

CURRICULUM VITAE

1. Name and full correspondence address: **Dr. Shampa Mondal**
Assistant Professor in Physics
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- Institution : A.K.P.C. Mahavidyalaya, Bengai, Subhasnagar,
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3. Date of Birth : 09.12.1980
4. Gender (M/F/T) : Female
5. Category Gen/SC/ST/OBC : General

6. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc	2002	Physics	The University of Burdwan	68.5
2.	M.Sc	2004	Physics	The University of Burdwan	74.67
3.	NET	2005, 2006	Physics	UGC	N.A
4.	Ph.D	2013	Physics	The University of Burdwan	N.A

7. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Degree	Guide's Name	Name of the Univ.	Date of Award	Title
Ph.D	Dr. Partha Mitra Profess, Dept. of Physics,B.U.	The University of Burdwan	21stJune,2013	Preparation of undoped and some doped ZnO thinfilms by SILAR and their characterization

8. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	ASSISTANT TEACHER	Bardhaman Banipith Girls' High School	17.03.2006	12.09.2013	6,000-12,000

2.	ASSISTANT PROFESSOR	A.K.P.C Mahavidyalaya, Bengai, Subhasnagar, Hooghly, PIN-712611	13.09.2008	TILL DATE	Rs. 79,800/- -2,11,500/-
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9. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No.	Name of Award	Awarding Agency	Year
NIL	NIL	NIL	NIL

10. Publications (List of papers published in SCI Journals, in year wise descending order).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Dr. Shampa Mondal	ETHANOL SENSING PROPERTY OF CUO THIN FILM SYNTHESIZED BY CBD METHOD	Materials Research Innovations Taylor and Francis	https://doi.org/10.1080/14328917.2021.1945772		2021
2.	Dr. Shampa Mondal	ELECTRONICS WASTE: SUSTAINABLE RESOURCES	Review of Research	10	1-5	2021
3.	Dr. Shampa Monal	STRUCTURAL AND OPTICAL PROPERTIES OF CBD SYNTHESIZED CDO THIN FILMS: INFLUENCE OF NI INCORPORATION	Advances in Materials and Processing Technologies Taylor and Francis	https://doi.org/10.1080/2374068X.2021.1939992		2021
4.	Dr. Shampa Mondal	LPG SENSING PROPERTY OF NICKEL DOPED CdS THIN FILM SYNTHESISED BY SILAR METHOD	Advances in Materials and Processing Technologies Taylor and Francis	https://doi.org/10.1080/2374068X.2020.1809234		2020
5.	Dr. Shampa Mondal	STUDY THE STRUCTURAL AND OPTICAL PROPERTIES OF 100% MAGNESIUM DOPED ZINC	International Journal of and Advanced Research in Engineering and technology (IJARET)	9	147-153	2018

		OXIDE THIN FILMS.				
6	Dr. Shampa Mondal	Surface morphological, structural and hydrogen sensing characterization of Pd doped ZnO thin films deposited by SILAR.	International Journal of Engineering Sciences and Research technology	7(3)	456-462	2018
7.	Dr. Shampa Mondal	Palladium doped ZnO thin films prepared by SILAR and their structural, optical characterization	International Journal of Engineering Sciences and Research technology	7(2)	696-701	2018
8	P. Mitra and S. Mondal	Structural and Morphological Characterization of ZnO thin Films Synthesized by SILAR	<i>Progress in Theoretical and Applied Physics</i>	1	17-31	2013
9.	S. Mondal, S R Bhattacharyya and P. Mitra	Effect of Al doping on microstructure and optical band gap of ZnO thin film synthesized by successive ion layer adsorption and reaction	<i>PRAMANA- journal of physics</i>	80	315-326	2013
10	S. Mondal, S R Bhattacharyya and P. Mitra	Preparation of manganese-doped ZnO thin films and their characterization	<i>Bull. Mater.Sci</i>	36	223-229	2013
11	S. Mondal, K. P. Kanta and P. Mitra	Preparation of ZnO Film on p-Si and I-V Characteristics of p-Si/n-ZnO	<i>Materials Research</i>	16(1)	94-99	2013
12	S. Mondal and P. Mitra	Preparation of Ni doped ZnO thin films by SILAR and their characterization	Indian Journal of Physics	87(2)	125-131	2013
13	S. Mondal and P.	Preparation of Cadmium-doped	<i>Bull. Mater. Sci.</i>	35	751-757	2012

