



BIO-DATA

PERSONAL INFORMATION

Full Name:	WAIKAR MILIN LAXMANRAO		
Designation:	Professor Department of Civil and Water Management Engineering, SGGS Institute of Engg. & Tech., Nanded. (M.S.) 431606		
Date of joining:	25/6/1986	Date of birth:	05/02/62
Local address:	Flat No. 204, Vakratunda Apts, Vivek Nagar, Nanded. Pin 431605	Permanent address:	Flat No. 204, Vakratunda Apts, Vivek Nagar, Nanded. Pin 431605
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EDUCATIONAL QUALIFICATIONS

S N		Institute	University/ Board	Year	%tage	Class	Remarks/ Specialization
1	SSC	Nutan Vidya Mandir, Parbhani	MSS&HS Div. Board, Aurangabad	1977	79.5	Distinction	National Merit Scholarship
2	HSC	Nutan Mahavidyalaya, Selu	MSS&HS Div. Board, Aurangabad	1979	69.5	First	National Merit Scholarship
3	BE (Civil)	Govt. College of Engg., Aurangabad.	Marathwada University, Aurangabad	1983	64	First	National Merit Scholarship
4	MTech (Civil)	IIT, Kharagpur	IIT, Kharagpur	1985	CGPA 8.17	Distinction	GATE Scholarship of MHRD, GOI.
5	Ph. D.	University of Roorkee, Roorkee	University of Roorkee, Roorkee	1999	--	---	QIP Fellowship of MHRD, GOI.

Details Ph. D. Thesis

	Title	Field/Area	Guide
Ph D	Capacity expansion of a water resources system	Computer applications in Systems engineering	Prof. D.K. Srivastava

EMPLOYMENT DETAILS

S N	Institute	Post	From	To
1	SGGS College of Engg. & Tech., Nanded.	Lecturer(Adhoc)	March 1986	June 1986
2	SGGS College of Engg. & Tech., Nanded.	Lecturer(Regular)	26 th June 1986	15 th July 1993
3	SGGS College of Engg. & Tech., Nanded.	Assistant professor (Civil Engg)	16 th July 1993	16 th July 2001
4	SGGS College of Engg. & Tech., Nanded.	Professor (Civil Engg)	16 th July 2001	Till to date
4a	SGGS College of Engg. & Tech., Nanded.	Professor and Head (term 1) (Civil Engg)	28/06/2007	26/04/2009
4b	SGGS College of Engg. & Tech., Nanded.	Professor and Head (term 2) (Civil Engg.)	07/10/2013	June 2015
4c	SGGS College of Engg. & Tech., Nanded.	Dean (Academic)	13/08/2016	28/11/2018

