## Curriculum Vitae

Dr. (Mrs.) PRADNYA RAJENDRA DIXIT

Address: -

Dr. (Mrs.)Pradnya Dixit

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Nagar, Bibvewadi, Pune - 411037

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**BORN:**7 September 1977

## **EDUCATION: Ph D (Civil and Environmental Technology)**

6/2000: Bachelor of Engineering (Civil), Shivaji University, Kolhapur India. (*Distinction*)

9/2010: Post Graduate Study (towards Master of Technology in Hydraulics Engg),

Bharati Vidyapeeth's University, Pune, India. (First class)

5/2017: Ph.D. (Civil and Env. Technology), Dept. Of Technology, Savitribai Phule

Pune University, Pune, Maharashtra, India, GOLD MEDALIST in Savitribai Phule

**Pune University** 

#### **PROJECTS:**

B.E: Development of reinforced cement concrete using artificial fibers

M.E.: Study of design settling basin for alluvial channels

Ph. D: Neuro - Wavelet Approach for Ocean Wave Forecasting

## PROFESSIONAL SOCIETY MEMBERSHIP:

Indian Society of Hydraulics, Indian Society of Technical Education, Institute of Engineers of India.

## PROFESSIONAL TRAINING RECEIVED:

- Certified virtual classroom teacher, Classel Skillnet, 13 June 2020
- Coursera certified courses: Programming for Everybody (Getting Started with Python)- MICHIGAN UNIVERSITY, Sequences, time series and prediction, Neural network and deep learning, April- May, 2020.
- Elite Silver for NPTEL 8 week course on Accreditation and Outcome based learning, 2019
- Topper of NPTEL 12 week course on Irrigation and Drainage, 2019
- Attended 3 days workshop on "Attended one Artificial intelligence and deep learning", from 13thJune to 15th June2018, organized by Bennet University Delhi in collaboration with SIT, Pune.
- Attended one day workshop on drafting of B.E Civil Syllabi. In April 2010, in VIIT. Pune.

 Attended one day workshop on "Engineering Research Opportunities in India & Aborad" held on

23rd Jan 2010.

 Attended Two days workshop on Engg Mechanics –on Effective Teaching Methodology in VIIT

Pune on 8th& 9th June 2009.

- Attended one day workshop in ARTI at Phaltan on renewable energy sources for domestic & agricultural use on 12th May 2008.
- Attended 15 days workshop which was held by NITTTR, Bhopal for Induction Training Programme (Distance learning & Teaching methods) in Pune from 23rd July to 4th Aug 2007.

## **OTHER QUALIFICATIONS:**

- Approved Ph D guide for Civil Engineering, University of Pune.
- Approved Post-graduate guide for Civil –WREE Engg., University of Pune
- Post Graduate Examiner-Bharati Vidyapeeth Deemed University Pune, Solapur University

## **HONORS:**

- Reviewer of ISH Journal of Hydraulic Engineering, Ocean Engineering-Science Direct-Elsevier, Applied Ocean Research
   Science Direct-Elsevier, Journal of Soft computing in Civil Engineering, IEEE transactions on systems, Man and Cybernetics, Int. Journal on communication systems, Journal of Applied Meteorology and climatology -American Meteorological Society.
- Session chair in INCHOE 2018, International Conference, CWPRS-Pune.
- Gold Medal for Best Ph D thesis for 2017 from Savitribai Phule Pune University, Pune
- Team Member of "Leading India", an Internationally funded project for spread of AI techniquesin India spearheaded by Bennett University, New Delhi
- Excellence in Teaching Award/ Best employee of VIIT: for 2011, 2013, 2015, 2016, 2018, 2019
- Appreciation letter for contributing in 'Research and Development' at Institute level 2017
- Best researcher Award at VIIT: for 2019

