

	Name: Prof. Abhinandan Ajitkumar Sangave	
	Designation: Assistant Professor	
	Qualification: B.E. (Civil), M.Tech. (Hydraulic)	
	Email-id: abhinandansangave@orchidengg.ac.in	
	Mobile No.: 9158521034	
	Age: 29	
	Total Experience:	05 Years
	Teaching:	05 Years
	Industry:	00 Years
	Area of Interests: Fluid Mechanics, Water Resources Engineering, Hydraulics	
Education:		
Masters: M.Tech. (Hydraulics) from Bharati Vidyapeeth Deemed University		Bachelors: B.E. (Civil) from Solapur University
Date of Joining this Institution (NKO CET):		20/04/2022
Subjects Taught		
At UG Level		At PG Level
1. Fluid Mechanics		
2. Hydraulics		
3. Water Resources Engineering		
4. Water Power Engineering		
5. Hydraulic Structures & Water Power Engineering		
6. Hydrology & Water Resources Engineering		
7. Dams & Hydraulic Structures		
Project Guided		
At UG Level: 02		At PG Level: 00
Software Proficiency		
		AutoCAD, HEC-RAS,
Conferences / STTP / FDP / Workshops		
		1. Two Week Workshops: 00 2. One Week Workshops/FDP/STTP: 08
Major Portfolios handled at College/ Department / University level		
1. V Lab Coordinator		2. ISE Coordinator
Association with Professional bodies		
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Research and Publications		
International Journals: 02		Conferences: 01
Achievements (if any)		
1. National Level Gold Medalist in Swimming 2. Department Topper in B.E. & M. Tech		
Link to personal website/Blog (If any)		

Thesis Guided: At UG Level

1. “Use of Tea waste in construction of Bricks to reduce cost & increase strength”
2. “Analysis of NPK value of soil in Mohol Region”

Research Publication:

1. “Mathematical model study for design of flood protection work for Himalayan River”, International Journal of Civil Engineering & Technology (IJCIET), Volume 9, Issue 5, May 2018, pp. 122–134
2. “Design and Estimation of Rainwater Harvesting System for College Campus in Solapur”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019

Workshop Attended:

- 1) One week workshop on “Geo-informatics for bio-diversity conservation planning” by Indian Space Research Organisation, Government of India, December 2021.
- 2) One week workshop on “Geo-spatial Modelling for Watershed Management” by Indian Space Research Organisation, Government of India, August 2021.
- 3) One week workshop on “Geo-spatial Technology for Hydrological Modelling” by Indian Space Research Organisation, Government of India, July 2021.
- 4) Five-day FDP on “Journey to Research & Beyond” by department of civil engineering in Dr. D. Y. Patil School of Engineering, Lohegaon, Pune, May 2021.
- 5) One week FDP on “Energy & Environmental Science, Technology & Management for sustainable development” by Dr. D.Y. Patil Institute of Technology, Pimpri, Pune, May 2021.
- 6) One-week STTP on “Sustainable Engineering to address Food-Energy-Water Nexus” by IIT Bombay, December 2019.
- 7) One-week STTP on “Marine Infrastructure Development: Efficient design of port, Terminals, Waterways & coastal structures” by IIT Bombay, July 2019.
- 8) Five-day STTP on “Innovative Teaching Techniques” by S.E.S Polytechnic Solapur, January 2016.