LIST OF PUBLICATIONS

1. B.B.Chopane, B.M.Naik, **M.L.Waikar** (1988). Challenges in Technical Manpower Planning and Development. Journal of Engineering Education, Vol.2, No. 1, pp9-19.
2. B.M.Naik, **M.L.Waikar** (1988). Opportunities for engineers. Journal of Engineering Education, Vol.3, pp5-10.
3. B.M.Naik, **M.L.Waikar** (1989). Problems and Prospects of Hi Tech. Journal of Engineering Education, Vol.2, No.3 pp41-46.
4. B.M.Naik, **M.L.Waikar** (1988). Training and development of Engineering professors:new approaches. Technical Papers. Vol.II. ISTE XVIII National convention, Pune, pp D-1, D-8.
5. B.M.Naik, **M.L.Waikar** (1989). Zero based budgeting. Journal of Institution of engineers (India). Abstracted paper. Annual paper meeting of production engineering division (Sept.25-27,1989)
6. **M.L. Waikar**, P.D. Dahe (Mar. 1989). *Technology Forecasting – Its relevance to analysis of irrigation projects*. National Seminar on Hi-Technology, Aurangabad.
7. B.M.Naik, **M.L.Waikar**, P.D.Dahe (Dec. 1989). *Foreign Collaborations-Role of Technical Institutes*. ISTE XIX National Annual Convention, Sri Venkateswara University College of Engineering, Tirupati.
8. **M.L. Waikar** (1998). *Optimal Capacity Expansion and Sequencing*. Lecture note for a specialized course, Deptt. of Continuing Education, University of Roorkee, Roorkee.
9. **M.L. Waikar** (1998). *Capacity expansion and sequencing of multireservoir system*. Lecture note for a specialized course, Deptt. of Continuing Education, University of Roorkee, Roorkee.
10. **M.L.Waikar** (Dec.2000). *Simulation Model for operation of a Multireservoir System*. Proceedings of International Conference on Nonlinear Systems: Modelling, Simulation and Applications.pp123-134, Deptt. of Mathematics, NES Science College, Nanded.
11. **M.L.Waikar**, S. Naigaonkar(2001). *An overview of options for sanitation*. Proceedings of National Conference on Pollution: Impact and Emerging Remedial Measures. pp20-25. Gramin Polytechnic, Nanded.
12. **M.L.Waikar**, S.S. Kashid (2002) A DBMS program for operation of a Multireservoir system. Proceedings of National ISH conference ‘HYDRO-2002’ held at IIT, Bombay (India), Nov.2002.
13. **M.L.Waikar**, S.S.Kashid, D.K.Srivastava (2004) *Simulation of Reservoir operation using a DBMS program* Proceedings of international conference on Advanced Modeling Techniques for Sustainable Management of Water Resources’ (AMTSMW-2004), pp 141-147, held at NIT, Warangal (India), Jan.2004. Allied Publishers Pvt. Ltd.
14. **M.L.Waikar**, D.K.Srivastava, S.K.Zade(2004), *A Generalised Discontinuous Dynamic Programming Modeling Approach*. Proceedings of International Conference on Advanced Modeling Technique for Sustainable Management of Water Resources’ (AMTSMW-2004), pp 200-207, held at NIT, Warangal (India), Jan.2004. Allied Publishers Pvt. Ltd.
15. **M.L.Waikar**, R.S.Tatwawadi (2004), *A Framework for Benchmarking of Irrigation systems in Maharashtra State*. Proceedings of International Conference on Advanced Modeling Technique for Sustainable Management of Water Resources’ (AMTSMW-2004), pp 186-190, held at NIT, Warangal (India), Jan.2004. Allied Publishers Pvt. Ltd.
16. **M.L.Waikar**, S.Dhoot (2004) *Rescheduling of Vishnupuri Irrigation Canal*. Proceedings of International Conference on Hydraulic Engineering: Research and Practice,(ICON-HERP-2004) Vol.II, pp590-602 held at IIT, Roorkee (India), Oct. 26-26, 2004.
17. **M.L.Waikar**, S.S.Kashid, D.K.Srivastava (2005) *Simulation of reservoir operation of a complex water resources system* Proceedings of the International Conference on Hydrological Perspectives for Sustainable Development (HYPSED - 2005) Vol. II, pp631-641, University of Roorkee(India), Feb.2005. Allied Publishers Pvt. Ltd.
18. **M.L.Waikar**, S.Dhoot (2005) *Evapotranspiration studies for Vishnupuri Irrigation Project*. *ISH Journal of Hydraulic Engineering*. Vol.11, No.2-Sept.-2005, pp132-145.
19. **M.L.Waikar**, N. Sonaje (2006). *Modeling of Precipitation –Runoff using NRCS method and Mathcad*. Journal of Shivaji University (Sci. & Tech.), 40, pp75-85, 2006.
20. **Waikar M. L.** and Tatwawadi R. S. (2007) “Standardised Gross Value of Financial Indicators for Benchmarking Irrigation Projects”, National Conference on “Advance Modelling Technique – 07” Jawaharlal Institute of Technology, Borawan, Khargone (M.P.).
21. **M.L. Waikar**, R.S. Tatwawadi (2007). *Use of Standardised Gross Value of Indicators for Benchmarking of Irrigation projects*. Proceedings of 6th International R & D conference, Central Board of Irrigation and Power, 13-17 Feb. 2007, Lukhnow, Uttar Pradesh (India).
22. Shinde, H.H., **Waikar, M. L.** (2007). “Water Quality Status of the Upper Godavari Sub Basin”. Proceedings of National Conference on Emerging Trends in Engineering & Technology, FRONTIER-2007, organized by Janata Shikshan Prasarak Mandal’s, Babasaheb Naik College of Engineering, Pusad. (M.S.), December 17-18, 2007, pp 332-340.
23. Shinde, H. H. **Waikar, M. L.** (2008). “A Framework for Benchmarking of Water Quality of Upper Godavari Sub-basin” Proceedings of National Conference On Sustainable Water Resources Development and Management(SWRDAM-2008), held in Government College of Engineering, Aurangabad (M. S.), June 13-14, 2008, pp 24-33.(Published by EXCEL INDIA PUBLISHERS, 61/28, Dalpat Singh Building, Pratik Market, Munirka, New Delhi-110067).