## **APPOINTMENTS:**

8/2018	Associate Professor, (Civil Engineering), Vishwakarma Institute of
	Information Technology, Pune
07/2011	Assistant Professor (Civil Engineering), Vishwakarma Institute of
	Information Technology, Pune
08/2009- 07/2011	Lecturer, (Civil Engineering), Vishwakarma Institute of Information
	Technology, Pune
07/2007- 06/2009	Lecturer, Basic sciences and Humanities Dept., Bharati Vidyapeeth's
	College of Engineering for Women (B.V.C.O.E.W.), Pune.
01/2005 -06/2007	Lecturer (Visiting lecturer), Dept. Basic sciences and Humanities
	B.V.C.O.E.W. Pune
06/2005 - 08/2006	Lecturer, Civil Engg. Dept. in College of Mod- Tech Engg. Pune.
11/2002 - 12/2003	Purchase Assistant Engineer, B.K.Pate Enterprises.Pune,

#### AREAS OF R&D EXPERTISE:

Soft Computing in Hydrology, Water Resource Engineering and Ocean Engineering

#### **EXPERIENCE:**

## At V.I.I.T. Pune

- Teaching courses like Optimization Techniques, Mechanics of Waves, Hydrology And Ground Water Engg, Planning of Water Resource Management (PMWR) at PG-ME (CIVIL-WREE) level
- Teaching courses like Systems Approach in Civil Engineering, Mechanics of Waves, Hydrology, Fluid Mechanics I, Fluid Mechanics II, Engg. Mechanics, Basic Civil Engg., and Elements of Civil Engineering at UG level
- Guidance for UG, PG seminars and projects: 16 PG Dissertation, 4 UG project groups: One projectgroup receives AVISHKAR UNIV.RANK 1 and ZONAL LEVEL CERTIFICATION
- University Subject Chairman of FM I (SE CIVIL), HYDROPOWER (BE ELECTIVE), IWRM (ELECTIVE), SOFT COMPUTING TECHNIQUES(BE ELECTIVE), HYDROLOGY(ME Hydraulics), WRSP(ME Hydraulics, WREE)
- Paper-Setter and Examiner for, Fluid Mechanics I and II, Hydrology, Systems Approach in Civil Engineering for UG and, Hydrology And Ground Water Engg, Planning of Water Resource Management (PMWR), Optimization Techniques for PG level in SPPU.
- Member of syllabus setting committee :Fluid Mechanics, Hydrology, Systems Approach in Civil Engineering for UG level and ME WREE for PG level, University of Pune.
- Laboratory In-Charge, Fluid Mechanics (6yrs):
- Worked as ISO coordinator, NBA coordinator of Civil Dept at Institute level, Sr. Supervisor in SPPU Exams
- Co- investigator in consultancy related to WREE (8 years): Personal contribution of worth Rs. 60000/ and above
- Co-investigators in R and D projects (5 years) and Principal Investigator (2 years): Total Funds received of Rs 2655900/- till today
- Head Department of Civil Engg for one academic semester

#### At Bharati Vidyapeeth College of Engineering, Pune:

Taught courses like Engg. Mechanics, Basic Civil Engg at UG level

## At ,B.K. Pate Enterprises, Pune

Purchase Engineer for Industrial and residential projects.

