prepared NBA SAR for 3 departments and submitted it. Prepared and submitted extension of autonomy proposal
2	Dean (Continuing Education Programme)	25.08.2015 to 17.07.2017 (2 years)	Prepared continuing education rules and regulations
3	Registrar (Academic)	8.01.2013 to 25.08.2015 (2 years and 8 months)	Prepared agenda and organised 04 BOM Meeting and prepared minutes of meeting with action taken report. (14.05.2013 6 th BOM Aurangabad, 03.01.2014 7 th BOM at Mumbai, 30.08.2014 8 th BOM Pune and 07.04.2015 Aurangabad 9 th BOM.) Preparation and implementation of Policy for human resources, academic, financial budgeting, and agenda for a meeting of Board of Management while Working as Registrar (Academic). Design, approved and adopted a logo for Government College of Engineering, Aurangabad (Autonomous Institute of Government of Maharashtra) in 2014 after 54 years of establishment in 1960.
4	Member Secretary, Academic Council	8.01.2013 to 25.08.2015 (2 years and 8 months)	Prepared agenda, conducted 04 academic council meetings and prepared minutes of meeting with action taken report (26.03.2013 9 th AC, 18.01.2014 10 th AC, 27.06.2014 11 th AC and 18.04.2015 12 th AC). Preparation and implementation of Policy for academics, implementation of reforms in the examination system,

				agenda for a meeting of Academic Council while Working Member Secretary, Academic Council, Government College of Engineering, Aurangabad (Autonomous Institute of Government of Maharashtra). Implemented reforms in academics in Autonomous Institute of Government of Maharashtra at UG and PG levels.
5	Quality Improvement Programme (QIP) coordinator	13.07.2011 to 16.05.2013 (2 years)		Prepared and submitted proposal for QIP Centre as Quality Improvement Programme (QIP) coordinator, Government College of Engineering, Aurangabad (Autonomous Institute of Government of Maharashtra)
6	Nodal officer, Institutional Reform, TEQIP –II	01.04.2010 to 31.03.2015 (5 years)		Prepared institutional reform plan and implemented
7	ARC Officer 2016, Directorate of Technical Education, Maharashtra State and CET cell	02.06.2016 to 02.09.2016 (3 months)		Coordinated admission procedure for Marathwada region for admission of 4514 candidates for 24 programmes including B.E., B.Pharm, B.Arch etc.
8	Nodal officer, services to Community and Economy, TEQIP –I	01.03.2005 to 31.03.2010		Prepared plans for community services and implemented them in villages.

Experience of working on the Statutory Authorities/ forums of a university such as Board of Studies, Academic Council, Management Council or Executive Council of Board of Management, Senate, etc.

S No.	Institution	Statutory forums/ authority and position	From	To	Total (in years)
1	Walchand College of Engineering, Sangli	Member, Board of Studies, Civil Engineering	2022	-	

2	Mumbai University, Mumbai	Member, Research & Recognition Committee (RRC) , Environment Science BOS	2020	---	
3	MGM University, Mumbai	Member of Research & Recognition Committee (RRC), Civil Engineering	2020	----	
4	Shivaji University, Kolhapur	Member of Research & Recognition Committee (RRC), Environmental Science	2018	2018	1
5	Savitribai Phule Pune University, Pune	Member, Board of Studies, Civil and Environment technology	2021	2023	2
6	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra	Member, Board of Studies, Civil Engineering	2017	2018	1
7	Government College of Engineering, Aurangabad	Member, Board of Studies, Civil Engineering	2006	2018	12
8	Government College of Engineering, Aurangabad	Member, Academic Council	2012	2018	6
9	Namami Chandrabhaga Abhiyan, Government of Maharashtra, Mumbai	Member, Technical Committee	2018	2019	1
10	Aurangabad Water Supply Committee, Aurangabad Municipal Council, Aurangabad	Expert Member	18.08.2008	15.10.2011	3
11	College of Engineering Pune	Member, Board of Studies, Civil Engineering	2018	Till date	

Professional Experience

1	Executive Council Member, Indian Water Works Association, Mumbai, India	05/02/2006 to 23/06/2018 and 01/04/2019 to date	14 year
2	Youth Forum Coordinator, Western Region, Indian Water Works Association, Mumbai, India.	01/04/2015 to 31/03/2019 Organised online 11 webinars for youth on various subjects related to water	4 year

3	Member, Technical Committee, Indian Water Works Association, Mumbai, India	01/04/2021 to 31/03/2023	2 year
4	Member, International Committee, Indian Water Works Association, Mumbai, India	01/04/2021 to 31/03/2023	2 year
5	Hon. Secretary, Indian Water Works Association, Aurangabad Centre	05/02/2006 to 08/12/2016	10.5 year
6	Chairman, Indian Water Works Association, Aurangabad Centre	09/12/2016 to 23/06/2018	2 year
7	Executive Committee member, Indian Institution of Engineers (India), Aurangabad Centre	28/10/2016 to 01/06/2018	2 year
8	Executive Committee member, Indian Water Resources Society, Aurangabad Centre	01/04/2016 to 31/03/2018	2 year
9	Secretary, Bharatitya Jalsanskriti Mandal, Aurangabad, India	01/04/2004 to 31/03/2006	2 year

