

CURRICULAM –VITAE

Ganesh Dattatrayrao Kale

Educational Qualification

B.E (CIVIL), M.E. (CIVIL – WATER RESOURCES), QIP Ph.D Research Scholar (IISc Bangalore)

Work Experience

- 1) Worked as an lecturer on Ad-hoc basis in Civil Engineering Department of S.T.B.E.C Tuljapur from 23/8/2005 to 23/7/2006 and 1/8/2006 to 10/11/2006
- 2) Worked as lecturer on Ad-hoc basis in civil engineering department, SVNIT Surat from 12/1/2007 to 03/07/2007.
- 3) Joined as Assistant Professor on regular basis in Civil Engineering Department, SVNIT, Surat on 19/7/07 to till date.

Academic Record

Year	Degree	Institute/Board	Result
2005	M.E (W.R.E)	Government college of engineering, Aurangabad	72.56%
2003	B.E	Shree Tuljabhavani college of engineering, Tuljapur	77.00%
1998	H.S.C	Maharashtra state Board, Aurangabad Division	65.33%
1996	S.S.C	Maharashtra state Board, Aurangabad Division	75.46%

Computer proficiency

Autocad, 'C' programming, GIS & Remote Sensing, MATLAB

Special achievements

- 1) **University Rank Fifth in B.E (Civil) Examination 2003**
- 2) **First Class with Distinction In M.E (Civil-WRE)**
- 3) **Valid Gate Score: 300, 83%, 2007**
- 4) **Selected For Ph.D Program at IISc Bangalore through QIP 2011 Scheme.**

- 5) **Best Paper Prize For Two Research Papers in VII International Conference on Environmental Hydrology, ASCE Scheduled Between 25-27 Sept. 2012 at Cairo, Egypt.**
- 6) Stood First Among Faculty Members in ‘Hindi Shabddavali’ and ‘Hindi Essay Writing’ Competition with Prize of Rs. 1000/- For Each Competition (2010-11)
- 7) Stood Third and Second Among Faculty Members in ‘Hindi Shabddavali’ and ‘Hindi Essay Writing’ Competition with Prize of Rs. 250/- And Rs. 500/- For Each Competition (2011-12)

Extra curricular Activities

Worked as Presiding officer in Gujrat Asembly Election 2007.

Worked as invigilator in AIEEE-07 and GATE 08 examinations.

Worked as Presiding officer in Gujarat Loksabha Election 2009.

Working as a member of Hindi Cell of SVNIT, Surat.

Worked as Presiding Officer in SMC Election 2010.

Co- curricular Activities

- 1) **Preparation of FM, HHM laboratory manuals for second year civil engineering students**
- 2) **Preparation of HEL-I and HEL-II laboratory manuals for M. Tech Water Resources Ist and IInd semester students.**
- 3) Worked as member of Registration and Editorial Committee in National Conference Hydro-2007.
- 4) Worked as member of Session Management Committee in SUTRIMS.
- 5) Worked as Visiting Faculty in Govt. Engg. College, Surat from September to October 2007.
- 4) Worked as member of organizing committee of National Workshop “Flood Forecasting and Protection Measures” on 28/8/2010 at SVNIT, Surat
- 5) Working as Class Co-ordinator of B. Tech-I every year.
- 6) **Worked as Co-secretary of National Workshop on “Natural Energies Conservation and Use”, 29-30 September 2011.**
- 7) Working as member of organizing committee of National Workshop on “Ecological Sanitation”, 20-21 October 2011.
- 8) Worked as member of organizing committee of Hydro-2011 Conference.
- 9) **Examined Three M. Tech Dissertations in Government Engineering College, Aurangabad, Maharashtra as External Examiner on 24-9-11.**

Project Guided

Sr. No.	Name of Project	Academic Level
1	Sediment Transport Concept in Design of Sediment Excluders (2008)	UG: Praveen Arora, Prasant Sagar and Anand D. Sonakar, Department of Civil Engineering, SVNIT, Surat
2	Study of Effect of Singanpore Weir Cum Causeway on Salinity Ingress (2008)	PG: Nitisha J. Anajwala, Bhumika H. Shah, Hasmukh N. Patel, Shailesh Patel, Rashmikant Patel and Prashant Chaudhary Department of Civil Engineering, SVNIT, Surat
3	Simulation of Unsteady Open Channel Flow Using HEC-RAS (2009)	UG: Manish Kumar Singh, Neha Aggrawal, Roshan Barla, Department of Civil Engineering, SVNIT, Surat
4	Benefit Cost Analysis of Crop Yield- A Case Study of Madhuban Dam, Valsad, India (2010)	UG: Himanshu Panwar, Kaushal Kishor, Saurabh Jorwal, Department of Civil Engineering, SVNIT, Surat

M. Tech Dissertations Guided

Sr. No.	Title of Dissertation	Name of Student
1	Application of SRS Technique in Reservoir Sedimentation: A Case Study of Ukai Reservoir (2010-11)	Ritesh H. Shobhavat (P09WR311)
2	Application of SRS Technique in Reservoir Sedimentation: A Case Study of Jayakwadi Reservoir (2010-11)	Sheela N. Vadsola (P10WR324)

