

# CURRICULUM VITAE

## 1. Personal Information

- **Name:** Prof.(Dr) Prabhuling B Ullagaddi.
- **Position:** Professor
- **Department:** Civil Engineering.
- **Contact Information:** Email – [pbullagaddi@sggs.ac.in](mailto:pbullagaddi@sggs.ac.in)
- office location – Department of Civil Engineering
- phone number - 9873655549.

## 2. Educational Background

Examination / Degree	Board /University	Institute	Year of passing	Division /CGPA	Marks in %
Graduation-B.E. Civil Engineering	Karnataka University, Dharawad	B.V. Bhom Reddy College of Engineering & Technology, Hubli, Karnataka.	1986	Distinction	71.80
Post Graduation - M.E. Civil (Hydraulic Engineering)	Shivaji University, Kolhapur, Maharashtra	Walchand College of Engineering, Sangli, Maharashtra,	1991	Distinction	79.15
Ph.D Civil (Geotechnical Engineering)	Shivaji University, Kolhapur, Maharashtra	Walchand College of Engineering, Sangli, Maharashtra,	2000	NA	NA

## 3. Research Interests

- **Areas of Expertise:** Water Resources Engineering, Geotechnical Engineering,

## 4. Teaching Experience

- **Courses Taught:** List of courses taught (undergraduate and graduate levels).

Under Graduate	<ul style="list-style-type: none"><li>• Engineering Mechanics</li><li>• Elements of Civil Engineering,</li><li>• Fluid Mechanics -I</li><li>• Fluid Mechanics-II</li><li>• Hydraulic Engineering</li><li>• Open Channel Flow</li></ul>
Post-graduate	<ul style="list-style-type: none"><li>• Advanced Hydraulics</li><li>• Irrigation Engineering</li></ul>

## 5. Publications and Presentations

- **Books:** Authored or edited books.

	Details
Books authored	Retaining Wall with Shelves R D Padhye, P B Ullagaddi LAP LAMBERT Academic Publishing
Book Chapter	Anand Shrigondekar and Prabhuling Ullagaddi , (2020) "A Review on Improving Bearing Capacity of Soil by Effective Use of Geosynthetic Reinforcement" <i>Advances in Civil Engineering &amp; Infrastructural Development</i> , Springer, Volume 87, ISSN 2366-2557, Pp 547-556 .
Peer reviewer (Reviewed papers were brought in the form of books)	1. Indian Geotechnical Conference 2. International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability

- **Journal Articles:** Peer-reviewed articles with references to prominent publications.

### 1. International Journals

1. Nagaraj T K, Ullagaddi P B, (2011), "Experimental Investigation of Beneficial Effect of Geotextile Reinforcement at interface in a layered soil system", International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, ISSN: 0974-3588, Vol.4, Jan, Pp 108 – 111.
2. Arun W Dhawale and Ullagaddi P B, (2011), "Change Detection of Kovan Valley a Micro-watershed by using RS&GIS Technique", International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, ISSN: 0974-3588, Vol.4, Jan, Pp 218-221.
3. Radke A S and Ullagaddi P B ,(2011), "Performance Evaluation of Various Corrosion Inhibition Methods on Rebars Embedded in Concrete", International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, ISSN: 0974-3588, Vol.4, Jan, Pp 310 – 314.
4. Padhye, R.D., Ullagaddi, P.B.,(2011), "Sliding of retaining wall with pressure relief shelf (an experimental study)" , Computer Methods for Geomechanics: Frontiers and New Applications, 1, pp. 489-494.
5. Patil B S, Ullagaddi P B and Jugati D G,(2011), "Factors Affecting The Cost and Quality of Construction", International Refereed Research Journal, ISSN:0975-3486, May-2011, Vol-II, Issue-20.
6. Dhawale Arun W and Ullagaddi P B, (2012), "Comparative Performance Monitoring of Rainfed Watersheds Applying GIS AND RS Techniques", International Journal of Engineering Science and Technology (IJEST), ISSN: 0975-5462, Vol. 4 No.03, Pp 1132 – 1139.
7. Patil B.S., Ullagaddi P.B and Jugati D.G. (2012), "Implementation of ISO 9001:2008 and TQM Principles in Indian Construction Industries" International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences. ISSN: 0974-358, Jan '12 – June '12 issue, Pp 206-209.
8. Patil B S, Ullagadd P B and Jugati D G . (2012), "Elements for Managing Time and Cost to Increase Quality in Indian Construction Industries" International Journal of New Innovations. ISSN: 2277-4459, Pp 40-45.
9. Aswar D S and Ullagaddi P B ,(2017),"An Overview of Geological Modelling Part-I Basics of 3D Geological Modelling", International Journal of Latest Engineering and Management Research (IJLEMR), ISSN:2455-4847, Vol No-2, Issue No-11, Pp 1-14 .
10. Aswar D S and Ullagaddi P B ,(2017)," An Overview of 3-D Geological Modelling Part II. Summary