Details of international exposure through participation in workshops, seminars or conferences held

Sr.	Particulars of Conference	Place	Date	Details of responsibility
1	Virtual International Conference on Advances in Sustainable Research for Energy and Environmental Management (ASREEM-2021)	SVNIT, Surat	06-08 August 2021	Member, National Advisory Committee
2	Virtual International Conference on Advances in Sustainable Research for Energy and Environmental Management (ASREEM-2021)	SVNIT, Surat	06-08 August 2021	Session Chairman
3	SWARDAM 2021 International Conference organised by Government College of Engineering, Aurangabad	Aurangabad (online) Maharashtra, India	08 and 09 March 2021.	Session Co-Chairman
4	International Conference on “Recent trends & research in Engineering and	Malkapur (online)	2 nd and 3 rd May 2020	Session Chairman

	Science (ICRTRES 2K20)”, organised by Padm. Dr. V. B. Kolte College of Engineering, Malkapur	Maharashtra, India		
5	3rd International Conference on “Environment Pollution and its Control (EPIC 2020)”, Government Engineering College, Banswara.	Banswara, Rajsthan, India.	02 nd and 03 rd March 2020	Conference Co-Chair
6	International Conference on Technological Innovations in engineering and Management, Aurangabad	Aurangabad, Maharashtra, India	26th to 27th February 2018	Session Chairman
7	50th IWWA Convention	Panaji, Goa, India	19 th to 21 st February 2018	Session Chairman
8	49 th IWWA Convention	VNIT, Nagpur, Maharashtra, India	19 th to 21 st January 2017	Session Chairman
9	32 nd National Convention of Environmental Engineers “ Challenges in Environment Management of Growing Urbanization.”	Pune, Maharashtra, India	5 th and 6 th August 2016	Session Chairman
10	6 th International Congress of Environmental Research	Aurangabad, Maharashtra, India	Dec. 19-21, 2013	Session Chairman
11	National Conference on “Green Engineering and Environmental Pollution”	JNEC, Aurangabad Maharashtra, India	February 10-11, 2012	Session Chairman
12	3 rd International Congress of Chemistry and Environment ICCE 2009 at Ubon Ratchathani University, Ubon Ratchathani, Thailand on	Ubon Ratchathani, Thailand	21 st to 23 rd January 2010	Session Chairman
13	SWARDAM 2021 International Conference organised by Government College of Engineering, Aurangabad, Maharashtra, India	Aurangabad, Maharashtra, India	08 and 09 March 2021.	Technical Advisory Board member

01 Patent granted : Patent No. 365518 : Self-Purification Based Polluted Water Purification date : 03.03.2016.

Patent no.365518 grant: Self purification based polluted water purification 03.03.2016 Awarded



Patent no.365518 grant: Self purification based polluted water purification :News



Article in Saptahik Sakal dated 29th May 2021



Editorial Board Member and Reviewer for peer reviewed Journals

Sr.	Name of Journal	Period	Responsibility
1	Research Journal of Chemistry and Environment	2006 to date	Editorial Board Member
2	Journal of Indian Water Works Association	2012-2016	Editorial Board Member
3	Journal of Water Conservation Science and Engineering, Springer	2020-21	Reviewer
4	Journal of Environment Technology and innovation, Springer	2020-21	Reviewer
5	Journal of cleaner Technology and Environment policy, Springer	2020-21	Reviewer
6	Energy Nexus, Springer	2020-21	Reviewer
7	KSCE Springer Journal of Civil Engineering	2017-21	Reviewer

Experience of organising events such as workshops, seminars, conferences at an international/national level within the country in the field of higher education.

S. No.	Title of Workshop / Seminar/ Conference	Month & Year	Place	Role assigned in organising the event
1	National Conference on Sustainable Water Resources Development and Management (SWRDAM-2008)	13 th and 14 th June 2008.	Govt. College of Engineering, Aurangabad, Maharashtra, India	Coordinator
2	National Conference on Environmental Pollution and Management (EPM-2011)	28 th and 29 th January 2011	Govt. College of Engineering, Aurangabad, Maharashtra, India,	Organising Secretary
3	All India Conference “Role of Voluntary Organisations in Water Sector JALPATHIK 2015	8 th and 9 th August 2015	Institution of Engineers (India), Aurangabad	Convenor

4	National Conference on Sustainable Water Resources Development and Management (SWRDAM-2016)	5 th and 6 th July 2016	Government College of Engineering, Aurangabad, Maharashtra, India	Coordinator
5	National Conference on Environmental Pollution Control and Management (EPCM-2019)	1 st and 2 nd March 2019	College of Engineering, Pune (Autonomous Institute of Government of Maharashtra)	Convenor

Experience of organising Short Term Training Programme (STTP) within the country in the field of higher education.

