

SHILABATI HEMBRAM

Assistant Professor, Department of Metallurgical and Material Engineering

Jadavpur University

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Curriculum Vitae

Education:

Degree	Year	University
PhD	Persuing	Indian Institute of Engineering Science and Technology, Shibpur (IEST, Shibpur)
M.E	2014	Indian Institute of Engineering Science and Technology, Shibpur (IEST, Shibpur)
B.E	2012	Bengal Engineering and Science University, Shibpur (BESU, Shibpur)

Teaching Experience:

Name of the Institution	Position Held	Period
Jadavpur University	Assistant Professor	2019 to till date

Field of specialization:

Physical Metallurgy, Surface Engineering, Surface Coating.

Course Taught/ Teaching:

Mineral Beneficiation

Surface Engineering and Coating Technology

Casting Technology

Introduction to Physical Metallurgy

Research Area:

Magnetic Nano Materials, Surface Engineering, Surface Coating

Journal Paper Published:

1. Preparation of FeCo/Cu Core Shell Magnetic Nanoparticles, S Hembram, A Sarkar, AB Mallick, P Deb, GSTF Journal of Engineering Technology (JET) 4 (2), 63
2. Effect of annealing treatments on the magnetic properties of FeCo/Cu core shell nanostructures, A Sarkar, S Hembram, S Chatterjee, AB Mallick, Materials Today: Proceedings 5 (1), 745-751
3. Carbon impact on surface morphology and electrical properties of Cu-TiC thin film
A Roy, S Hembram, M Ghosh, A Majumdar, Materials Research Express 7 (3), 036406
4. Magnetic behaviour of FeCo/Cu core shell nanoparticles, A Sarkar, S Hembram, S Chatterjee, P Deb, A Basu Mallick, Key Engineering Materials 719, 3-8
5. Carbon impact on surface morphology and electrical properties of Cu-TiC thin film (Retraction of Vol 7, art no 036406, 2020), A Roy, S Hembram, M Ghosh, A Majumdar MATERIALS RESEARCH EXPRESS 9 (8)
6. Conductive glass coating: Effect of atmospheric plasma treatment, A Roy, AK Mukhopadhyay, S Hembram, M Ghosh, A Majumdar, AIP Conference Proceedings 2115 (1), 030248