of Major 3-D Geological Modelling Methodologies", International Journal of Latest Engineering and Management Research (IJLEMR) , ISSN:2455-4847, Vol.No-2, Issue 11, Pp-15-27.

11. Aswar D S and Ullagaddi P B ,(2017)," An Overview of 3-D Geological Modelling Part III. Software Applications in 3-D Geological Modelling ", International Journal of Latest Engineering and Management Research (IJLERM), ISSN:2455-4847, Vol.No-2, Issue 11, Pp-28-38.
12. Aswar D S and Ullagaddi P B ,(2018),"3D Geomodelling for site characterization", Journal of Emerging Technologies and Innovation Research (JETIR), Vol 5, Issue 6, ISSN:-2349- 5162, Pp-52-57.
13. Aswar D S and Ullagaddi P B ,(2018)," Geological Explorations for Characterization of Dams Site", Journal of Emerging Technologies and Innovation Research (JETIR), Vol 5, Issue 7, ISSN:-2349-5162, Pp-171-178.
14. Shrigondekar A and Ullagaddi P B,(2020)," Bearing Capacity Analysis of Square Footing Supported on Geo-grid Reinforced Sand" , International Journal of Emerging Technologies , 11(3) : 169-176.
15. Anand Shrigondekar and Prabhuling Ullagaddi ,(2021)," Ultimate Load Response of a Square Footing Subjected to Axial and Eccentric Load on Geogrid-Reinforced Soil", Jordan Journal of Civil Engineering, Volume 15, No.1, Pp 77-88.
16. Sayali Pawar, Dr.Prabhuling Ullagaddi and Dr.Pawar V S,(2021),"Study of Surface Features using Arc GIS 10.8 Software" LINO Journal,
17. Sayali Pawar, Dr.Prabhuling Ullagaddi and Dr Pawar V S,(2021),"Assessment of Groundwater Potential Zones in Micro Watershed 4EB3k4", PENSEE International Journal, Vol-51, Doi-PNS-0621-245.pdf, Pp 1306-1318.
18. Aslam Khan and Dr.P B Ullagaddi,(2021),"Response Spectrum Analysis of Soft Story in RC Building",The International Journal of Analytical and Experimental Modal Analysis, Vol-XIII, Issue-7, Pp 111-118.
19. Mr. Shaikh Aasef Shaikh Nisar, Dr. P.B. Ullagaddi and Dr. G.D. Awchat , (2021), "Seismic Analysis of a Multi-storeyed Building with Configuration of Floating Columns", International Research Journal of Engineering and Technology (IRJET), Vol-8, Issue-12, Pp 516-527.
20. Ms. Naik Ashwini Shankarrao and Dr. P.B. Ullagaddi,(2021), "Comparative Assessment of Flat Slab With Shear Wall and Bracing System for Different Building Heights", International Research Journal of Engineering and Technology (IRJET), Vol-8, Issue-12, Pp 1184-1191 .
21. Sandhya Sidram Dudhale, P B Ullagaddi and Piyush Hurne (2021), " 372 Villages Gangapur-Vaijapur Grid Water Supply Scheme", International Journal of Novel Research and Development (IJNRD), Pp 25-38.

