



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Department of Civil Engineering

Faculty Profile

Dr.Dnyaneshwar V Wadkar

BE (CivilEngg), ME Civil (Environmental Engg), PhD (Civil Engg)

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Google scholar profile - https://scholar.google.com/citations?hl=en&user=_OWU7BgAAAAJ



Research Areas / Areas of Interest

Environmental Engineering

Personal Details: Maharashtra

Gender : Male

Blood Group: B+ve

Contact Details: Department of Civil Engineering AISSMS College of Engineering,
Kennedy Road, Pune-411 001

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
Ph. D	SPPU, Pune	DYPIET, Pune	Feb 2020	-	Ph. D
M.E. (Env)	Shivaji University, Kolhapur	WCE , Sangli	2003	I	M.E. (Env)
B.E. (Civil)	Shivaji University, Kolhapur	RIT , Islampur	2000	I-Dist	B.E. (Civil)

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	24	-
Total		24	-

Subjects / Courses Taught

S. No.	Subject	UG/ PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Engineering Mechanics	UG	FE	07
2	Basic Civil & Environmental Engineering	UG	FE	08
3	Strengths of materials	UG	SE	02
4	Air pollution and control	UG	BE	01
5	Building Technology and materials	UG	SE	02
6	Statistical Methods	UG	BE	01
7	Environmental Engineering -I	UG	TE	12
8	Environmental Engineering -II	UG	BE	12
9	Water supply engineering	UG	TE	04
10	Waste water engineering	UG	TE	04
11	Circular economy and sustainable development	UG	SE	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	10	29	-	21	18
Conferences	04	06	-	02	--

Publication Details (Journals) - 33

Sr. No	Title of Paper	Name of Journal and Publisher	Volume / Issue no./Page no.	Publication Month and
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				Year /Date
1	Effectiveness of Different Artificial Neural Network Models in Establishing the Suitable Dosages of Coagulant and Chlorine in Water Treatment Works	Nature Environment and Pollution Technology SJR 2024 0.234 Q3 H-Index 20	Vol. 23, issue no 04,pp. 2273-2281 e-ISSN: 2395-3454 DOI Number: 10.46488/NEPT.2024.v23i04.031	Dec 2024 Scopus
2	Prediction of Optimum Coagulant Dosage in Water Treatment Plant by using Feed Forward Neural Network	VIGYAN PRAKASH : Research Journal of Science & Technology.	ISSN: 1549-523-X, Year: 23, Issue 1	UGC-CARE Listed Jan.-Mar. 2025
3	Improving seismic performance of base isolated structures with a hybrid U shaped steel damper as an isolator	Asian Journal of Civil Engineering SJR 2024 0.426 Q2 H-Index 36	https://doi.org/10.1007/s42107-025-01372-1 1563-0854	26 May 2025 (Springer) (Web of Science) , Scopus
4	Establishment of relationship between Coagulant and Chlorine Dose using Artificial Neural Network	Iranian Journal of science and Technology, Transactions of Civil Engineering SJR 2024 0.427 Q2 H-Index 31	Iranian Journal of science and Technology, Transactions of Civil Engineering Web of Science SCI Expanded	19 July 2024 (Springer) (Web of Science) , Scopus
5	Performance evaluation of modified gabion retaining wall	International Journal of Masonry Research and Innovation SJR 2024 0.266 Q3 H-Index 17	DOI: 10.1504/IJMRI.2024.10065306 Web of Science	July 2024(Web of Science) ESCI, Scopus
6	The investigation of energy dissipation in ogee profile spillway model	Arabian Journal of Geosciences	Vol. 17, Article No. 70 Web of Science	Jan. 2024 (Springer)
7	Comparative Analysis of Gabion Retaining Wall	Vigyan Prakash: Research Journal of Science and Technology	Vol. 21, No. 2, PP: 18-27 UGC Care I	April -June 2023 (UGC Care I)
8	<i>Performance evaluation of self-curing concrete by using curing compounds (calcium lignosulfonate and polyethylene glycol).</i>	<i>International Research Journal of Engineering and Technology (IRJET</i>	<i>10 Issue: 03 </i> <i>UGC Care I</i>	Mar 2024 (UGC Care I)
9	<i>Artificial Neural Network for Prediction of Compressive Strength of Concrete using MATLAB</i>	<i>ALOCHANA JOURNAL</i>	<i>VOLUME 13 ISSUE 5 2024</i> <i>UGC Care I</i>	2024 (UGC Care I)
10	<i>Artificial Neural Network</i>	<i>Industrial engineering</i>	<i>Vol 53 issue 05</i>	2024

