

CURRICULUM VITAE

Biswajit Maiti

Department of Chemistry
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Date of birth: November 7, 1973.

Nationality: Indian

Sex: Male

Marital status: Married

Academic qualifications:

Ph. D., Theoretical Chemistry, January 2001
Indian Institute of Technology Kanpur, India
Thesis title: A Time-dependent Quantum Mechanical Investigation and Periodic Orbit Analysis for $(\text{He}, \text{H}_2^+)$ System and its Isotopic variants
Thesis Advisor: Professor N. Sathyamurthy

M. Sc., Physical Chemistry, June 1996
University of Calcutta, India

B. Sc., *with honours* in Chemistry, August 1994
University of Calcutta, India

Professional Experience:

- Project Assistant, August – December 1996, Department of Chemistry, Indian Institute of Technology Kanpur, India
- Research Fellow, January 1997 – January 2001, Department of Chemistry, Indian Institute of Technology Kanpur, India
- Project Associate, February – June 2001, Department of Chemistry, Indian Institute of Technology Kanpur, India
- Post Doctoral Fellow, July 2001 – June 2005, Department of Chemistry, Northwestern University, USA

- Lecturer, September – December 2005, Department of Chemistry, Birla Institute of Technology and Science, Pilani, India
- Assistant Professor, December 2005 – December 2017, Department of Chemistry, Banaras Hindu University, Varanasi, India
- Associate Professor, January 2018 - December 2020, Department of Chemistry, Banaras Hindu University, Varanasi, India
- Professor, January 2021 - Current, Department of Chemistry, Banaras Hindu University, Varanasi, India

Projects:

- Theoretical Investigation of Intersystem Crossing in the $O(^3P)$ + Hydrocarbons reactions: April 2007 – March 2010, sponsored by DST, New Delhi, amount Rs. 19 Lakhs.
- Theoretical Investigation of Light Scattering From Biological Cells: May 2007 – April 2010, sponsored by CSIR, New Delhi, amount Rs. 11 Lakhs.
- Theoretical Investigation of Importance of Intersystem Crossing in Chemical reactions: Dec. 2011 – Nov. 2014, sponsored by DST, New Delhi, amount Rs. 48.4 Lakhs.

Ph.D. Students:

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|------------------------|-------------|
| • Dr. Karunamoy Rajak | Awarded |
| • Dr. Akshay Kr. Rauta | Awarded |
| • Dr. Subhendu Gosh | Awarded |
| • Dr. Mrinmoy Mandal | Awarded |
| • Mr. Prabhash Mahata | Fourth year |