## **2. National Journals**

1. Vibhute M.S. and Ullagaddi P.B., " Flood Routing by Finite Element Method", *Journal of Indian Society for Hydraulics*, Vol.3, No. 1, pp. 11-21, 1997.
2. Ullagaddi P B, "Study of Flow Safety in Dams Outlets" *Journal of The Institution of Engineers (India)*, Vol.84, November 2003, pp 171-175.
3. Mrs.V.R.Thool, .T.Srivastav, Mr.R.C.Thool & Mr.Ullagaddi P.B. , "Automation in Drip Irrigation" *The Institution of Electronics and Telecommunication Engineers [IETE], Agriculture Electronics*, Vol.20, No.3, May-June 2003, pp 205-210.
4. Ullagaddi P B and Padhye R D, (2010),"Backfill Drainage of Retaining Wall with Relieving shelves", *Journal of Indian Highways*, Pp 45-49.
5. Radke A S and Ullagaddi P B ,(2011), "Corrosion of Steel and Sustainable Industrial Growth ", *Journal of Indian Institute of Industrial Engineering*.
6. Patil B.S., Ullagaddi P.B and Jugati D.G, (2012) ,"Elements for Managing Time and Cost to Increase Quality in Indian Construction Industries" , *Journal of New Innovations*. ISSN:2277-4459, Feb, 2012 issue, Pp 40-45.
7. Nagaraj T.K.and Ullagaddi P.B. (2010), "Geotextile-Soil Friction Characteristics". *Indian Geotechnical Journal*, Indian Geotechnical Society, India.

8. B.S.Patil, Vishwanath V Siddanti, P B Ullagaddi, D G Jugati,(2011),”Amalgation of total Quality Management(TQM) and Knowledge Management (KM) Principles to Augment Organisational Excellence”, Journal of Science, Technology and Management, ISSN : 0974-8334, Vol.4, N0-3.
9. Kadakhbavi, B.I.K., Reddy, V.V., Ullagaddi, P.B.,(2012), "Effect of different percentages of waste High Density Polyethylene (HDPE) fibers on the properties of fiber reinforced concrete" ,Nature Environment and Pollution Technology, 11(3), pp. 461-468.
10. V S Pawar, P B Ullagaddi,(2015),"Water Budget of Manar River Basin Using Visual MODFLOW", Bulletin of Marathwada Mathematical Society, ISSN: 0976-6049, Vol.16, No-1, Pp 58-65.

- **Conference Papers:** Presentations at academic conferences.

### 3. International Conference

1. P.B.Ullagaddi and D.S.Hundiwala ,(1995), " Planning and Management of Water Conservancy Works", Second International Conference on Hydro-Science and Engineering (ICHE-95), China, Vol-II, Pp 12-17.
2. Darade S.A. and P.B.Ullagaddi, (1997), “Performance Evaluation of Five Major Water Treatment plants of Maharashtra Industrial Development Corporation”, *Third International Conference on Environmental Planning and Management, Nagpur*; Pp 204-210.
3. Ullagaddi P.B. and S.Satyanarayana", Quality of Ground Water as Influenced by an Industrial Effluents" *Third International Conference*, 29 Feb - 3 March 2000, held at Madya Pradesh.
4. Ullagaddi P.B., (2001),“Study of flow safety in dam outlets”, Third International Conference on Dam Safety Evaluations”, Indian Committee on Large Dams (INCOLD) and Central Board of Irrigation & Power(CBIP), ASIN: B007HG4OKC, December 2001. Panaji, Goa. Pp 429-435.
5. Pawar V S, and Ullagaddi P.B., (2000), “Sustainable cropping pattern with available land & Water Resource: A Case Study of Nanded District in Maharashtra”, Third International Research & Development Conference by Central Board of Irrigation & Power, Jaipur, MP, pp 190-191.
6. Pawar V S and Ullagaddi P.B.,(2006), “Water Budget of Manar River Basin : Using Visual MODFLOW”, International Conference on Nonlinear Systems: Modelling, Simulation and Applications, 19-22 December, Pp 70.
7. Padhye R D and Ullagaddi P.B. ,” Case Study of Failure of a R.C.C. Counterfort Retaining Wall “ Sixth International Conference on Case histories in Geotechnical Engineering and *symposium in honor of professor James k. Mitchell*, Arlington, VA (USA)-August 11-16, 2008 , Paper No. 2.05
8. Ullagaddi P B ,Radke A S and Tayde D V, “Repair of Corrosion Damaged Structure Using Vapour Phase Corrosion Inhibitor” Eleventh East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-11), “Building a Sustainable Environment” , November 19-21, 2008, Taipei, Taiwan.
9. Ullagaddi P B and Dhawale A W, “Remote Sensing & Geoinformation System Approach for monitoring and evaluation of watershed” International conference on “ Emerging Trends in Engineering” Pravara College of Engineering, Loni,22-22<sup>nd</sup> December 2008.
10. Radke A S and Ullagaddi P B , (2010), “Evaluation of vapour Phase Corrosion Inhibitor in Reinforced Concrete” Nirma University International Conference on “ Current Trends in Technology” NUiCONE-2010, December 2010, Ahmedabad, Gujarat, India.
11. Patil, B S and Ullagaddi P B, (2011), “ISO 9001 Implementation in Indian Construction Industries: An Exploratory Study”, International conference on Industrial Engineering (ICIE-2011), SaradarVallabhbbhai National Institute Technology, Surat, 17-19 NOV 2011.
12. Patil, B S, Ullagaddi P B and Jugati D G, (2012), “ An Investigation of Factors Impelling Effective and Continuous Improvement of Indian Construction Industries Quality Management Systems” IEEE International Conference on Advances in Engineering, Science and Management (IEEE-ICAESM 2012) Organized by EGS Pillay Engineering College, Nagapattinam - 611 002. ISBN:978-81-909042-2-3.

