

- **Faculty Profile**

	Name of Faculty	Prof. Pratap G. Sonavane
	Designation	Professor, Department of Civil Engineering
	Email Id	pratap.sonavane@walchandsangli.ac.in
	Qualification	Ph. D. Civil Engg.
Vidwan Id: - 286632	Specialization	Civil- Environmental Engg.

- **Professional Experience:**

Sr. No.	Designation	Institute/ Company Name	Experience in Years
1	Project Manager	Niwara Housing Development Corporation, Sangli	2
2	Lecturer/Assistant Professor	Walchand College of Engineering, Sangli	19
3	Associate Professor		4
4	Professor		Since Feb 2014

- **Faculty Publications: -**

Kindly refer following Google Scholar Link for Paper Publication: -

<https://scholar.google.co.in/citations?user=S518uo8AAAAJ&hl=en&oi=ao>

Under AICTE Translated & Published e-book entitled: Surveying & Geomatics

- **Faculty Achievements: -**

<b>Patents</b>		
1. A system & method for treating domestic wastewater Patent No 386442	Awarded	January 2022
2. Ultra-high strength nano concrete Patent No 398602	Awarded	June 2022
3. Egg Hatching - Design	Awarded	March 21
4. Real time temperature monitoring	Awarded	March 24
5. Egg hatching Utility	Review	September 21
6. Conduit Separator Cover for Transmission Line	Awarded	September 23
7. Smart Solar Electricity Generator Device	Awarded	September 23
<b>Training Programs / Conferences / Seminars/ Workshops</b>		
Attended	Organized	Resource Person
66	30	25
<b>Testing &amp; Consultancy Projects:</b> Audit, Design worth > 3.5 crore		
<b>E Resources Developed: 106</b>		
<a href="https://www.youtube.com/channel/UC98vUo_tJ5nPQx0ndBoMN0g/featured">https://www.youtube.com/channel/UC98vUo_tJ5nPQx0ndBoMN0g/featured</a>		

Awards	
Type	Number
Best paper: Integrated Solid Waste Management, Hyderabad	01
Sakal Excellence Award 2019	01
Sangli Excellence Award 2020	01

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

Sr. No.	Name of Project	Sponsoring Agency	Grant	Status (Ongoing/ completed)
1	National Air Quality Program for Sangli city	Maharashtra Pollution Control Board, Mumbai	Rs. 112 Lakh till Dec. 2022	PI-ONGOING
2	Fellowship for PG Students of Env. engineering, 2011	Maharashtra Pollution Control Board, Mumbai	Rs. 66 Lakh	PI-COMPLETED
3	Project on "Package Treatment for Domestic Wastewater" 23.1.13,20/AICTE /RIFD/RPS (Policy II) 41/2012-13;	AICTE under RPS Scheme	Rs. 22.50 Lakh	PI-COMPLETED
4	Integrated Domestic Wastewater Treatment System with Multi-species and Dual media Constructed Wetland", DST/TM/WTI/2K16/72	DST, under water technology initiative (WTI-2016)	Rs. 43.218 Lakh	CO-PI - COMPLETED

➤ **Research Interest Areas: - Civil – Environmental Engg.**

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

General Maintenance In charge	1992	2003
	2009	September 2011
Dean Planning	September 2011	December 2015
HoD, Civil Engineering	28 December 2015	March 2018
Deputy Director	12 March 2018	May 2023
Deputy Director & In-Charge Director	February 2019	March 2020
	July 2022	May 2023

- **Membership of Professional Bodies: -**

1. Institute of Engineers & Architects, Sangli
2. Indian society for technical education, Delhi\_LM 17023
3. Indian water works association, Mumbai\_LM 8283
4. The Institute of Engineers (India) F-122096

- **PhD Students: - NIL**

- **Bio sketch: -**

Dr. Pratap G. Sonavane, has been serving as a Professor in Civil Engineering since February 2014 in the Civil Engineering department of Walchand College of Engineering, Sangli. He started his career as a lecturer in the Department of Civil Engineering in August 1991 after working as a Project Engineer in a private construction firm. Since then, he has held duties as a maintenance in-charge, Dean Planning, HoD, Deputy Director and also as an in-charge Director. After his Ph.D. from Shivaji University, Kolhapur (MH), in July 2008 his research concentrated on the low-cost decentralized wastewater treatment systems. As an outcome, he has 63 publications, patents and many expert talks at institutes including NIT, Surat; IIT, Bombay, IITM, Belgavi, etc. A few of his research articles received a best paper/ presentation award. He has been a reviewer to IUCEE Virtual Academy and chaired many technical sessions. He translated a book under the AICTE-Technical Book Writing & Translation scheme, which has been launched by the All India Council for Technical Education (AICTE) to promote the use of 'Scheduled Regional Language' in Technical Education for creating knowledge base in the local language. He is a recipient of MPCB, DST and AICTE research grants worth more than 2.5 crore. In addition to many workshops, he was the convener of an international conference organised in March 2017 at WCE. He has been an expert to ULB, NGT and various government and non-Govt organizations. He is a PG-affiliated teacher and also a recognised PhD guide in Civil and Environmental Engineering. He has been actively involved in consultancy activities and significantly contributed to the internal revenue generation of the institute. 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 member of the Academic Council/Board of many technical institutes, and the Board of Studies in Civil Engineering of Shivaji University, Kolhapur. He has been an expert panel member appointed by the district collector, NGT and ULBs like Sangli and Kolhapur. He represents WCE as an institute of repute for the ambitious program of the National Clean Air Program of India.