



**Name** – Dr. Chanchala Kumari

**Designation** – Assistant Professor

**Teaching Areas** – Electronics and Electrical Engineering, Engineering Physics.

**Research Interests** – Antenna Design Engineering using Machine Learning

**Education** –

- Ph.D from BIT Mesra Ranchi, Jharkhand.
- M.Tech in ECE from IIT Kharagpur in 2015
- B.Tech in ECE from RVSCET Jamshedpur Jharkhand(2010)
- 3 Years Diploma Engineering In CSE from Govt. Womens Polytechnics Jamshedpur(2006).

**Professional Experience (8 years)-**

- Since 2024 january: ICFAI University Jharkhand, Ranchi.
- 2010-2011-RVSCET Jamshedpur Jharkhand
- 2011-2016 NIT Jamshedpur Jharkhand
- 2017-2019-ICFAI University Jharkhand

**Research (Publications/Presentations)-**

**Journals**

- Chanchala Kumari and Neela Chatteraj “Performance analysis of TSA array with elliptical patch” IJMWT December 2022. 1244 Published online by Cambridge University Press <https://doi.org/10.1017/S1759078722001313> (SCI )
- Chanchala Kumari & Neela Chatteraj (2022) Miniaturized Vivaldi Tapered Slot Antenna (VTSA) with Microstrip to SIW Feed Structure for X Band Application, IETE Journal of Research, DOI: [10.1080/03772063.2022.2142858](https://doi.org/10.1080/03772063.2022.2142858)

**Conference/Book Chapter**

- C. Kumari and N. Chatteraj, "Design of an Elementary Microstrip Power Splitter for Antenna Array," *2021 National Conference on Communications (NCC)*, IIT Kanpur, India, 2021,IEEE pp. 1-5, doi: [10.1109/NCC52529.2021.9530097](https://doi.org/10.1109/NCC52529.2021.9530097).
- Kumari, Chanchala and Neela Chatteraj. “Wide Band Vivaldi Antenna Design by Using SIW.” *Lecture Notes in Electrical Engineering* (2021):