	for Prediction of Compressive Strength of Concrete using MATLAB	journal	UGC Care I	(UGC Care I)
11	Development Of Natural Ventilation System for Crop storing structure	Journal of Emerging Technologies and Innovative Research	Volume 10, Issue 6 UGC Care I	2023 (UGC Care I)
12	Prediction of wastewater parameters using ANN model	Journal of Emerging Technologies and Innovative Research	Volume 10, Issue 5 UGC Care I	2023 (UGC Care I)
14	Prediction of Abrasion wear behaviour of the poly-terafluoroethylene material using Adaptive Neuro fuzzy interface system	Journal of Tribology SJR 2024 0.679 Q2 H-Index 102	Journal Tribology 38 (2023) 141-159 Scopus	2023 Web of Science) ESCI, Scopus
15	Application of Artificial Intelligence and IoT to Membrane Bioreactor (MBR) and Sewage Treatment Plant.	Techno-societal 2022 (Springer)	Techno-societal 2022 PP: 21–28 Web of science	Sept. 2023
16	Effect of lateritic iron and hydrogen peroxide for degradation and mineralization of pyridine compound 2aminopyridines	Desalination and Water Treatment 0.247 Q3 H-Index 89	Volume 292 , April 2023, Pages 206-215 Scopus Elsevier	2023 (Web of Science) ESCI, Scopus
17	Effect of hydrogen peroxide and ferrous ion on the degradation of 2Aminopyridine	Journal of Applied Water Engineering and Research SJR 2024 0.371 Q3 H-Index 18	Volume 11, 2023 - Issue 1 Taylor and Francis Ltd. Scopus	2022 (Web of Science) ESCI, Scopus
18	Applications of Cascade Feed Forward Neural Network for Modelling of Coagulant Dose in a Drinking Water Treatment Plant: Comparative Study	Springer book-Groundwater and Water Quality	Water Science and Technology Library ((WSTL,volume 119)) pp 191–198 Web of science	04 October 2022
19	Study on Organic and self-healing bricks	International Journal of Innovative research in technology	2349-6002 UGC Care I	2022 (UGC Care I)
20	Application of soft computing in water treatment plant and water distribution	Journal of Applied Water Engineering and Research SJR 2024 0.371 Q3 H-Index 18	Volume 10, 2022 - Issue 4 Taylor and Francis Ltd. Scopus	2021 (Web of Science) ESCI, Scopus
21	Evaluation of water treatment plant using Artificial Neural Network (ANN) case study of Pimpri-Chinchwad Municipal Corporation (PCMC).	Sustainable Water Resource Management (Scopus) SJR 2024 0.498 Q2 H-Index 42	Volume 7, issue 4, Article No. 52 Scopus	Aug. 2021 (Web of Science) ESCI, Scopus