## **PUBLICATIONS:**

## **International Referred Journals (18)**

1.	"Predicting carbonation coefficient using Artificial neural networks and genetic programming", S.N. Londhe, P.S. Kulkarni, P.R. Dixit a, A. Silva, R. Neves, J. de Brito, Journal of Building Engineering, Elsevier, 39, 102258, Jan 2021.
2.	"Predicting Strength of Concrete using Artificial Neural Network, Multi Gene Genetic Programming and Model Tree", Preeti Kulkarni, Shreenivas Londhe, Pradnya Dixit, Challenge Journal of Structural Mechanics, 5(2), 42-61, June 2019
3.	"Flood Routing: A review of numerical model applications", P.R.Dixit, Sneha Nikalje , Journal NX , Multidisciplinary peer reviewd Journal, ISSN No.(E):2581-4230,( June 2018) 32-35
4.	"Neuro-wavelets in water flows", P.R. Dixit, S.N.Londhe and M. C. Deo, Indian National Academy of Engineering (INAE) Letter, Springer, 2016
5.	"A coupled numerical and artificial neural network model for improving location specific wave forecasts", S.N.Londhe, Shalaka Shah, P.R.Dixit, T.M. Balakrishnan, P. Sirisha and Rohit Jain, Applied Ocean Research, 59(July 2016), 483-491
6.	"Control of Hydraulic Jump using abrupt rise in bed level", P.R. Dixit, Raj sheth, International Journal of Modern trends in Engineering and Research, Vol.3,Issue 4, April 2016, 437-441.
7.	"Prediction of Extreme Wave Heights Using Neuro Wavelet Technique", P.R. Dixit, S.N.Londhe, Applied Ocean Research, Elsevier, 58, April 2016, 241-252
8.	"Application of Geno-Wavelet Technique to Improve the Location Specific Wave Forecasts", ShreenivasLondhe, Pradnya Dixit, ShwetaNarkhede, Procedia Engineering, Elsevier, 116, Sept 2015, 971-978
9.	"Behavioral Characteristics of Multilevel Decomposition Systems of Neuro-Wavelet in Wave Forecasting", Pradnya Dixit, ShreenivasLondhe, Shalaka Shah, Procedia Engineering, Elsevier, 116, Sept 2015, 406-413
1 0.	"Infilling of missing daily rainfall records using artificial neural network", S.N.Londhe, Pradnya Dixit, Shalaka Shah, Shweta Narkhede, ISH Journal of Hydraulic Engineering, Taylor and Francis, 21(3), Sept 2015, 255-264
11.	Trends in the Rainfall Pattern over Vidarbha Region of Maharashtra State, India, Pradnyadixit and Aparna Deulkar, International Journal of Modern Trends in Engineering and Research, IJMTER, July 2015, 383-390.
12.	Applications of MIKE 11 for Flood Forecasting (A Review),, Pradnya Dixit and Alifiya Shaikh, International Journal of Modern Trends in Engineering and Research, IJMTER, July 2015, 201-204.
13.	Evapotranspiration Modeling Using M5 Model Tree, P.R. Dixit and Nitin Sawalkar, International Journal of Earth Sciences and Engineering (IJESE 2015), ISSN 0974-5904, 001-008.
14	"Wave Forecasting using Neuro-Wavelet Technique", P.R. Dixit, S.N.Londhe, Y.H. Dandawate, International Journal of Ocean and Climatic Systems, 5(4), Dec 2014, 237-248,

15	"Removing prediction lag in wave height forecasting using Neuro - Wavelet modeling
	technique", P.R. Dixit, S.N.Londhe, Y.H. Dandawate, Ocean Engineering, 93, Jan 2015,74-83
16	"Forecasting Stream Flow using Support Vector Regression and M5 Model Trees",
	S.N.Londhe and P.R.Dixit, The International Journal of Engineering Research and
	Development (IJERD), 2(5), July 2012, 1-12
17	"Genetic programming: A Novel Computing Approach in Modeling Water Flows", S.N.Londhe
	and P. R. Dixit, Genetic Programming, InTech Publications, editor: Sebastian Ventura Soto,
	ISBN 980-953-307-215-4, http://dx.doi.org/10.5772/48179, 2012,199-224,
18	"Forecasting Stream Flow Using Model Trees", S.N.Londhe, P.R.Dixit, International Journal
	ofEarth Sciences and Engineering ISSN 0974-5904, Volume 04, (06 SPL), October 2011, 282-
	285