ISTE “Effective Teaching, Personal Effectiveness and Skill Matrix Enhancement for Quality Technical Education Methodologies”, Government College of Engineering, Aurangabad 28th November to 9th December 2011-02 weeks

Details of international exposure through participation in workshops, seminars or conferences held outside the country

S. No.	Name of the international body	Nature of experience
1	International Congress of Chemistry and Environment, International Conference 3 rd ICCE 2009 at Ubon Ratchathani University, Thailand	Worked as Session Chairman in 3 rd ICCE 2009 at Ubon Ratchathani University, Thailand

Experience in guiding Ph.D. students: Ph.D. completed

S. No.	Student	Thesis title	Period of Guideship	Ph.D. awarded in
1	Sarda Purushottam R.	Reservoir Water Quality Modelling Using Artificial Neural Network and Multiple Linear Regression Tool	2011-2016	10.08.2016
2	Patil Ganesh K.	Water Treatment with Bio-Coagulant and Bioadsorption	2011-2016	22.07.2016

3	Shinde S.S. (as Co-guide)	Study of Impact of Polluted River Water on Groundwater and Its Suitability for Irrigation use	2011-2016	16.11.2016
4	Agale Priyanand.K.	Wastewater purification by Aerobic bio grit sand (ABGS) purifier	2014-2019	07.06.2019
5	R. Srinivasan	Lead removal efficiency by using bioadsorbant as an alternative material	2015-2021	18.09.2021

Major Research Projects

S No.	Title of the project	Project Value(Rs. in lakh)	Granting agency	Date of start	Date of Completion
1	Purification of Water Through Herbal Extracts (F. No. 41-192/2012(SR) dated 18 th July 2012)	4.95	Major Research Project U.G.C., New Delhi	18.07. 2012	17.07.2015
2	Assessment of quality of water of neher system (Ref. No.WA/RG/2003-04/4-6 dated 04.04.2005)	0.10	Dr. B. A. Marathwada University, Aurangabad	04.04.2005	31.03. 2007
3	Removal of heavy metals like Iron, Aluminium and Copper from Aqueous Solution using bio electrodes with microbial fuel cell	4.75	College of Engineering Pune (Autonomous Institute of Government of Maharashtra)	2021	ongoing

Published quality books/ book chapters

S.No.	Title of the book/ book chapters	Name of the publisher
1	Chapter 12 “Aerobic Brickbat Grit Sand (ABGS) Purifier: The New Technology for Treatment of Wastewater in Rural India”, New Approaches in Engineering Research Vol.7 (2021)	B P International, 27 Old Gloucester Street London WC1N 3AX, UK, ISBN : 978-93-91473-55-6 DOI: 10.9734/bpi/naer/v7 , 07 July 2021

Textbooks/Monographs published: 06

1	Proceedings of National Conference on Environmental Pollution Control and Management (EPCM-2019), College of Engineering, Pune, Maharashtra, India, Editor : Dr. P. A. Sadgir (2019)
2	Proceedings of Sustainable Water Resources Development and Management-SWRDAM-2016 Published by EXCEL India Publishers, New Delhi Editor: Dr. D. G. Regulwar, Dr. P. A. Sadgir, Dr. K. A. Patil (2016) ISBN 978-93-85777-75-2
3	Proceedings of All India Conference “Contribution of Voluntary Organisations in Water Sector” JALPATHIK-2015 Editor : Dr. P. A. Sadgir (2015)
4	Proceedings of National Conference on Environmental Pollution and Management (EPM-2011), Govt. College of Engineering, Aurangabad, Maharashtra, India, Editor : Dr. P. A. Sadgir (2011) ISBN 978-81-90495-8-8
5	Proceedings of Sustainable Water Resources Development and Management SWRDAM-2008 Published by EXCEL India Publishers, New Delhi Editor : Dr. D. G. Regulwar, Dr. P. A. Sadgir, Dr. K. A. Patil, Dr. U. J. Kahalekar (2008) ISBN 978-81-906531-5-2
6	Book : Water Wisdom of Maharashtra 2008 Editor : Dr. P. A. Sadgir and Dr. U. J. Kahalekar (2008)

Invited talks (14)

1	“ Water Purification with herbs” at Maharashtra Vrisha Samvardhini, Pune on 19.07.2021(online)
2	“Decentralised Wastewater Treatment at High Altitude” College of Military Engineering, Pune on 06.09.2021
3	“Water and Wastewater Treatment” at Dr. B. A. Marathwada University Staff College on 07/02/2018
4	“Evaluation of rural water supply scheme”, organised by CTARA, IIT, Mumbai and Government College of Engineering, Aurangabad on 23/11/2016
5	“Evaluation and design of rural water supply scheme” organised by CTARA, IIT, Mumbai and Government College of Engineering, Aurangabad on 22/11/2016
6	“Challenges for Civil Engineers” organised by S.P. University of Pune, Pune at A.V. College of Engineering, Aurangabad on 18/11/2016
7	“Water quality and Environmental consideration” at Water and Land Management Institute, Aurangabad on 21/08/2014
8	“Environment Management for Sustainable Development” at Government Polytechnic, Aurangabad on 10/01/2012.

