

# **CURRICULAM –VITAE**

**Dr. Ganesh Dattatrayrao Kale**



## **Educational Qualification**

B.E. (Civil), M.E. (Civil – Water Resources Engineering), Ph.D (IISc Bangalore)

## **Work Experience (Regular)**

Joined as Assistant Professor on regular basis in Civil Engineering Department, SVNIT, Surat on 19/07/2007 to till date.

## **Academic Record**

<b>Year</b>	<b>Degree</b>	<b>Institute/Board</b>	<b>Result</b>
2017	PhD	Indian Institute of Science Bangalore	
2005	M.E (W.R.E)	Government College of engineering, Aurangabad, Maharashtra	72.56%
2003	B.E	Shree Tuljabhavani College of Engineering, Tuljapur, Osmanabad, Maharashtra	77.00%
1998	H.S.C	Maharashtra State Board of Secondary and Higher Secondary Education, Aurangabad Divisional Board	65.33%
1996	S.S.C	Maharashtra State Board of Secondary and Higher Secondary Education, Aurangabad Divisional Board	75.46%

## **Computer proficiency**

AutoCAD, 'C' Programming, GIS & Remote Sensing, MATLAB

## **Prizes, Distinctions**

- 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) 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.

Worked as Presiding Officer in Gujarat Assembly Election 2017.

Worked as Presiding Officer in Loksabha Election 2019.

Worked as Presiding Officer in SMC Election 2021.

#### **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 I<sup>st</sup> and II<sup>nd</sup> 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.

- 10) Working as PG Incharge (WRE) from 17/08/2017 to 26/09/2019.
- 11) Worked as Assistant Laboratory Incharge of Water Resources Engineering Laboratory and Advanced Hydraulic Engineering laboratory.
- 12) Working as UG coordinator Academics for B. Tech II Year (Civil).
- 13) Working as Exam Coordinator of the Department.
- 14) Working as Laboratory Incharge of Water Resources Engineering Laboratory and Computational Hydraulics Laboratory.
- 15) Working as Member of Committee for studying layout plan of D. I. Pipeline from GWSSB.
- 16) Working as Member of Committee for compliance/monitoring of Plagiarism check in SVNIT Surat.
- 17) Working as Member of Registration Committee of Convocation 2017 SVNIT, Surat.
- 18) Worked as Faculty Advisor of B. Tech II (Civil).
- 19) Working as Lab Incharge of Water Resources Engineering Laboratory.
- 20) Member of Stock Verification Committee of the Department.

### **B. Tech Project Guided**

<b>Sr. No.</b>	<b>Name of Project</b>	<b>Name of Students and Department</b>
1	Sediment Transport Concept in Design of Sediment Excluders (2007-08)	Praveen Arora, Prasant Sagar and Anand D. Sonakar, Department of Civil Engineering, SVNIT, Surat
2	Simulation of Unsteady Open Channel Flow Using HEC-RAS (2008-09)	Manish Kumar Singh, Neha Aggrawal and Roshan Barla, Department of Civil Engineering, SVNIT, Surat
3	Benefit Cost Analysis of Crop Yield- A Case Study of Madhuban Dam, Valsad, India (2009-10)	Himanshu Panwar, Kaushal Kishor and Saurabh Jorwal, Department of Civil Engineering, SVNIT, Surat
4	Assessment of Hydroclimatic Teleconnections between Monthly Summer Monsoon Rainfall of Four Subdivisions of India and Eleven Circulation Indices (2017-18)	Aakash Kumar Singhania, Nitesh Khokher, Abhik Jyoti Borthakur and Ganpat Lal, Department of Civil Engineering, SVNIT, Surat
5	Trend Analyses in Gridded Rainfall Data over the Sabarmati Basin (2018-19)	Pragalbh Krishn and Gulshan Kumar, Department of Civil Engineering, SVNIT, Surat
6	Analysis of Water Distribution Network of ESR-20, Surat (2019-20)	Vaishnovy S. Master and Nirmal Kumar Meena, Department of Civil Engineering, SVNIT, Surat

