

**1. Name in full (in block capital letters):** DR. APURBA KUMAR DAS

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**5. Date of birth in Christian era:** 01/03/69

**6. Educational qualification:** M.Sc.in Physics, M. Phil, Ph.D.

**7. Nationality:** Indian

**8. Religion:** Hinduism

**9. Sex:** Male

**10.Names of Seminar/Refresher's Courses/ Orientation course attended:**

Sl. no	Name of the Seminar etc	Date	Venue
1	RC	26/02/2010	JNU, New Delhi
2	RC	23/01/2012	G.U.
3	OC	11/06/2007	G.U

**11. Research paper published:**

Sl. No .	Title with page nos	Journal .	ISSN/ISBN No	Year
1	An analysis of Structural and Optical properties Undoped ZnS and Doped (with Mn, Ni) ZnSNano Particles1022-1026	JMP(Journal of modern Physics)	Doi:10.4236/jmp 2013.47137	Feb, 2013
2	Impact of pH value on the Structural and Optical Studies of ZnS & ZnS-Ni Nano Materials,1-5	IJSRP (International Journal of Scientific Research and publications)	2250-3153	June,2013
3	Aging& Characterization of ZnSNano crystalline Thin film, 40-43	JASS (Journal of Assam Science Society)	0587-1921	December 2011
4	Optical studies of doped ZnS with transition metals and undoped ZnS nanomaterials,146-155	International Journal of Physical and Social Science	2249-5894	October,2012
5	Optical characterization of doped and undoped ZnS nanoparticles, 172-180	International Journal of Physical and Social Science	2249-5894	2012

## 12.Ongoing Research Project :

Sl.No	Title	Agency Period	Grant/Amount Mobilized (Rs. Lakh)	API Score
1	A COMPARATIVE STUDY OF LUMINESCENCE AND BAND GAP WITH GRAIN SIZE OF ZnS-Mn, ZnS-Ni NANO MATERIALS. No. F5-367/2014-15/MRP/NERO/3473	UGC	Rs.340000.00	30

### 13. Papers presented in Conferences, Seminars, Workshops, Symposia

Sl.No	Title of the Paper presented	Title of Conference/ Seminar etc/Workshop	Organized by	Whether International/National/State/Regional/College or University level
1	A comparative optical and structural studies of ZnS-Mn & ZnS-Ni nano materials.	3 <sup>rd</sup> International conference on Advanced Nanomaterials & Nanotechnology. IIT,Guwahati. ICANN, 2013.	IIT, Guwahati/ Year	International
2	Structural and Optical Studies of ZnS & ZnS-Ni Nano Materials.	International conference on Material Science, TRIPURA UNIVERSITY, TRIPURA,2013	TRIPURA UNIVERSITY, TRIPURA.	International
3	International conference on Nanomaterials &	Ageing and characterization of undoped and doped ZnS	University of Delhi.	International

	Nanotechnology, University of Delhi.	Nanomaterials, 2011		
4	International Conference on Green Energy and Smart Materials Through Science, technology and Management (GSEM'14), Gauhati University.	A Comperative luminescence and grain size studies of ZnS:Mn & ZnS:Ni Nano materials, 2014	Gauhati University	International
5	WORKSHOP, NEHU, Shillong.	Basic Principles of Transmission electron Microscopy and its Applications in Material Sciences, 2012	NEHU, Shillong.	National
6	XXXIV Indian Social Science Congress, Gauhati University.	Characterization of Doped and Undoped ZnS Nano Crystalline Thin Film.2011	Gauhati University.	National
7	Workshop on Procedures & Applications of XRD & XRF, Department of instrumentation & USIC, Gauhati University	Participated,2011	Gauhati University	National
8	Condensed Matter Days,Department of Physics, Gauhati University.	Participated.2011	Gauhati University	National
9		Workshop:enhancing the Qualityof Higher Education	AVC, 2014	
10		Workshop: Procedure and application of XRF	GU, 2014	
11		Advancements and Applications of Ultrafast Laser Pulses,2016	IIT, Guwahati	National

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