24. Shinde, H. H., **Waikar, M. L.** (2008). "Surface Water Quality Mapping For Upper Godavari Subbasin" Proceedings of Third International Conference on "Water Quality Management", Co-sponsored by International Water Resources Association, Organized by Central Board of Irrigation & Power and Geographical Committee of the International Water Resources Association (India), held in Nagpur (Maharashtra), India, from 6-8 February 2008, pp 267-278. Published by Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021.
25. **Waikar, M. L.**, Tatwawadi R. S. (2008). "Standardized Gross Value of Indicators for Benchmarking Irrigation Systems", Proceedings of National Conference On Sustainable Water Resources Development and Management (SWRDAM-2008), held in Government College of Engineering, Aurangabad (M. S.), June 13-14, 2008, pp 24-33.(Published by EXCEL INDIA PUBLISHERS, 61/28, Dalpat Singh Building, Pratik Market, Munirka, New Delhi-110067).
26. N. P. Sonaje and **M.L.Waikar** (2009). Application of MATHCAD for Hydrological Analysis Using Kostikov's Method. *Asian Journal of Chemical and Environmental Research*, Vol. 2(1-2), pp57-63, *Januray-April* (2009).
27. N. P. Sonaje and **M.L.Waikar** (2009). Application of MATHCAD for Hydrological Analysis Using Natural Resources Conservation Service Method. *Journal of Indian Water Works Association*, Vol.XXXI (2), pp136-143, *April-June* (2009).
28. **M.L. Waikar**, C.L. Jejurkar, N.H.Kulkarni (2011), A Case Study on Infiltration Models for Varying Land Cover, Proceedings of National Conference on water for future held at SGGI Institute of Engg. & Tech., Nanded (M.S.) 25-26 Feb., 2011, pp282-286.
29. **M.L.Waikar**, Ajay Chavadekar (2014). Investigation on Change Detection in Chandpur (M.S.) Watershed area by using RS and GIS. *International journal of Multidisciplinary and Current Research*, ISSN: 2321-3124, Vol.2, pp118-120, 15 jan 2014.
30. **M.L.Waikar**, Aditya P. Nilawar (2014). Morphometric Analysis of a Drainage Basin using Geographical Information System: A Case study. *International journal of Multidisciplinary and Current Research*, ISSN: 2321-3124, Vol.2, pp179-184, 20 Feb. 2014.
31. **M.L. Waikar**, G.T.Chandakar (2014). Estimation of Curve Number for ASNA River Basin Using Remote Sensing and GIS. *International journal of Emerging technologies and applications in engineering, technology & sciences (IJ-ETA-ETS)* ISSN: 0974-3588, Vol.2, pp36-40, January-June (2014).
32. **M. L. Waikar** and M A Somwanshi (2014) Data Preparation for Assessing Impact of Climate Change on Groundwater Recharge, *International Journal of Innovative Research in Advanced Engineering (IJRAE)* Volume 1 Issue 4, pp15-21, May 2014. ISSN: 2349-2163.
33. **M.L.Waikar** and Aditya P. Nilawar (2014) Identification of Groundwater Potential Zone using Remote Sensing and GIS Technique, *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 3, Issue 5, pp 12163-12174, May 2014 ISSN: 2319-8753.
34. U.D.Kulkarni and **M.L.Waikar** (2014) Systems Approach to Management of Tanks Proceedings of CBIP New Delhi conference on reforms in irrigation management, Bangalore, 30-31 Oct. 2014.
35. **M.L.Waikar** and Aditya P Nilawar (2014) RS GIS based Change Detection for Ground Water Prospecting. *International conference on Climate change*, IIT Hyderabad, 28-29 Dec. 2014.
36. Aditya P Nilawar and **M.L.Waikar** (2015) RS and GIS approach for prospecting various parameters of small watershed. Proceedings of IWWA National Conference on Water Conservation and Rainwater Harvesting held at IIT Mumbai 14-15 March 2015.
37. **M.L. Waikar** and Anurag Dhole (2015) Electrocoagulation using Iron electrodes *Journal of Civil Engineering and Environmental Technology*, Vol.2 , ISSN: 2349-8404, April-June- 2015.
38. **M.L. Waikar** and Namita Undegaonkar (2015) Urban Flood modeling by using EPA SWMM 5, SRTMU's Research *Journal of Science*, Vol 1 pp73-82, ISSN: 2277 – 8594, 2015.
39. Aditya P Nilawar and **M.L.Waikar** (2017) Satellite Image Based Change Detection and NDVI Approach for Watershed, *SRTMU's Research Journal of Science*, Vol 5 pp 94, ISSN: 2277 – 8594, 2017.
40. R.S. Tatwawadi and **M.L.Waikar** (2017) Standardised Gross Value of Indicators: A Realistic Approach for Benchmarking Irrigation System, *SRTMU's Research Journal of Science*, Vol 5 pp 92, ISSN: 2277 – 8594, 2017.
41. Shendker M and **Waikar M.L.** (2017) .Comparative study on RC frame structures with SIM infill and URM infill, *IJSRD* Vol. 5, Issue 06, 2017 | ISSN (online): 2321-0613
42. Saurabh Kathale, **M. L. Waikar** , Raju Deshmukh. (2017) Graphical Interpretation of Ground Water Quality and Its Suitability for the Domestic and Agricultural Purpose in Nanded Tehsil.*International Journal of Innovative Research in Science, Engineering and Technology* Volume 6, Special Issue 1, January 2017. ISSN 2319 – 8753.
43. Nilawar, A.P., Calderella, C.P., Lakhankar, T.Y., **Waikar, M.L.**, Munoz, J., 2017. Satellite Soil Moisture Validation Using Hydrological SWAT Model: A Case Study of Puerto Rico, USA. *Hydrology* 4, 45
44. A.P. Nilawar, **M.L. Waikar**, N Deshmukh P.D. Dahe.(2017) An Overview of Rainfall Runoff Hydrological Models *Journal of Indian Water Works Association*. 2017, 273-280, 49(4).
45. A.P. Nilawar, and **M. L. Waikar**.(2018) " Use of SWAT to determine the effects of climate and land use changes on streamflow and sediment concentration in the Purna River basin, India" *Environ Earth Sci* (2018) 77: 783.