**M. Tech Professional Project Guided**

<b>Sr. No.</b>	<b>Name of Project</b>	<b>Name of Students and Department</b>
1	Study of Salinity Ingress At Jahangirpura Area-Surat (2008-09)	Nitisha J. Anajwala, Bhumika H. Shah, Has Mukh N. Patel, Shailesh Patel, Rashmikant Patel and Prashant Chaudhary, Department of Civil Engineering, SVNIT, Surat
2	Trend Detection Analysis of Gridded RCP 4.5 Rainfall Data Over the Sabarmati Basin (2018-19)	Jijin Mathews and Pooja Singh, Department of Civil Engineering, SVNIT, Surat
3	Water Distribution Network Analysis of ESR-21, Surat Using EPANET (2019-20)	Surendra Borana and Nitin Singh Kachhawa, Department of Civil Engineering, SVNIT, Surat
4	Analysis of Hazipur Village Water Distribution Network by Using EPANET	Tuhin Mukherjee and Akhilesh Sonker, Department of Civil Engineering, SVNIT, Surat

**M. Tech Dissertations Guided**

<b>Sr. No.</b>	<b>Title of Dissertation</b>	<b>Name of Student</b>
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 (2011-12)	Sheela N. Vadsola (P10WR324)
3	Detection of Trends in Potential Evapotranspiration over Tapi Basin (2016-17)	Rahul Verma (P15WR008)
4	Attribution of Regionally Significant Trends Observed in Gridded PET Data Over the Tapi Basin (2017-18)	Eerla Devi Varaprasad Naidu (P16WR009)
5	Trend Detection in Groundwater Levels of Bikaner District of Rajasthan (2017-18)	Sudhansu Sekhar Mohanta (P16WR013)
6	Establishment of Hydro-climatic Teleconnections for Monthly Indian Summer Monsoon Rainfall by Using ANN Model (2018-19)	Prajakta Jadhav (P17WR011)

7	Trend Analyses in Groundwater Levels of Sangrur District, Punjab (2018-19)	Sagar Patel (P17WR019)
8	Flood Modelling and Flood Mapping of Chhindlai to Balaghat Reach of the Wainganga River (2019-20)	Dilip Singh (P18WR016)
9	Analysis of Water Distribution Network of Bhimrad Village, Surat By Using LOOP 4.0, EPANET and WaterGEMS Software	Jarpala Venkatesh (P18WR019)
10	Analysis of Stormwater Drainage Network of The Central Zone, Surat By Using SWMM 5.1 Software	Mr. Kusha Kumar M (P19WR017)
11	Analysis of Water Distribution Network of The Zone-3 in Sarangpur City By Using LOOP 4.0 and EPANET Software	Mr. Vinod Kumar Malviya (P19WR019)

#### PhD Guidance

Currently Guiding 6 PhD Students

#### 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

9	ISH-IAHR Membership	55438
10	Association of Agrometeorologists, Anand, Gujarat	Life Membership LM-1191
11	Indian Desalination Association	Life Membership LM-524

#### List of Seminar / Conference Attended

Sr. No.	Institution / Organization/Place	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., IISc Bangalore	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-EGS	25/09/2012	27/09/2012	3
11	Colombo, Sri Lanka	International Conference on Climate Change-	16/02/2017	17/02/2017	2

		2017 (ICCC 2017), Colombo, Sri Lanka			
12	Pattaya Thailand	First International Conference on Intelligent Computing and Optimization 2018	04/10/2018	05/10/2018	2
13	NIT Patna, India	International Conference HYDRO 2018	19/12/2018	21/12/2018	3
14	Novotel Hotel, Kolkata, India	ASCE India 2020 Conference	02/03/2020	04/03/2020	2

### 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 Short Term Training Program (STTP) Organized

Sr. No.	Institution / Organization	Title	Duration		
			From	To	No. of Days
1	S.V. National Institute of Technology, Surat	Tools for Life Long Research (TFLLR-I 2018)	27/01/2018	31/01/2018	5

#### List of Seminar / Conference/ Workshop Organized

Sr. No.	Institution / Organization	Title	Duration		
			From	To	Days
1	S.V. National Institute of Technology, Surat	Two days National Workshop on Natural Energy Conservation and	29/9/2011	30/9/2011	2



