



Department of Civil Engineering Faculty Profile

Prof. Pankaj R. Modak

BE, M.Tech (Environmental Engg.)(Ph.D
Pursuing)

Assistant Professor

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ResearchAreas/ Areas of Interest

Environmental Engineering, Remote Sensing & GIS, Geoenvironmental Engineering, Air Pollution Control Engineering

Personal Details

Date of Birth : 05 / 08 / 1982

Domicile: Maharashtra

Gender : Male

Blood Group: B+ve

Contact Details: B201, Chourang Smitshilp, Near A.M. College, Hadapsar,
Pune –411028

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.Tech	Environmental Engineering	VNIT	I st	May 2008
3	B.E.	Civil Engineering	VNIT	II nd	May 2005
3	Ph.D Pursuing	Civil Engineering	UoT	--	--

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	13	8
Total		13	8

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Surveying	UG	SE (Civil Engineering)	12
2	Geotechnical Engineering	UG	SE (Civil Engineering)	04
3	Advanced Surveying	UG	TE (Civil Engineering)	08
4	Environmental Engineering-I	UG	TE (Civil Engineering)	03
5	Environmental Engineering-II	UG	BE (Civil Engineering)	02
6	Air Pollution and Control	UG	BE (Civil Engineering)	04

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	10	01	--	04
Conferences	01	05	---	--	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	Heavy metal removal using agricultural waste adsorbents	P R Modak	2020	Test Engineering	0193-4120	Matingley
2	Assessment and improvement of urban water quality with web based MIS	P R Modak	2022	Airo International Research	2320-3714	Airo
3	An Investigation of the Quality of Urban sources of Water and the Advantages	P R Modak	2021	Airo International Research	2320-3714	Airo

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Heavy metal removal using agricultural waste adsorbents	P R Modak	2020	International conference on science, engineering	ISSN 0193-4120	IFERP, Pune

				and technology, organized by IFERP		
2	Micro Hydro Irrigation-A review	P R Modak	2021	Hydro 2021	--	---

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	--	70

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society of Hydraulics	National	Life	LM 1321
Institution of Engineers (India)	National	Life	M-160529-6
Solar Energy Society of India	National	Life	LM/2514/2021
The Indian Society for Technical Education	National	Life	LM 134139
Indian Water Works Association	National	Life	LM 10251

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
1	Concrete Technology	Technical Publications	978-9350996607
2	Basic Civil and Environmental Engineering	Success Publications	978-9351584148
3	Building Technology and Materials	Technical Publications	978-9350991541
4	Water Resources Management and Reservoir Operation	Springer	978-303093999

Details of Workshop/STTP/FDP/Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
1	Green technology for sustainable development	National Workshop	23-24 Jan 2019	National	SPPU
2	Applications of GIS	STTP	30 th Nov-18 th Dec 2020	National	AICTE

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Solid waste Management	Workshop	26-27 Feb 2020	Walchand College of Engineering, Sangli	AICTE (TEQIP-III)
2	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE

	Attainment				
3	Global perspective to low carbon emissions	GIAN course	11-16 May 2019	Visvesaraya National Institute of Technology, Nagpur	MHRD

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Coordinator, University of Hyderabad Entrance Examinations-2018, 2019 & 2020
2	Biogas facility incharge
3	Department Academic Coordinator

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Prof. Pankaj R Modak