

- **Faculty Profile:**

	Name of Faculty:	Prof. Dr. G. R. Munavalli
	Designation:	Adjunct Professor, Department of Civil Engineering
	Email Id:	guru.munavalli@walchandsangli.ac.in
	Qualification:	Ph.D. M. E. Civil- Environmental Engineering B. E. Civil Engineering
Vidwan Id: - 139452	Specialization:	Environmental Engineering

- **Professional Experience:**

Sr. No.	Designation	Institute/ Company Name	Experience in Years
1.	Lecturer	Walchand College of Engineering, Sangli	05
2.	Senior Lecturer		05
3.	Selection Grade Lecturer/Assistant Professor		05
4.	Associate Professor		07
5.	Professor		12

- **Faculty Publications:**

Kindly refer following Google Scholar Link for Paper Publication: -

<https://scholar.google.com/citations?user=frNZEY0AAAAJ&hl=en>

- **Faculty Achievements:**

- Ideal teacher award for the year 2004.
- S.V. Patwardhan prize for best paper published in Journal of Indian Water Works Association for the year 2014-15.
- Best teacher award for the year 2014-15.
- Best paper award in First International Conference on Energy and Environment: Global Challenges March 09 & 10, 2018, Dept., of Chemical Engineering, NIT Calicut.
- Best paper award National Conference Recent Trends in Engineering and Technology (NCRET], 24th March, 2018, Organized by Sharad Institute of Technology, Yadrav.
- Best paper award in National Conference on Advancement and Innovations in Civil Engineering, 2019, Shimoga
- Best paper award 4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020)
- Best paper award National Conference on Interdisciplinary Advances in Sustainability and Technology, Shivaji University, Kolhapur, 2025

- **Research Projects/ Research Interest Areas:**

- Research Projects: -

Title	Rs. Lakh
Strengthening Postgraduate programme in Environmental Engg., FIST/DST, 2004-2009	17
Study on Water Quality and Treatment of Harvested Rooftop Rainwater, RPS/AICTE, 2009-2011	10
Package Treatment for Domestic Wastewater, RPS/AICTE, 2012-2014	22.50
Integrated Domestic Wastewater Treatment System with Multi-species and Dual Media Constructed Wetland, WTI/DST, 2016-2019	43

- Research Interest Areas: - Water Quality in distribution system, Chlorine decay studies in water network, Low cost water and wastewater treatment, On-site/Decentralized wastewater treatment, Application of soft computing in Environmental Engineering, Biorack constructed wetland, Rain water harvesting, Industrial wastewater treatment, Natural coagulants in water treatment

- **Administrative/ Co-curricular Responsibilities:**

Controller of Examinations	July 2007	June 2011
Dean RDQA	Nov., 2012	Oct. 2015
Dean Academics	Nov. 2015	June 2020
Head Department of Civil Engineering	Sept., 2022	April, 2025

- **Membership of Professional Bodies:**

- Indian Society for Technical Education (ISTE). LM 17025
 - Indian Water Works Association (IWWA). LM003405
 - Environmental Protection Research Foundation, Sangli (EPRF).
 - National Institute of Ecology, Jaipur.
 - Member Institution of Engineering and Technology (IET) 1100390297
 - Fellow, The Institute of Engineers (India), Kolkata (F-122097-3)
 - Member, Board of Studies, KIT's College of Engg., Kolhapur
 - Member, RAC, CRC and RRC of Shivaji University Kolhapur
 - Member, Board of Studies VIIT, Pune
 - Member, Departmental Advisory Board, Orchid College of Engg., Solapur
 - Chairman, Board of Studies Civil Engineering and Technology, Shivaji University Kolhapur (till 31st May, 2025)
 - Member, Academic council Shivaji University Kolhapur and ADCET, Ashta
 - Board of Studies, KIT's College of Engg., Kolhapur; VIIT, Pune; RIT., Sakharale; Govt., College of Engineering, Karad
 - RAC, CRC and RRC of Shivaji University Kolhapur
 - Departmental Advisory Board, Orchid College of Engg., Solapur
 - Doctoral committee, VTU, Belagavi (Karnataka)

- **Ph D Students:**

PhD Completed Students:	<ol style="list-style-type: none"> 1. Dr. Y. M. Patil, 2. Dr. S. S. Shaha, 3. Dr. V. T. Gaikwad, 4. Dr. R.M. Garud, 5. Dr. S. B. Hivaekar
PhD Ongoing Students:	Sh. B. R. Kavathekar

- **Bio sketch: -**

Dr. G. R. Munavalli is a Professor in the Department of Civil Engineering at Walchand College of Engineering Sangli, Maharashtra. He acquired the highest qualification Ph.D. in Engineering from the Indian Institute of Science, Bangalore in 2003. He has contributed significantly to the teaching of undergraduate and postgraduate programs for 33 years and is a recipient of the Ideal/Best Teacher award twice in his teaching career. Dr. Munavalli conducted research work in the areas of water quality variation in water distribution systems, water treatment, greywater treatment, on-site wastewater treatment, and integrated waste management. He has successfully guided 60 master's and 05 doctoral students. The research publications include 60 articles in reputed national/international journals and 90 conference proceedings. A few of his research articles have received the best paper awards. The citations, h-index, and i10-index are 888, 13, and 18, respectively. He completed research projects worth 70 lakhs funded by DST/AICTE.

Dr. Munavalli has served the institute as Controller of Examinations, Dean of Research and Quality Assurance, Dean of Academics, and Head of the Civil Engineering Department. He has been actively involved in i) Consultancy and testing activities and significantly contributed to the internal revenue generation of the institute; ii) Organized and attended many conferences/faculty development programs/Seminars/Workshops.

Dr. Munavalli has been a resource person/speaker in many training programs/seminars/workshops/conferences. Many Engineering colleges/institutes have benefited from his guidance on accreditation. He is a life member/fellow of professional societies viz. Indian Water Works Association. The Institute of Engineers (India), Kolkata, and Indian Society for Technical Education. Further, he served as an expert in AICTE/DTE EVC, a member of the Academic Council/Board of many institutes, and Chairman of the Board of Studies in Civil Engineering and Technology of Shivaji University Kolhapur.