		Use			
2	S.V. National Institute of Technology, Surat	Ecological Sanitation	20/10/11	21/10/11	2
3	S.V. National Institute of Technology, Surat	Tools for Life Long Research (TFLLR-I 2018)	27/01/2018	31/01/2018	5

### Expert Lectures Delivered

Sr. No.	Institution / Organization At Which Expert Lecture is Delivered	Topic/Title of Expert Lecture
1	Civil Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat during STTP 'TFLLR-I 2018', January 27-28, 2018.	MATLAB
2	M. S. Patel Department of Civil Engineering, Chandubhai S. Patel Institute of Technology (CSPIT), Charotar University of Science and Technology, Changa, Dist. Anand, Gujarat. December 6, 2018	Statistical Analysis of Change
3	Civil Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat during STTP 'Advanced Research Methods', June 5, 2019.	Fundamentals of MATLAB

### 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	SVNIT, Surat, Gujarat	27-29 Feb. 2008

		Water Management, pp. 7-13		
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 Erosion Using Non Conventional Methods : A Review	International Conference on Earth Sciences and Engineering, 2012	WASET, Zurich, Switzerland	15-17 Jan. 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 <b>Best Paper Prize</b>
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 <b>Best Paper Prize</b>
5	Selection of Step Change and Temporal Trend Detection Tests and Data Processing Approaches	Hydro 2014, International Conference, MANIT Bhopal	Indian Society for Hydraulics	18-20 Dec. 2014

6	Few Climate Change Studies Assessment across the Globe	International Conference on Climate Change-2017 (ICCC 2017), Colombo, Sri Lanka	University of Colombo, Sri Lanka	16-17 February 2017
7	Estimation of Reservoir Sedimentation of Ukai Reservoir Using SRS Technique Between Specific Water Surface Elevations	IAHR World Congress 2017, Kuala Lumpur Malaysia	International Association for Hydraulic Research	13-18 August 2017
8	Trend Detection of Regional Time Series of Potential Evapotranspiration of the Tapi Basin for the Period of 1971-2004	5 <sup>th</sup> International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017) (IETE, Pune)	Institution of Electronics and Telecommunication Engineers, 62 Indiranagar, Erandwane, Pune, Maharashtra, India	23 July 2017
9	Trend Detection Analyses of Rainfall of Whole India for the Time Period 1950–2006	First International Conference on Intelligent Computing and Optimization 2018, Hard Rock Hotel, Pattaya Thailand.	Springer	4-5 Oct. 2018
10	Development of 1D unsteady hydrodynamic flow model for three gauging stations of Purna river basin by using HEC-RAS 5.0.3	International Conference HYDRO 2018, NIT Patna	Indian Society for Hydraulics	19-21 Dec. 2018
11	Trend Analyses of Regional Seasonal Mean Temperature Series Appertaining to the Tapi Basin, Formulated by Using Data of Individual Month	International Conference HYDRO 2018, NIT Patna	Indian Society for Hydraulics	19-21 Dec. 2018
12	Trend Analyses in Groundwater Levels of Five Blocks in the Sangrur District, Punjab	Second ASCE conference in India on Challenges of Resilient and Sustainable Infrastructure Development in	ASCE India	02-04 March 2020

		Emerging Economics (ASCE India 2020 Conference), Kolkata, India		
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#### 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, ICFAI University Press Journals (Affiliated to ELSEVIER)	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, ICFAI University Press Journals (Affiliated to ELSEVIER)	ICFAI University Press Journals, Hyderabad	Vol. 2, Issue 3, pp. 39-47, August 2009

#### Research Papers Published in International Journals

Sr. No.	Title of Paper	Title of Journal	Organizing Institute/ Publication	Duration
1	Verification of Appraisals Brought by 'Watershed Development Project' by Statistical Analysis	International Journal of Watershed Management, CRC Publication, UK	CRC Publication, UK (Scopus)	Vol.1, Issue 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 (Scopus)	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 (Scopus)	Vol. 18, No. 3, pp. 215-223, September 2012