46. A.P. Nilawar, and **M. L. Waikar**.(2019) "Impacts of climate change on streamflow and sediment concentration under RCP 4.5 and 8.5: A case study in Purna river basin, India." Science of The Total Environment 650 (2019): 2685-2696.
47. A.S. Pathan and M. L. Waikar(2018). “ precipitation intensity- duration-frequency curves under changing climate on developing urban catchment-Aurangabad (MS), India 2nd Int. Conf. on Advanced Technologies for Societal Application, Springer, 3: 77.

LIST OF BOOKS

- 1 M.R.Shendkar and **M.L Waikar**. (2017) Seismic performance of RC frame structures with SIM and URM infill, e-book GRIN open publication, Germany ISBN: 9783668521551
- 2 M.R.Shendkar and **M.L Waikar** (2017) Seismic Behavior of RC frames with SIM and URM infill. ISBN-13: 978-6202075411 Lambert Academic Publishing..
- 3 Harshavardhan Sule-Patil and **M.L Waikar** (2017) Seismic Performance and Design of Elevated Metro bridges ISBN-978-620-2-01628-5 Lambert Academic Publishing.
- 4 A.P. Nilawar and **M.L Waikar** (2018) Hydro-Geomorphological Study of Watershed Using RS and GIS Approach ISBN- 978-620-2-00556-2 Lambert Academic Publishing.
- 5 Ramchandra Tatwawadi, **M.L.Waikar** (2018) Benchmarking for Performance Evaluation of Irrigation System ISBN 978333035053 Lambert Academic Publishing.

LIST OF SEMINAR/CONFERENCE ORGANISED

1. Organizing Secretary, National Conference on 'TEQIP-II : Best policies and Practices', 10-11 Jan 2014
2. Organizing Secretary, One day seminar on '24x7 metered water supply: feasibility and raising finance' 19/5/2014.
3. Organizing Secretary, Workshop on Global Mapper Software on 9th to 11th March 2016
4. Organizing Secretary, **International Conference** on ‘Technological Advances in Climate Smart Agriculture and Sustainability’ (TACSAS 2017) January 16-18, 2017.