## **International Conference (40)**

1	Applications of data driven techniques for stage measurement stations of upper Krishna subbasin, 3rd International Conference on Advances in Civil Engineering, K L E F, Vijayawada, June 25-26, 2021
2	Comparison of two data driven techniques for predicting precipitation at Koyana reservoir catchment, Maharashtra, India, International Conference on Recent Advances in Civil Engineering for Sustainable Development (RACESD-2021) February 13-14, 2021
3	Streamflow forecasting using Support Vector Regression, Model Tree and Multigene-Genetic Programming, International Conference on Recent Advances in Civil Engineering for Sustainable Development (RACESD-2021) February 13-14, 2021
4	Correlating Stream Gauge stations using Multigene-Genetic Programming, ISH – HYDRO 2020, 25 <sup>th</sup> International conference on hydraulics, water resources and coastal engineering, National Institute of Technology Rourkela, Odisha, India 26-28, March 2021
5	Forecasting of Koyna Reservoir outflow using M5 Model Tree, ISH – HYDRO 2020, 25 <sup>th</sup> International conference on hydraulics, water resources and coastal engineering, National Institute of Technology Rourkela, Odisha, India 26-28, March 2021.
6	Application of data driven techniques to retrieve ground water levels, ISH-HYDRO 2019, International conference on hydraulics, water resources and coastal engineering,18-20 <sup>th</sup> Dec'2019, Osmania University, Hyderabad, India.
7	flow prediction using Artificial Neural Network and Support vector Regression", 2nd International conference on sustainable water Management, organized by WRD-Govt. of Maharashtra, 6-8 Nov 2019, Pune
8	Study of effect of critical shear stress parameter on deposition phenomenon by using mathematical model for hydrodynamics, siltation and dispersion of dredged material, AdCoRe IP-2019, International symposium on Advances in Coastal Research with special reference to Indo Pacific,17th -19th December 2019, Chennai, India
9	"Removal of Phase shift in Wave Height forecasting using Data Driven Tools and Moving Average", World Ocean Science Congress, Andhra University, Vizag, Feb 2019
10	"Operational Ocean Observation / Monitoring using Data Driven Tools and Moving Average in Predicting Sea Surface Temperature", World Ocean Science Congress, Andhra University, Vizag, Feb 2019
11	"ANN and MT approach for Water Level Forecasting with Moving Average", World Ocean Science Congress, Andhra University, Vizag, Feb 2019
12	"Comparison of Numerical and Data Driven Approaches for Rainfall - Runoff Modeling", ISH- HYDRO2018, International conference on Hydraulics, water resources and coastal engineering, NIT Patna, Dec2018
13	Ocean Wave Forecasting :An Indian Case Study, International Conference on Ocean Engineering (ICOE 2018), IIT Madras, February 2018
14	Water Level Forecasting Using Neuro Wavelet Technique, International Conference on Ocean Engineering (ICOE 2018), IIT Madras, February 2018
15	Distributed Rainfall runoff modeling using spatial analysis technique, International conference on hydraulic and Env. Systems, KLE university, Belgavi, Karnataka.23 March-25 March 2017

16	Neuro Wavelet Approach For Ocean Wind Speed Forecasts, Hydro International, 21st International Conference on Hydraulics, Water Resources and Coastal Engineering, CWPRS-Pune, December 2016.
17	Identification Of Drought Prone Area Using Drought Indices, ,Hydro International, 21st International Conference on Hydraulics, Water Resources and Coastal Engineering, CWPRS-Pune, December 2016.
18	Application of Neuro Wavelet Technique for Prediction of Extreme Wave Events, Hydro International, 20th International Conference on Hydraulics, Water Resources and River Engineering, IIT Roorkee, India, December 2015
19	Reservoir Inflow analysis using Model Tree: A data driven Technique, Hydro International,20th International Conference on Hydraulics, Water Resources and River Engineering,IIT Roorkee, India,December 2015
20	"Application of Geno-Wavelet Technique to Improve the Location Specific Wave Forecasts", 8th International Conference on Asian and Pacific coast (APAC 2015), IIT Madras, Sept 2015
21	"Behavioral Characteristics of Multilevel Decomposition Systems of Neuro-Wavelet in Wave Forecasting", APAC 2015, IIT Madras, Sept 2015
22	"Calibration of MIKE11 model for the prediction of water level along Kharsua River", 4 <sup>th</sup> International Conference on Recent Trends in Engineering & Technology (ICRTET'2015), SNJB COE, Chandwad, Nasik, India, July 2015
23	Evaporation Modelling using M5 Model Tree,ICEE 2015, NIOT, 20-21March'15,Coimbatore, Tamilnadu, India
24	"Error Reduction in Location Specific Wave Forecast Using Artificial Neural network", World Ocean Science Congress, Kochi, India, Feb 2015
25	"Neurowavelet Applications for Wave Height Forecasting: A Review", World Ocean Science Congress, Kochi, India, Feb 2015
26	"Improving Location Specific Wave Forecast Using Soft Computing Techniques", Hydro International, MANIT, Bhopal, India, December 2014
27	"Performance of Different Daubechies Wavelets in Wave Forecasting", Hydro International, MANIT, Bhopal, India December 2014