13. Ullagaddi P B and T.K.Nagaraj (2013), " Investigation on Geosynthetic Reinforced Two layer Soil System" , Seventh International Conference on Case Histories in Geotechnical Engineering, April 29 - May 04, 2013 , Pp-1-12 .
14. Andhale R N and Ullagaddi P B, (2017),"Evaluation of Water Resources Projects in Jalyukta Shivar Yojna", International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability , SGGS Institute of Engineering & Technology, Nanded,Maharashtra , India, ISBN : 978-93-86256-35-5, PP 143-146.
15. Sayali Pawar, Ullagaddi P B and Pawar V S,(2017),"Water Balance Study using Remote Sensing & GIS Techniques", International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability , SGGS Institute of Engineering & Technology, Nanded,Maharashtra , India, ISBN : 978-93-86256-35-5, PP 149-152.
16. Pawar V S, Ullagaddi P B and Sayali Pawar,(2017), " Sustainable Development of Ground Water : Study of MR 46 & MR 49 Using Visual Modelflow", International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability , SGGS Institute of Engineering & Technology, Nanded,Maharashtra , India, ISBN : 978-93-86256-35-5, PP 180-183.
17. Aswar D S and Ullagaddi P B and Ambadkar S D, (2021), " Electricity Resistivity Investigation for Dam Site" , 2<sup>nd</sup> International Conference on Machine Learning, Internet of Things and Big Data (ICMIB-2021) , December 19<sup>th</sup>-20<sup>th</sup> , 2021, Odisha

