


Prof. Devendra Dohare

1. Personal Information			
(i)	Name	DEVENDRA DOHARE	Photo 
(ii)	Qualification	M.E.-CIVIL (Spl. In Environmental Engineering)	
(iii)	Designation	Assistant Professor	
(iv)	Email-id	ddohare@sgsits.ac.in devendradohare@gmail.com	
(v)	Employee No.	0709261	
(vi)	Department	CIVIL ENGINEERING AND APPLIED MECHANICS	
(vii)	Experience	14 YEARS	

2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
01	B.E.	Civil Engineering	2001	JEC, JABALPUR/RGPV, BHOPAL
02	M.E.	Civil Engineering (Spl. In Environmental Engineering)	2004	JEC, JABALPUR/RGPV, BHOPAL
03	Ph.D.	Civil Engineering	Pursuing	SGSITS, INDORE/RGPV, BHOPAL

3. Research Interests
Water and Wastewater Treatment Technologies, Air Pollution Monitoring and Control Technologies, Solid Waste Management, Hydraulic Analysis of Water Distribution Network and Sewer Network and Industrial Waste Treatment and Pollution Abatement.

4. Research Paper Publications

(I) International/National Journal Publications

- (1) "Traffic Noise Pollution In Indore City: A Case Study", International Journal of Structural and Civil Engineering Research, Vol. 3, No. 2, May,2014(ISSN 2319-6009) (pp.-118-124).
- (2) "Physico-Chemical Parameters for Testing of Present Water Quality of Khan River at Indore, India", **International Science Congress Association-International Research Journal of Environmental Sciences**, Vol. 3(4), 74-81, April (2014) (ISSN 2319-1414) (pp.-74-81).
- (3) "A Review On Waste Water Treatment Using Sequential Batch Reactor", International Journal of Scientific Engineering and Technology, Vol. 3, No. 9(ISSN: 2277-1581) Sep. 2014, (pp.-1135-1138).
- (4) "Feasibility study of conversion of selected waste plastic in to synthetic fuel- A review", **International Science Congress Association-Research Journal of Engineering Sciences**, Vol. 3, issue 5, May 2014 (ISSN 2278-9472) (pp.-1-5).
- (5) "Laboratory Study &Performance Evaluation of Electrolytic Defluoridation Plant", International Journal of Emerging Trends in Engineering and Development, Vol. 5, issue 4(Aug.-Sept. 2014) (ISSN 2249-6149) (pp.-350-358).
- (6) "Biological Process Modification Using Sequential Batch Reactor (SBR) in the Sewage Treatment Plant (STP) of Bhilai Steel Plant (BSP): A Case Study", International Journal of Emerging Trends in Engineering and Development, Vol. 5, issue 4(Aug.-Sept. 2014) (ISSN 2249-6149) (pp.-398-406).
- (7) "Study of Present Ground Water Quality Status of Indore City by Statistical Evaluation and Water Quality Index.", International Journal of Emerging Trends in Engineering and Development, Vol. 5, issue 4(Aug.-Sept. 2014) (ISSN 2249-6149) (pp.-432-446).
- (8) "Analysis of Ground Water Quality Parameters: A Review", **International Science Congress Association-Research Journal of Engineering Sciences**, Vol. 3, issue 5, May 2014 (ISSN 2278-9472) (pp.-1-5).
- (9) "Analysis of physico-chemical water pollution indicators by statistical evaluation &water quality index of Khan River at Indore, India.", International Journal of Science, Engineering and Technology, Vol. 3, issue 8, August 2014 (ISSN 2278-7798) (pp.-2148-2153).
- (10) "Conversion of selected waste Plastic in to Synthetic Fuel (Synthetic Diesel)", International Journal of Engineering Sciences &Research Technology, Vol. 3, issue 9, September 2014 (ISSN 2277-9655) (pp.-471-475) **Scientific Journal Impact Factor: 3.449, (ISRA), Impact Factor: 2.114.**
- (11) "SEQUENTIAL BATCH REACTORS: TAKING PACKAGED WASTEWATER TREATMENT TO NEW HEIGHTS-A REVIEW", INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET), Vol.-5, Issue 10, October

2014. (pp.-131-138) ISSN 0976-6308(Print) ISSN 0976-6316(Online) **Journal Impact Factor (2014) : 7.9290 (Calculated by GISI).**