28	"Infilling of Missing Daily Rainfall Records using Artificial Neural Network", 3rd
	International Conference on Recent Trends in Engineering & Technology (ICRTET'2014),
	SNJB COE, Chandwad, Nasik, India, March 2014
29	"Infilling of Missing Daily Rainfall Records using Genetic Programming", International
	Symposium on Integrated water resources management, CWRDM, Kozikode, India Feb 2014
30	"Commission of CD and CCWIM for Lettling Mission Della Delia (11 December 12) Letter (12 and
30	"Comparison of GP and CCWM for Infilling Missing Daily Rainfall Records", International
	Conference on Science and Technology ICST-2K14. SBPatil COE Indapur, Pune, India Feb
	2014
21	"Infilling Of Missing Daily Rainfall Records Using Soft Computing Tools", Hydro-
	International, Organized by IIT Madras and ISH, Dec 2013
32	"Real Time Wave Forecasting Using Wavelet Based Soft Computing Technique", Hydro-
32	International, Organized by IIT Madras and ISH, Dec 2013
33	Evaporation Modeling Using Model Tree, Icficdc '13, MepcoSchlenk Engineering College,
33	
	Sivakasi, India, April 2013
34	"Rainfall Runoff Model Using Artificial Neural Network", Icficdc '13, MepcoSchlenk
	Engineering College, Sivakasi, India, April 2013
35	"Forecasting Ocean Waves Using Support Vector Regression", 18th IAHR-APD, Jeju, Korea
	August 2012
36	"Application Of Support Vector Regression In Hydraulic Forecasting: A Review", SPICON
	2012, International Conference on Recent Advances in Engineering, Technology and
	Management, S.P. Engineering College, Mumbai, May 2012
37	"Data Driven Modelling for stream Flow Forecasting", i-CORT 2012 International Conference
	on Recent Technologies, IOK-COE Pune, February 2012
38	"Modeling Rainfall-Runoff Process Using Support Vector Regression", 3rd International
	Conference on Managing Rivers in the 21 <sup>st</sup> Century, Penang, Malaysia, December 2011
39	"Forecasting Stream Flow Using Model Trees", International Conference On Advances in
	Civil Engineering (ACE-2011), K L University, Vijayawada, India, October 2011
40	"Forecasting the Ocean Wave Heights using Linear Genetic Programming", 9th International
	Conference on Hydro-Science and Engineering (ICHE 2010), IIT Madras, India, August 2010
-	

