CURRICULUM VITAE

1. **Name in full** : Dr. GOBINDA CHANDRA DE

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6. **Office Address** : Head, Department of Chemistry, Cooch Behar Panchanan Barma University, Vivekanada Street, Cooch Behar-736101

7. **Present Designation** : Associate Professor of Chemistry.

8. **Date of Birth** : 09-06-1965

9. **Nationality** : Indian

10. **Whether Belong to SC/ST/ OBC**: No

11. **Marital Status** : Married

12. **Educational Qualification** :

Examination Passed	University	Name of the Institution	Year of Passing
B.Sc (Hons)	Calcutta University	R.K Mission Residential College, Narendrapur	1986
M.Sc	Calcutta University	University of Calcutta	1988
Ph.D (Sc)	Calcutta University	University of Calcutta	1995

13. **Fellowship, Award etc** : NET qualified January 1989, December 1989,
Research Associate ship at J.U was provided by the DST.
"Best Teacher Award" was conferred on by the Chemical Research Society of India while celebrating the "International Year of Chemistry- 2011".

14. Work Experience :

Position Hold	Name of the employer	Nature of the assignment	Period	
			From	To
Lecturer in Chemistry	Principal, Alipurduar College	Permanent	27-11-1997	26-11-2001
Sr. Lecturer	do	do	27-11-2001	26-11-2006
Reader	do	do	27-11-2006	26-11-2009
Associate Professor	do	do	27-11-2009	31-10-2017
Associate Professor	Registrar, Cooch Behar Panchanan Barma University	do	01-11-2017	Till date

15. Funded Research Projects carried out as PI:

Agency	Project Sanction No	Amount
University Grant Commision	F.PSW-113/09-10 (ERO) (Minor Research Project)	Rs. 198000

16. RESEARCH EXPERIENCE: Did Ph.D under the guidance of Professor S.Aditya, Department of Chemical Technology, University College of Science and Technology, Calcutta University.
Title of the Ph.D Thesis : " **Mixed Semiconductor Particulate Systems : Studies on Photocatalytic Properties**"
Field of Work (Ph.D) : Electrochemistry, Photoelectrochemistry, Solar Hydrogen production, Semiconductor nanoparticle synthesis, UV-Vis absorption, Fluorescence, XRD spectral studies on Semiconductor systems.

17. Postdoctoral Research Experience: Worked as a Research Associate under Professor S.P. Moulik at the Centre for Surface Science, Department of Chemistry, Jadavpur University, in a DST sponsored project "**Energetic, Surface Chemical, and Photochemical studies of Self-Organising Systems**" during the period April 6, 1996 to November 25, 1997.
Field of work (Post doctoral): Surface Chemistry, Surfactants, Micelles, Reverse Micelles, Thermodynamic studies on Microemulsions, Nanoparticles, Dynamic and Static Light Scattering (DLS & SLS), Calorimetric and SEM, TEM studies on nanomaterials.

18. Memebership of learned Societies: Life Member, "Indian Society for Surface Science and Technology", at the Department of Chemistry, Jadavpur University, Kolkata.

19. Paper Reviews : Have been working frequently as reviewers for papers submitted for publication to 'International Journal of Hydrogen Energy' , 'Electrochemistry Communication' , 'Material Science & Engineering: B' etc.

