

BARNALI SENGUPTA

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Present Address:

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Educational Background

Examinations passed	Year	Institution/University	% of marks obtained/CGPA
PhD (Metallurgy and Materials Engineering)	2017-present	Indian Institute of Engineering Science & Technology (IEST) Shibpur	-
M. Tech. (Metallurgical and Materials Engg)	2007-2009	Indian Institute of Technology (IIT) Kharagpur	9.47/10.0
B. E. (Metallurgical Engineering)	2002-2006	Jadavpur University, Kolkata	76.9 %

Awards and Achievements

- **Stood first** among girls in South 24 Parganas District during Madhyamik Examination.
- **Qualified** WBJEE in 2002.
- **Qualified** Graduate Aptitude Test in Engineering (GATE), 2006
- **Recipient of DST Women Scientist A**

Projects

B.E project

Project Title: Extraction of titanium from rutile by methane-magnesium vapour

Thesis Supervisor: Dr. Dinabandhu Ghosh

M.Tech project

Project Title: Damage analysis of structural materials by magnetic parameter based NDE

Thesis Supervisor: Prof Dr K.K. Ray

PhD Topic

Title: In situ metal matrix nanocomposites: Effect of microstructural parameters on mechanical properties

Thesis Supervisor: Prof Dr A. Basu Mallick

Teaching Experience

- Worked as **Visiting Faculty** in **Department of Metallurgy and Materials Engg, IEST Shibpur** from September 2018 to December 2018

Research Experience

Period	Organization	Designation
July 2017 – December 2018	Department of Metallurgy and Materials Engg, IEST Shibpur	PhD Scholar
January 2017 - July 2017	CSIR-Central Glass And Ceramic Research Institute (CGCRI), Kolkata	Project Assistant – Level III
June 2016 – October 2016	CSIR-Central Glass And Ceramic Research Institute (CGCRI), Kolkata	Junior Research Fellow

Industrial Experience

Period	Organization	Designation
July 2009 – April 2011	M.N. Dastur & Company (P) Ltd, Kolkata	Engineer
May 2011 – February 2016	M.N. Dastur & Company (P) Ltd, Kolkata	Senior Engineer

Papers presented in the conferences

Title of the paper	Title of the seminar	Organizing authority	Year of presentation
Damage analysis in structural materials by magnetic parameter based NDE	NMD ATM 2010	Indian Institute of Metals	2010
Synthesis of polymer microspheres by emulsion polymerization for biomedical applications	ICFNM 2016	IEST Shibpur	2016

Personal Information

Father's Name : Prolay Kumar Sengupta
Sex : Female
Nationality : Indian
Languages Known : Bengali, English, Hindi

Declaration

I hereby declare that the above informations are true to the best of my knowledge.

Barnali Sengupta