22	Application of cascade feed forward neural network to predict coagulant dose	Journal of Applied Water Engineering and Research SJR 2024 0.371 Q3 H-Index 18	Volume 10, 2022 - Issue 2 Taylor and Francis Ltd. Scopus	2021 (Web of Science) ESCI, Scopus
23	Modeling of Chlorine and Coagulant Dose in a Water Treatment Plant by Artificial Neural Networks	Engineering, Technology & Applied Science Research (ETASR)	Volume: 9 Issue: 3 Pages: 4176-4181 June 2019 Scopus SJR2024 0.332 Q2 H-Index27	June 2019 (9)(3)
24	Application of Feed Forward Neural Network for Prediction of Optimum Coagulant Dose in Water Treatment Plant	International Journal of Innovative Technology and Exploring Engineering	Volume-8 Issue-12, October 2019 Scopus	October 2019 (8)(12)
25	Prediction of residual chlorine in a water treatment plant using generalized regression neural network	International Journal of Civil Engineering and Technology	Volume 8, Issue 8, August 2017, pp. 1264–1270, Article ID: IJCIET_08_08_136 Scopus	2017 (8)(8)
26	Eco-friendly model for aerobic meso thermophilic composting of municipal solid waste	Journal of Environmental Science & Engineering	Volume 57, Issue 4 Scopus	57(4), 2015 NERRI
27	Analysis of Water Distribution Network with Logical of Flow Allocation	ISH Journal of Hydraulic Engineering	Volume 13, - Issue 3 Taylor and Francis Ltd. Scopus	2007 (Web of Science) ESCI, Scopus
28	Aerobic thermophilic composting of municipal solid waste	International Journal of Engineering Science and Technology	Vol. 5 No.03 March 2013 2278-0181 UGC Journals (Old List),	2013(5)(3)
29	Aerobic-Thermophilic composting of municipal solid wastes using solar energy	Journal of Environmental Research and Development	2013, Vol. 7, No. 4A, 1489-1495 ref. 10 UGC Journals (Old List),	7(4A), 2013
30	Impact of Textile industry on ground water quality with Special reference to Ichalkaranji City (MS).”	International Journal of Environmental Research and Development,	Vol. 2 No. 4, PP: 717 – 725 ISSN 2249-3131 UGC Journals (Old List),	April-June 2008
31	Removal and Recovery of Hexavalent Chromium from Industrial Wastewater by Precipitation with Due	International Journal of Environmental Research and	Vol. 2 No. 2, pp. 209 – 216 ISSN 2249-3131 UGC Journals (Old List),	Oct-Dec 2007

	Consideration to Cost Optimization	Development		
32	Rehabilitation Of Pothole By Utilization Of Plastic Waste	Journal of Technology	VOLUME 13 ISSUE 6, 2025	
33	Generation Of Electricity Using Solid Waste Management In Pune Municipal Corporation	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 09 Issue: 06 June - 2025 SJIF Rating: 8.586	
34	Performance evaluation of modified gabion retaining wall	International Journal of Masonry Research and Innovation Vol. 11, No. 1	Vol. 11, No. 1 Pp 85-103 https://doi.org/10.1504/IJMRI.2026.150370	12 December 2025 Scopus (Elsevier) Web of Science: Emerging Sources Citation Index (Clarivate Analytics)
35	Hybrid U-shaped steel dampers for advancing seismic isolation in building structures	Asian Journal of Civil Engineering SJR 2024 0.426 Q2 H-Index 36	https://doi.org/10.1007/s42107-025-01433-5 Volume 26, pages 4433–4440 (2025)	06 August 2025 (Springer) (Web of Science) , Scopus
36	Prediction of Optimum Coagulant Dosage in Water Treatment Plant by using Feed Forward Neural Network	VIGYAN PRAKASH : Research Journal of Science & Technology.	ISSN: 1549-523-X, Year: 23, Issue 1	UGC-CARE Listed Jan.-Mar. 2025
37	Improving seismic performance of base isolated structures with a hybrid U shaped steel damper as an isolator	Asian Journal of Civil Engineering SJR 2024 0.426 Q2 H-Index 36	https://doi.org/10.1007/s42107-025-01372-1 1563-0854	26 May 2025 (Springer) (Web of Science) , Scopus
38	Rehabilitation Of Pothole By Utilization Of Plastic Waste	Journal of Technology	VOLUME 13 ISSUE 6, 2025	UGC
39	Generation Of Electricity Using Solid Waste Management In Pune Municipal	International Journal of Scientific Research in Engineering and	Volume: 09 Issue: 06 June - 2025 SJIF Rating: 8.586	UGC

