

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 [Associate Professor, Dept. of Chemistry, IIT(ISM), Dhanbad]; Salim Hassan Siddiki [Research Fellow, Dept. of Chemistry, IIT(ISM), Dhanbad]; Sukanta Das [Scientist E, ITR Chandipur, Balasore, DRDO]; Sushrut Das [Associate Professor, Dept. of Electronics Engineering, IIT(ISM), Dhanbad]; M. K. Patra [Scientist E, Defence laboratory, Jodhpur DRDO]; Mritunjay Kumar Pandey [Jt. Director, EMR & IPR, DRDO Head Qtr (ER&IPR), DRDO]

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: Application submitted 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 [Associate Professor, Dept. of Electronics Engineering, IIT(ISM), Dhanbad]; Sourav Santosh [Ex-JRF, Dept. of Electronics Engineering, IIT(ISM), Dhanbad]

Indian Patent Application No.: 202331006062 dated January 31, 2023

Applicant: Indian Institute of Technology (Indian School of Mines), Dhanbad

Status: Application submitted on 2nd August 2021

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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: 6.1]

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