

## CURRICULUM VITAE

### **Personal Information:**

- Name: Dr. Goutam Bit
- Father's Name: Late Rabi Lochon Bit
- Residential Address: Suhasini Aptt. Flat No. 2B, Fatakora-Chandannagar-Hooghly
- Address for Communication: PRINCIPAL-B N Mahavidyalaya, Itachuna-Hooghly=712147
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### **Education:**

- Ph.D. (Physical Chemistry)
- M.Sc. (Chemistry), North Bengal University
- B.Sc (H), Burdwan University

### **Teaching Experience:**

- 28 years of teaching experience, including 11 years as Principal

### **Languages known:**

- English: Speak, read, and write
- Bengali: Speak, read, and write
- Hindi: Speak

### **Research Papers:**

1. "Bark Extract of Schimawallichia (theaceae) Acts as Indicator in Acid Base Titration." Indian J. Environ. & Ecoplan. 6(2): 379-380 (2002) . ISSN:0972-1215
2. "Molecular Dimension and Interaction Parameters of Polyacrylamide in Water-N,N'-Dimethylformamide Mixtures." Journal of Macromolecular Science Part A: Pure and Applied Chemistry. 42:965-976 (2005) . ISSN: 09476539: <https://doi.org/10.1081/MA-200065825>
3. "Dilute Solution Behaviour of Progressively Hydrolysed Polyacrylamide in Water-N,N'-Dimethylformamide Mixtures." European Polymer Journal 42:544-552 (2006) - . ISSN: 1060-1325: <https://www.sciencedirect.com/science/article/pii/S0014305705003605>
4. "Micellar Shape Transition under Dilute salt-free Conditions: Promotion and Self-Fluorescence Monitoring of Stimuli-Responsive Viscoelasticity by 1- and 2-Naphthols." J. Phys. Chem. B 112, 4642-4647 (2008) ; ISSN: 1520-6106  
<https://doi.org/10.1021/jp709850u>
5. "Water-soluble co-polymers of acrylamide with N-(1, 1-dimethyl-3- oxybutyl) acrylamide and N-tert-butylacrylamide on aqueous vermiculite microenvironment: Synthesis and Characterisation." Journal of Surface Science and Technology. 2010, 26, 23-38 : ISSN: 0317, 0971-457X [https://www.researchgate.net/publication/287931948\\_Water-soluble\\_co-](https://www.researchgate.net/publication/287931948_Water-soluble_co-)

[polymers of acrylamide with N-11-dimethyl-3-oxybutyl acrylamide and N-tert-butylacrylamide on aqueous vermiculite microenvironment Synthesis and characterization](#)

6. "Redox polymerization of acrylamide in aqueous vermiculite clay environment: Kinetics and mechanism." Journal of Surface Science and Technology. 2010, 26, 39-61 - ISSN0971-457X: [https://www.researchgate.net/publication/286588202\\_Redox\\_polymerization\\_of\\_acrylamide\\_in\\_aqueous\\_vermiculite\\_clay\\_environment\\_Kinetics\\_and\\_mechanism](https://www.researchgate.net/publication/286588202_Redox_polymerization_of_acrylamide_in_aqueous_vermiculite_clay_environment_Kinetics_and_mechanism)
7. "Free radical cross-linking copolymerisation of acrylamide and N,N'-methylene-bis-acrylamide by using Fe (III)/thiourea and Ce (IV)/thiourea redox initiator systems." - ISSN:0975-0991:<https://www.bing.com/ck/a?!&&p=052d28ffb864ad9aJmltdHM9MTY4NDg4NjQwMCZpZ3VpZD0yNmNjMmQwOC0yMGJhLTZmMDEtM2Q5Ni0zZTA3MjExNzZlYjYmaW5zaWQ9NTE3MQ&p=3&hsh=3&fclid=26cc2d08-20ba-6f01-3d963e0721176eb6&u=a1aHR0cDovL25vcHlubmlzY3ByLnJlcy5pbj9iaXRzdHJlYyW0vMTIzNDU2Nzg5LzQyMjIvMS9JSkNUJTIwMTYlMjgyJTI5JTIwMTk2LTI5O5S1wZGY&ntb=1>
8. "Solution properties of polymer-nonionic surfactant mixed system." Journal of Dispersion Science and Technology, 2010, 31, 1-6 - ISSN: 15322351: <https://doi.org/10.1080/01932690903223971>
9. "Solution properties of Polymer-Nonionic surfactant mixed system." Journal of Dispersion Science and Technology, 31:1085-1090 - ISSN:15322351: <https://doi.org/10.1080/01932690903223971>
10. "Studies on solution properties of Polyacrylamide in water and progressively hydrophobized alcohol mixtures." Science and Technology Journal, Vol. 1(2): 8-12, July 2013 - ISSN: 0.172, 2321-3388

**Research Books:**

A) "Polyacrylamide: Clay Catalyzed Synthesis and its solution properties." Published by VDM Verlag Dr. Muller GmbH & Co., Germany. ISBN: 978-3-639-36847-5.

B) "Synthesis and Solution Properties of Water Soluble Polymers." Published by VDM Verlag Dr. Muller GmbH & Co., Germany/ ISBN: 978 3 639 27353-3

**Teaching and Related Services:**

1. Joined as Lecturer on 12.12.1995
2. Promoted to Senior Grade on 12.12.2001
3. Re-designated as Assistant Professor on 01.01.2006
4. Re-designated as Associate Professor on 12.12.2009
5. Joined as Principal at B.N. Mahavidyalaya on 22.9.2012
6. Selected as Assessor of NAAC-2022