	Mitra	ZnO thin films by SILAR and their characterization				
14	S. Mondal and P. Mitra	Effect of Manganese Incorporation in ZnO Thin Films Prepared by SILAR	<i>Sci. & Soc.</i>	10(2)	139-146	2012
15	S. Patra, S. Mondal, and P. Mitra	Preparation of ZnS and SnS Nanopowders by Modified SILAR Technique	<i>Journal of Physical Sciences</i>	13	229-234	2009
16	P. Mitra and S.Mondal	Hydrogen and LPG sensing properties of SnO ₂ films obtained by direct oxidation of SILAR deposited SnS	<i>Bulletin of The Polish Academy of Sciences</i>	56	295-300	2008
17	S.Mondal, K.P.Kanta and P.Mitra	Preparation of Al-doped ZnO (AZO) Thin Film by SILAR	<i>Journal of Physical Sciences</i>	12	221-229	2008

11. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
	NIL	NIL	NIL	NIL	NIL	NIL

12. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1.	Virtual Laboratory for E-learning : A Possible way out for Students in this Pandemic Situation Pg No.-88, Feb2021 Chapter in a book Changing Life of Teachers, Learners and Administrators during COVID 19	Dr. Shampa Mondal	RENU PUBLISHERS	2021

	Pandemic in India			
2	Concept of MODERN PHYSICS Pages:1-132, 2021	Dr. Shampa Mondal	NAVJAGRAN PRAKASHAN NATIONAL	2021
3.	Sustainable Resource-E-waste problems and solutions in India Pg No. – 227, July2021 Proceeding of the 1 st International E-Conference on “Revisiting Strategies For Sustainable Development” 13 th -14 th June-2020 e-ConSus 2020	Dr. Shampa Mondal	RED'SHINE PUBLICATION PVT.LTD. INTERNATIONAL	2020

13. Any other Information (maximum 500 words)

I am Dr. Shampa Mondal, Associate Professor of Physics and former Head of the Department of Physics, A.K.P.C Mahavidyalaya, Bengai, Hooghly, West Bengal. I have more than 13 years of experience of teaching Physics to undergraduate students. I have published a large number of papers in various national and international journals. I have graduated in Physics(Hons) in 2002 from Burdwan Raj College, West Bengal. I have completed my post graduation in Physics in 2004 from Burdwan University, West Bengal. I was awarded with Ph.D in 2013 from Burdwan University.

Sl. No	Title with author name(s) in order as published	Journal Name, Vol. with page number, Year	Publisher & ISSN, DOI (if any)	Whether peer reviewed and/or UGC listed, Impact Factor (if any), Citation(s) (if any)	No. of co-author(s)	DOI
1	STUDY THE STRUCTURAL AND OPTICAL PROPERTIES OF 100% MAGNESIUM DOPED ZINC OXIDE THIN FILMS. Shampa Mondal	International Journal of and Advanced Research in Engineering and technology (IJARET) VOLUME 9, ISSUE 3, PP. 147–153, 2018	IAEME Publication 0976-6480/0976-6499	peer Reviewed UGC-APPROVAL If 6.34	Nil	https://iaeme.com/MasterAdmin/Journal_upload/IJARET/VOLUME_9_ISSUE_3/IJARET_09_03_019.pdf
2	LPG SENSING PROPERTY OF NICKEL DOPED CdS THIN FILM SYNTHESISED BY SILAR METHOD S Mondal	Advances in Materials and Processing Technologies Vol 8, pp 344-354, 2022	Taylor and Francis 1432-8917 Online 2277-9655	peer Reviewed UGC-APPROVAL IF 4.73	Nil	https://doi.org/10.1080/2374068X.2020.1809234
3.	STRUCTURAL AND OPTICAL PROPERTIES OF CBD SYNTHESIZED CDO THIN FILMS: INFLUENCE OF NI INCORPORATION S Mondal Accepted 04 June 2021, Published online: 15 Jine2021	Advances in Materials and Processing Technologies Vol. 8, pp-2744-2751, 2022	Taylor and Francis 1432-8917 Online 2277-9655	peer Reviewed UGC-APPROVAL IF 4.73	Nil	https://doi.org/10.1080/2374068X.2021.1939992