## **National Conference: (14)**

"Artificial Intelligence: Future in Civil Engineering Applications", NFiCE 2018, IIT
Bombay, Dec 2018
"A Coupled Moving Average and ANN Approach for Water Level Forecasting",
INCHOE 2018, CWPRS, Pune
"Predicting Sea Surface Temperature using Moving Average and Artificial Neural
Networks", INCHOE 2018, CWPRS, Pune
"Removal of Phase Shift in Wave Height Forecasting (A Univariate Time Series
Prediction)", INCHOE 2018, CWPRS, Pune
"Mathematical Model studies for optimizing outfall location for hot water discharge from
power plant", 5 th National conference on Water, Environment and Society held in JNTU,
Hyderabad, 6th June 2018.
"Flood Routing: A comparison of Theoretical and data driven technique" 5 th National
conference on Water, Environment and Society held in JNTU, Hyderabad, 6th June 2018.
"Application Of Genetic Programming To Retrieve The Ground Water Levels", 5 th National
conference on Water, Environment and Society held in JNTU, Hyderabad, 6th June 2018.
"Application of hump to control the hydraulic jump and thus to improve the dissolved oxygen
content", SWARDAM 2016, GCOE Aurangabad, , July 2016
"Towards Correcting Location Specific Wave Forecasts Using Artificial Neural Networks",
Annual Monsoon Workshop 20015, Indian Institute of Tropical Meteorology, Feb 2016
Estimation Of Evapotranspiration By Soft ComputingTechnique (Model Tree),National Conference on Advances of Civil in Civil and structural Engg., NCACSE-2014,August 2014
Distributed Rainfall Runoff Modeling Using Spatial Analysis Technique, National Conference on
Advances of Civil in Civil and structural Engg., NCACSE-2014, August 2014
"Artificial Neural Networks and Hydrological Modeling", National Conference, TECH
Streams, PHCET, Rasayani, India, Feb 2014
"Wave Forecasting Using Neuro-wavelet technique", INCHOE 2014, NIO Goa, Feb 2014
"Prediction Of Stream Flow Using Least Square Support Vector Regression", CCERP- 2012,
Manipal Institute of Technology, India, April 2012

#### **BOOKS / PROJECT REPORTS:**

1	"Infilling of Missing Daily Rainfall Records using Soft Computing Techniques", VIIT Pune
	and BCUD Pune University, 2013 as co-author.
2	"Real time wave forecasting using wavelet based soft computing techniques", VIIT Pune and
	AICTE New Delhi, 2016 as co-author.
3	"Improving location specific wave forecast using soft computing technique", VIIT Pune and
	INCOIS, ESSO- Govt. of India, Hyderabad-INDIA, 2017as co-author.
4	"Neuro-Wavelet Approach for ocean wave forecast", Ph. D Thesis, 2017, SPPU, Maharashtra-
	India.
5	"Control of hydraulic Jump using abrupt rise in bed", VIIT Pune and BCUD Pune University,
	2014-16 as PI.

# PRESENTATIONS /INVITED LECTURES at MAJOR CONFERENCES/ STTP / FDP / WORKSHOPS: 30 (16+14)

- 1. Total **16** invited speech on "Applications of AI in Civil Engineering" in various academic institutes affiliated to SPPU, Pune in 2018 and 2019 (APCOER, Symbosis-Lavale, SCOE, DYPCOE- Akurdi, DYPCOE-Lohagao, STE's SAE, Indira COE, SBCOE-Indapur, VPCOE-Baramati, Pune)
- 2. Wavelet based Soft Computing Techniques, STTP in HOC Pillai COE Rasayani, Panvel, July 2015
- 3. Estimating Missing Rainfall using Soft Computing Tools, Hydro 2013, IIT Madras
- 4. Genetic Programming: Applications, GCOE Aurangabad, June 2013.
- 5. Resource person: FDP on FM II June 11/12/2013, in VIIT.
- 6. Resource person: Syllabus detailing for ME course 23/2/2013, in DYPatil COE Ambi
- 7. Resource person: Syllabus detailing for SE course 23/2/2013, in DYPatil COE Ambi
- 8. Delivered expert lectures in VP COE Baramati, DY PIET Pimpri, Pune on Fluid Mechanics For Oral and Practs, October 2013.
- 9. Delivered expert lectures especially for 'How to prepare for FM- II theory Exam' DY PIET Pimpri, Pune on Fluid Mechanics, October 2013.
- 10. Taught full course of Operations Research to ME CM students of DYPIET Pimpri, Pune, Dec2013- Feb2014
- 11. Resource person: Teaching methodology for FM II, SIES Narhe campus, June 2014.
- 12. Improving Location Specific Wave Forecast Using Soft Computing Techniques, Hydro International, MANIT, Bhopal, India, December 2014
- 13. Performance of Different Daubechies Wavelets in Wave Forecasting", Hydro International, MANIT, Bhopal, India December 2014
- 14. Resource person:Training of Vishwakarma Institute's (Latur) facultymembers for FM II experiments, DEC 2014.