9	“Water Management of Aurangabad city” at Tapdiya Natya Manadir organised y Aurangabad development forum on 27 th and 28 th February 2010.
10	“Sewage and Wastewater treatment for irrigation purpose” at Water and Land Management Institute, Aurangabad on 13/05/2009
11	“Environmental Management and Audit” at Government Polytechnic, Aurangabad on 10/02/2009
12	“Water supply Management of Aurangabad city for 2030” CII Conference “Water Management 2008: Opportunities and Challenges” at Hotel Taj Residency, Aurangabad on 8/11/2008
13	“Sewage and Wastewater treatment for irrigation purpose” at Water and Land Management Institute, Aurangabad on 14/05/2008
14	“Development Potential of M. oleifera as Coagulant in Water Purification”, Workshop on Potential of Ecotechnology in Water supply and Sanitation organised by Indian Environment Association, India at Pune, 11 th August 2007

Research Papers published in UGC/SCOPUS Indexed peer reviewed journals

Sr. No.	Author	Title of the publication	Name of the international journal	Month and year of publication
1	Priyanand Agale and Parag Sadgir (2018)	Grey water treatment using the novel technique of aerobic brickbat grit sand (ABGS) purifier system	Ecology, Environment and Conservation	Vol . 24, Issue 3 2018; Page No. (1293-1299) (2018)
2	Priyanand Agale and Parag Sadgir,(2018)	Aerobic Brickbat Grit Sand (ABGS) Purifier Is The Alternative Solution: Tackling The Problem Of Rural Wastewater Treatment In India	Current World Environment Journal (ISSN 0973-4929),	Vol.13(3), pp.456-463 (2018)
3	Shinde S.D., Patil K.A. and Parag Sadgir (2018)	Assessment of groundwater quality and its suitability for agricultural uses by considering total dissolved solids and sulphate	Journal of Indian Water Works Association (JIWWA)	April-June 2018, Vol. L, No.2, 96-102 (2018)
4	R. Srinivasan and P.A. Sadgir (2018)	Removal of lead from polluted water using Ricus communis powder as Bioadsorbant	Research and Reviews: A Journal of Life Sciences	Volume 8, Issue 2, p.46-54 (2018)
5	Priyanand Agale and Parag Sadgir (2018)	Aerobic brickbat grit sand (ABGS) Purifier: a new approach for grey water treatment	Journal of Indian Water Works Association (JIWWA)	Vol. XXXXX, No.1, 67-73 (2018)

6	R. Srinivasan and P.A. Sadgir (2018)	A Review on the removal of heavy metals from polluted water using low-cost Bioadsorbant	Research and Reviews: A Journal of Life Sciences	Volume 5, Issue 1, p.1-8 (2018) ISSN 2394-7306 (online)
7	Pranat Jain and Dr.P.A.Sadgir (2017)	Wastewater Purification using Dual Media Filter	Journal of Environment Science & Engg.	Vol.59, No.4, p.401-406, October 2017
8	Shinde S.D., Patil K.A. and Parag Sadgir (2016)	Assessment of River and Groundwater Quality and its Suitability for Domestic Uses in Aurangabad, Maharashtra, India	Current World Environment	Vol.11, No. 2, 439-445. (2016)
9	Sarda P.R. and Sadgir P.A. (2015).	Surface Water Quality Changes for EC in Jayakwadi Reservoir, India	Journal of Indian Water Works Association (JIWWA)	Vol. XXXXVII, No.4, 510-516 (2015)
10	Sarda P.R. and Sadgir P.A. (2015).	Statistical Analysis for Predicting Missing Data and Developing Parameter Interrelationship for Jayakwadi Reservoir in Maharashtra State, India	KSCE Journal of Civil Engineering–Springer	Vol. 20, No.5, 1687–1691 SCI Impact factor 0.6, (2015)
11	Sadgir Parag, Nilosey Vijayshree, Bhandari Ranu and Patil B.R. (2010).	Antibacterial activity of Ocimum sanctum Linn. and its application in water purification	Research Journal of Chemistry and Environment	Vol.14, No.3, 46-50 (2010)
12	Sadgir, P. A., Patel, A. N. and Garg, S.L. (2005)	Activity of Amla or Phyllanthus Emblica Linn. as Coagulant and Coagulant aid for Water Purification	Research Journal of Chemistry and Environment	Vol. 9, No.1, 49-53 (2005)
13	Sadgir, P. A., Patel, A. N. and Garg, S.L. (2002)	Use of Khas for Antibacterial Activity in Water Purification	Ecology, Environment and Conservation	Vol. 8, No. 4, 301-306 (2002)
14	Sadgir, P. A., Patel, A. N. and Garg, S.L. (2002)	Use of Different herbs as Coagulant and Coagulant aid for Water purification	Research Journal of Chemistry and Environment	Vol. 6, No. 2, 53-58 (2002)

Membership in Professional Bodies

Sr. No.	Professional Bodies	Title	Year	Details
1	Institution of Engineer's (India)	Chartered Engineer (India)	13.05.2021	022696
2	International Water Association	M.I.W.A.	21.5.2021 to 21.05.2023	1057415
	Institution of Engineer's (India)	F.I.E	09.12.2015	120502-8

3	Institution of Engineer's (India)	M.I.E	14.04.2004	M127002-2
4	Indian Water Resources Society	F.I.W.R.S.	21.07.2015	F-2015-1371
5	Indian Association of Hydrologists, Roorkee	F.I.A.H.	17.08.2015	FM-328
6	Indian Science Congress Association	M.I.S.C.A.	--	L28419
7	Indian Water Works Association	F.I.W.W.A.	18.02.2017	LF1243
8	Indian Water Works Association	M.I.W.W.A.	27.07.21996	
9	Indian Society for Technical Education	M.I.S.T.E.	2001	LM-30618
10	American Water Works Association India section	M.A.W.W.A.	27.01.2016 to 31.01.2017	02526105