#### **4. National Conferences**

1. Ullagaddi P.B. and Chaudari D.S., "Facilities for Continuing Education for Engineering Manpower in India", *23<sup>rd</sup> Indian Society for Technical Education Convention held at KRCE, Suratkal, Karnataka State*, 1993
2. Magar R.B.and Ullagaddi P.B., "Effect of Probable Maximum Flood on Reservoir", *National Conference on Hydro-96, IIT, Kanpur, 11-13 Dec 1996*, pp. 47-52.
3. Pawar V.S.and Ullagaddi P.B., "Appropriate Management of Land Resource by it's Capability and Irrigability Classification: A Case Study of Nanded District", *National Workshop on Challenges in the management of water Resources and Environment in the next millenium-Need for Inter-Institute Collaboration, held at New Delhi, 8-9 October, 1999*, pp 242-247.
4. Ullagaddi P.B. and Nitin Mohite", Status of Kolhapur Type Weirs in Nanded District of Maharashtra State" *Technology Management Beyond - 2000*, 23-24 November 1999, pp 169-174.
5. Ullagaddi P.B., Holasambare D.G. and Shete U.D.", Status of Drip Irrigation in Maharashtra State", *Technology Management Beyond - 2000*, 23-24 November 1999, pp 179-183.
6. Pawar V.S., Ullagaddi P.B and Charpe P.S.", Conjective Water Use Planning: Feasibility Study for Nanded District in Maharashtra " *Technology Management Beyond - 2000*, 23-24 November 1999,
7. Ullagaddi P.B, S.Satyanarayana and Gawai A.A."Quality of Ground Water as influenced by industrial effluents" *National Conference on Pollution: Impacts & its Remedial measures* held on 26. November 2001. Pp 16-19.
8. Mrs.V.R.Thool, .Mr.R.C.Thool, Mr.Ullagaddi P.B. &T.Srivastav, "Automation in Drip Irrigation" National Seminar on *Sensors and Instrumentation*, 5-6 January 2002. Paper 45.
9. Padhye R D and Ullagaddi P B," Retaining Wall with Pressure Relief Shelf: Review of Study", All India Seminar on Advances in Geotechnical Engineering (AGTE 2005), January 22-23, 2005, National Institute of Technology, Rourkela, Pp 62-68.
10. Pawar V S, Ullagaddi P B, & Dr. Vishwakarma S C, "Evaluation of Water quality for Manar River Basin 46 & 49 ", National Seminar on Technical Education Technology Transfer to Rural India & Sustainable Development, 4-5 March 2006.
11. Dhawale A W and Ullagaddi P B , (2006)," Use of Geographical Information System (GIS) & Remote Sensing (RS) for Effective Watershed Management : An Overview", InfraCE-2006, National Seminar & Conference on Fast Track Development of Infrastructure in Civil Engineering, 12-13 August 2006,

Nasik.

12. Pawar V S and Ullagaddi P B, "Application of Visual MODFLOW in assessment of water potential in Manar river", National Conference on Emerging Technologies and Application ETA, 1,2 October 2006.
13. Pawar V S and Ullagaddi P B, "Study of water availability of potential of Manar river Basin" National Conference on Meeting Challenges of Tomorrow (CEMCT 2006) Guru Nanak Deo Engineering College, Ludhiyana, Panjab. 24-25 November 2006, pp 630-636.
14. Pawar V S and Ullagaddi P B, "Conjunctive Use of Surface & Ground Water in Manar River Basin : Using Visual MODFLOW", National Conference on Hydraulics 2006 (HYDRO-2006), 8-9, December 2006. Pp 190-197.
15. Nagaraj T.K and Ullagaddi P B ,(2010), "Experimental Study on Load Settlement Behaviour of Sand Foundation", Indian Geotechnical Conference-2010 GEOTrendz, Dec 16-18, 2010.
16. Nagaraj T.K and Ullagaddi P.B., (2010), "*Geosynthetic properties and their evaluation methods-An overview*". National Conference on "Civil Engineering Construction for sustainable development", Department of Structural Engineering, B V M College of Engineering, Anand, Pp. 1-18.
17. Radke A S and Ullagaddi P B, (2011), "Corrosion of Rebars and Durability of RC Structures", National Conference on "Emerging Trends in Engineering & Technology (NCETET-2011), March 2011, Mumbai, India.
18. Dhawale A W and Ullagaddi P B, (2011), "Evaluation and Monitoring of Microwatershed using Remote Sensing(RS) Approach", National Conference on "Water for Future (NCWF-2011), Department of Civil & water Management Engineering, Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra, India., 25-26 February 2011.
19. Padhye R. D. and Ullagaddi. P. B.,(2011)," Analysis of Retaining Wall with Pressure Relief Shelf by Coulomb's Method", Indian Geotechnical Conference-2011, Dec 15-17, 2011.
20. Nagaraj T.K and Ullagaddi P.B., (2011), "Bearing Capacity Ratio of Soil by Dynamic Cone Penetration Test and Direct Shear Test", Indian Geotechnical Conference-2011, Dec 15-17, 2011, Vol 1, Paper No-B-009.
21. Padhye R D and Ullagaddi P B, (2011), "Dry Water - A New Form of Water" National Conference on Water for Future, Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Pp-305-307 .
22. Nagaraj T.K and Ullagaddi P.B., (2012), "Horizontal Pipe Jacking Below A Railway Track : A Case Study", Indian Geotechnical Conference, 13-15 Dec 2012, Delhi , Pp 496-499.
23. Patil, B S, Ullagaddi P B and Jugati D G, (2012), "The Association of Organizational Culture and the Implementation of QMS (ISO: 9001) in Construction Firms" National Conference on Emerging Trends in Engineering, Technology & Architecture NCETETA 2012 D. Y. Patil College of Engineering & Technology Kasaba Bawada, Kolhapur, Maharashtra, India – 416006. ISBN: 978-81-920561-1-1.
24. Patil, B S, Ullagaddi P B and Jugati D G, (2012)," Total Quality Management in Exercise " Pinnacle 2012 – National Research Conference on "Innovative Paradigms in Contemporary Management " January 28, 2012.
25. Patil, B S, Ullagaddi P B and Jugati D G, (2012), "Elements for Managing Time and Cost to Increase Quality in Indian Construction Industries" NISTM-12, 1st National Conference on "New Innovations in Science, Technology and Management", 28th February, 2012. Rattan Institute of Technology & Management, PALWAL, Haryana.
26. Aslam Khan and Dr . P B Ullagadi, (2021)," Response Spectrum Analysis of Soft Story RC Building" , 4th National Conference Recent Developments in Science ,Engineering and Technology (Online), July 14, 2021, Organized by Mukund Education Society's Sanmati Engineering College Washim and in association with International Journal of Analytical and Experimental Modal Analysis (IJAEMA).