- (12) “Applications of Electrocoagulation in treatment of Industrial Wastewater: A Review”, International Journal of Engineering Sciences & Research Technology, Vol. 3, issue 11, November 2014 (ISSN 2277-9655) (pp.-379-386) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (13) “Biological Treatment of Wastewater Using Activated Sludge Process and Sequential Batch Reactor Process – A Review”, International Journal of Engineering Sciences & Research Technology, Vol. 3, issue 11, November 2014 (ISSN 2277-9655) (pp.-728-736) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (14) “UTILIZATION OF JAROSITE GENERATED FROM LEAD-ZINC SMELTER FOR VARIOUS APPLICATIONS: A REVIEW”, INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET), Vol.-5, Issue 11, November 2014. (pp.-192-200) ISSN 0976-6308(Print) ISSN 0976-6316(Online) **Journal Impact Factor (2014): 7.9290 (Calculated by GISI).**
- (15) “Characterizations of Carbonaceous Aerosol in South and East Asia: A review from 2007 to 2014”, International Journal of Engineering Sciences & Research Technology, Vol. 3, issue 12, December 2014 (ISSN 2277-9655) (pp.-116-125) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (16) “Monitoring of Ambient Air Quality in India-A Review”, International Journal of Engineering Sciences & Research Technology, Vol. 3, issue 12, December 2014 (ISSN 2277-9655) (pp.-237-244) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (17) “Biological Treatment of Edible Oil Refinery Wastewater using Activated Sludge Process and Sequencing Batch Reactors – A Review”, International Journal of Engineering Sciences & Research Technology, Vol. 3, issue 12, December 2014 (ISSN 2277-9655) (pp.-251-260) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (18) “A Review on Membrane Bioreactors: An Emerging Technology for Industrial Wastewater Treatment”, International Journal of Emerging Technology and Advanced Engineering, Vol. 4, issue 12, December 2014 (ISSN 2277-9655) (pp.-226-236) **(ISRA), Impact Factor: 2.324.**
- (19) “A Review on Optimization & Reliability Assessment of Water Distribution Network”, International Journal of Scientific Research and Engineering Studies, Vol. 1, issue 06, December 2014 (ISSN 2349-8862) (pp.-05-10).
- (20) “Management, Modelling & Maintenance of water and wastewater Using GIS-A review”, International Journal of Engineering Sciences & Research Technology, Vol. 3, issue 12, December 2014 (ISSN 2277-9655) (pp.-369-375)

Scientific Journal Impact Factor: 3.449(ISRA), Impact Factor: 2.114.

- (21) "MODIFIED CLUSTER SYSTEM APPROACH TO WASTEWATER TREATMENT BY USING MEMBRANE BIO REACTOR-A REVIEW", International Journal of Engineering Sciences & Research Technology, Vol. 4, issue 1, January 2015 (ISSN 2277-9655) (pp.-62-71) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (22) "Review on Performance evaluation of water treatment plant and water quality index", International Journal of Engineering Sciences & Research Technology, Vol. 4, issue 1, January 2015 (ISSN 2277-9655) (pp.-101-113) **Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114.**
- (23) "Computer aided hydraulic process design of conventional water treatment plant without and with upgradation", Journal of Environmental Research and Development (An **International Research Journal of Natural SCS., Technology, Social SCS., Law and Management for Environment**), Vol. 9, issue 3, January-March 2015 (ISSN 0973-6921) E-ISSN 2319-5983 (pp.-642-651) **Impact Factor : 1.268.**
- (24) "Performance evaluation of existing ASP & SBR (30 MLD capacity) STP's at PCMC, Pune (MH)- A case study", American Journal of Engineering Research (An **International Research Journal**), Vol. 4, issue 8, August 2015, (e-ISSN 2320-0847) (p-ISSN 2320-0936), Peer reviewed **Open Access**, (pp.-125-139).
- (25) "Assessment of Present Ambient Air Quality of Indore City using Indian Air Quality Index – A Case Study", IJSTE-International Journal of Science Technology & Engineering, Volume 3, Issue 06, 2016, (ISSN (online): 2349-784X), (pp.- 153-157).
- (26) "Development of Packaged Sequencing Batch Reactor Sewage Treatment Plant for Domestic Sewage along with M.G.F., A.C.F. and R.O.-U.V. Units", Journal of Indian Water Works Association, January-March 2018.
- (27) "Environmental Audit on Pharmaceutical Industry: A Case Study of IPCA laboratories Indore." published in International Journal of Interdisciplinary Research and Innovations., Vol. 6, issue 3, July-**September 2018** (ISSN 2348-1218 (Print)) (ISSN 2348-1226(online)) (pp.-34-38).
- (28) "Global Trends in Environmental Flow Assessment" published in **Journal of Institution of Engineers India. Series A (Springer India) link.springer.com SPRINGER NATURE, Switzerland AG. Part of Springer Nature, (24 October 2018)** Published Online Volume 100, Issue 1, (pp-191-197) Print-2019/3/8. ISSN: 2250-2149 (Print), ISSN: 2250-2157 (Online), **SCI & UGC CARE.**
- (29) "Environmental Audit of Ipcalaboratories Ltd. Indore: A Case Study" published in International Journal of Scientific Research and Review, Vol. 7, issue 9 (**1 December 2018**) (ISSN 2249-6149) (pp.-398-406), **UGC CARE.**
- (30) "A Review on Recycling and Application of Waste Plastic in

