



Sinhgad Technical Education Society's

**Sinhgad College of Engineering**

S.No. 44/1, Vadgaon (Budruk) Off. Sinhgad Road, Pune



Dr. Dattatray Kisan Rajmane

[dkrajmane.scoe@sinhgad.edu](mailto:dkrajmane.scoe@sinhgad.edu)

Mob. No. 9420121595

### Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Grade	Qualification Status
Ph.D. (Civil-Water Resources Engineering)	Shri Guru Gobind Singhji College of Engineering and Technology, Nanded	Swami Ramanand Teerth Marathwada University, Nanded	2021	-	Completed
M.E. ( Civil-Hydraulics)	Bharati Vidyapeeth's College of Engineering, Pune	Bharati Vidyapeeth University, Pune	2007	First Class with Distinction	Completed
B.E. (Civil-Water Management)	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Marathwada University Aurangabad	1991	First Class	Completed

## Post Held

Organization Name	Post	Organization Category	Appointment Status	Duration
Sinhgad College of Engineering	Associate Professor	Private College	Permanent	1 Dec. 2021 to till Date
Sinhgad College of Engineering	Assistant Professor	Private College	Permanent	16 June 2016 to 30 Nov. 2021
Sou. Venutai Chavan Polytechnic , Pune	Lecturer (Selection Grade)	Private polytechnic	Permanent	Apr 01,2008 to Jun 15,2016
Sou. Venutai Chavan Polytechnic , Pune	Lecturer	Private polytechnic	Permanent	Dec 02,1996 to Mar 31,2008

## Subjects Taught

**Diploma Level:** Applied Mechanics, Strength of materials, Theory of Structures, Design of structures, Hydraulics, Surveying, Concrete Technology, Geotechnical Engineering,, Irrigation Engineering, Environmental Engineering, Estimating and Costing,

**Degree Level:** Fluid Mechanics, Hydrology and Water Resources, Dams and Hydraulic Structures, Surveying

## Duties Performed

MSBTE Curriculum Revision Committee Member, Coordinator of Faculty Training Program, External Monitoring Committee Member, Paper Setter, Controller of MSBTE Exam., Building Sub-Committee Member, Discipline Committee Member for Sinhgad Karandak, Investigator for MODROB scheme of AICTE, Officer In-charge for MSBTE Regional Assessment Centre. Visiting Faculty at Government Polytechnic Pune.

Departmental Exam Coordinator, Building Committee Member, Departmental Conference Coordinator, Paper Setter at University level, Departmental Quality Control Coordinator, Departmental and Institute level Criteria Coordinator for NAAC, Resource Person in Subject Orientation Program.

## UG/PG Projects Guided

No. of PG Projects Guided: 05

No. of UG Projects Guided: 08

Guided the Diploma projects for about 19 years.

## Publications

1. D. K. Rajmane and A. R. Bhalerao, “Flushing Technique for Sediment Disposal- Case Study of a River in Himalaya”, ISH Journal of Hydraulic Engineering, ISSN-0971-5010, Vol.15, No.1, Page no.57-66 March 2009.
2. D. K. Rajmane, “Fluid Mechanics”, Tech-Max publications, ISBN-978-93-5224-318-1, June 2016.
3. D. K. Rajmane, “Prediction of Runoff in Ungauged Stations”, International Conference on Technological Advances in Climate Smart Agriculture and Sustainability held at shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded during 16-18 Jan 2017.
4. Avadhoot Kadu and D. K. Rajmane, “Case Study of Neera Devdhar; Canal Seepage Losses and Canal Lining”, International Journal for research in Applied Science & Engineering Technology”, ISSN No. 2321-9653, Vol.5, Issue 6, June 2017.
5. Mahesh Khade and D. K. Rajmane, “A review of Artificial Neural Network in Rainfall Runoff Simulation”, International Conference on Sustainable Development held at Sinhgad college of Engineering, Pune during 14-15 February 2019.
6. Mahesh Khade and D. K. Rajmane, “Rainfall Runoff Simulation using Artificial Neural Network considering Temperature Effect”, Scopus Indexed International Conference on Emerging Trends in Technology at Zeal College of Engineering Research, Pune during 11-12 April 2019.
7. D. K. Rajmane and M. L. Waikar, “ Projection of Temperature and Precipitation using Multiple Linear Regrsson and artificial Neural Network as a Downscaling Methodology for Upper Bhima Basin”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-9, Issue-3, September 2020.
8. D. K. Rajmane and M. L. Waikar, “Prediction of Inflow to the Ujjani Dam Reservoir Using Linear Regression and Hybrid Model”, international Journal of Civil engineering and Technology, Vol. 11, Issue 12, December 2020.