Post Graduate Dissertation guidance: (24)

Sr. No.	Name of the student	Name of the Project	Year
1	Miss Survase Shilpa Rajgopal	Optimisation of Water Supply System	2006-07
2	Mr. ShaikhMohd. Yusuf Nizam	Suitability of Kham River Water for Irrigation	2006-07
3	Miss. Dawre Sapana Bhujangrao	Evapotranspiration Estimation By Modified PENMAN and Hargreaves Method	2006-07
4	Mr. Gore Sanjay Bhanudas	Water Quality Index and sustainability of water for drinking purposes of Jaykawadi Dam	2010-11
5	Gunaware Dnyandeo Pravin	Utilisation Of Treated Wastewater Of Shrigonda City For Irrigation Purpose	2010-11
6	Mankar Bapusaheb Uttam	Participatory Irrigation Management: A Case study	2011-12
7	Mahajan Pankaj S.	Artificial Groundwater Recharge	2011-12
8	Waghule Ashwini B.	Optimisation Of Water Quality Modeling Of River	2012-13
9	Alte Pallavi D.	Water quality prediction by using an artificial neural network	2014-15
10	Dabhade Rahul	Design of multi village water supply system with reference to technical sustainability by using BRANCH and EPANET	2014-15
11	Tarke Prajot	Application Of Artificial Neural Network To Predict Total Dissolved Solids In Godavari River	2015-16

12	Kazi Frhan S.	Prediction Of Sodium Adsorption Ratio For Groundwater Along Kham River In Aurangabad District, Maharashtra Using Artificial Neural Network	2015-16
13	Pawar Ahustosh S.	Reuse Of Grey Water After Treatment For Irrigation Purpose	2016-17
14	Gatkal Sujeet	Application Of Artificial Neural Network To Predict The Rainfall In Aurangabad City, Maharashtra, India	2016-17
15	Jinturkar Aniket A.	Removal Of Iron From Water By Using Neem Leaf Powder As An Adsorbent	2016-17
16	Phadke Sushmita	Statistical Analysis for Predicting Missing data and developing parameter interrelationship for Bhima River basin in Maharashtra state, India	2018-19
17	Patil Sushant	Optimisation of Aeration Requirement in sewage Treatment using Oxygenic PhotoGranules (OPG's)	2018-19
18	Jain Pranat	Waste Water Purification using Cost Effective Multi-Media Filter	2019-20
19	Virwani Kirti	Removal of Iron by Adsorption Using Water Hyacinth and Rice Husk as an Adsorbent	2019-20
20	Nikhar Chaitali	Removal of fluoride from water using low-cost bio-adsorbents	2019-20
21	Khangal Medha	Treatment of Sewage and Greywater using Aerobic Brickbat Gravel Sand (Abgs) Filtration Method	2019-20
22	Waikar Mohnish	Water Audit: A Case study College of Engineering Pune	2019-20
23	Kulkarni Eshaan	Predicting Quantity of Municipal Solid Waste using Machine Learning Approach- ANN	2020-21
24	Dhumal Ridhi	Assessment of Water Quality of River Godavari at Pategaon Station Maharashtra using WQI & ANN Simulation	2020-21

Articles published in Newspaper/ magazines/books (13)

1	Parag Sadgir (2008), "Shudh havechi damchak", Diwali Vishashank Athavadyacha Gavagada Magazine, October 2008, Year 2 Number 19, 9-11.
2	Parag Sadgir (2008), "Khangaleli Jamin", Diwali Vishashank Athavadyacha Gavagada Magazine, October 2008, Year 2 Number 19, 11-14.
3	Parag Sadgir (2008), "Kachara Kasa Karnar Nichara", Diwali Vishashank Athavadyacha Gavagada Magazine, October 2008, Year 2 Number 19, 21-22.
4	Parag Sadgir (2009), "Traditional water purification", Book- Water Wisdom of Maharashtra, March 2009,1-18.
5	Parag Sadgir (2009), "Water wisdom; Ancient and Medieval Water Conservation Structures in Maharashtra", Book- Water Wisdom of Maharashtra, March 2009,48-57.

6	Parag Sadgir (2010), "Reuse of City Effluents for Agriculture", Eco-Revolution 2009 Magazine, March 2010,16-21.
7	Parag Sadgir (2009), "Nagariprakriya Kelelya Sandpanyacha Punarvapar-Vardan Shetkarata", Jalsamvand Magazine, March 2009, Year 5 Number 3, 23-26.
8	Parag Sadgir (2009), "Nagariprakriya Kelelya Sandpanyacha Punarvapar-Kalachi Garaj", Jalsamvand Magazine, August 2009, Year 5 Number 8, 91-93.
9	Parag Sadgir (2010), "Water Wisdom ; Ancient Water Conservation Structures of Maharashtra", Eco-Revolution 2010 Magazine, March 2010, 30-36.
10	Parag Sadgir (2010), "Prakriya Kelelya Nagari Sandpanyacha Shetkarata Punarvapar", The Maharashtra State Cooperative Marketing Federation Limited Suvarna Mahostavi Smaranika Magazine, February 2010, 6 9-73.
11	Parag Sadgir (2007), "Rainwater Harvesting", daily newspaper "Sakal" dated 2007
12	Parag Sadgir (2007), "Water Supply Status of Aurangabad City", daily newspaper "Sakal" dated 2007
13	Parag Sadgir, G.K.Patil and V.G.Takalkar (2007), "Sustainable watershed development by refilled continuous contour trenching technology", WATER DIGEST water@ Unesco, September (2007)