LIST OF SHORT TERM COURSES/SEMINAR/CONFERENCE ORGANISED

1. “Systems Engineering: Techniques and Applications”, 18-28 June, 2000. Specialized ISTE approved self-financing course.
2. “Computer Applications in Systems Engineering”, 21st May to 3rd June 2001 Techniques and Applications” 18-28 June, 2001. Specialized ISTE approved self-financing course.

No. of Ph.D. Students Completed: 04, Presently Registered: 07

Sr. No.	Name of the Candidate	Title of the thesis	Status
01.	Mr. Tatwawadi R.	Benchmarking of irrigation projects in Maharashtra (2007)	Completed
02.	Mr. Shinde H.S.	Benchmarking of Godavari River basin water quality(2008)	Completed
03.	Mr. Sonaje Nitin	Use of Information System for modeling of infiltration in rainfall – runoff relation (2008)	Completed
04.	Mr. U.D.Kulkarni	Systems Approach to Management of Tanks (2014)	Completed

PROJECTS UNDERTAKEN

Sr. No.	Funding Agency	Title of the Project	Funds Received	Status	Year
1	Ministry of Human Resources Development, Govt. of India.	Modernization of Hydraulics Laboratory	Rs. 7.50 lakhs	Completed	1993
2	Ministry of Human Resources Development, Govt. of India.	Software Application & Development in water resource management	Rs. 10.00 lakhs	Completed	1993
3	Ministry of Human Resources Development, Govt. of India.	Modernisation of Irrigation Laboratory	Rs. 7.5 lakhs	Completed	2000
4	Ministry of Human Resources Development, Govt. of India.	Modernization of Departmental Computer Laboratory	Rs. 8.00 lakh	Completed	2009

5	Department of Science & Technology, Govt. of India, New Delhi	DST FIST College level (Establishment of Regional Monitoring for Water Quality of water bodies	Rs. 80.00 lakh	Completed	2012-2017
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MEMBERSHIP OF PROFESSIONAL BODIES.

S N	Organization	Type	Number
1	Indian Society for Technical Education, New Delhi	Life	LM 2143
2	Indian Water Resources Society, Roorkee	Life	LM 4450
3	Indian Water Works Association, Mumbai	Life	LM 3140
4.	Indian Society for Hydraulics, Pune	Life	LM 510
5.	International Association for Hydrological Sciences, USA	Annual	--
6.	Institution of Engineering and Technology, UK	-	1130329862

OTHER CORPORATE ACTIVITIES

University Nominee on Building Committees of various Colleges for SRTMU, Nanded.
 Recognized PG Teacher and Research Guide for SRTMU, Nanded and Shivaji University, Kolhapur.
 RRC member for Civil Engineering North Maharashtra University, Jalgaon. (2011-13)
 RRC member for Civil Engineering Govt. College of Engineering, Aurangabad. (2011-14)
 DFB member for Civil Engineering Govt. College of Engineering, Aurangabad
 Chancellor's Nominee on Building and Works Committee, SRTMU, Nanded. (2013-2018)
 Founder Secretary of ISTE Chapter, SGGSI&T, Nanded
 Former Vice President, SGGI Employees Credit Cooperative Society.
 Co-ordinator, BOG Meetings (Preparation of BOG Agenda papers, Action Taken Reports, Minutes and other arrangements for the smooth conduct of Meetings) upto 2008.
 Expert Member on NBA (AICTE) Committee
 Expert Member on WRC (AICTE) Committee for New Engineering and Management Courses
 BOS Member, MMS (Water and land Management) Course at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (2013)
 Chairman, Ad-hoc BOS for faculty of Civil Engineering, SRTM University, Nanded (2015-2017) and (2018-2020)
 BOS member and RRC member for faculty of Civil Engineering, SGB Amravati University, Amravati (2017 onwards)