	Corporation	Management		
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Publication Details (Conferences)- 10

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
International Conference						
01	“Multiple water quality modeling by ANN using Levenberg-marquardt and bayesian regularization Training function for a water treatment plant” at	D V Wadkar	2016	International Conference Hydro 2016 International at puneon 8-10 th December 2016		
02	“Quantitative and qualitative assessment of municipal solid waste for Nagpur city”	D V Wadkar	2009	International conferenceon Advance sinmechanical and building sciences in the 3rd millennium at Vellore institute of technology(VIT) ,Velloreon 14-16 Dec 2009	-	Vellore institute of technology(VIT)
03	“An Integrated Approach for Impact of Textile Industrial wastewater on Groundwater quality and treatment alternatives”	D V Wadkar	2007	International Conference On Natural Hazards And Disaster Managemen t(IC-NHDM),at Hyderabad on 12-14 th December 2007	-	
04	Techno Economical evaluation for removal and recovery of Hexavalent chromium from industrial wastewater effluent ”	D V Wadkar	2007	International Conference On Natural Hazards And DisasterManagement (IC-NHDM), at Hyderabad on 12-14 th December 2007	-	
05	Paper presented on “Urban town planning &applications of sustainable energy”	D V Wadkar	2013	2nd international conferenceon Engineering,technology and social science in association with INAAR and INDO GLOBAL at Surat,India on 24August 2013	-	
06	Paper presented and published on “Applications of cascade	D V Wadkar	2018	International Conference Hydro 2018 International at Patana, Bihar, on 19-21th December 2018	-	

	feed forward neuralnetwork for modeling of coagulant dose in a drinking watertreatmentplant: comparative study”					
07	"Advanced Flood Mitigation Techniques",	D V Wadkar	2007	National conference on Recent trends in civil engineering at Rajarambapu Institute of Technology, Sangli on 9 th & 10th March 2007	-	
08	<i>Analysis Of Water Distribution Network With Logical Approach Of Flow Allocation",</i>	D V Wadkar	2007	National conference-HYDRO 2006 arranged by Bharti Vidyapeeth's College of Engg., Pune on 8th & 9th December 2007	-	
09	Removal and Recovery of Hexavalent Chromium from Industrial Wastewater by Precipitation with Due Consideration to Cost Optimization.”	D V Wadkar	2007	International Congress of Environmental Research-2007(ICER- 07) at Bhopal on 28th-30 th December 2007		
10	Impact of Textile industry on ground water quality with special reference to Ichalkaranji city(MS).”	D V Wadkar	2007	International Congress of Environmental Research-2007(ICER- 07) at Bhopal on 28th-30th December 2007		

Professional Memberships

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-		175

Patents/IPR Filed/ Granted

S	Professional Body	Level (	Type	Membership No.
No		National/ International)	(Fellow/Life/ Annual)	
01	Indian Society of Hydraulics membership	National	Life Member	1397
02	Life Member of IE	National	Life Member	M1592895
	Life Member of IWWA	National	Life Member	LM - 10252

Books Published

S.	Title	Name of the Publisher	ISBN/ISSN Number
Research Grants Received			
01	Basic civil and environmental Engineering for first year engineering	Technical publication	ISBN 978-93-5099-130-5
02	Building Technology & Materials for Second year Civil engineering	Technical publication	ISBN 978-93-5099-154-1
03	Concrete Technology for Second year Civil engineering	Technical publication	ISBN:978-93-5099-660-7

S. No	Program	Duration	Funding Agency	Grant Amount
01	Development of eco-friendly model for removal of CO ₂ by using adsorbents and absorbents	2 years	University of Pune	2 lakh
Knowledge enrichment courses				
	Dr Alka S kote, P R Modak			

