

## CURRICULUM VITAE

1. Name and full correspondence address: **Dr. Shampa Mondal**  
Assistant Professor in Physics  
A.K.P.C. Mahavidyalaya, Bengai, Subhasnagar,  
Hooghly, PIN-712611.
  
2. Email(s) and contact number(s) : [shampa.rcd@gmail.com](mailto:shampa.rcd@gmail.com)  
+91 9434834090 (M)
  
- Institution : A.K.P.C. Mahavidyalaya, Bengai, Subhasnagar,  
Hooghly, PIN-712611.
  
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	21 <sup>st</sup> June, 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	<b>ETHANOL SENSING PROPERTY OF CUO THIN FILM SYNTHESIZED BY CBD METHOD</b>	<b>Materials Research Innovations Taylor and Francis</b>	<a href="https://doi.org/10.1080/14328917.2021.1945772">https://doi.org/10.1080/14328917.2021.1945772</a>		2021
2.	Dr. Shampa Mondal	<b>ELECTRONICS WASTE: SUSTAINABLE RESOURCES</b>	<b>Review of Research</b>	10	1-5	2021
3.	Dr. Shampa Monal	<b>STRUCTURAL AND OPTICAL PROPERTIES OF CBD SYNTHESIZED CDO THIN FILMS: INFLUENCE OF NI INCORPORATION</b>	<b>Advances in Materials and Processing Technologies Taylor and Francis</b>	<a href="https://doi.org/10.1080/2374068X.2021.1939992">https://doi.org/10.1080/2374068X.2021.1939992</a>		2021
4.	Dr. Shampa Mondal	<b>LPG SENSING PROPERTY OF NICKEL DOPED CdS THIN FILM SYNTHESISED BY SILAR METHOD</b>	<b>Advances in Materials and Processing Technologies Taylor and Francis</b>	<a href="https://doi.org/10.1080/2374068X.2020.1809234">https://doi.org/10.1080/2374068X.2020.1809234</a>		2020
5.	Dr. Shampa Mondal	<b>STUDY THE STRUCTURAL AND OPTICAL PROPERTIES OF 100% MAGNESIUM DOPED ZINC</b>	<b>International Journal of and Advanced Research in Engineering and technology (IJARET)</b>	9	147-153	2018

		<b>OXIDE THIN FILMS.</b>				
6	Dr. Shampa Mondal	<b>Surface morphological, structural and hydrogen sensing characterization of Pd doped ZnO thin films deposited by SILAR.</b>	<b>International Journal of Engineering Sciences and Research technology</b>	7(3)	456-462	2018
7.	Dr. Shampa Mondal	<b>Palladium doped ZnO thin films prepared by SILAR and their structural, optical characterization</b>	<b>International Journal of Engineering Sciences and Research technology</b>	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	<b>Indian Journal of Physics</b>	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. &amp; 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 <sub>2</sub> 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	<b>RENU PUBLISHERS</b>	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 <sup>st</sup> International E-Conference on “Revisiting Strategies For Sustainable Development” 13 <sup>th</sup> -14 <sup>th</sup> 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.