## Membership Details

Membership Body	Details	Registration	Level
ISTE	LM 37653	2003	National
The Indian Society of Hydraulics	LM 769	2009	National

## SDP/ STTP/ Workshop/ Conferences Attended

Sr. No.	Name of Program	Period
1	Staff Development Program on “Effective Classroom Teaching” Conducted by Technical Teachers Training institute.	20-22 October & 21-22 November 2003
2	AICTE Approved National Level Short Term Training Program on “Evaluation of Existing Dams and Action Plan For Restoration” Organized by Sinhgad college of Engineering.	6-10 February 2006
3	Workshop on “PLC Programming” Organized by Sou. Venutai Chavan Polytechnic, Pune.	13 March 2006
4	Short Term Training Program on “Computer Fundamentals” Organized by Sou. Venutai Chavan Polytechnic, Pune.	4-10 April 2006
5	National Level Conference “Hydro 2006” Organized by Indian Society For Hydraulics & B.V.’s College of Engineering, Pune.	8-9 December 2006
6	Short Term Training Program on “GIS Application Areas With Special Emphasis To Civil Engineering” Organized by Sou. Venutai Chavan Polytechnic, Pune.	30 Jan. – 3 Feb. 2007
7	ISTE Approved National Level Conference “Technobuzz 2007” Organized by Sou. Venutai Chavan Polytechnic, Pune.	16-17 February 2007
8	AICTE-ISTE Short Term Training Program on “Recent Advances In Pollution Control Technology” Organized by B.V.’s College of Engineering, Pune	12-17 March 2007
9	AICTE sponsored Staff development Program on “Effective Classroom Teaching” Organized by Sinhgad college of Engineering.	22-26 October 2007
10	Training Program on “Network Management & Administration” Conducted by Sou. Venutai Chavan Polytechnic, Pune	21-25 January 2008
11	Seminar on “Technical Paper Writing and Research Methodology” under IEEE-WIE Conducted by Sou. Venutai Chavan Polytechnic, Pune	12-13 February 2008
12	Seminar on “Planning Aspects for a Project: Concept To Completion” Organized by Sinhgad college of Engineering, Pune	7-8 March 2009
13	Workshop on “Curriculum Revision” attended at MSBTE Regional office, Pune	21-23 July 2009
14	Search Conference on Review and Revision of curriculum of Diploma in Civil Engineering organized by Cusrow Wadia Institute of technology, Pune.	22 August 2009
15	Seminar on “Stress Management” Organized by Sou. Venutai Chavan Polytechnic, Pune	26 March 2010
16	Indo-Italian International Workshop on “Advances in Fluvial Hydraulics and Water Resources development and Management” held at Central Water and Power Research Station, Pune	15-16 September 2011
17	Content Updating Training Program on “Structural Steel Detailing” Conducted by Sou. Venutai Chavan Polytechnic, Pune	10-14 October 2011
18	Workshop on “Conceptualizing the Research” Organised by Sou. Venutai Chavan Polytechnic, Pune	19 Sep. 2015

19	Workshop on “Revision of TE Civil Engineering Syllabus-CBCS-2015 Pattern” held at Amrutvahini College of Engineering, Sangamner.	18 Nov. 2016.
20	BCUD Sponsored State Level Workshop on “Advances in Concrete” held at sinhgad College of Engineering, Pune	19-20Jan. 2017
21	International Conference on “Technological Advances in Climate Smart Agriculture and Sustainability” held at shri Guru Gobind singhji Institute of Enguneering and Technology, Nanded	16-18 Jan. 2017
22	Faculty Development Program for the Subject “Fluid Mechanics II” organized by Sinhgad Institute of Technology and Science, Narhe.	10 June 2017
23	Training program on” Rainfall- Runoff Modelling with GIS” organized by National Water Academy, Pune	4-15 Dec. 2017
24	State Level Workshop on “Application of GIS and Remote Sensing in Water Resources Engineering” held at Genba Sopanrao Moze College of Engineering, Pune.	17 Feb. 2018
25	Workshop on “Data Mining and Soft Computing Techniques in Civil Engineering” organized by BITS Pillani Hyderabad Campus.	13-14 April 2018
26	Workshop on “Effective Teaching Methodology in Fluid Mechanics I” organized by Sinhgad College of Engineering in association with BOS Civil Engg. SPPU, Pune.	20-21 Dec. 2018
27	BCUD Sponsored Workshop on “Recent Advances in Remote sensing and Satellite Image Processing”, organized by Rajarshi Shahu College of Engineering Tathawade.	8-9 Feb. 2019
28	“International Conference on Sustainable Development” held at sinhgad college of Engineering, Pune	14-15 Feb. 2019
29	International Conference on “Emerging Trends in Technology” at Zeal College of Engineering Research, Pune	11-12 April 2019
30	AICTE-ISTE Apprived Two week Workshop on “ Practical based Designing and System Modeling with MATLAB and SIMULINK” held at Smt. Kashibai Navale College of Engineering, Vadgaon Bk., Pune.	2-13 Dec. 2019
31	Workshop on “Online Teaching Syllabus of TE Civil 2015 Pattern” organized by Dr. Vitthalrao Vikhe Patil College of Engineering Ahmednagar in association with Board of Studies, Civil Engineering, SPPU Pune.	1-3 July 2020
32	TEQIP-3 Online Short Term Course on “Machine Learning and Its Applications to Civil Engineering” Organized by National Institute of Shrinagar.	2-6 Nov. 2020
33	TEQIP-3 Online Short Term Training Program on “Advanced technologies in Water Resources Management” Organized by Government College of Engineering, Aurangabad.	23-27 Nov. 2020