## 6. Awards and Honors

- **Grants:** Research grants or funding received from organizations.

Sr. No	Client / Organisation's name	Nature of project	Duration of project	Amount of grant (Rupees)
01	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded (MS) Research Project sponsored by AICTE	Experimentation for Determination of Pressure behind the Retaining Wall with and without Reliving Shelf	3 years	7.5 Lakhs

- **Awards:** Academic awards or recognitions (e.g., Best Paper, Teaching Excellence).
- **Fellowships:** Prestigious fellowships or memberships in scholarly societies.

## 7. Professional Experience

- **Administrative Roles:**

Sr. No	Post Held	Organization	Nature of Duties	Experience (In Year and Month)
1	Advisor-II	All India Council for Technical Education, New Delhi	Administration	03 Years 01 Month
2	Dean (Planning)	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra. (Govt. Aided Autonomous Institute)	Administration	4 Years 03 Months
3	Professor	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra. (Govt. Aided Autonomous Institute)	Teaching, Research & Administration	19 years 04 months
4	Head of Civil Engineering Department in the institute	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra. (Govt. Aided Autonomous Institute)	Teaching, Research & Administration	4 years

- **Consulting Work:** Actively involved in the consultancy works of private and government projects.

## 8. Supervision and Mentoring

A - Supervised 10 Ph.D scholars

Sr.No	Student	Thesis title	Period of Guideship	Name of University	Ph D awarded in
01	PAWAR V S	Ground Water Use Planning for Catchment Area of Manar River	2004-2007	Swami Ramanand Teerth Marathwada University, (SRTMU) Nanded	2007
02	PADYE R D	Analysis and Design of Retaining walls with Pressure Relief shells	2006-2009	SRTMU,Nanded	2010
03	DHAWALE A W [Jointly with Dr.Y V N Krishnamurthy]	Watershed Management in Semi-Arid Rainfall Zone	2007-2011	SRTMU,Nanded	2012
04	RADKE A S	Rebar Corrosion in Concrete: Some Studies	2007-2011	SRTMU,Nanded	2012
05	KHADAKBHAVI B I [Jointly with Prof.V. Venkateswara Reddy JNTU, Hyderabad]	An Experimental Investigation on the Effect of Addition of Waste High Density Polyethylene(WHDPE ) Fibers in Concrete	2006-2011	Jawaharlal Nehru Technological University, Anantpur, Andra Pradesh	2012
06	NAGARAJ T K	Investigation on Geo-Synthetic Reinforced Two Layer Soil System	2008-2012	SRTMU,Nanded	2013
07	PATIL B S	Implementation of Total Quality Management: An exploratory study of Indian construction Industries	2008-2012	SRTMU,Nanded	2013
08	ASWAR DINESH	Geo-modelling for	2010-	SRTMU,Nanded	2019