Short term training Programme participated (20)

1	AICTE Training And Learning (ATAL) Academy " Engineering Optimization Techniques and its Applications (ENOTAA-2021)" Government College of Engineering Aurangabad, 14.06.2021 to 18.06. 2021
2	TEQIP-NPIU "Recent advances in environment biotechnology" IIT Kharagpur, 05.10.2020 to 10.10.2020
3	Faculty development programme on "Integrated Wastewater and Septage Management", College of Engineering, Pune (Autonomous Institute of Government of Maharashtra), 16.03.2019 to 20.03.2019
4	TEQIP- MHRD's "National Mission for teachers and Administrators Management capacity Enhancement Programme" at Indian Institute of Management, Indore from 02 nd February to 08 th February 2017 - 01week
5	TEQIP- "Water and wastewater treatment: Recent Advances" at IIT, Roorkee 21 ST July to 25 th July 2015- 01week
6	AICTE "Quality BY design: Innovative Development Approach in Pharmaceuticals" Government College of Pharmacy, Aurangabad 9 th to 21 st December 2013- 02 weeks
7	TEQIP "Genetic Algorithm and Neuro Fuzzy applications in Engineering", Government College of Engineering, Aurangabad, 17 th to 21 st December 2012 -01 Week
8	TEQIP "Engineering Optimization and its applications (EOAIA-2012)", Government College of Engineering, Aurangabad 25 th to 29 th June 2012- 02 weeks
9	ISTE "Effective Teaching, Personal Effectiveness and Skill Matrix Enhancement for Quality Technical Education Methodologies", Government College of Engineering, Aurangabad 28 th November to 9 th December 2011-02 weeks
10	AICTE "Effective Teaching, Personal Effectiveness and Skill Matrix Enhancement for Quality Technical Education Methodologies", Government College of Pharmacy, Aurangabad 2 nd to 13 th November 2011-02 weeks
11	ISTE "Soft Computing Tools and its Applications in Engineering (SOCTAPE-2011) ", Government College of Engineering, Aurangabad 20 th June to 1 st July 2011-02 weeks
12	TEQIP "Pedagogy", Government College of Engineering, Aurangabad 16 th to 21 st May 2011-02 weeks

13	ISTE “Genetic Algorithm and Neural Fuzzy Applications in Engineering, GANEUFA2010” , Government College of Engineering, Aurangabad 29 th Nov to 10 th Dec 2010-02 weeks (ISTE/Proceedings/STTP-SF/2010-11 Dated 30 TH Set.2010)
14	ISTE “Engineering Optimization, EO-2010”, Government College of Engineering, Aurangabad 28 th June to 9 th July 2010-02 weeks (ISTE/Proceedings/STTP-SF/2010-11 Dated 21 ST April 2010)
15	AICTE – “Effective Teaching, Personal Effectiveness and Skill Matrix Enhancement for Quality Technical Education Methodologies”, A.V. College of Engineering, Sangamner 26 th Oct to 6 th Nov 2009 - 02 weeks
16	TEQIP- “Efficient usage of laboratory and laboratory equipment for students” by Asian Institute of Quality Management, Government College of Engineering, Aurangabad, 21/01/2008 to 27/01/2008 -01 Week
17	AICTE “Recent Advances in Pollution Control Technology" Bharati Vidyapeeth University College of Engineering, Pune 12/03/2007 to 17/03/2007 -01 Week
18	TEQIP-“Modeling and Simulation of Engineering Systems in Multi Energy Domains: A Bond Graph Approach” Government College of Engineering, Aurangabad, 09/01/2006 to 15/01/2006 -01 Week
19	AICTE "Environmental pollution control" Government College of Engineering, Aurangabad 14/07/2003 to 25/07/2003 -02 Weeks
20	I.S.T.E- “Incubating Entrepreneur's Spirit”, B.S.D. College of Engineering, Dhule 1/04/2002 to 12/04/2002 -02 Weeks

Continuous Education programme for enhancement of skills (10)

Sr.	Particulars	Organization	Period
1	ISO 14001:2015 Lead Auditor Environment Management System	Indian Register Quality Systems (IRQS) (A Division of IRCLASS Systems and Solutions Private Limited), Mumbai	20, 27 June, 4,11 and 18 July 2021
2	Certificate Course in Introductory Ornithology	Institute of Natural History Education and Research, Pune	27.01.2021 to 04.02.2021
3	Certificate Course in Ornithology	Environmental Research Foundation and Education Academy, Aurangabad	6.09.2020 to 11.10.2020
4	Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC 17025:2017 (Ref: NITS/TRG/03/2020-21/20/24)	National Institute of Training for Standardization, Bureau of Indian Standards, Delhi	25.08.2020 to 28.08.2020
5	Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC 17025:2017 (Ref: NITS/TRG/03/2020-21/20/24)	TCB Cell, Quality Council of India, Delhi	04.07 to 05.07.2020
6	Webinar “Advanced Water and Wastewater Treatment”	NEERI, Nagpur	29.06.2020 to 13.07.2020
7	“Clean water :Emerging Frontiers”	ICCW, IIT Madras	29.06.2020 to 08.07.2020