20. No. of Papers published : 17

Publications

1. Study of CdS-ZnS photocatalyst loaded with Pd & Pt embedded on immobilized matrix for decomposition of Na_2S-Na_2SO_3 solution by solar energy using different sacrificial substrates and photosensitizer; De, Gobinda Chandra; Roy, Pushpita; Roy, Anadi Mohan; Journal of Surface Science and Technology (2012), 28(1-2), 37-54.
2. Interfacial and Self-Aggregation of Binary Mixtures of Anionic and Nonionic Amphiphiles in Aqueous Medium; Ghosh, Soumen; Das Burman, Anupam; De, Gobinda Chandra; Das, Akhil Ranjan; Journal of Physical Chemistry: B (2011), 115(38), 11098-11112
3. Production of solar hydrogen through photocatalysis by CdS and CdS/ZnS modified by Pt, Ag2S and Si; De, G. C.; Journal of the Indian Chemical Society (2008), 85(12), 1307-1313.
4. Immobilisation of CdS, ZnS and mixed ZnS-CdS on filter paper Effect of hydrogen production from alkaline $Na_2S/Na_2S_2O_3$ solution; Roy, A. M.; De, G. C. Journal of Photochemistry and Photobiology, A: Chemistry (2003), 157(1), 87-92.
5. Semiconductor nanoparticles (CdS, ZnS and ZnxCd1-xS) in reverse micellar media; De, G. C.; Roy, A. M.; Saha, S.; Aditya, Sukumar; Journal of the Indian Chemical Society (2003), 80(5), 551-557.
6. Kinetics of Photoproduction of Hydrogen by mixed CdS-ZnS photocatalyst fixed on immobilized matrix from Na_2S-Na_2SO_3 solution; Roy, A. M.; De, G. C. ;Journal of Surface Science and Technology (2001), 17(3-4), 213-224.
7. Photocatalytic hydrogen production with CdS and CdS/ZnS modified by different electron hole transfer additives using visible light; De, Gobinda Chandra; Roy, Anadi Mohan; Journal of Surface Science and Technology (1999), 15(3-4), 147-158.
8. Physicochemical Studies on Microemulsions. 6. Phase Behavior, Dynamics of Percolation, and Energetics of Droplet Clustering in Water/AOT/n-Heptane System Influenced by Additives (Sodium Cholate and Sodium Salicylate); Moulik, S. P.; De, G. C.; Bhowmik, B. B.; Panda, A. K.; Journal of Physical Chemistry B (1999), 103(34), 7122-7129.
9. Dispersed Molecular Aggregates. 1. Synthesis and Characterization of Nanoparticles of Cu2[Fe(CN) 6] in H2O/AOT/n-Heptane Water-in-Oil Microemulsion Media: Moulik, S. P.; De, G. C.; Panda, A. K.; Bhowmik, B. B.; Das, A. R.; Langmuir (1999), 15(24), 8361-8367.
10. Effect of n-Si on the photocatalytic production of hydrogen by Pt-loaded CdS and CdS/ZnS catalyst; De Gobinda Chandra; Roy, Anadi Mohan; Bhattacharya, Sitansu Sekhar; International Journal of Hydrogen Energy (1996), 21(1), 19-23.
11. Determination of soluble sulfide in presence of interfering ions by complexometric method; Roy, Anadi Mohan; De, Gobinda Chandra; Journal of the Indian Chemical Society (1996), 73(6), 287-289.
12. Photophysics of ultrafine CdS and ZnS in AOT-heptane-water microemulsion; Roy, Anadi Mohan; De, Gobinda Chandra; Saha, Subrata; Journal of the Indian Chemical Society (1996), 73(1), 31-5.
13. Studies on absorption spectra of mixed zinc-cadmium sulfide microparticles stabilized in AOT-heptane-water and CTAB-chloroform-water inverse micellar systems; De, G. C.; Roy, A. M.; Saha, S.; Journal of Photochemistry and Photobiology, A: Chemistry (1995), 92(3), 189-92.
14. Determination of the flatband potential of semiconductor particles in suspension by photovoltage measurement; Roy, A. M.; De, G. C.; Sasmal, N.; Bhattacharyya, S. S.; International Journal of Hydrogen Energy (1995), 20(8), 627-30.
15. Photocatalytic production of hydrogen and concomitant cleavage of industrial waste hydrogen sulfide; De, G. C.; Roy, A. M.; Bhattacharya, S. S.; International Journal of Hydrogen Energy (1995), 20(2), 127-31.

16. Photophysics of ultrafine CdS, ZnS, and mixed microcrystallites of ZnxCd(1-x)S stabilized in inverse micellar systems. De, G. C.; Roy, A. M.; Saha, S.; Aditya, S. Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), COLL-200.
17. Interaction of a Cationic Surfactant with an Oppositely Charged Polymer; Soumen Ghosh, Arpan Mal, Tanushree Chakraborty, Gobinda Chandra De, Daniel Gerrard Marangoni; Journal of Surface Science and Technology, Volume 32, Issue 3-4, December 2016, Pagination: 107–114.