4.	ETHANOL SENSING PROPERTY OF CUO THIN FILM SYNTHESIZED BY CBD METHOD S Mondal	Materials Research Innovations Vol.26, 222-228,2022- Issue4	Taylor and Francis 1432-8917 Online 2277-9655	peer Reviewed UGC-APPROVAL 1.2	Nil	https://doi.org/10.1080/14328917.2021.1945772
5.	ELECTRONICS WASTE: SUSTAINABLE RESOURCES Dr. Shampa Mondal	Review of Research Vol 10, pp- 1-5, 2021	International Online Multidisciplinary Journal 2249-894X	peer Reviewed UGC-APPROVAL 5.36	Nil	https://oldror.lbp.world/UploadedData/12898.pdf
6.	Surface morphological, structural and hydrogen sensing characterization of Pd doped ZnO thin films deposited by SILAR. Shampa Mondal	International Journal of Engineering Sciences and Research technology Vol.7(3), pp 456-462, 2018	Researcherid 2277-9655	peer Reviewed UGC-APPROVAL 5.164	Nil	https://doi.org/10.5281/zenodo.1199360
7.	Palladium doped ZnO thin films prepared by SILAR and their structural, optical characterization Shampa Mondal	International Journal of Engineering Sciences and Research technology Vol.7(2), pp 696-701, 2018	Researcherid 2277-9655	peer Reviewed UGC-APPROVAL 5.164	Nil	https://doi.org/10.5281/zenodo.1184060
8.	Requirement of mid-day meal programme for secondary level (9-10) school students in the rural areas in West Bengal. Roy Chaudhury, B. Mondal,S	Golden Research Thoughts ,Vol 3 ,Issue 10, pp 1-4, April 2014	Mrs.Laxmi Ashok Yakkaldevi 2231-5063	peer Reviewed UGC-APPROVAL	1	Co-Author
9.	“SCHOOL TEACHERS” OPINION ABOUT E-LEARNING: A STUDY IN URBAN AREA OF BURDWAN DISTRICT” Roy Chaudhury, B. Mondal,S	Educationia Confab Vol. 3, , pp 69-80, 2014	Confab Journals 2320-009X	peer Reviewed UGC-APPROVAL	1	Co-Author

