

Faculty Profile

Name Mrs. Ankita Ben Patel
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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D. (Pursuing)	College of Engineering, SPPU, Pune, India	
Master of Technology (M. Tech.) Microwave.	College of Engineering, SPPU, Pune, India.	2009
Bachelor of Engineering (B.E.) E&TC Engg.	Indira Gandhi Gov. Engineering College, Sagar, RGPV, Bhopal, M. P.	2011

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor, Pune Institute of Computer Technology, Pune.	18 th June 2019 - Present
2	Assistant Professor, Sinhgad Academy of Engineering, Pune	17 th July 2013 to 14 th June 2018
3	Assistant Professor, G. H. Rasoni College of Engineering and Management	16 th June 2009 to 14 th July 2013
3	Lecturer, Netaji Subhash Institute of Technology, New Delhi	1 st March 2002 to 31 st December 2005

Research Publications

Sr. No.	Title	Publication/Conference
1	Fifth-Generation (5G) Communication in Urban Environments: A Comprehensive Unmanned Aerial Vehicle Channel	Telecomm, MDPI, vol. 33, no. 5, 2024. https://doi.org/10.3390/telecom6010009

	Model for Low-Altitude Operations in Indian Cities	
2	Caption Driven Video Event Detection	4th International Conference on Intelligent Technologies, CONIT 2024 https://doi.org/10.1007/s11042-024-19977-0
3	Area coverage analysis of low altitude UAV base stations using statistical channel model	International Conference on Signal and Information Processing, IConSIP 2022 https://doi.org/10.1109/iconsip49665.2022.10007493
4	Coverage Estimation Using Probabilistic Line-of-Sight Model for Unmanned Aerial Vehicle Communication	Springer Proceedings in Mathematics and Statistics 2022 . https://doi.org/10.1007/978-3-031-19309-5_35
5	Energy conservation for wireless mobile ad hoc networks using hexagonal GAF protocol	Proceedings of the 12th International Conference on networking, VLSI and signal processing, 2010.

Books Published: --

Sr. No.	Title	Publisher & Year

Conferences / Seminars Attended: --

Sr. No.	Conference/Seminar	Year
1.	National Conference on Communications 2021 (NCC-2021) ,IIT Kanpur & IIT Roorkee	2021
2.	Unmanned Aerial System in Geomatics, IIT Roorkee	2021

Awards & Recognitions

Areas of Interest

Sr. No.	Area
1	Wireless Communication
2	5G and 6G communication
3	Wireless Network
4	Signal Processing