

Utpal Sarkar (Ph.D. IIT Kharagpur)

For details please visit: <https://sites.google.com/site/utpalphysa/>

Google scholar

h-index: 27, i-10 index-54 (source Google scholar)

Research Interest:

- Conceptual Density Functional Theory (DFT)
- Electronic structure calculations.
- Nano Structure Simulation.
- Designing of Novel Materials
- Chemical Reactivity Parameters



Awards:

- (a) Member of **the National Academy of Sciences India (NASI)**.
- (b) Life Member of **the Indian Chemical Society (ICS)**.
- (c) Life Member of **the Materials Research Society of India (MRSI)**.
- (d) Life Member of **the Chemical Research Society of India (CRSI)**.
- (e) **Guest Editor** for the Topical Collection (ICSPPCB-2018) in the **Journal of Molecular Modelling**.
- (f) **Regular Associateship in ICTP**, Trieste, Italy (2013-2019).
- (g) **INSA visiting fellow** for the year 2013-2014.
- (h) **Visiting scientist POSTECH** (ranked "ONE" of the world's top 100 universities under 50 years old), South Korea during May 25, 2012 to July 11, 2012.
- (i) **Postdoctoral Fellow (CNRS)** in USTL, France in 2008.
- (j) **Indo French Postdoctoral Fellow** in CEA-Grenoble, France in 2007.
- (k) **Postdoctoral Fellow** in McMaster University, Canada in 2006.
- (l) **DAAD** (German Academic Exchange Service) Fellow in University of Regensburg, Germany, 2005.
- (m) **CSIR NET-2000** (National Eligibility Test).
- (n) **GATE-1999** (Graduate Aptitude Test in Engineering).
- (o) Reviewers: Journal of Physical Chemistry, ACS Omega, ACS Applied Nano Materials, Phys. Chem. Chem. Phys., RSC Advances, New Journal of Chemistry, Chemistry Select, International Journal of Quantum Chemistry, Chemical Physics Letter, Applied Surface Science, International Journal of Hydrogen Energy, Nanotechnology, J of Molecular Modeling, J. Molecular

Graphics and Modelling, Computational Material Science, J. Materials Science, Journal of Alloys and Compounds, Physics Letter A, Journal of Electronic Materials, Solid State Sciences, Materials Chemistry and Physics, Materials Science in Semiconductor Processing, Physica Scripta, Journal of Inorganic and Organometallic Polymers and Materials, Journal of Nanostructure in Chemistry, Diamond and Related Materials etc.

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