	S	Dam Foundation Substratum	2018		
09	ANAND SHRIGONDEKAR	Bearing Capacity Analysis of Granular Soil with Geogrid	2018-2021	SRTMU, Nanded	2022
10	SAYALI VIJAY PAWAR	Groundwater Modeling for Sustainable Management of Water Resources in Drought Prone Area - A Case Study of Micro watersheds 4E3B3k4 and 4E3C2j2	2019-2022	SRTMU, Nanded	2023

## B – Supervised 54 M.Tech dissertations

M.Tech Civil Engineering (Water Management) dissertations (Supervised)

1. SHETE U D (1995)(Jointly with Dr. D G Holsambre, WALMI, Aurangabad),  
Status of Drip Irrigation in Maharashtra State
2. PADAMWAR B M (1995)  
Irrigation Water Management: A Case Study of Vishnupuri Project
3. MAGAR R B (1996),  
Effect of Probable Maximum flood on reservoir
4. VIBHUTE M S (1996),  
Flood Routing by Finite Element Method
5. DARADE S A (1996),  
Performance Evaluation of Five major Water Treatment Plants of Maharashtra Industrial Development Corporation
6. K USHA RANI (1997),  
Effect of Impure Water on Consolidation
7. C.NAGESWAR RAO (1997),  
Dynamic Programming Approach to Optimal Operation of Singapur Reservoir
8. PAWAR V S (1997),  
Land Use Capability: A Case Study of Nanded District
9. S STYANARAYANA (2000),  
Effect of Industrial Effluent on Quality of Ground Water: A Case Study of Vishakhapatnam Industrial Estate
10. JOSHI N R (1999),  
Application of Artificial Neural Network in Flow through Porous Media
11. NITIN MOHITE (2000),  
Status of Kolhapur Type Weirs in the Marathwada Region of Maharashtra State
12. KHADAKBHAVI B I (2001), (Jointly with U S Hampannavar),  
Environmental Impact Assessment of Water Resources Projects in Godavari River Basin
13. SAWARGAONKAR A V (2002)  
Application of Remote Sensing & GIS in Watershed Management

14. SWAMI B S (2005) ,  
Pumped storage Scheme: A Case Study of Koyna Power Project
15. BAHETI N J (2006),  
Study of Turbulent Shear Flow over Surface Mounted Obstacles
16. RAJIV H PAZARE (2004),  
Integrated Water Management System
17. CHAUDHARY N D (2003),  
Study of flow profiles in Canal for unsteady flow conditions
18. KAWADEKAR R V (2006),  
Optimal Operation of Multipurpose Reservoir for Irrigation via Differential Evolution Algorithm
19. ZADE V R (2008),  
Water Allocation Modelling for Part of Godavari River Basin Using Remote Sensing and GIS :  
A MIKE Basin S/W Approach.
20. SAYANKAR C S (2007),  
Application of DEM and Deriving Hydrological Parameters using Remote Sensing  
& GIS Technology
21. KULKARNI D Y (2011),  
Ground Water Quality Assessment of Parabhani Region (Maharashtra)
22. SHILPA BIRADAR (2011),  
Development and Evaluation of Low-Cost Drip Irrigation at Micro-Level.
23. PAWAR SAYALI (2017)  
Estimation of Ground Water Potential zone using Remote Sensing and GIS Techniques
24. ANDHALE RAGHUNATH (2017)  
GIS integration to monitor the irrigation projects : case study
25. DHARGAVE RITIKA A (2017)  
Comparison of Different Methods for Determining Water Balance of Watershed
26. SHINDE PRAVINKUMAR BALAJIRAO (2017)  
Design and Analysis of Water Distribution Network using WaterGEMS
27. KOMAL S PAWAR (2018)  
Parametric Study of Hydraulic Jump on Slopping Channel
28. BANSODE PRITI BALIRAM (2018)  
An Efficient Algorithm of Modeling & Estimation of Ground Water Fluctuation
29. CHAUDHARI ASHWINI SURESH (2019)  
Turbulent Flow Characteristics in Braided Rivers
30. ASHISH CHAVAN (2019)  
GIS Database Creation for Satellite Image Classification Based on Spectral Values
31. MADHURI BHIMRAO KAWALE (2019)  
A method of Ground water Quality Assessment based on Fuzzy Network- CANFIS and GIS
32. NAIK PRACHI JAIKRUSHNA (2020)  
Climate Change Impact on Tropical Cyclone
33. WAGHMARE SUVARNA SHIVAJI (2020)  
Zero Liquid Discharge from Residential Building
34. KENDRE VANITA DIGAMBAR (2021)  
Identification of Groundwater Potential Zones Using Remote Sensing And GIS
35. ABHIJIT M. WAGHRE (2021)  
Evaluation of Pipe Distribution Network System: A Case Study of Lingoor Branch Canal, Sangli
36. BAKAL BHAGYASHRI GANESH (2021)