Name of Course	Title of course	Duration	Organizing authority
Coursera Course	Air Pollution – a Global Threat to our Health	5 Week April 20- May 20	University of Copenhagen Joint Monitoring Programme by WHO
Coursera Course	Introduction to Household Water Treatment and Safe Storage	5 Week May 20- June 20	École Polytechnique Fédérale De Lausanne Joint Monitoring Programme by WHO
Coursera Course	Municipal Solid Waste Management in Developing Countries	5 Week May 20- June 20	École Polytechnique Fédérale De Lausanne Joint Monitoring Programme by WHO
NPTEL-AICTE Training course	wastewater treatment and recycling	12 weeks Jul-oct 2018	IIT Kharagpur and Ministry of HRD ,Govt of India
NPTEL-AICTE Training course	Integrated waste management for a smart city	12 weeks Jul-oct 2017	IIT Kharagpur and Ministry of HRD ,Govt of India

S.No	Title	Type	Duration	Level (State/National / International)	Sponsoring Agency
01	Two days State level Seminar on 'Advanced Wastewater Treatment Technologies'	Seminar	25th -26th March 2013	State	Organized by Chemical and Civil Engineering Department, AISSMS's COE, Pune.
02	National Conference 'Frontier Technology in	Conference	15th – 17th Jan.2014	National	Organized by Chemical and
Details of Workshop / STTP / FDP / Seminar / Conferences Organized					
					Engineering Department, AISSMS's COE, Pune.
03	One Day Workshop on Drafting of BE Civil Syllabi held on 10 th June 2015 at AISSMS's COE, Pune.	Workshop	10th June 2015	University	SPPU
04	"Post graduate Conference 2016", held on 09 th -10 th June 2016	Conference	09th -10th June 2016	University	SPPU
05	Indo - German conference on "Water Management" held on 29th May 2017 at Sheraton Hotel, Pune.	Conference	29th May 2017	International	AISSMS COE, Pune and ITI, Borobhadak in association with VESBE Germany
06	Coffee and Conversation with Alumni, 11 June 2020, Coordinator, Mr. Swapneel Deshpande *(Design Engineer & Head of Marketing at EMS LLC, Houston, USA.Co-Founder & Owner at ModernBlox	Webinar/ Alumni interaction	11 th June 2020	-	AISSMS COE

	LLC, USA)*				
07	Alumni interaction with students, 01 May 2020, Coordinator, Vikram Dhoot, Dhoot Industries	Webinar/ Alumni interaction	1 st May 2020		AISSMS COE
08	Alumni interaction with students, 02 June 2020, Coordinator, Mr. Vivek D. Kate, Kate industries	Webinar/ Alumni interaction	2 nd June 2020		AISSMS COE
09	Coffee and Conversation with Alumni, 27 May 2020, Coordinator, Mr. Shivam Phadtare- Project controls Manager - SoCalGas Company - Los Angeles, USA)	Webinar/ Alumni interaction	27 th May 2020		AISSMS COE
10	Alumni interaction with students, 09 June 2020, Coordinator, Mr. Jitendra Pethkar, MD - Pethkar Project	Webinar/ Alumni interaction	9 th June 2020		AISSMS COE
11	Alumni interaction with students, 4/28/2020, Organizer, Akhilesh Mishra- Yardi Software pvt ltd pune	Webinar/ Alumni interaction	28 th April 2020		AISSMS COE
12	Alumni interaction with students, 4/29/2020, organizer, Kunalmaharukar-DassaultSystemes Global Services, Pune	Webinar/ Alumni interaction	29 th April 2020		AISSMS COE
13	Alumni interaction with students, 27 April 2020, Organizer, Sarish Kanugo	Webinar/ Alumni interaction	27 th April 2020		AISSMS COE
14	Alumni interaction with students, 4 May 2020, organizer, Mr. Dhirendra Kumar	Webinar/ Alumni interaction	4 th May 2020		AISSMS COE
15	Alumni interaction with students, 5 May 2020, Organizer, Dr. Chankya Kumar,	Webinar/ Alumni interaction	5 th May 2020		AISSMS COE
16	Alumni interaction with students, 5 May 2020,	Webinar/ Alumni	5 th May		AISSMS COE