Membership of Professional Societies

Sr. No.	Name of the Organization	Membership
1	Life Membership of Indian Association of Soil and Water Conservationists, Dehradun	Life Membership (LM-1500K)
2	Indian Society for Hydraulics, Pune	Life Membership (LM-733)
3	Indian Association of Hydrologists, NIH, Roorkee	Life Membership (LM-1513)

4	Association of Hydrologists of India, Vishakhapatnam, Andhra Pradesh	Life Membership (LM-413-705)
5	Indian Water Resources Society, Roorkee	Life Membership (LM-12-7339)
6	Associate Member of Institution of Engineers, Kolkata	AM100230-1
7	Indian Water Works Association, Vadodara Centre, Gujarat	Life Membership (LM-7208)
8	Indian Society for Technical Education, New Delhi	Life Membership LM-81697

List of Seminar / Conference Attended

Sr. No.	Institution / Organization	Title	Duration		
			From	To	Days
1	JNTU, Kukathpalli, Kakinada, Hyderabad	International Conference ICHWAM 2006	5/12/2006	8/12/2006	4
2	Faculty of Technology, MSU, Baroda	Emerging Trends in Civil Engineering	11/03/2007	11/03/2007	1
3	ED Cell & ISTE, SVNIT, Surat	The Complete Construction ERP-Solution	06/09/2007	06/09/2007	1
4	S.V. National Institute of Technology, Surat.	National Conference HYDRO-2007	21/12/2007	22/12/2007	2
5	Civil Engineering Department, S.V. National Institute of Technology, Surat.	National Conference SUEIMS-08	27/2/2008	29/2/2008	3
6	CWPRS, Khadakwasla, Pune	INCAHE- 2008	06/11/2008	07/11/2008	2
7	WASET, Zurich, Switzerland	International Conference on Earth Sciences and Engineering, 2012	15/01/2012	17/01/2012	3

8	Department of Civil Engg., Bangalore IISc	Fifth Annual In-house Students Symposium,	30/08/2012	31/08/2012	2
9	IISc Bangalore	All India Science and Spirituality Quest 2012	01/09/2012	02/09/2012	2
10	Cairo, Egypt	VII International Conference on Environmental Hydrology and First Symposium on Effect of Climate Change on Nile Water Resources, ASCE	American Society of Civil Engineering	25-27 Sept. 2012 Best Paper Prize for both papers	3

List of Short Term Training Program (STTP) Attended

Sr. No.	Institution / Organisation	Title	Duration		
			From	To	No. of Days
1	S.V. National Institute of Technology, Surat with EQUATE & sponsored by TEQIP	Induction Training Program	18/01/08	20/01/08	03
2	IIRS Dehradun & sponsored by ISRO, Bangalore	National Natural Resource Management and Studies (NNRMS-08)	05/05/08	27/06/2008	54
3	Applied Mechanics Department, S.V. National Institute of Technology, Surat	Software Applications and Web-based Learning Tools in Structural Engineering	07/07/08	11/07/08	04
4	Mechanical Engineering Department, S. V. N. I.T., Surat	Multi-criteria Decision Making and its Industrial Applications	04/10/08	05/10/08	02

5	Applied Mechanics Department, S.V. National Institute of Technology, Surat	Advances in Geotechnical Engineering	29/12/08	02/01/09	05
6	Civil Engineering Department, S.V. National Institute of Technology, Surat.	Urban Infrastructure and Services: Planning & Implementation	05/01/09	09/01/09	05
7	S.V. National Institute of Technology, Surat.	Pedagogy and Research Methodologies	19/01/09	23/01/09	05
8	Civil Engineering Department, S.V. National Institute of Technology, Surat	Advanced Research Techniques in Urban Planning and Management	13/7/09	17/7/09	05
9	Civil Engineering Department, S.V. National Institute of Technology, Surat	Civil Project: Development and Management	20/07/09	24/07/09	05
10	Civil Engineering Department, S.V. National Institute of Technology, Surat	Sustainable Water and Waste Water Management Techniques	27/07/09	31/07/09	05
11	Civil Engineering Department, S.V. National Institute of Technology, Surat	Engineering Drawing Using CAD	23/11/2009	27/11/2009	05
12	Civil Engineering Department, IISC, Bangalore	Summer Entrainship	17/5/2010	10/7/2010	54
13	Civil Engineering Department, IISC, Bangalore	Summer Entrainship	17/6/2011	15/7/2011	28
14	Civil Engineering Department, IISC, Bangalore	Summer Entrainship	14/5/2012	13/7/2012	61

List of Seminar / Conference/ Workshop Organized

Sr. No.	Institution / Organization	Title	Duration		
			From	To	Days
1	S.V. National Institute of	Two days National	29/9/2011	30/9/2011	2

	Technology, Surat	Workshop on Natural Energy Conservation and Use			
2	S.V. National Institute of Technology, Surat	Ecological Sanitation	20/10/11	21/10/11	2

