

Bio-Data of Dr. Monoj Das



Name : Dr. Monoj Das
Designation : Assistant Professor, Department of Physics
Gushkara Mahavidyalaya
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Academic Qualification:

Examination	Year of Passing	Board/University	Percentage
Secondary	2001	W.B.B.S.E	83.5
Higher Secondary	2003	W.B.C.H.S.E	86.1
B.Sc	2007	Visva-Bharati	79.7
M.Sc	2009	Visva-Bharati	74.5
N.E.T	2009	C.S.I.R	N.A
Ph.D	2016	Visva-Bharati	N.A

Faculty Development Programme / Orientation Programme / Workshop attended:

Sl. No	Name of the Programme	Date	Topics	Organizing Institute
1	Faculty Development Programme	10/06/2020 to 15/06/2020	Moodle Learning Management System	JNTUH College and Spoken Tutorial Project, IIT Bombay
2	Workshop	03/08/2020 to 08/08/2020	Effective Online Teaching Learning Strategies	NIT, Tiruchirappalli
3	Workshop	17/08/2020 to 25/08/2020	Using Open Source Learning Management System for Online Teaching	Visva-Bharati
4	Induction/Orientation Programme	11/01/2021 to 09/02/2021	Induction Programme for Faculty in Higher Education	Ramanujan College, University of Delhi under PMMMNMTT
5	Faculty Development Programme	03/04/2021 to 09/04/2021	Open Source Tools for Research	Ramanujan College, University of Delhi under PMMMNMTT
6	Faculty Development Programme	10/05/2021 to 15/05/2021	Implementation of OBE and Online Teaching	NITTTR, Chennai
7	Faculty Development Programme	31/05/2021 to 04/06/2021	Learning Management Systems	NITTTR, Chennai
8	Faculty Development Programme	26/07/2021 to 30/07/2021	Motivation and Leadership	NITTTR, Chennai

List of Publications:

Sl. No	Authors Name	Title	Journal Name	Volume	Pages	Year
1	S. Konar, M. Das and B. C. Gupta	Interaction of gold nanotubes with the Si(211) surface: A density functional study	Phys. Rev. B	82	125458	2010
2	M. Das, P. Mukherjee, S. Konar and B. C. Gupta	Work function and Young's modulus of platinum nanotubes: Density functional study	Phys. Status Solidi B	250	1519	2013
3	M. Das and B. C. Gupta	Structural and electrical properties of armchair CdS nanotubes	Journal of Applied Physics	115	214307	2014
4	M. Das and B. C. Gupta	Properties of armchair and zigzag CdS nanoribbons: a density functional study	Phys. Status Solidi B	252	2280	2015
5	M. Das and B. C. Gupta	Properties of armchair ZnTe nanotubes: a density functional study	Computational Materials Science	112	1-7	2016
6	M. Das, P. Mukherjee, S. Chowdhury and B. C. Gupta	Tunable structural and electrical properties of zigzag CdS nanotubes: A density functional study	Phys. Status Solidi B	254	1700038	2017
7	M. Das and B. C. Gupta	Width dependent structural and electrical properties of zigzag ZnTe nanoribbons	Phys. Lett. A	383	748	2018
8	S. Chowdhury, P. Mukherjee, M. Das and B. C. Gupta	Formation of Charge transfer complex between metaloporphyrins and aromatic solvents in tetrahydrofuran media: A density functional study	Journal of Porphyrins and Phthalocyanines	23	1149	2019
9	S. Chowdhury, M. Das, P. Mukherjee and B. C. Gupta	Diameter dependent structural and electronic properties of fused porphyrin nanotubes: A density functional study	Journal of Porphyrins and Phthalocyanines	24	1021	2020
10	M. Das, S. Chowdhury and B. C. Gupta	Atomic Ordering Induced Modulated Properties of Zigzag ZnTe Nanotubes	Phys. Status Solidi B	258	2100115	2021

Conferences/ Seminars attended:

Sl. No	Title of the Conferences/Seminars	Organizing Institute	Date
1	Computational Techniques in Soft Matter-CTSM10	SNBNCBS, Kolkata	06/12/2010 to 10/12/2010
2	Condensed Matter Days-2012	Department of Applied Physics, BIT, Mesra, Ranchi	29/08/2012 to 31/08/2012
3	Condensed Matter Days-2014	University of Calcutta	27/08/2014 to 29/08/2014
4	Condensed Matter Days-2014	Visva-Bharati	27/08/2015 to 29/08/2015
5	IC-RAPMS-2020	Kurseong college and St. Joseph's College, Darjeeling	09/07/2020 to 10/07/2020