

LIST OF PUBLICATIONS:

Book: (1)

1. Microwave Engineering by Sushrut Das. Oxford University press, 2014.

Patent: (2)

1. Title: Development of Hybrid Nanocomposites Based Radar Absorbing Materials and Process of Preparation Thereof
Inventor: Ganesh Chandra Nayak; Salim Hassan Siddiki; Sukanta Das; Sushrut Das; M. K. Patra; Mritunjay Kumar Pandey
Patent Number: 553485
Indian Patent Application No.: 202111034760 dated August 2, 2021
Applicant: Chairman, Defence Research & Development Organisation; The Registrar, Indian Institute of Technology (Indian School of Mines), Dhanbad
Status: Granted on 2nd August 2021
2. Title: A RF Sensor Antenna to Monitor the Net Electromagnetic Radiation in the Ambient Caused by Various Wireless Services
Inventor: Sushrut Das; Sourav Santosh
Patent Number: 578878
Indian Patent Application No.: 202331006062 dated January 31, 2023
Applicant: Indian Institute of Technology (Indian School of Mines), Dhanbad
Status: Granted on 23rd January 2026
3. Title: A High Isolation Miniaturized Slow Wave SIW Self-Quadruplexing Antenna for 5G Smart Wearable Devices
Inventor: Aditi Rani; Sushrut Das
Indian Patent Application No.: 202631057038 dated May 05, 2026
Applicant: Indian Institute of Technology (Indian School of Mines), Dhanbad
Status: Published on May 22, 2026

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1. S. Das and A. Chakraborty "A Novel Modeling Technique to Solve a Class of Rectangular Waveguide Based Circuits and Radiators," Progress in Electromagnetic Research, MIT, USA, Vol. 61, pp. 231-252, May 2006. (SCIE / Q1) [IF: 9.3]
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