Name of Faculty	Dr. Jeet Ghosh
Designation	Assistant Professor
Nature of Job/Appointment	Regular
Date of Joining	08-11-21
E-mail	jeetghosh_ece@cbit.ac.in

Education Qualifications

	Name of the Degree	Class
Ph.D.	Doctor of Philosophy (ECE) Indian Institute of Engineering Science and Technology, Shibpur, West Bengal	Awarded (Full Time- CSIR SRF)
PG	M.Tech (Microwave Engineering) Burdwan University, Burdwan, West Bengal	Distinction
UG	B.Tech (ECE) West Bengal University of Technology, West Bengal	First

Work Experience

Teaching	3 Years
Research	--
Industry	--
Others	--

Area of Specialization	Microwave Antennas and Metamaterial
Academic Identity	Vidwan-ID:240678 Scopus Id: 57188955893 Researcher Id: I-7303-2019 Orcid Id: 0000-0002-6196-8782
Professional Memberships	--
Responsibilities held at Institution Level	i. Member of project screening committee GITAM school of Technology, GITAM University, Bangalore Campus
Responsibilities held at Department Level	---
Research Guidance	----
Awards Received	i. Received CSIR SRF award in 2015
Courses Handled at Under Graduate / Post Graduate Level.	Electromagnetic Theory, Microwave Engineering, Antenna and wave propagation, Fundamental of wireless communication, Cellular communication, Global Positioning system
No. of Papers Published	National Journals – -- International Journals – 13 National Conference – -- International Conference –02
Projects Carried out	----
Patents	----
Technology Transfer	----
Invited Speaker	----
No. of Books/Chapter Published with details	1. Jeet Ghosh., Gopinath Samanta, Chinmay Chakarborty, "Smart health care for societies: An insight into the implantable and wearable devices for remote health monitoring" In C. Chakraborty (Ed.), Green technological innovation for sustainable smart societies: Post pandemic era. ISBN 978 -3-030-73294-3, Springer, pp-89-113, 2021.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	1. Productivity tools for Teaching enhancement, 7th May to 21st May 2020, Dhyanahitha Education Society. 2. AICTE Training And Learning (ATAL) Academy Online FDP on "Wearable Devices" from 2020-11-30 to 2020-12-4 at Karunya Institute of Technology and Sciences
Details of Journal Publications/ Conferences	

International Journal publications

Jeet Ghosh, Rahul Dutta, Abhishek Sarkhel, Q.H. Abbasi, "Design of miniaturize flexible wideband frequency selective surface for electromagnetic shielding application", Waves in Random and Complex Media (Taylor and Francis) , Early Access, 2022.

Soumendu Ghosh, Jeet Ghosh, S. S. Moirangthem, Abhishek Sarkhel, "A low-profile multifunctional metasurface reflector for multiband polarization transformation". IEEE Transaction on Circuit and System II: Express Brief, Early Access, 2022

Rahul Dutta, Jeet Ghosh, Abhishek Sarkhel, "Planar frequency selective surface based switchable rasorber/absorber for airborne application". IEEE Antennas and Wireless Propagation Letters, ISSN 15361225, Vol 21, Issue. 9, pp. 1841-1846 , 2022.

Rahul Dutta, Jeet Ghosh, Zhengbao Yang, Xingqi Zhang, "Multi-band multi-functional metasurface-based reflective polarization converter for linear and circular polarizations". IEEE Access, ISSN - 2169-3536 Vol 9, pp.152738-152748, 2021.

S. S. Moirangthem, Jeet Ghosh, Soumendu Ghosh, & Abhishek Sarkhel, "Miniaturized dual antenna system for implantable bio-telemetry application". IEEE Antennas and Wireless Propagation Letters, ISSN 15361225, Vol 9, pp. 1394-1398 , 2021.

Rahul Dutta, Debasis Mitra, Jeet Ghosh, "Dual-band multifunctional metasurface for absorption and polarization conversion." International Journal of RF and Microwave Computer-Aided Engineering, ISSN: 1099-047X , Vol. 30, Issue. 7, pp. e22200, 2020.

Jeet Ghosh, Debasis Mitra,. "Restoration of antenna performance in the vicinity of metallic cylinder in implantable scenario". IET Microwaves, Antennas Propagation, *ISSN: 17518725, Vol.* 14, Issue.*12, pp. 1440–1445, 2020.*

Jeet Ghosh, Debasis Mitra, "A technique for reduction of mutual coupling by steering surface wave propagation" Microwave and Optical Technology Letters, ISSN: 0895-2477, Vol. *62*, Issue. 5, pp. 1957–1963, 2020.

Gopinath Samanta, Jeet Ghosh, Tarakeswar Shaw, Debasis Mitra, " Design of a polarization insensitive wideband absorber using graphene based metasurface" Progress in Electromagnetic Research Letter, ISSN: 1937-6480, Vol. *86*, pp 27–33, 2019.

Jeet Ghosh, Debasis Mitra, Shouvick Das, "Mutual coupling reduction of slot antenna array by controlling surface wave propagation". IEEE Transactions on Antennas and Propagation, ISSN. 1558-2221, Vol. 67, I*ssue* 2, pp. 1352–1357, 2018.

Jeet Ghosh, Debasis Mitra, S. R, Bhadra Chaudhuri, "Reduction of leaky wave coupling in a superstrate loaded antenna using metamaterial." Journal of Electromagnetic Waves and Applications, ISSN, 09205071, Vol. 32, Issue 17, pp 2292–2303, 2018.

Jeet Ghosh, Debasis Mitra, "Mutual coupling reduction in planar antenna by graphene metasurface for THz application. Journal of Electromagnetic Waves and Applications, ISSN, 09205071, Vol. 31, Issue 18,pp 2036–2045, 2017.

Jeet Ghosh**,** Sandip Ghosal, Debasis Mitra, S.R. Bhadra Chaudhuri, Mutual coupling reduction between closely placed microstrip patch antenna using meander line resonator. Progress In Electromagnetics Research Letter, Vol. 59, pp. 115–122, 2016.

International Conference Publications

Jeet Ghosh, S.R.B. Chaudhuri. "Design of graphene metasurface to mitigate mutual coupling in monopole antenna at lower THz frequency" 3rd International Conference on Microwave and Photonics (ICMAP), IIT(ISM) Dhanbad, Feb.9- Feb. 11, 2018.

Jeet Ghosh, Debasis Mitra, S.R.B. Chaudhuri, " Circularly polarized hexagonal slot antenna for broadband application" IEEE Applied Electromagnetics Conference (AEMC – 2015), Dec. 18- Dec- 21, 2015

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