	organizer, Ashutosh Thatte	interaction	2020		
17	Alumni interaction with students, 12 May 2020, Organizer, Pushpak katkhede	Webinar/ Alumni interaction	12 th May 2020		AISSMS COE
18	Alumni interaction with students, 10 May 2020, organizer, ShantanuPathak	Webinar/ Alumni interaction	10 th May 2020		AISSMS COE
19	Alumni interaction with students, 11 May 2020, Organizer, Prasad Venikar	Webinar/ Alumni interaction	11 th May 2020		AISSMS COE
20	Alumni interaction with students, 12 May 2020, organizer, PradeepPatil	Webinar/ Alumni interaction	12 th May 2020		AISSMS COE
21	Alumni interaction with students, 14 May 2020, Organizer, Aishwariya Chandrasekhar	Webinar/ Alumni interaction	14 th May 2020		AISSMS COE
22	Alumni interaction with students, 14 May 2020, organizer, Dr. YashTamhanka	Webinar/ Alumni interaction	14 th May 2020		AISSMS COE
23	Alumni interaction with students, 15 May 2020, Organizer, ChetanShende	Webinar/ Alumni interaction	15 th May 2020		AISSMS COE
24	Alumni interaction with students, 16 May 2020, organizer, SaurabhPatil	Webinar/ Alumni interaction	16 th May 2020		AISSMS COE
25	Alumni interaction with students, 17 May 2020, Organizer, AshuSahu	Webinar/ Alumni interaction	17 th May 2020		AISSMS COE
26	Alumni interaction with students, 18 May 2020, organizer, Rajesh Joshi	Webinar/ Alumni interaction	18 th May 2020		AISSMS COE
27	Alumni interaction with students, 22 May 2020, Organizer, Shubham S Ghodke	Webinar/ Alumni interaction	22 nd May 2020		AISSMS COE
28	Alumni interaction with	Webinar/	23 rd May		AISSMS COE

	students, 23 May 2020, organizer, Akshay A Misal	Alumni interaction	2020		
29	Alumni interaction with students, 23 May 2020, Organizer, Sanjay s Bodhani	Webinar/ Alumni interaction	23 rd May 2020		AISSMS COE
30	Alumni interaction with students, 23 May 2020, organizer, Amol A Chandhari	Webinar/ Alumni interaction	23 rd May 2020		AISSMS COE
31	Alumni interaction with students, 25 May 2020, Organizer, Akash P Malas	Webinar/ Alumni interaction	25 th May 2020		AISSMS COE
32	Coordinator for Coffee & Conversation with Alumni – Rohitsharma and Kavish Takwani Organized by AISSMS COE on 29th May 2021	Webinar/ Alumni interaction	29 th May 2021		AISSMS COE
33	Coffee & Conversation with Alumni –Shridhar Mhaskar Organized by AISSMS COE on 17th October, 2020	Webinar/ Alumni interaction	17 th October, 2020		AISSMS COE
34	Alumni interaction with students, 15th August, 2020, Organizer, Mr.GirishNarang	Webinar/ Alumni interaction	15 th August, 2020		AISSMS COE
35	Coordinator for Ecosystem Restoration-Environmental day,5th June, 2021	Webinar/ Alumni interaction	5th June, 2021		AISSMS COE
36	Coordinator for Coffee & Conversation with Alumni – Sallelkulkarni and SumedhKuncha Organized by AISSMS COE on 04th July 2021	Webinar/ Alumni interaction	4 th July 2021		AISSMS COE

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
01	Resource Person	One Week Online FDP 'Research in Environmental Engineering and A Way Forward'	National	15th - 20th June, 2020
02	Resource person	Chairman for BTAP subject ,Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.)	Regional	22nd to 26th June, 2020
03	Resource person	Paramersh scheme, NAAC –IV	National	25 May 2021
04	Resource person	Student Development Program for DSE Students	Institute	1 st to 7 th February 2021
05	The Institution of Engineers (India), Ahmednagar Local Centre	Artificial Neural Networks in Water treatment plant and water distribution network	National	19 March 2022
06	FDP on Latest Trends of Research in Civil Engineering	Application of ANN in water supply system	National	9-14 March 2022