Morphometric Analysis of a Drainage Basin Using Geographical Information System: A Case study

37. DUDHALE SANDHYA SIDRAM (2022)  
372 villages Gangapur - Vaijapur grid water supply scheme

### **M.Tech Civil (Structural Engineering) dissertations (Supervised)**

38. NIKHIL MADHUKAR SONSALE (2019)  
Seismic Performance Evaluation for Staging of Elevated Tank
39. SYED AAMER (2019)  
Dynamic Analysis of Medium Rise RCC Frame Buildings with Plan Irregularities"
40. SUBHAM BAGLE (2019)  
Analysis and Behaviour of Reinforced Concrete Slender Buildings
41. KRUPANJALI SHARAD BHANGE (2019)  
Optimum Design of Distillery Structure for Sugar Factory
42. SUBHAM SHRIKRISHNA BAGLE (2020)  
Analysis and Behaviour of Reinforced Concrete Slender Buildings
43. NIKHIL MADHUKAR SONSALE (2020)  
Seismic Performance Evaluation for Staging of Elevated Tank
44. SYED AAMER (2020)  
Dynamic Analysis of Medium Rise RCC Frame Buildings with Plan Irregularities
45. ABDUL WASEY ABDUL WAHAB (2021)  
Dynamic analysis and comparative study of Multi storey building with different types of Bracing System.
46. HAMED KHAN ASLAM KHAN (2021)  
Response Spectrum Analysis of Soft Storey in RC Building
47. ASHWINI NAIK (2022)  
Comparative Assessment of Flat Slab Building with Shear Wall and Bracing System for Different Building Heights
48. SHAIKH AASEF SHAIKH NISAR (2022)  
Seismic analysis of a multistoried building with configuration of floating columns
49. BHAGYASHREE KAKADE (2022)  
Emulative design and seismic response of precast column-foundation connections
50. POOJA SHIRADHONKAR (2022)  
Dynamic Analysis of Existing Railway Bridges with increasing Speed of Train
51. SHIVHAR V MALGE (2023)  
Design of Composite Slab Using Grillage Analogy Method
52. GAURAV V KULKARNI (2023)  
Structural Analysis and Design of Narrow Based Lattice Transmission Tower
53. GAJANAN M KULKARNI (2023)  
Design and Analysis of onshore tall Wind Turbine
54. AMOL C SIRSAT (2023)  
Experimental Study on Engineered Cementitious Composites

### **9. Professional Memberships**

1. Indian Society for Technical Education, New Delhi. [LM15497]
2. Indian Society for Continuing Engineering Education. [LM0172]

3. Indian Water Resources Society.
4. Indian Society for hydraulics.

[LM-95-4735]  
[LM/95/162]

## **10. Miscellaneous**

- **Languages:** Languages spoken- Hindi, Marathi, English and Kannada.