8	A Brainstorming Workshop On E-Waste Management in India	CSIR-National Environmental Engineering Research Institute (NEERI), Nagpur India	06.03.2020
9	Presentation Skills: Designing Presentation Slides (68Z6ESQXJ2QD0)	National Research Tomsk State University	05.03.2020
10	Certificate Course on Digital Teaching Techniques (DTT-7267)	ICT Academy, Chennai	29.06.2020 to 04.07.2020

Seminars/Workshops organised (20)

1	Workshop on “Right of Water” at Institution of Engineers (INDIA) dated 20/03/2018
2	Evaluation of rural water supply scheme, CTARA, IIT, Mumbai and Government College of Engineering, Aurangabad dated 23/11/2016
3	Evaluation and design of rural water supply scheme, CTARA, IIT, Mumbai and Government College of Engineering, Aurangabad dated 22/11/2016
4	One day workshop for students on “Virtual campus 2013” at Government College of Engineering, Aurangabad on 21 st September 2013
5	One day seminar for students on “golden moments in astronomy on occasion of National science day” at Government College of Engineering, Aurangabad on 26 th February 2013
6	State level technical event for students “SAMARTHYA 2013” at Government College of Engineering, Aurangabad on 10 th and 11 th February 2013
7	One day workshop on “self management and team management for success breaking the barriers” at Government College of Engineering, Aurangabad on 15 th September 2012
8	Workshop on “ Intellectual Property and Patent Life cycle Management” at Government college of Engineering, Aurangabad on February 18, 2012
9	Regional Conference on Traditional Water Wisdom dated 31 st March 2009
10	One Day seminar on Sanitation-“World Water Day-2008” dated 25 th March 2008
11	One day work shop on Roof top rainwater harvesting for License holding plumbers dated 27 th April 2007
12	One day work shop on World Water Day with IWWA dated 22 nd March 2007
13	One day seminar on “Ancient water management systems of Ahmednagar” with Indian council for water and culture, Aurangabad on 12 th August 2006
14	One day work shop on World Water Day with IWWA dated 22 nd March 2006
15	One day work shop on Solid Waste Management dated 31 st January 2006
16	Workshop on Rainwater Harvesting and Watershed Development at Government College of Engineering, Aurangabad under TEQIP on August 21 st , 2005
17	Workshop on “Green Urban Environment” on World Environment day sponsored by IWWA dated 5 th June 2005
18	One day work shop on World Water Day with IWWA dated 22 nd March 2005
19	Seminar on “Rain water Harvesting” with IWWA and IEI, Aurangabad dated 11 th March 2005

20	Seminar on “Teacher’s role in environment awareness” at A.V.College of Engineering, Sangamner on March 22, 1998
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Consultancy Services (42)

Clients

Sr.	Name of the Organization
1.	Saswad Municipal Council, Saswad
2.	Khed Economic Infrastructure Pvt. Ltd.,Pune
3.	Pimpri Chinchwad Municipal corporation, Pimpri
4.	Executive Engineer, Rural Water Supply Department, Zilla Parishad, Pune
5.	Executive Engineer, M.I.D.C., Dhule
6.	Senior Manager, Infrastructure, Unity I.E.World, Kothrud Pune
7.	Executive Engineer, E.H.V. Construction Division, M.S.E.T.C.L., Aurangabad
8.	The Nagpal Projects & Constructions Pvt. Ltd Aurangabad
9.	The Medows Hill View Homes Aurangabad
10.	Vaijapur Municipal Council, Vaijapur
11.	Water supply and sanitation department, Govt. of Maharashtra
12.	Aurangabad Municipal Corporation Aurangabad
13.	Jalana Municipal Council
14.	Shirur Grampanchayat
15.	Dr. Babasaheb Ambedkar Marathwada University Aurangabad
16.	Water supply and sanitation department, Govt. of Maharashtra.
17.	Maharashtra Prathamik Shikshan Parishad Mumbai

Research Papers published in journals (23)

Sr. No.	Author	Title of the publication	Name of the international journal	Month and year of publication
1	Ridhi. C. Dhumal and Parag. A. Sadgir (2020)	Comparative Analysis of Water Purifiers	International Journal of Interdisciplinary Innovative Research &Development (IJIIRD)	Vol. 05 Special Issue 01 2020 p.241-244
2	Kirti Virwani and Dr. Parag Sadgir (2020)	Biosorption of Fe (II) Ions from Aqueous Solution using Water Hyacinth and Rice Husk as an Adsorbent	International Journal of Interdisciplinary Innovative Research &Development (IJIIRD)	Vol. 05 Special Issue 01 2020 p.248-251
3	Medha Khangal , Dr.P.K.Agale and Dr. Parag Sadgir (2020)	Treatment of sewage and greywater using Aerobic Brickbat Gravel Sand (ABGS) Filtration method.	International Journal of Interdisciplinary Innovative Research	Vol. 05 Special Issue 01 2020, p.252-255

