Personal Profile

Name	**DR. ARINDAM SEN**
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Date of birth	24/01/1981
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Date of joining this institution	14/09/2006
Past services	NIL
Areas of teaching	Network Analysis, Semiconductor Devices, Microprocessor and Microcontroller, C Programming
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ORCID ID	
Google Scholar ID	https://scholar.google.com/citations?user=lP4PAnMAAAAJ&hl=en&authuser=2
Research Gate ID	

Faculty Development Programme

a) UGC sponsored Orientation Programme (OP) conducted by the Academic Staff College, Jadavpur University from 22nd November to 20th December, 2010.

b) UGC sponsored Refresher Course (RC) entitled "Perspectives in Physics", conducted by the Academic Staff College, Jadavpur University from 3rd December to 22nd December, 2012.

c) UGC sponsored Short Term Course (STC) entitled "Remote Sensing and GIS", conducted by Human Resource Development Centre, The University of Burdwan from 29th December 2015 to 4th January 2016.

d) UGC sponsored Refresher Course (RC) entitled "VLSI Design and nanotechnology: Issues and Challenges", conducted by Human Resource Development Centre, Jadavpur University from 28th November to 17th December, 2016.

Research Journal Publication (National and International)

1. Processing of lanthanum doped $CaCu_3Ti_4O_{12}$ electro-ceramics in molten eutectic mixture for low loss high dielectric materials, A. Sen, ***Process. Appl. Ceram***., 14(3) (2020) 242-250.

2. Dielectric loss management by antimony (Sb) incorporation in giant dielectric $CaCu_3Ti_4O_{12}$, A. Sen, ***Appl. Phys. A: Mater. Sci. Process***., 126 (2020) 336[1-9]

3.Tunable dielectric properties of niobium (Nb) doped $CaCu_3Ti_4O_{12}$nanocubes synthesized via facile molten salt route, A. Sen, ***SN Applied Sciences***, 1 (2019) 971(1-10].

4. Investigation of electrochemical performances of ceramic oxide $CaCu_3Ti_4O_{12}$ nanostructures, A. Sen, ***J. Solid State Chem***., 269 (2019) 600-607.

5.Facile molten salt synthesis of single crystalline Calcium Copper Titanate nanostructures and itsgiant dielectric properties, A. Sen, ***Advanced Science, Engineering and Medicine***, 8 (2016) 740-744.

6.Nanostructured $CaCu_3Ti_4O_{12}$ for environmental remediation through visible light active catalysis,A. Sen, K.K. Chattopadhyay, ***J. Mater. Sci: Mater Electron*** *27 (2016) 10393-10398*.

7. Single crystalline nanostructures of giant dielectric calcium copper titanate: a convenient route toward materialization of hard to realize multi-component perovskite nanostructures, A. Sen, U.N. Maiti, S. Maiti, K.K. Chattopadhyay, ***J. Mater. Sci***. *48 (2013) 3967–3974*.

8 .Temperature-dependent ac conductivity and dielectric response of vanadium doped $CaCu_3Ti_4O_{12}$ ceramic, A. Sen, U.N. Maiti, R. Thapa, K.K. Chattopadhyay, ***Appl. Phys. A*** *104 (2011)1105–1111*.

9. Effect of vanadium doping on the dielectric and nonlinear current–voltage characteristics of $CaCu_3Ti_4O_{12}$ ceramic, A. Sen, U.N. Maiti, R. Thapa, K.K. Chattopadhyay, ***J. Alloys Compd***. *506 (2010) 853–857*.

10. Simple Solution Phase Synthesis of 3-D assembly of ZnONanoneedles and Its efficient Field Emission, U.N. Maiti, A. Sen, M.K. Mitra, K.K. Chattopadhyay, ***J. Nanosci. Nanotech***. *10 (2010) 4341-4347*.

Books / Book Chapters / Monographs

NIL

Popular Articles

NIL

Paper Presentation / Participation: Conferences / Seminars / Symposia / Workshops

Title of the Seminar/Conference/Workshop	**Title of the Paper**	**Sponsoring Agency**	**Name of the Host Institution**	**Date(s)**
Condensed Matter Days 2009 (CMDAYS 09)			Dept. of Physics, Jadavpur University	August 26-28, 2009
15th International Workshop on The Physics of Semiconductor Devices IWPSD - 2009		Solid State Physics Laboratory, Delhi	Jamia Milia Islamia University, New Delhi	December 15-19, 2009
International Conference on Fundamental and Applications of Nanoscience & Technology (ICFANT – 2010)			School of Materials Science & Nanotechnology, Jadavpur University	December 9-11, 2010
India-Australia International Workshop on Nanotechnology in Materials and			Jadavpur University	December 29-31,

Energy Application IAWNT - 2011				2011
Workshop on Advanced Functional Materials (WAFM-2012)		UGC	Department of Physics, Banaras Hindu University	March 19-24, 2012
1st International Workshop on Nanomaterials (IWON): Engineering Photon and Photon Transport			School of Material Science and Nanotechnology, Jadavpur University)	December 14-15, 2012

Research Projects

- Name of the Research Project: "Nanostructured $CaCu_3Ti_4O_{12}$ an unexplored candidate for environmental remediation through visible light active catalysis"
- Funded by: UGC
- Amount sanctioned: Rs 5 Lacs
- Memo No. and Date: PSW-007/14-15 (ERO), ID No. WB1-007, Dt.03/02/2015
- Date of Completion: 03/02/2017

Research Guidance

NIL

Award/Recognition/Member of Board of studies/Academic Activities

- Gold medalist in B.Sc. (Burdwan University) and M.Sc. (Jadavpur University)
- Member of UG Board of Studies of Bankura University

Community Work/Social Activity

NIL

Any other

NIL