LIST OF STTP COURSES ATTENDED

1. ISTE Summer School on Water Quality Assessment In Rivers. Environmental Technology Centre, Deptt. of Civil engineering, SJCE, Mysore. 9th May to 22nd May 1988.
2. ISTE Winter School Application of Remote Sensing to Environmental Studies. S. G.S. Institute of Technology And Science, Indore. 24th Oct. to 5th November 1988.
3. OIP Four week course on Computer Applications Organized at the Govt. College of Engineering, Pune, From 16-12-91 to 11-01-92.
4. ISTE Summer School Water Resources Planning & Management Organized by Water & Environment Division Department of Civil Engineering Regional Engineering College, Warangal, Andhra Pradesh. 11 - 23 May 1992.
5. Management Orientation Programme Short –Term Training Course on Project Management. IIPA, Training division, Deptt. of personnel & A.R., ministry of Home Affairs, GOI., January 11 to January 16, 1993.
6. Investigation, Planning and Operation of Multipurpose Reservoirs – A Computer Aided Design Approach., Deptt. of Continuing Education, University of Roorkee, Roorkee. Period 6th June to 17th June, 1995.
7. Computer Aided Hydrologic Data Processing, Analysis and Design for Surface Water Projects., Deptt. of Continuing Education, University of Roorkee, Roorkee. Period 13th Oct. to 21st Oct., 1995.
8. Short term intensive course on java programming (core and advanced), , SGGI college of Engineering and Technology, Nanded, 19/1/2001 to 5/3/2001
9. Neural network and fuzzy logic: theory and applications, , SGGI college of Engineering and Technology, Nanded. 11/6/2001 to 23/6/2001

10. ISTE STTP on Mobilization of Financial Resources in Technical Institutes by Industry-Institute Interaction. ISTE Chapter of MGM's College of Engineering, Nanded. Period 7th Jan. to 18th Jan. 2002.
11. National Board of Accreditation Assessors' Training Workshop Organized by the National Board of Accreditation. Conducted by AICTE, at D.Y. Patil College of Engineering, Akurdi, Pune. On 21st And 22nd March 2003.
12. Workshop on Awareness of Patents organized by the SRTM University Nanded. On 25.02.2004.
13. DTE Three Days Training Programme on "PROSPER THROUGH PERFORMANCE" organized by the UICT, Mumbai and VPM, Thane .14th -16th December 2005.
14. Faculty Development Programme on "QUALITY ASSURANCE IN TECHNICAL EDUCATION" (TEQIP) SGGSI&T, Nanded. 4th to 6th May 2006.
15. Positive attitude and communication skill. at SGGSI E &T, Nanded. 20.08.2010.
16. TEQIP sponsored One week FDP on Demand Management for Water Supply, Deptt. of Civil &WM Engg. SGGSI&T, Nanded, 24-28 Sept 2012.
17. TEQIP sponsored One week FDP Analytical Techniques for Applied Research, Deptt. of Civil &WM Engg. SGGSI&T, Nanded Jan. 21-25, 2013
18. TEQIP sponsored Workshop on Training and Identification of Master Trainers and Evaluator on outcome based accreditation process and parameters, Phase II, 21-23 March 2014 held at SGGSI&T, Nanded.
19. Two week ISTE Workshop on 'Fluid Mechanics' under National mission on education through ICT conducted by IIT Kharapur at MGM COE, Nanded. 20-30 May 2014.
20. TEQIP sponsored One week FDP on Fundamentals and Advances in Artificial Neural Networks, SGGSI&T, Nanded, 9-13June 2014.

LIST OF CONFERENCES/SEMINARS ATTENDED

1. International Symposium on Emerging Trends in Hydrology. Deptt. of Hydrology, University of Roorkee, Roorkee. 25-27th Sept. 1997.
2. International Conference on Nonlinear Systems: Modelling, Simulation and Applications. Deptt. of Computer Science, NES Science College, Nanded. 26-29th DEC. 2000.
3. National Conference on Pollution: Impact and Emerging Remedial Measures. Gramin Polytechnic, Nanded. 26th Nov. 2001.
4. International Conference On "Advanced Modeling Techniques For Sustainable Management Of Water Resources" (AMTSMW-2004) National Institute of Technology, Warangal, India during 28th-30th Jan. 2004
5. Second International Conference on Nonlinear Systems: Modelling, Simulation and Applications. Deptt. of Computer Science, NES Science College, Nanded. 26-29th Dec. 2006.
6. Workshop on Hydrological Data Users' Group, Hydrology Project Division, Aurangabad. 31/1/2007.
7. National workshop on Impact of Climate Change on River basin Management organized by GEC Aurangabad, August 16-17, 2013.
8. Participation in one day TEQIP workshop on Collaborative research in water sector at IIT Bombay on 12/9/2014.
9. Attended IIRS Outreach Programme on "Remote Sensing and GIS Application in Water Resource Management" SGGSI E & T, Nanded, 22nd May to 9th June 2017.

