



Dr. Ajay Kumar Manna

M.Sc., M.Tech., Ph.D.

Designation: Associate Professor

Department: Chemistry

Ramananda College, Bishnupur

Bankura, West Bengal, India

E-mail:-ajoymanna@gmail.com



AREAS OF INTEREST/SPECIALISATION

- Organic Chemistry.
- Organic catalysis, Green Synthesis of Nanocatalysts
- Catalysis for high polymers

ACADEMIC ACHIEVEMENTS

- Qualified in CSIR-1993
- GATE-93 (Percentile: 99.83).
- SLET-97

RESEARCH EXPERIENCE

From	To	Name and Address of Company / Organization	Position held
1995	1999	IIT Kharagpur	JRF & SRF (CSIR)
2000	2001	IIT Kharagpur	RA (CSIR)
Dec- 2006	March-2009	Ramananda College, Bishnupur, Bankura, WB.	UGC-MRP- Principal Investigator.
Jan- 2017	March-2019	Ramananda College, Bishnupur, Bankura, WB.	UGC-MRP- Principal Investigator.

ACADEMIC EXPERIENCE

- Teaching at UG (Honours) and General Courses since 2001-2021
- Teaching at PG Level (Guest teacher) since 2017-2020

ADMINISTRATIVE EXPERIENCE

- Departmental Head July, 2007 - June, 2009 & July, 2020 – June, 2022.
- Coordinator IQAC, Nov-2013-May-2015.

PUBLICATIONS

(List of Journals/Proceedings/Chapter in Books)

Year 2018

- “Green Synthesis of Nickel Nano-catalyst and its Catalytic Activities”, Paper Presented in International Conference on Nanotechnology (ICNT-2018), Organized by Institute of Fire and Safety Engineering, Brajalalchak, Haldia, West Bengal, INDIA.

Year 2017

- “Development of Nickel Based Nanocatalyst for Hydrogenation and Desulfurization of Organic Compounds” Paper presented in International Science Seminar, “Science: Past, Present & Future”, Organized by Syamsundar College Jointly with Indian Chemical Society, INDIA. 12-12-2017.

Year-2015

1. “Regenerated Polyethylene from Polyethylene Wastes: A Case Study”, A. K. Manna, *International Journal of Environmental Sciences*, Vol.4 No.1, 2015, Pp. 31-34. (Online version available at: www.crdeep.com).
2. “Green Synthesis of Charcoal Based Silver Nanoparticles - Characterization and Inorganic Arsenic Absorption Properties”, A; K. Manna, *International Journal of Science and Research (IJSR)*, Volume 4 Issue 2, February 2015. Pp. 2392-2395 (www.ijsr.net, Paper ID 24021503).
3. “Supramolecular Chemistry- Concepts and Applications”, A. K. Manna, *International Journal of Science and Research (IJSR)*, Volume 4 Issue 4, April 2015. Pp. 2392-2395 (www.ijsr.net, Paper ID 29031502). *A Review Paper*.

Author of Books

- ‘**Organic Molecular Spectroscopy**’- Dr. Ajay Kumar Manna, , Books and Allied (P) Ltd. Publisher, Kolkata, **November-2017**, ISBN-978-93-84294-92-2
- “**Practical Organic Chemistry**”, Dr. Ajay Kumar Manna, Books and Allied (P) Ltd. Publisher, Kolkata, **July- 2018**, ISBN-978-93-84294-12-0

PERSONAL DETAILS IN BRIEF

Date of Birth : 25-09-1968

Marital Status : Married

Nationality : Indian

Current Designation : Associate Professor

Permanent Address : Vill- Hogalberia, P.O. Ramtarakhat,
Dist.- Purba Medinipur, PIN-721151.

Email : ajoymanna@gmail.com

Phone Number : 9732130372