Details of Worshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
01	Frontier Technologies in waste Management	National	January 15-17, 2014	AISSMS College of Engg. Pune	-
02	Advanced waste water treatment technologies March 25-26, 2013,	National		AISSMS College of Engg. Pune	
03	Soft computing and its application in engineering	State	February 5-6, 2014	AISSMS College of Engg. Pune	

04	Research Methodology	State	State	Marathwada M M's Institute of Technology, Lahoga on, pune	
05	Data mining and optimization Techniques in computer engineerin	State	11, 12 December 2014	AISSMS College of Engineering, Pune	
06	Intellectual property rights - patents	State		AISSMS College of Engineering, Pune.	
07	Faculty Development Program	-		AISSMS College of Engineering, Pune	
08	Two day national Seminar on "Soft computing and its applications in engineering"	Seminar	February 5-6, 2014	Department of computer engineering, AISSMS College of engineering, Pune ,	
09	Attainted two day state level seminar national on "Advanced wastewater treatment technologies"	Seminar	March 25-26, 2013	AISSMS College of engineering, Pune ,	
10	Participated at Three day faculty development programme"	FDP	May 15-17, 2013	AISSMS College of Engineering, Pune	
11	Short term training program on" Mission 10X Learning Approach(MXLA)"	STTP	7th – 11th July 2008	Cummins's Women College of Engineering during	
12	One day workshop on "Implementation of Revised syllabus of the subjects Basic civil & Environmental engineering and Engineering Mechanics"	Workshop	9th April 2008.	University of Pune	
13	National Waste in Urban Areas" held at The Institution of Engineers India, Pune Local Centre		15th – 16th October 2004	IEI	
14	Symposium on "Durability of Concrete"	Symposium	1st March 2006	AISSMSCOE, Pune	
15	Workshop on "Environment Pollution and Awareness" held at DYPCOE, Akurdi, Pune on 6th September 2004				
16	Seminar on "Environmental Problems in Waste Water and Solid waste management "	Seminar	13 Aug 2004	COE, Pune	
17	Short term training programme on" Special methods of Teaching Engineering mechanics"	STTP	12th – 16th July 2004	AISSMS COE	

18	Workshop on Rain Water Harvesting	Workshop	18th April 2004	BAIF, Pune	
19	Two day workshop on “Engineering Mechanics-Effective teaching Methodology”		9th & 10th January 2004	AISSMSCOE, Pune	
20	Air Pollution – a Global Threat to our Health		5 Week	University of Copenhagen, Joint Monitoring Programme by WHO	
21	Introduction to Household Water Treatment and Safe Storage		5 Week	École Polytechnique Fédérale de Lausanne, Joint Monitoring Programme by WHO	
22	Municipal Solid Waste Management in Developing Countries,		5 Week	École Polytechnique Fédérale de Lausanne, Swiss Federal Institute for Environmental Science and Technology	
23	Moodle Learning Management System		04/05/20 to 09/05/20	Anantrao Pawar College of Engineering and research, Pune	
24	FDP -Online Course on Examination Reforms	FDP	29th April to 02nd May 2020	AICTE, —, AICTE New Delhi	
25	Q Cad	FDP	17 May 2020 to 21 May 2020	, Indira College of Engineering and Management	
26	Municipal Solid Waste Management		28/05/2020 to 30/05/2020	Anurag University Telangana	
27	ICT tools for Online Teaching		04/06/2020,	Sanjivani College of Engineering, Dept. of MBA, Kopergaon	
28	A Smart and Sustainable World in Concrete and Structures,	STP	04/06/20 to 08/06/20	AISSMS College of Engineering, Pune	
29	Promoting Quality Culture in Technical Institutions,		25 May 2020 to 29 May 2020	AISSMS College of Engineering, Pune	
30	Prefabricated Dry Construction Technology,		29th May 2020	AISSMS College of Engineering, Pune	
31	Re-Engineering The Supply Chain: Imperatives For Post		7th June 2020	AISSMS College of Engineering,	

