



PERSONAL INFORMATION

NAME : SABANA SHABNAM

NATIONALITY : INDIAN

DATE OF BIRTH : SEPTEMBER 15 , 1989

FATHER'S NAME : MD. HABIBUR RAHAMAN MOLLA **MOTHER'S NAME :**

JEBUN NESHA BEGUM ADDRESS : KABI NAZRUL SARANI

(NEAR AMRITALAL COLLEGE MATH) P.O.+P.S. -

BARUIPUR

KOLKATA – 700144 WEST

BENGAL

GENDER : FEMALE **MOBILE NO. :**

8981479826

EMAIL ID. : shabnam.sabana@gmail.com

EDUCATIONAL QUALIFICATION

| NAME OF THE EXAMINATION | BOARD/ UNIVERSITY | SUBJECT | YEAR OF PASSING | PERCENTAGE |
|-------------------------|---|---|-----------------|------------|
| M.Sc. | JADAVPUR UNIVERSITY | PHYSICS | 2012 | 81 |
| B.Sc. | JADAVPUR UNIVERSITY | PHYSICS | 2010 | 79 |
| HIGHER SECONDARY | WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION | PHYSICS, CHEMISTRY, BIOLOGY, MATHEMATICS, BENGALI, ENGLISH, ENVIRONMENTAL SCIENCE | 2007 | 83 |

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|-----------------------|---|---|------|----|
| MADHYAMIK PARIKSHA | WEST BENGAL BOARD OF SECONDARY EDUCATION | BENGALI, ENGLISH, PHY, SCIENCE, LIFE SCIENCE, HISTORY, MATHEMATICS, GEOGRAPHY, MECHANICS | 2005 | 89 |
|-----------------------|---|---|------|----|

M.Sc. PROJECT :

TITLE : SYNTHESIS AND CHARACTERIZATION OF NANOSTRUCTURE COPPER SULFIDE BY HYDROTHERMAL ROUTE.

PROJECT OVERVIEW : Copper Sulfide(CuS) nanostructures have been synthesized via hydrothermal route at 180 OC for 24 h with and without using surfactant in thiourea assisted route. X-ray diffraction (XRD), Field emission scanning electron microscope (FESEM), UV-Vis spectroscopy and photoluminescence (PL) spectroscopy were done to characterize the CuS nanostructures.

SUPERVISOR : Dr. K. K. Chattopadhyay, Jadavpur University, Assistant Professor, Kolkata.

*GATE QUALIFIED (RANK – 619)

SEMINAR/CONFERENCE/SCHOOL ATTENDED:

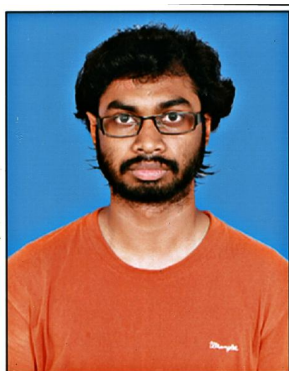
- Condensed Matter Days 2014 (CMDAYS14), August 27-29, 2014. Jointly Organised By Department of Physics & Centre for Research in Nanoscience and Nanotechnology, University of Calcutta.
- Bangalore School on Statistical Physics, 31 March to 12 April, 2014 at the Raman Research Institute, Bangalore.
- National Seminar on “ Recent Advances in the Frontiers of Physics ” organised by Department of Physics, Bidhannagar College, Saltlake, Kolkata in collaboration with Indian Association for the Cultivation of Science, Jadavpur, Kolkata on 14th September, 2013.

CURRENT JOB : I am working as a JRF under the supervision of Dr. Sudeshna Dasgupta, Assistant Professor, Lady

Brabourne College, Kolkata. My Joint Supervisor is Dr. Soumen Kumar Roy, Professor, Jadavpur University, Kolkata.

RESEARCH INTEREST : Computational Statistical Physics.

RESEARCH GRANT : Department of Science and Technology (**DST**) **INSPIRE** Fellow (**IF**).



Soumyajit Pramanick

DoB: 20.11.1986

Citizenship: Indian

Address & Contact

Subuddhipur-Netaji Pally

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Kolkata-700144

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Phone: 9830484220

Education

| Name of Examination | Board/University | Subject | Year of Passing | Percentage |
|---------------------|---|------------------------------------|-----------------|------------|
| M.Sc | Institute of Mathematical Sciences(Homi | Physics . Special Paper:Non Linear | 2009 | 81 |

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|----------------|---|--|--|-------------------|----------|----------------|
| | | Bhabha National Institute) | Dynamics | | | |
| B.Sc. | | University of Calcutta | Physics Subjects: Mathematics & Chemistry | Minor Chem- | Sub- | 2007 56 |
| Higher Sec- | W e s t B e n g a l C o u n c i l o f | Physics Chemistry Math- | 2004 | | 73. 3 | |
| ondary | | Higher Secondary Educa- tion | ematics English Bengali | Biology(A ddl) | | |
| Seco ndary | W e s t B e n g a l B o a r d o f S | English Bengali Physical- | 2002 | | 82. 5 | |

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|-------------|---------------------|--|-----------------------------|--|--|--|--|--|
| e c - | Secondary Education | Science Mathematics, History Geography ics(Addl) | Life-Science Mechan- | | | | | |
|-------------|---------------------|--|-----------------------------|--|--|--|--|--|

Academic Position

Junior Research Fellow at Lady Brabourne College, under supervision of Prof. Sudeshna DasGupta, Lady Brabourne College & Prof(Retd). Soumen Kumar Roy, Jadavpur University.

Present Research Topic

Monte Carlo Study of three dimensional random field ising model.

Research Interests

Broadly interested in the areas of percolation theory, phase transition, self organised criticality. Have previously worked on epidemic spreading on a dynamic population using cellular automata, and on force transmission in masonry structure

Awards

UGC-JRF(rank 86),2011.

JEST-Joint Entrance Screening Test (rank 13) ,2007. IIT-JAM (rank 96) ,2007

KVPY(Kishore Vaigyanik Protsahan Yojana) Fellowship,from Dept. of Science and Technology,Govt of India, 2004-2007

NIUS(National Initiative in Undergraduate Science,) Fellowship,from Homi Bhabha Center for Science Education, 2005.

Ramakrishna Mission Institute of Culture Student Scholarship,2002.

Conferences and Workshops Attended

Complex Systems School, Institute of Mathematical Sciences,January 4 to January 29, 2010

SERC School on Nonlinear Dynamics, Dept. of Physics and Astrophysics,Delhi University,December 8-December 24, 2009.

SERC School on Nonlinear Dynamics,Indian Institute of Science,Bangalore,26th June-16th July 2008.

Summer **School on Gravitation and Cosmology**, Harischandra Research Institute,Allahabad,12-24th May 2008.

WHEPP X (Workshop on High Energy Physics and Phenomenology),Institute of Mathematical Sciences, January 2-13, 2008.

National Initiative on Undergraduate Science workshop,Homi Bhabha Center for Science Educa-tion,December 2005.(Synthesis and Characterization of Cadmium Sulphide(CdS) Nanocrystals)

KVPY Summer School, Indian Institute of Science,Bangalore,2-14th May,2005.

Computation Skills

Numerical computation with C, Fortran,Python,Mathematica and Matlab.
Document