10.	ATTITUDE OF TEACHERS OF BURDWAN TOWN TOWARDS CONTINUOUS COMPREHENSIVE EVALUATION AT SECONDARY LEVEL Roy Chaudhury, B. Mondal,S	Golden Research Thoughts ,Vol 3 ,Issue 10, pp 1-4, 2014	Mrs.Laxmi Ashok Yakkaldevi 2231-5063	peer Reviewed UGC-APPROVAL	1	Co-Author
11.	Structural and Morphological Characterization of ZnO thin Films Synthesized by SILAR P. Mitra and S. Mondal	Progress in Theoretical and Applied Physics Vol. 1, pp 17-31, 2013	OICC ISSN: 2320-3064 (Print) , 2320-3072 (Online)	peer Reviewed UGC-APPROVAL 0.23	1	http://www.researchmathsci.org/ptapart/ptap-v1-3.pdf
12.	Effect of Al doping on microstructure and optical band gap of ZnO thin film synthesized by successive ion layer adsorption and reaction S MONDAL ¹ , S R BHATTACHARYY A ² and P MITRA ^{1,*}	Pramana Journal of Physics Vol. 80, pp 315-326, 2013	Indian Academy of Sciences 0973-7111	peer Reviewed UGC-APPROVAL 1.9	2	https://www.ias.ac.in/public/Volumes/pram/080/02/0315-0326.pdf
13.	Preparation of manganese-doped ZnO thin films and their characterization S MONDAL, S R BHATTACHARYYA [†] and P MITRA*	Bull. Mater. Sci., Vol. 36, No. 2, pp. 223–229, 2013,	Indian Academy of Sciences 0973-7111	peer Reviewed UGC-APPROVAL 1.9	2	https://www.ias.ac.in/public/Volumes/boms/036/02/0223-0229.pdf
14.	Preparation of ZnO Film on p-Si and I-V Characteristics of p-Si/n-ZnO Shampa Mondal; Kalyani Prasad Kanta; Partha Mitra*	Materials Research Vol. 16,pp 94-99, 2013	SCIFLO Print:1516-1439 Online: 1980-5373	peer Reviewed UGC-APPROVAL 1.408	2	https://doi.org/10.1590/S1516-14392012005000149
15.	Preparation of Ni doped ZnO thin films by SILAR and their characterization S Mondal, P Mitra	Indian Journal of Physics Vol. 87, pp 125-131, 2013	Springer 0973-1458	peer Reviewed UGC-APPROVAL 1.6	1	https://doi.org/10.1007/s12648-012-0198-8

16.	Preparation of Cadmium-doped ZnO thin films by SILAR and their characterization S Mondal, P Mitra	Bull. Mater. Sci., Vol. 35, pp. 751–757, 2012	Springer 0973-1458	peer Reviewed UGC-APPROVAL 1.9	1	https://www.ias.ac.in/article/fulltext/boms/035/05/0751-0757#:~:text=Cadmium%2Ddoped%20ZnO%20films%20could,methods%20proposed%20in%20the%20literature.
17.	Effect of Manganese Incorporation in ZnO Thin Films Prepared by SILAR S. Mondal and P. Mitra*	Sci. & Soc. Vol. 10(2), pp 139-146, 2012	Guilfred Press 0036-8237 (print); 1943-2801 (web)	peer Reviewed UGC-APPROVAL 0.9	1	https://www.researchgate.net/publication/235411292_Effect_of_Manganese_Incorporation_in_ZnO_Thin_Films_Prepared_by_SILAR
18.	Preparation of ZnS and SnSNanopowders by Modified SILAR Technique S. Patra, S. Mondal, and P. Mitra	Journal of Physical Sciences, Vol. 13, pp 229-234, 2009,	Vidyasagar University 0972-8791	peer Reviewed UGC-APPROVAL	2	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=TifV2LkAAAAJ&citation_for_view=TifV2LkAAAAJ:d1gkVwhDp10C
19.	Hydrogen and LPG sensing properties of SnO ₂ films obtained by direct oxidation of SILAR deposited SnS P. MITRA* and S. MONDAL	Bulletin of the Polish Academy of Sciences, Technical Sciences Vol. 56(3), pp:295-300, 2008	Polish Academy of Sciences 2300-1917	peer Reviewed UGC-APPROVAL 1.490	1	https://www.researchgate.net/publication/234821817_Hydrogen_and_LPG_sensing_properties_of_SnO2_films_obtained_by_direct_oxidation_of_SILAR_deposited_SnS
20.	Preparation of Al-doped ZnO (AZO) Thin Film by SILAR S. Mondal, K. P. Kanta and P. Mitra	Journal of Physical Sciences, Vol. 12, pp 221-229, 2008,	Vidyasagar University 0972-8791	peer Reviewed UGC-APPROVAL	2	https://www.researchgate.net/publication/234820299_Preparation_of_Al-doped_ZnO_AZO_thin_film_by_SILAR