

Teacher's Profile

Name: Dr Sudeshna Ghosh

About

Email Id:- sudeshnakarghosh@rediffmail.com

Date of Joining:-01/08/2017

Qualification: MSc, PhD, GATE,B.Ed

Area(s) of Interest:-Physical Chemistry, Biochemistry

Specialization/Research Interest:-Surface Chemistry, Nanotechnology

Teaching Experience:- 18 years

Additional Information:

HOD of Department of Chemistry from 2017 till date

Activities

Participation in Seminar/Conference/Workshop/Symposium

Sl No	Year	Title	Organized By
1	2000	TC2K: Discussion meeting on Theoretical Chemistry	IIT-Kanpur
2	2008	Workshop on Undergraduate science education	Vidyasagar College, Kolkata
1	2020	Teaching, Learning and Evaluation in HEIs in Pandemic and Post Pandemic India	Indian Academic Researchers' Association
2	2020	Scientists under Scanner: Whwn they are stepping against the ethics of Science	Department of Chemistry, Bhawanipore Education Society College Kolkata
3	2020	Quantum Mechanical Picture of Periodic Table	Vellore Institute of Technology, Chennai
4	2020	Developing Skills through ICT Tools and Techniques	Gokhale Memorial Girls' College, Kolkata
5	2022	Two day workshop on -Promoting Research Excellence in Academics across West Bengal (16th-17th August)	Researcher Academy on Campus
6	2022	IP Awareness/Training program	Intellectual Property Office, India
7	2023	One day Workshop on the newly introduced UG Chemistry Syllabus for the 4 year Honours Degree course and the 3 year MDC of the University of Calcutta	Scottish Church College, Kolkata

Presentation

Sl No	Year	Title	Organized By
1	2000	SERC school on Statistical Mechanics and Simulation techniques	DST
2	2000	Poster Presentation in TC2K: Discussion meeting on Theoretical Chemistry	IIT-Kanpur

Publication

SI No	Year	Title (Journal/Book /Book Chapter/	Name as applicable	ISBN/ISSN
1	2000	Instantaneous normal mode analysis of the levitation effect in zeolites;J. of Phys. Chem. B 2000,104, 709	Kar, S., Chakravarty, C.	1520-6106
2	2001	Computational evaluation of Henry's constants and isosteric heats of sorption for LennardJones sorbates in Na-Y zeolite;Mol. Phys. 2001, 99, 1S17	Kar, S., Chakravarty, C.	0026-8976
3	2001	Diffusional anisotropy of simple sorbates in Silicalite,J. Phys. Chem. A 2001, 105, 5785	Kar, S., Chakravarty, C.	1089-5639
4	2001	Diffusion of simple sorbates in silicalite: effect of anisotropic frameworks and geometrical correlations ;Proceedings of the 13th International Zeolite Conference, Montpellier, France, 8-13h July, 2001	Kar, S., Chakravarty, C	9780080543918
5	2002	Diffusional behaviour of simple sorbates in zeolites: effect of anisotropic frameworksand geometrical correlations;Chem. Phys. Lett. 2002, 352, 294	Kar, S., Chakravarty, C	0009-2614