	pandemic Scenario,			Pune	
32	Advanced Digital Content Creation Tools and Techniques for Education,		31th May 2020	AISSMS College of Engineering, Pune	
33	Role and important of pre-incubators and Accelerators in HEIs		29/04/2020	MHRD's Innovation Cell - Online Session	
34	Hangout With Emerging Innovative Entrepreneur		30/04/2020	MHRD's Innovation Cell - Online Session	
35	Ferrocement Applications		10/06/2020	AISSMS College of Engineering, Pune	
36	Advanced Digital Content Creation Tools and Techniques for Education,		31/05/2020	The Institution of Engineers (India) and ioCare,Pune	
37	Student - Alumni Interaction Linkage		20/06/2020	AISSMS College of Engineering, Pune	
38	Energy and Innovation		27/05/2020	AISSMS College of Engineering, Pune	
39	Frontier Technologies in waste Management		January 15-17	, 2014 National, AISSMS College of Engg. Pune	
40					

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
01	Subject Chairman- Building technology and architectural planning for SE civil 2019 course
02	Subject Chairman- F.E (Theory)-Basic civil &Environmental engineering (2008 course)
03	Subject Chairman-S.E (Theory)-Building materials And Construction
04	Examiner & Moderator-Engg. Mechanics, Basic Civil and environmental Engg.
05	Examiner (Theory/Practical)-Environmental Engg-I, Environmental Engg-II, Air pollution and control, Strength of Materials
06	Paper Setter (Theory)- Environmental Engg-I
07	Advisor member on Building committee for new construction under University of Pune
08	

	Speaker of online webinar under UGC Paramarsh scheme on NAAC criteria IV on 1 June 2021 at 4.00 pm to 6.00pm organized by Chh.Shahu College of engineering, Aurangabad
09	Subject Chairman- Building technology and architectural planning for SE civil 2019 course
10	Departmental R &D coordinator
11	Building committee member
12	Laboratory in charge of environmental engineering
13	Project co-ordinator for final year civil engineering students.
14	Seminar Co-ordinator for Third year civil engineering students.
15	GFM for final year civil engineering students.
16	Departmental Library-Faculty In charge.
17	Joint Faculty co-ordinator for Indian concrete institute's (ICI)student Chapter
18	Joint faculty co-ordinator for paper presentation and quiz competition in AISSMS Engineering Today.
19	Moderation section-Officer for second year common assessment program (CAP) of university of Pune.
20	GFM for F.E, S.E,& T.E class.
21	Subject co-ordinator for Engineering Mechanics
22	Departmental Time-Table In charge
23	Faculty advisor of Environmental Engineering Centre
24	Organizing committee member of National Symposium on "Durability of Concrete" held at AISSMSCOE, Pune on 1st March 2006.
25	Faculty advisor for exhibition on Bio-sorption
26	Setting up of Environmental Engineering Laboratory, Engineering Mechanics & Surveying Laboratory (related to FE)
27	Involved in Preparation of Academic Calendar.
28	Subject co-ordinator for Basic Civil Engineering.
29	Faculty advisor for sustainable development centre.
30	Departmental Library-Faculty In charge.
31	Faculty co-ordinator for Indian concrete institute's (ICI)student Chapter
32	Committee member for documentation of evaluation activities like Accreditation by
33	NBA, State Government, etc of college
34	Involved in activities like planning, construction, area measurement, survey of civil work etc
35	Social Contribution: Worked as Presiding Officer for PMC Election duty held on 21st Feb.2017.

Awards Received

S. No.	Awards
01	

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Dr. D V Wadkar

(Name with Signature)