

Short Bio-data



Name: Parthasarathi Bera

Designation: Senior Principal Scientist

Division: SED

Area of Expertise:

Coatings and thin films: radar absorbing coating, wind turbine blade protective coating, thermal insulating coating, diamond-like carbon coating, electrodeposited Co–W and Ni–W based coatings

Heterogeneous catalysis for green energy: hydrogen production, fuel cell catalysis

Materials characterization: XRD, SEM, TEM, XPS, FTIR, Raman

Specialisation: Physical Chemistry

Publications: 145

Subject area willing to guide the student: Chemistry/Materials Science

Aero / Chemistry / Computer Science / Electronics / Electrical / Mathematics / Mechanical / Physics / etc.