

## Biodata of Prof. Gopinath Halder

**Name** : Dr. Gopinath Halder  
**Designation** : Professor  
**Department** : Chemical Engineering  
**Institute/University** : National Institute of Technology Durgapur  
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### Academic Background:

- Ph.D, Chemical Engineering from Jadavpur University, Kolkata, 1998-2003
- M.Tech, Chemical Engineering from Jadavpur University, Kolkata, 1996-1998
- B.E., Chemical Engineering from Regional Engineering College, Durgapur, 1992-1996

### Experience:

➤ Research - 21 years | Teaching -18 years | Industrial - 01 year

### Research Interest:

- Biofuel, Heterogeneous Carbonaceous Catalyst support and Nano-sorbent Synthesis
- Wastewater Treatment: Biosorption, Phyco and Microbial remediation, safe disposal.
- Solid waste Management: LDPE/HDPE plastic management by biodegradable polymer synthesis, safe disposal. Biofertilizer formulation and development from solid waste.

### Publications:

**Research Articles:** Published in SCI Journals: **145 nos[h-index: 32 & i10-index: 88]**

**Text Book Authored:** 01

Title: Introduction to Chemical Engineering Thermodynamics

Publisher: Prentice Hall of India Pvt Ltd, New Delhi

Year of publication: 2009 (1<sup>st</sup> edition) and 2013 (2<sup>nd</sup> edition)

ISBN:978-81-203-3846-3

**Book Chapters:** 05

**Sponsored Research Projects Handled:** 10 nos

Funding agents: DST& DBT-Govt. of India, DST& DBT-Govt. of West Bengal.

### Doctoral Program Guidance

Nos of PhD Awarded: 10, Nos. of PhD Ongoing: 06

### Awards and Recognitions:

- ✚ Fast Track Young Scientist Project Award by DST-Govt. of India
- ✚ Expert member for Faculty & Research fellow selection committee
- ✚ Honoured as Examiner for evaluation of PhD thesis
- ✚ Acted as External Expert for Selection of JRF
- ✚ Faculty Branding Awards under Young Scientist category in 2017
- ✚ Honoured as 'Paper setter' of UPSC-Govt of India Examination
- ✚ Outstanding Reviewer Award from Elsevier Publisher for 15 journals
- ✚ DST-Research fellowship and UGC-GATE Scholarship

**Short Term Course Conducted as Coordinator:** 08 Nos

### Membership of Learned Societies:

- Member, Royal Society of Chemistry, London
- Member, American Society of Chemical Engineers, USA
- Indian Cryogenics Council (ICC), India
- Indian Institute for Chemical Engineers (IChE), India
- Institution of Engineers (IE), India

**Date:** May 09, 2022 **Prof. Gopinath Halder**