

Ankit Bhattacharjee

Contact information

Permanent Address : 1/C Tara Maa Apartment, Padmapukur,
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Career objective

To strive for attaining academic and research excellence through continuous learning and also want to create an efficient working and research environment by utilizing my teaching experience, skills and innovative thought process.

Academic qualifications

Doctor of Philosophy (Ph.D) – Pursuing

University : Indian Institute of Technology (Indian School of Mines),
Dhanbad
Department : Electronics and Communication Engineering
Research area : Advanced reconfigurable planar antennas
Advisor : Prof. Santanu Dwari (Senior Member, IEEE)
Year : March, 2017 to present date
(Expected date for thesis submission is June, 2022)

Master of Technology (M. Tech)

University : University of Calcutta
Department : Radio Physics and Electronics
Specialization : Space science and Microwaves
Marks : CGPA – 8.61 (81.1 %)
Thesis Title : Spur line loaded frequency notched disc monopole antennas
Advisor : Jawad Y. Siddiqui (Senior Member, IEEE)
Year : July, 2014 – June, 2016

Bachelor of Technology (B. Tech)

University : West Bengal University of Technology
Department : Electronics and Communication Engineering
Marks : CGPA – 9.05 (83 %)
Thesis Title : Microstrip patch antennas with multiband characteristics
Year : July, 2010 – June 2014

Higher Secondary (12th)

Board : West Bengal Council of Higher Secondary Education
Subjects : Physics, Chemistry, Mathematics, English and Bengali
Marks : 75.6 %

Year	:	2010
Secondary (10 th)		
Board	:	West Bengal Board of Secondary Education
Marks	:	78.12 %
Year	:	2008
Area of Interests	:	Microwaves and Planar Antenna Engineering
Professional Membership	:	IEEE Student Member
Publications	:	<p>1. A. Bhattacharjee and S. Dwari, "A Monopole Antenna With Reconfigurable Circular Polarization and Pattern Tilting Ability in Two Switchable Wide Frequency Bands," in <i>IEEE Antennas and Wireless Propagation Letters</i>, vol. 20, no. 9, pp. 1661–1665, Sep. 2021. (I.F. = 3.834)</p> <p>2. A. Bhattacharjee, S. Dwari, and M. K. Mandal, "Polarization-reconfigurable compact monopole antenna with wide effective bandwidth," <i>IEEE Antennas Wireless Propag. Lett.</i>, vol. 18, no. 5, pp. 1041–1045, May 2019. (I.F. = 3.834)</p> <p>3. A. Bhattacharjee and S. Dwari, "Wideband Frequency Reconfigurable Patch Antenna for Various Wireless Applications," <i>IEEE Indian Conference on Antennas and Propagation (INCAP-2018)</i>, Hyderabad, India, 16-19 December, 2018. DOI: 10.1109/INCAP.2018.8770796</p> <p>4. A. Bhattacharjee and S. Dwari, "Wideband monopole antenna with circular polarization reconfigurability and pattern diversity," <i>IEEE Indian Conference on Antennas and Propagation (INCAP-2021)</i>. DOI: 10.1109/InCAP52216.2021.9726343</p>
Software used	:	Ansoft HFSS, CST Microwave studio, ADS (basic idea).
Hands-on experience	:	Network Analyzers, Spectrum Analyzers, Signal Generators, Measurement inside Anechoic Chamber.
Reviewer Experience	:	Journals – (a) Microwave and Optical Technology Letters (b) IEEE Access (c) Journal of Electromagnetic Waves and Applications (d) International Journal of Antennas and Propagation (e) International Journal of Electronics
Academic Achievement	:	(a) Got Fellowship from MHRD during Master's Degree from the Institute of Radio Physics and Electronics, Calcutta University.

(b) Getting MHRD JRF and SRF for my research work in Dept. of Electronics and Communication Engineering, IIT (ISM) Dhanbad.

(c) Qualified the GATE (Graduate Aptitude Test in Engineering) exam in 2014, 2017 and 2019.

(d) Attended many seminar, webinar, workshop and competition (quiz, scientific model etc.) which were organized by IEEE during B.tech, M.Tech and Ph.D.

Teaching experience

Institute	:	Swami Vivekananda Institute of Science and Technology
Department	:	Electronics and Communication Engineering
Designation	:	Assistant Professor
Duration	:	15 th July, 2016 – 15 th March, 2017
Courses taught	:	(a) Circuit Theory and Networks (b) Wireless and Mobile communication (c) Basic Electronics (d) CMOS VLSI design (e) Industrial automation and control

Declaration : I hereby declare that all the details furnished by me are correct to the best of my knowledge and belief.

Date: 01/05/2022

Signature
(Ankit Bhattacharjee)