Construction Field”, published in Global Journal of Engineering Science and Researches, Vol. 6(6), **June (2019)** (ISSN 2348-8034) (pp.-173-177), **UGC Approved.**

- (31) “Development of Low-Cost Natural Adsorbent for the Treatment of Waste Water: A Review”, published in Global Journal of Engineering Science and Researches, Vol. 6(6), **June (2019)** (ISSN 2348-8034) (pp.-196-201), **UGC Approved.**
- (32) “Optimization of Few Parameters of SBR Wastewater Treatment Plant (245 MLD Capacity) at Kabitkhedi, Indore – A Case Study.” Published in Journal of Indian Water Works Association (**UGC Approved**), Vol. 50, issue (4), **October-December (2018)** (ISSN 0970-275X) (pp.-269-273).
- (33) “Lab Scale Study of Electro-Coagulation Process for Zinc & Iron Removal from Metal Plating Industrial Wastewater.” Published in Journal of Indian Water Works Association (**UGC Approved**), Vol. 51, issue (1), **January-March (2019)** (ISSN 0970-275X) (pp.-34-39).
- (34) “Cost Evaluation of SBR-Packaged STP Equipped with M.G.F., A.C.F., and R.O.-U.V. Units used for Treatment of Domestic Sewage.” Published in Journal of Indian Water Works Association (**UGC Approved**), Vol. 51, issue (2), **April-June (2019)** (ISSN 0970-275X) (pp.-125-130).
- (35) “Approaches for Water Conservation and Reuse in Kraft based Pulp and Paper Industry” Published in Journal of Indian Water Works Association (**UGC Approved**), Vol. 51, issue (2), **April-June (2019)** (ISSN 0970-275X) (pp.-143-149).
- (36) “Lab Scale Study of Iron Removal from Industrial Wastewater by Electro-coagulation Process: A Case Study.” published in International Journal of Engineering Research & Technology, Vol. 8, issue 9, **July-September 2019** (ISSN 2278-0181) (pp.-742-745) **UGC CARE.**
- (37) “Design and Development of Rapid Composting Pit for Agricultural Residues” published in International Journal of Engineering Research & Technology, Vol. 8, issue 9, **July-September 2019** (ISSN 2278-0181) (pp.-629-635) **UGC CARE.**
- (38) “Cost Optimization of SBR Based Municipal Wastewater Treatment Plant (245 MLD) at Kabitkhedi, Indore- A Case Study” published in Journal of Indian Water Works Association, Vol. 51, issue 4(**October- December 2019**) (ISSN 0970-275X) (pp.-282-288), **UGC CARE.**
- (39) “A Study to Optimise Plastic to Fuel Technology- A Review”, published in International Journal of Engineering Research & Technology, Vol. 9, issue 4, **April 2020** (ISSN 2278-0181) (pp.-190-222), **UGC CARE.**
- (40) “Solid waste characterization and treatment technologies in rural areas: An Indian and international review”, Environmental Technology & Innovation, published on 25 July 2020, **20 (2020) 101066, ELSEVIER B.V., SCI and UGC Care**, (pp. 1-15).

(II) International/National Conference Publications
(1) "GIS based Route Optimization for Solid Waste Disposal-A Case Study of Khandwa.", National Conference on Innovative Trends in Applied Sciences, Humanities, Management and Environment,2015, Organized by Department of Civil Engineering and Applied Mechanics, dated 14-10-2014 , Shri Vaishnav Institute of Tech. & Science, Indore. (2) "Development of Packaged Sequencing Batch Reactor Sewage Treatment Plant for Domestic Sewage", 49 th Annual Convention of IWWA on "Smart Water Management", 19-21, January, 2017.

5. List of Conferences/Workshops/Seminars Organized

6. Invited Lectures/Expert Talks/Chairmanships at Conferences