

CURRICULUM VITAE

SHUVA SAHA

House No: 127, Sher Saha Suri Road,
Mohammadpur, Dhaka - 1207.

E-mail: shuva.saha2812@gmail.com

Phone: +88-01745-690538



Career Objective

I aspire to build up a prospective career in an academic environment. I intend to walk through the challenging path of the teaching profession and boost up my confidence to meet the challenging realities. After 10 years from now I wish to see myself as an honored academic fellow and serve my institution. I want to develop my knowledge and experience through the honored profession of teaching and research.

Professional Experience:

1. Organization : University of Asia Pacific

Position : Lecturer (Physics), Department of Basic Sciences and Humanities

Working Period : 03rd July 2022 to till

Teaching Expertise : Mechanics, Properties of Matter, Fluid dynamics, Waves & Oscillations, Optics, Heat & Thermodynamics, Solid state Physics, Modern Physics, Electricity & Magnetism, Nuclear Physics.
2. Organization : Prime University Bangladesh

Position : Lecturer in Physics, Civil Engineering Department

Working Period : 10th January 2022 to 01st July 2022.

Teaching Expertise : Gravity & Gravitation, Heat & thermodynamics, Wave & Oscillation, Optics, Electricity & Magnetism, Modern Physics: Quantum theory, Relativity, Atomic model, Nuclear reactions, Superconductivity.
3. Organization : City University, Bangladesh.

Position : Lecturer in Physics (Dept. of CSE & EEE), General Education Department.

Working Period : 1st September 2019 to 31st January 2021.

Teaching Expertise : Mechanics, Properties of Matter, Fluid dynamics, Waves & Oscillations, Heat & Thermodynamics, Optics, Electricity & Magnetism, Nuclear Physics, Modern Physics.

Job Responsibilities:

- Responsible for carrying out teaching and research duties.
- Conduct classes with both day & evening program students.
- Involved in the research, development and design of new courses.
- Assessing students course work, homework and performance.
- Setting up of exams, supervising them and then making of results.
- Responsible for all course related administrative paperwork.
- Monitoring the day-to-day commercial performance accounts.
- Preparing bids for department and university development projects.
- Involved in the administration of degree and postgraduate courses as well as responsible for organizing lecturers and supervising seminars.

COMPUTER SKILLS:

- Have good knowledge in Microsoft Word, Excel, PowerPoint, Photoshop and illustrator.
- Have good knowledge of using Internet & e-mail.
- Operating System: Windows 7, Windows XP.
- Computer Hardware: Computer Assembling & Trouble Shooting. Programming Language: C/C++.
- Python.

LANGUAGE PROFICIENCY:

- Good reading, writing and speaking skill in both Bangla & English.

ACADEMIC BACKGROUND

M.Sc. in Physics (Thesis Group)	Jagannath University, Dhaka CGPA: 3.85 (Out of 4.00) Position: 3rd Passing Year: 2016 (Held in 2018); Date of Result Published: 20/03/2019
B.Sc. in Physics	Jagannath University, Dhaka CGPA: 3.74 (Out of 4.00) Position: 2nd Passing Year: 2015 (Held in 2016); Date of Result Published: 09/02/2017
Higher Secondary Certificate (H.S.C.)	Dhaka Residential Model College GPA: 5.00 (Out of 5.00); Passing Year: 2010
Secondary School Certificate (S.S.C.)	Laxmipur Adarsha Samad Govt. High School GPA: 5.00 (Out of 5.00); Passing Year: 2008

CORE COURSES:

Bachelor of Science (B.Sc.):

Mechanics, Electromagnetism, Properties of Matter, Waves & Oscillation, Heat & Thermodynamics, Optics, Classical Mechanics, Quantum Mechanics, Classical Electrodynamics, Atomic & Molecular Physics, Basic Electronics, Relativity, Nuclear Physics, Mathematical methods of Physics, Solid State physics, Renewable energy, Medical Physics, Computational Physics.

Master of Science (M.Sc.):

Advanced Nuclear Physics-I: Nuclear Reaction Theory and Structure, Advanced Solid state Physics-I: Theory, Materials Science, X-ray Crystallography, Advanced Nuclear Physics-II: Nuclear Models, Advanced solid state Physics-II: Experiment, Nuclear Radiation and Health Physics, Advanced Renewable Energy.

THESIS

Thesis Subject : Theoretical Nuclear Physics
Thesis Title :“**Non-monotonic Potential Description of $\alpha+^{107}\text{Ag}$ Elastic Scattering**”.
Thesis Supervisor : **Prof. Dr. Md. Nure Alam Abdullah**,
Department of Physics, Jagannath University, Dhaka-1100.

ACHIEVEMENT

- **National Science & Technology fellowship** (M.Sc. Theoretical Science). Session: 2018-2019, **Ministry of Science & Technology**.
- **S. N. Nahar Student Award** for acquiring 2nd position at B.Sc.(Hon's) in Physics. Awarded By: **RAZZAQ-SHAMSUN PHYSICS TRUSTEE BOARD**.
- **Jagannath University Merit Scholarship** (B.Sc. & M.Sc. in Physics).

Publications:

- Mohammad Ullah, **Shuva Saha** and M. Nure Alam Abdullah: **Alpha-Nucleus Potentials at 25 MeV**: Jagannath University Journal of Science Volume 09, Number II, December 2022, pp. 64-70, ISSN 2224-1698.
- **Shuva Saha**, Proma Modal, Dipika Rani Sarker and M. Nure Alam Abdullah: **Shallow Folded Potential for $\alpha + ^{24}\text{Mg}$ Elastic Scattering**: Jagannath University Journal of Science Volume 08, Number II, June 2022, pp. 7-14, ISSN 2224-1698.

CONFERENCE

Oral Presentation:

- **Shuva Saha** and **M. N. A. Abdullah**, “*Non-monotonic potential description of $\alpha+^{107}\text{Ag}$ elastic scattering*”, National Conference on Physics, 07-09 February, 2019, Department of Physics, University of Dhaka, Dhaka-1000, Bangladesh.

Abstract Publication:

- “*Potentials for $\alpha+^{116,122,124}\text{Sn}$ Elastic Scattering*”, Dipika Rani Sarker; Faria Ahmed; **Shuva Saha**; M. Nure Alam Abdullah, LXXI International conference “NUCLEUS-2021”.

- “Non-monotonic potential description of $\alpha+^{107}\text{Ag}$ elastic scattering”, **Shuva Saha** and **M. N. A. Abdullah**, National Conference on Physics, 07-09 February, 2019, Department of Physics, University of Dhaka, Dhaka-1000, Bangladesh.

PERSONAL INFORMATION

Name : Shuva Saha
Father's Name : Srebash Chandra Saha
Mother's Name : Kabita Rani Saha
Date of Birth : 28/12/1992
Permanent Address : Vill-Banchanagar, Old Municipality Road, P.O: Laxmipur Sadar,
Dist.: Laxmipur.

Nationality : Bangladeshi
Religion : Hindu

REFEREES

Prof. Dr. M. N. A. Abdullah
Department of Physics
Jagannath University, Dhaka,
Bangladesh
Email: mnaa05@gmail.com
Cell: 88-01713-228640

Prof. Dr. Ain-ul Huda
Department of Physics
Jagannath University, Dhaka,
Bangladesh
Email:
ainul.huda@gmail.com
Cell: 88-01716-914438

I hereby declare that everything put down above is 100 percent true, and without taking any help of professional CV writers, I have composed the above texts. Therefore any syntactic or otherwise language errors are attributable to me.

Date: 19/04/2024

Shuva Saha

Shuva Saha