4	Modelling of Soil Erosion Using Non Conventional Methods	International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering	WASET	Vol. 6, No.3, 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
6	Trend Detection of Regional Time Series of Potential Evapotranspiration of the Tapi Basin for the Period of 1971-2004	International Journal of Engineering Technology Science and Research	IETE, Pune	Vol. 4, No. 7, pp. 514-524, July 2017
7	Trend Detection Analysis of Gridded PET Data over the Tapi Basin	Water Conservation Science and Engineering	Springer Nature (Emerging Sources Citation Index)	Vol. 3, No. 2, pp. 99-115, July 2018
8	Assessment of Circulation Indices Affecting Indian Summer Monsoon Rainfall, in Addition to ENSO and Equinoo	Water Conservation Science and Engineering	Springer Nature (Emerging Sources Citation Index )	Vol. 3, No. 2, pp. 117-128, July 2018
9	Trend Detection Analysis of Seasonal Rainfall of Homogeneous Regions and All India, Prepared by Using Individual Month Rainfall Values	Water Conservation Science and Engineering	Springer Nature (Emerging Sources Citation Index)	Vol. 3, No. 2, pp. 129-138, July 2018
10	Trend Analyses of Seasonal Streamflows of the Tapi Basin	Water Conservation Science and Engineering	Springer Nature (Emerging Sources Citation	Vol. 4, No. 1, pp. 1-11 March 2019

			Index)	
11	Trend analyses of regional time series of temperatures and rainfall of the Tapi basin	Journal of Agrometeorology	SCI and SCOPUS	Vol. 22, No. 1, pp. 48-51, March 2020
12	Prioritization of All Blocks in Districts of the Jaipur Division with Investigation of Factors Affecting Significant Trends in GWLs Journal of the Geological Society of India	Journal of the Geological Society of India	SCOPUS Science Citation Index Expanded (SciSearch)	Accepted

### Research Papers Reviewed

Sr. No.	Title of Journal / Conference / Name of Institute
1)	<b>Invited Reviewer</b> : World Resources Institute, Washington, U.S.A.
2)	Hydro 2017 Conference
3)	Journal of Irrigation and Drainage, ASCE
4)	ISH Journal of Hydraulic Engineering
5)	International Conference on Sustainable Innovations in Civil and Mechanical Engineering 2020 (ICSICME-2020)
6)	National Conference on Advanced Modeling and Innovations in Water Resources Engineering (AMIWRE-2020)
7)	Meteorology and Atmospheric Physics (MAAP) Journal

### Books Edited / Published

Sr. No.	Title of Book	Publisher
1)	Trend Detection of Potential Evapotranspiration Data Over Tapi Basin	Lambert Academic Publishing
2)	Water and Energy Management in India Artificial Neural Networks and Multi-Criteria Decision Making Approaches	Springer Nature

**Book Chapter Published**

<b>Sr. No.</b>	<b>Title of Book Chapter</b>	<b>Title of Book and Publisher</b>
1)	Trend Analyses in Groundwater Levels of the Bikaner District, Rajasthan	Water and Energy Management in India Artificial Neural Networks and Multi-Criteria Decision Making Approaches, Springer Nature

**Editor**

<b>Sr. No.</b>	<b>Title of Journal</b>
1	Guest Editor of Special Issue of International Journal of Energy Optimization and Engineering.

**Out Reach Activity**

<b>Sr. No.</b>	<b>Name of Outreach Activity</b>	<b>Place of Outreach Activity</b>
1	Examination of Three M. Tech Dissertations	Government Engineering College, Aurangabad
2	Visiting Faculty for B.E (II) Civil 5 <sup>th</sup> Semester	Government Degree Engineering College, Surat
3	Delivered expert lecture on “Statistical Analysis of Change”	M. S. Patel Department of Civil Engineering, Chandubhai S. Patel Institute of Technology (CSPIT), Charotar University of Science and Technology, Changa, Dist. Anand, Gujarat. December 6, 2018.
4	Chief Guest for National Level UGCON and PGCON-2021 (Online Conference)	SKN Sinhgad College of Engineering, Pandharpur, Maharashtra.
5	Attended meetings of Departmental Research (DRC) committee As a V.C. Nominee Member of the DRC for the Doctoral Research	Civil Engineering Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara-390001, Gujarat.

**E-mail:** gdk@ced.svnit.ac.in

**(Ganesh D. Kale)**