15. Genetic programming: A Novel Computing Approach in Modeling Water Flows, International Conference on Recent Advances in Engineering, Technology and Management, S.P. Engineering College, Mumbai, May 2012

## **SPONSERED PROJECTS:**

Project Title	Year	Agency	Project Funding	Role	Status
Control of hydraulic	2014-	BCUD-	Rs. 170000.00	PI	Complete
jump using abrupt rise in	2016	SPPU			
the bed					
Improving location	2013-	INCOIS	Rs. 1509900.00	Co -PI	Complete
specific wave forecast	2017	Hyderabad,	+306900.00		
using Soft Computing		Ministry of	=1815900.00		
Techniques		Earth			
		Sciences			
Real time wave	2013-	AICTE,	Rs. 370000.00	Co- PI	Complete
forecasting using wavelet	2016	Delhi			
based soft computing					
techniques					
Infilling of missing daily	2012-	BCUD-	Rs. 300000.00	Co- PI	Complete
rainfall records using soft	2014	PU			
computing techniques					
		TOTAL	Rs. 2655900.00		

## **CONSULTANCY:**

Title	Year	Agency	Amount	Role	Status
Mulyamapan of JSA works	2020	Dist. Agricultral Dept.Pune, Govt. of Maharashtra	8637/-	Co-PI	complete
Mulyamapan of JSA works	2018- 20	Dist.Agricult ural Department Pune, Govt. of Maharashtra	105000/	Co-PI	complete
Checking of Chapters of Integrated State Water Plan (ISWP) of Krishna Basin	2017	Pune Irrigation Project Circle Pune	4770/-	Co- PI	complete

Impact Assessment of Jal	2017	Dist.Agricult		Со-	complete
Yukta Shivar Abhiyan in		ural	913920/-	PI	
4 Talukas of Pune		Department	.00		
District		Pune, Govt.			
		of			
		Maharashtra			
Academic experiments in	2010 to	Various	264361/-	PI as well as	Complete
Fluid mechanics	till date	academic		Co PI	
Laboratory as Lab Incharge		institutes			
		TOTAL	1296688/-		

## **SERVED AS PROJECT SUPERVISOR TO:**

- Post Graduate students: Supervisor (Guide) of 16 STUDENTS: Ms. Megha Divtae, Mr. Aashish Kale, Mr. Nitin Sawalkar, Ms. Alifiya Shaikh, Ms. Aparna Deulkar, Mr. Kunal Sonawane, Ms. Snehal Jadhav, Ms.Payal Chakote, Ms.Shrushti Lohi, Ms.Sneha Nikalje, Mr.Sagar Kharche, Mr. Amit Dhdawe, Mr. Swapnil Waghmare, Ms. Tripti Padavi, Mr.Rushikesh Satpute, Ms. Priya Sawale, Mr. Touffic Maner.
- <u>Under Graduate students</u>: 2 BE project Groups and 12 students for seminars

#### **COUNTRIES VISITED:**

Malaysia, Singapore, Thailand, Sri Lank

## **REFERENCES:**

- Prof. M.C. Deo, Professor in Civil Engineering Department, Indian Institute of Technology, Bombay, Powai, Mumbai 400076, ph: 9122 25767330, fax: 91 22 2576 7302/2572 3840 email: mcdeo@civil.iitb.ac.in
- Prof. S.B.Charhate, Prof and Head, Department of Civil Engineering, Pillai HOC College of Engg& Tech. Pillai HOC Educational Campus, Rasayani, Tal: Khanapur, Dist: Raigad, ph: 9819967966, Email: <a href="mailto:scharhate@mes.ac.in">scharhate@mes.ac.in</a>
- Prof. D. G. Regulwar, Associate Professor, Dept. of Civil Engineering, Government College of Engineering, Osmanpura, Station Road, Aurangabad-431 005, ph: 912402366140, 09422202380 Email: regulwar@gmail.com