List of M.E / M. Tech. Dissertations Supervised

Sr. No.	Candidate	Topic of Dissertation	Year
1	Zade S. S.	Capacity Expansion Based Interactive Graphical Tool for Discontinuous dynamic programming	2001
2	Kashid S S	A DBMS Program for Simulation of Reservoir Operation	2001
3	Parlikar A S.	A DBMS Program for Water Accounting in Irrigation Water Management	2002
4	Jadhav D.B.	Rainfall Runoff Modeling for Dakor Basin using Hydrological Software	2002
5	Naigaonkar S.A.	The Study of Drainage Problems in Manjra Basin	2003
6	Miss Dhoot S.A.	Rescheduling of Vishnupuri Irrigation Canal using CROPWAT Model	2004
7	C. L. Jejurkar	Infiltration studies for varying land cover conditions	2005
8	Mr. H.P. Patil	User friendly programme for watershed management	2006

9	Mr. T.B. Dhavale	DBMS for evapotranspiration estimation	2007
10	Mr. M.S. Kurulekar	Optimization of storm water management system using Genetic Algorithm	2007
12	Mr. D.S. Pandirkar	Strategies for harvesting rainwater for rural and urban habitat	2008
13	Mr. A. M.Dongre	Application of curve number method in watershed area	2008
14	Ms. V. V. Palsingankar	Storm water management : A case study of Nanded study	2009
15	A.S. Rathor	GIS and RS in groundwater studies: Groundwater recharge zone mapping for Mahua village in Bhavnagar district, Gujarat	2009
16	Ajay Chavdekar	Investigations on Change Detection in Chandpur (M.S.) watershed area by using RS and GIS	2012
17	Ganesh Chandankar	Estimation of curve number for asana river basin using remote sensing and gis	2013
18	Minal Somwanshi	Assessment of Impact of Climate Change on groundwater recharge	2014
19	Aditya Nilawar	Identification of Groundwater Potential Zone using Remote Sensing and GIS Technique	2014
20	Anurag Dhole	Reduction of fluoride Concentration from Groundwater of Nanded District	2015
21	Namita Undegaonkar	Computation of Strom Water by using EPA SWMM 5	2015
22	Snehal Deshmukh	Assment of Water Quality of Surface Water of Nanded District	2015
23	Rushikesh Yannavar	Energy Efficiency optimization in water distribution Network.	2016
24	Poonam Deshmukh	Analysis of Hydraulic Transient in Closed Conduite System.	2016
25	Madhav Wadekar	Two Stage Tidal Flow Constructed Wetland for Wastewater Treatment	2017
26	Saurabh Kathale	Graphical Interpretation of Ground Water Quality and Its Suitability for the Domestic and Agricultural Purpose in Nanded Tehsil	2017
27	Harshavardhan Sule-Patil	Seismic Performance and Design of Elevated Metro Bridges	2017
28	Mangesh Shendker	Seismic performance of RC frame structures with SIM and URM infill	2017
29	Paurtima Marawar	Hydrological modelling of a watershed by SCS-CN Model, Arc-GIS and HEC-HMS	2018
30	Nitin Sonavane	Assessment of rainfall runoff for storm water management	2018
31	Ajinkya Mankar	Design and analysis of water distribution network of rural water supply scheme	2018
32	Bhagyesh Bhalekar	Proposal of retrofitting for mid-rise building	2018
33	Prakash Singh	Seismic retrofitting of tall buildings with open ground storey	2018
34	Jagdish Chaudhary	Proposal of retrofitting options for low low rise RC building	2018
35	Sushil Nemade	Seismic pounding analysis in adjacent building	2018
36	Akash Mahajan	Passive Vibration Control of Framed Structures by Base Isolation Method using Lead Rubber Bearing	2018
37	Mohammad Ismail	Progressive Collapse Analysis for RC Structures	2018

M.L.WAIKAR