

Dr. Sagarika Dev

Designation Assistant Professor
 Department name PG Department of Chemistry
 ✉ Email ID Sagarika.dev@gmail.com
 ☎ Contact Number 9888501404

Areas of Interest

- Theoretical studies on weakly bound complexes

Educational details

Degree	Year	University	Percentage	Medals/ Positions
Matriculation	1994	West Bengal Board of Secondary Education	89.8	
10+2	1996	West Bengal Council of Higher Secondary Education	79.8	
B.Sc.(Chemistry Hons)	1999	Calcutta University	67	
M.Sc. (Physical Chem specialization)	2001	Calcutta University	69.8	
PhD	2007	Indian Institute of Science		

Professional Details

Designation	From	To	Organization
Assistant Professor		19-12-2010	BITS Pilani
Assistant Professor	1-02-2011	Present	MCM DAV College for Women Chandigarh

Awards & Recognitions

Award	Institute	Year
UGC NET		2001

Research Publications

Title	Journal	Refereed	Date and Year of Publication	Online Link
Insights into the C-H...F-C Hydrogen Bond by Cambridge	RSC Advances	Yes	10.03.2015	https://pubs.rsc.org/en/content/articlelanding/2015/ra/c5ra03063c#ldivAbstract

Structural Database Analyses and Computational Studies				
Highly photostable zinc selective molecular marker bearing flexible pivotal unit: opto-fluorescence enhancement effect and imaging applications in living system	Dalton Transaction	Yes	13.03.2015	https://pubs.rsc.org/en/content/articlehtml/2015/dt/c5dt00713e
Relative stabilities and the spectral signatures of stacked and hydrogen-bonded dimers of serotonin	Molecular Physics	Yes	6.07.2105	https://www.tandfonline.com/doi/full/10.1080/00268976.2015.1060365
Hydrazine responsive molecular material: Optical signaling and mushroom cell staining	Sensors and Actuators B: Chemical	Yes	31.12.2015	https://www.sciencedirect.com/science/article/pii/S092540051500859X
Dendritic Polynitrato Energetic Motifs: Development and Exploration of Physicochemical Behavior through Theoretical and Experimental Approach	ACS Omega	Yes	20.11.2017	https://pubs.acs.org/doi/abs/10.1021/acsomega.7b00880