

- **Faculty Profile:**

	Name of Faculty:	Dr. Deshbhushan Savindra Patil
	Designation:	Assistant Professor, Department of Civil Engineering
	Email Id:	deshbhushan.patil@walchandsangli.ac.in
	Qualification:	Ph.D. (<i>BITS Pilani</i>) PGDM- Urban Environment Management and Law (<i>NLU Delhi</i>) M. Tech. Civil- Construction Technology and Management (<i>VIT Vellore</i>) B. E. - Civil Engineering (<i>Shivaji University</i>)
Vidwan Id: - 572631	Specialization:	Construction Technology and Management

- **Professional Experience:**

Sr. No.	Designation	Institute/ Company Name	Experience in Years
1.	Assistant Engineer	Hardik Engineers, Mumbai.	0.5
2.	Assistant Professor	D. Y. Patil College of Engineering and Technology, Kolhapur	0.5
3.	Assistant Professor	Walchand College of Engineering, Sangli (Maharashtra)	01

- **Faculty Publications:**

Kindly refer following Google Scholar Link for Paper Publication: -

<https://scholar.google.com/citations?user=dL5Xm7IAAAAJ&hl=en&oi=ao>

- **Faculty Achievements:**

- Best Paper Award in the 6th INAE Conclave at IIT Jodhpur.

- **Research Interest Areas:**

- Research Interest Areas: - Construction Management, Building Information Modeling (BIM), Infrastructure Planning and Management, Geographical Information System (GIS), Urban Water Management System.

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

- MDM Lead Member– Smart Cities
- Member Secretary for MDM.

- **Membership of Professional Bodies:**

- Membership of the Indian National Academy of Engineering (INAE) from December 16, 2022 – December 31, 2027.
- Watermatex- 2023 Young Water Professional (YWP) scientific committee member
- ASCE: Environmental and Water Resources Institute Member.

- **Bio sketch:**

Dr. Deshbhushan Savindra Patil is a dedicated academic and researcher in the field of Civil Engineering, with a specialized focus on sustainable urban water management, Building Information Modeling (BIM), and GIS integration. He currently serves as an Assistant Professor in the Department of Civil Engineering at Walchand College of Engineering, Sangli. He holds a **Ph.D. in Civil Engineering** from **Birla Institute of Technology and Science (BITS), Pilani**, where his doctoral research focused on "*Planning and Design of a Sustainable Urban Water Management System Using GIS and BIM: An Integrated Approach*". He also holds an **M.Tech in Construction Technology and Management** from **VIT University, Vellore**, and a **postgraduate diploma in Urban Environment Management and Law** from **the National Law University, Delhi**. His undergraduate degree is a **B.E. in Civil Engineering** from **Shivaji University, Kolhapur**.

Dr. Patil's **research interests** include Construction Management, Infrastructure Planning, GIS, BIM, and Urban Water Systems. He has actively contributed to the field through multiple **research publications** in reputed journals, such as *Environmental Science and Pollution Research*, *Sustainable and Water Resources Management*. He also presented his work at various international conferences, including *CIC 2023 (Qatar)* and *SHMII-11 (Canada)*.

His technical proficiency includes tools, such as **Primavera P6, Revit, Navisworks, ArcGIS, QGIS, AutoCAD, and MATLAB**. He has also conducted several workshops and expert sessions across institutions on advanced topics, such as Q-GIS, DGPS, ANN tools, and Integrated Project Delivery using BIM. Dr. Patil is a **student member of the Indian National Academy of Engineering (INAE)** and serves as a **Young Water Professional (YWP) Scientific Committee Member** at Watermatex 2023.

Dr. Patil has also held several administrative and academic leadership roles, including serving as the Academic Coordinator, Project Coordinator for the B. Tech program (2024–25) and currently serves as the Member Secretary for the Multidisciplinary Minor Program at Walchand College of Engineering, Sangli. He was the Session Co-chair at the International Conference on Sustainable Urban Water Management in Fast-Growing Cities held at the BITS Pilani, Hyderabad Campus.

In addition to his academic roles, he has industry exposure through past roles at **L&T, GVK (Mumbai Airport)**, and **Hardik Engineers (Indian Navy projects)**.