

Faculty Profile

Name Shahadev Dattatraya Hake

Designation Assistant Professor

Department E&TC Engineering

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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D.	SCTR's PICT, Pune	Pursuing
M.E. (E&TC)[Microwave	SCTR's PICT, Pune	2011
B.E. (E&Comm.)	Dr. B. A. M. U. A'bad	2009

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor, SCTR's PICT Pune	07 Dec 2011 to til Date

Research Publications

Sr. No.	Title	Publication/Conference
1	"Performance Enhancement of Circularly Polarized Microstrip Antenna Using Single-Layer Foam Substrate for 5.8 GHz ISM Band Applications."	<i>Telecommunications and Radio Engineering</i> , 2025
2	"Sub-Ultra Wideband ISM Range Patch Antenna Using Foam Substrate: A High-Gain Corner-Cut Design Approach"	<i>Russian Microelectronics</i> , 2024
3	"Design, Analysis and Fabrication of Dual Frequency Distinct Bandwidth Slot Loaded Wash Cotton Flexible Textile Antenna for ISM Band Applications"	Progress In Electromagnetics Research 2022
4	Slit Loaded Textile Microstrip Antennas"	IETE Journal of Research, 2020
5	Effect of different symmetric slits on microstrip patch antenna",	<i>International Journal Of Microwave Engineering (JMICO)</i> 2016.

Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
1	Patil Ashish, Sushama Patil, Pritam Nikam, Akshay G. Bhosale, Pravin S. Magdum, and Shahadev Hake. "Emerging 6G Services for the Smart Society: Towards Seamless Connectivity." In <i>2024 9th International Conference on Communication and Electronics Systems (ICCES)</i> , pp. 718-722. IEEE, 2024.	2024
2	Nikam, Pritam, Achinta Baidya, Jayendra Kumar, and Sahadev Hake. "Reconfigurable Dual Polarized Square Patch Antenna for ISM Band with PIN Diode Integration." In <i>International Conference on Communication, Devices and Networking</i> , pp. 225-233. Singapore: Springer Nature Singapore, 2022.	2022
3	Nikam, Pritam, Jayendra Kumar, Achinta Baidya, and Sahadev Hake. "'S' shape Defected Ground Structure four-band frequency reconfigurable antenna with PIN diode integration." In <i>2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICT)</i> , pp. 751-755. IEEE, 2022.	2022

Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	Topper in NPTEL Online Course (Electromagnetic Theory) organized by IIT, Kanpur from June-Oct 2021.	2021
2	Best paper in the IEEE Third International Conference on "Intelligent Computing, Instrumentation and Control Technologies (ICICT-2022)" held at Vimal Jyothi Engineering College, Kannur(Dt.) - 670632, Kerala, India on Aug 11th & 12th 2022	2022

Areas of Interest

Sr. No.	Area
1	Antenna
2	RF and Microwave
3	Wireless Communication