Research Papers Published in National Conferences

Sr. No.	Title of Paper	Title of Conference / Journal	Organizing Institute	Duration
1	Experimental Study of Effect of Increase of Recharge on Sea Water Intrusion	ETCE-2007 (National Conference) Proceedings of ETCE-07, pp. 215-222	SSIT, Tumkur, Karnataka	10-11 May 2007
2	Application of GIS in Water Resources Engineering	Hydro-2007, Proceedings of HYDRO-07, pp. 695-702	SVNIT, Surat, Gujarat	21-22 Dec. 2007
3	Estimation of Kinetic Energy of Rain-Storm for Chikalhana by Using Few Years Data	Hydro-2007, Proceedings of HYDRO-07, pp. 101-106	SVNIT, Surat, Gujarat	21-22 Dec. 2007
4	Public Private Partnership in Sanitation	SUEIMS-08, Proceedings of SUEIMS-08, Theme II Urban Water Management, pp. 7-13	SVNIT, Surat, Gujarat	27-29 Feb. 2008
5	Soil Erosion Modeling Using USLE, GIS and Remote Sensing: A Review	Hydro 2011	SVNIT, Surat, Gujarat	29-30 December, 2011

Research Papers Published in International Conferences

Sr. No.	Title of Paper	Title of Conference / Journal	Organizing Institute	Duration
1	Impact of Kachhighati Watershed Development Project on Economic, Social and Psychological Status of Peoples of Watershed in Semiarid Region of Maharashtra	ICHWAM-2006 (International Conference)	JNTU, Hyderabad Proceedings of ICHWAM-2006, Volume-II, Page No. 1191-96	5-8 Dec. 2006
2	Modelling of Soil	International Conference	WASET,	15-17 Jan.

	Erosion Using Non Conventional Methods : A Review	on Earth Sciences and Engineering, 2012	Zurich, Switzerland	2012
3	Estimation of Reservoir Sedimentation Using SRS Technique and Free Landsat Data	VII International Conference on Environmental Hydrology and First Symposium on Effect of Climate Change on Nile Water Resources Cairo, Egypt	American Society of Civil Engineering	25-27 Sept. 2012 Best Paper Prize
4	Uncertainty in Climate Change Assessment: A Hurdle in The Path of Accurate Prediction of Future Climate	VII International Conference on Environmental Hydrology and First Symposium on Effect of Climate Change on Nile Water Resources Cairo, Egypt	American Society of Civil Engineering	25-27 Sept. 2012 Best Paper Prize

Research Papers Published in National Journals

Sr. No.	Title of Paper	Title of Journal	Organizing Institute	Duration
1	Annual Erosion Estimation of Kachhighati Watershed Using RUSLE for Impact Assessment of Conservation Measures	Journal of Soil & Water Sciences, ICF AI University Press Journals	ICFAI University Press Journals, Hyderabad	Vol.1, Issue 2, pp. 20-32 November 2008
2	Simplified Procedure for Computation of Rain-Storm Energy by Using Few Years Data	Journal of Soil & Water Sciences, ICF AI University Press Journals	ICFAI University Press Journals, Hyderabad	Vol. 2 , Issue 3, pp. 39-47, August 2009
3	Agro-Economic Evaluation of Effect of Damanganga Project on Agricultural Production of Valsad District, Gujarat	Journal of Applied Hydrology	AHI, Vishakhapatnam, A.P., India	JAH Vol. XXVI – No.1-4, Jan. – Dec. 2013

Research Papers Published in International Journals

Sr. No.	Title of Paper	Title of Journal	Organizing Institute	Duration
1	Verification of Appraisals	International Journal of	CRC	Vol.1, Issue

	Brought by 'Watershed Development Project' by Statistical Analysis	Watershed Management, CRC Publication, UK	Publication, UK	1, pp. 2.13-2.28, July, 2010
2	Watershed Development Project Justification by Economic Evaluation: A Case Study of Kachhighati Watershed of Aurangabad District of Maharashtra	Journal of Hydraulics ISH	Taylor and Francis	Vol. 18, No. 2, pp. 101-111, June 2012
3	Modeling of Sea Water Intrusion With Hele-Shaw Model: A Case Study of Three Zones of Surat City	Journal of Hydraulics ISH	Taylor and Francis	Vol. 18, No. 3, pp. 215-223, September 2012
4	Modelling of Soil Erosion Using Non Conventional Methods	International Journal of Social and Human Sciences	WASET	Vol. 6, pp. 376-382, 2012
5	A Modified Combined Approach Framework of Climate Impact and Adaptation Assessment for Water Resources Systems Based on Experience Derived From Different Adaptation Studies in the Context of Climate Change	Journal of Water Resource and Protection Impact Factor : 0.41	Scientific Research Publishing USA	Vol. 5, No. 12, pp. 1210-1218, December, 2013

Research Papers Reviewed

Sr. No.	Title of Journal / Name of Institute
1)	Invited Reviewer : World Resources Institute, Washington, U.S.A.

E-mail: samarth_ganesh2003@yahoo.com, kale.gd@gmail.com, gdk@ced.svnit.ac.in

(Ganesh D. Kale)