			&Development (IJIIRD)	
4	Pranat Jain and Dr. Parag Sadgir (2020)	Cost-Effective Approach for Purification of Waste Water	International Journal of Interdisciplinary Innovative Research &Development (IJIIRD)	Vol. 05 Special Issue 01 2020, p.256-260
5	S.J. Gatkal and P.A. Sadgir (2017)	NDVI: Irrigation Performance Evaluation Using RS and GIS.	Journal of Water Resource Engineering and Management	4(2), pp. 17-21 (2017)
6	Aniket Jinturkar and Parag Sadgir (2017)	Removal of Iron from Aqueous solution using Neem leaf powder as an adsorbent	International Journal of Innovative Research in Science, Engineering and Technology,	Vol.6, Issue 5 pp. 8948-8952 (2017)
7	Prajot D. Tarke, Sarda P. R. and Dr. Sadgir P.A. (2016)	Performance of ANNs for Prediction of TDS of Godavari River, INDIA	International Journal of Engineering Research (IJER)	Vol. 5, No. 2, 115-118 (2016)
8	Kazi F.S., Shinde S.D. and Sadgir P.A. (2016)	Prediction of SAR for Groundwater along the Kham river in Aurangabad District, Maharashtra, using ANN	International Journal of Engineering Research	Vol.5, No.2, 149-152 (2016)
9	Shinde S.D., Patil K.A. and Sadgir P.A. (2016)	GIS-based Groundwater quality Mapping in the Southern part of Aurangabad City, Maharashtra, India	International Journal of Advances in Engineering & Technology	Vol. 9, No. (1), 129-134 (2016)
10	Shinde S.D., Patil K.A. and Sadgir P.A. (2015)	Impact of polluted river water on ground water of Agricultural area and Its suitability for Irrigation	Journal of Civil & Environmental Engineering	Vol. 6, No.1, 1-12, (2015)
11	K. J. Kucche , S. S. Jamkar ,P. A. Sadgir (2015)	Quality of Water for Making Concrete: A Review of Literature	International Journal of Scientific and Research Publications	Volume 5, Issue 1, 1-10 (2015)
12	Sarda P. R. and Dr. Sadgir P.A. (2015)	Water Quality Modeling and Management of Surface Water using Soft Tool	International journal of science, Engineering, Technology (IJSETR),	Vol. 4, No.9, 2988-2992, (2015) ISSN: 2278-7798
13	Sarda P.R. and Sadgir P.A. (2015)	Reservoir Water Quality Modeling for COD using Artificial Neural Network”,	International Journal of Engineering and Management Research (IJEMR)	Vol.5, No.4, 347-353, (2015) E-ISSN: 2250-0758
14	Sarda P.R. and Sadgir P.A. (2015)	Computation of Water Quality Parameters and Prediction tool ANN for	International Journal of Innovative Research in Science,	Vol. 4, No.9, (2015) E- ISSN: 2319-8753

		Modeling of Water Quality of Reservoir”,	Engineering and Technology (IJRASET)	
15	Sarda P.R. and Sadgir P.A. (2015)	“Assessment of Multi-Parameters of Water Quality in Surface Water Bodies - A Review”,	International Journal for Research in Applied Science and Engineering Technology (IJRASET),	Vol.3, No.8, 331-336, (2015) ISSN-2321-9653
16	Rajesh T. Peche, Dr. Sanjay S. Jamkar, Dr. Parag A. Sadgir (2015)	“Feasibility Study of Grey Water for Mixing Cement and Mortar”,	International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development,	Vol. 5, No. 5, , 89-98, (2015) ISSN(P): 2249-6866; ISSN(E): 2249-7978
17	Pallavi D. Alte and Dr.Parag A.Sadgir	Water Quality Prediction By Using ANN	International Journal of Advance Foundation And Research In Science & Engineering (IJAFRSE)	Volume 1, Special Issue, TACE (2015), 278-285
18	R.T. Peche, Dr. S.S. Jamkar, Dr. P. A. Sadgir	Grey Water- A Potential Source of Water for Construction	IOSR Journal of Mechanical and Civil Engineering,	Vol. 3, 12-17 (2014) e-ISSN: 2278-1684, p-ISSN: 2320-334X
19	Sadgir P.P., Ratnparkhe V.R. and Sadgir P.A. (2014)	Determination of Residual Chlorine in Potable Water with applications of Digital Image Processing Technique	Journal of Environmental Research and Development	Vol.8, No.3A, 755-758 (2014)
20	Patil, G.K. and Sadgir P.A.(2014)	Water Purification using Biocoagulant	International Journal of Technology, Science And humanity	Volume 1, 57-60, (2014) ISSN: 2362-1508
21	Patil, G.K. and Sadgir P.A. (2014).	Study on Utilisation of Moringa Oleifera as Coagulant	International Journal of Research in Engineering and Technology, Special Publication	274-276, (2014) E-ISSN:2319-1163
22	Patil, G. K. and Sadgir P.A. (2012)	“Removal of hardness using Moringa Oliefera seed suspension”,	Global Journal of Engineering & Applied Sciences,	Vol. 2, No. 3, 234-236, (2014) ISSN PRINT: 2249 – 2623
23	Patil, G.K., Jamkar S.S. and Sadgir P.A. (2011)	Effects of chemicals as impurities in mixing water on properties of concrete	International journal in Chemistry and Environment	Vol.1, No.1, 35-41 (2011)