



Kazi Fahim Reza Arko

📍 10D/2, Pioneer Cooperative Housing, Madrasa Road by Lane, Mohammadpur, Dhaka-1207

☎ +880 1640542265

✉ fahimr000137@gmail.com

🌐 LinkedIn Profile

📘 Facebook Profile

Education

SSC: Saint Joseph Higher Secondary School

HSC: Adamjee Cantonment College

University: BRAC University, Department of Mathematics and Natural Sciences, Merul Badda, Dhaka

Current Year: Junior Year (Expected Graduation Year: 2027)

Major: Bachelor of Science in Physics

Current CGPA: 3.50/4.0

Relevant Courses Completed:

Classical Electrodynamics [PHY 301], Classical Mechanics and Special Theory of Relativity [PHY 204], Complex Variables and Fourier Analysis [MAT 204], Cosmology and Astrophysics [PHY 403], Electricity and Magnetism [PHY 115], General Theory of Relativity [PHY 413], Group Theory [MAT 301], Linear Algebra and Differential Equations [MAT 203], Optics [PHY 202], Quantum Mechanics 01 [PHY 303], Statistical Mechanics [PHY 205], Thermal Physics and Radiation [PHY 114], Waves, Acoustics and Oscillation [PHY 113]

N.B: The course codes are based on BRAC University curriculum

Workshops and Conferences

2023: Vector Calculus Workshop, Organized by Community of Physics

2024: DPS IUB Summer School on Quantum Information, Organized by Independent University Bangladesh

2024: Centennial Celebration of Bose-Einstein Statistics: A Legacy of Dhaka, Organized by University of Dhaka

2025: Jamal Nazrul Islam Memorial Winter School, Organized by BRAC University, Physics Without Frontiers, and ICTP

Extra-Curricular Activities

Organizing Committee Member: *Merul Badda Talks in Math & Physics*, BRAC University

Organizing Committee Member: *Jamal Nazrul Islam Memorial Winter School 2025*

Graphics and Photography Team Member: *Merul Badda Talks in Math & Physics*

Volunteer: *Bangladesh Physics Olympiad 2025*

Skills

Technical Skills:

-  Python
-  L^AT_EX
-  Mathematica

Mathematical Skills:

-  Tensor Manipulation
-  Single Variable Calculus, Multivariable Calculus
-  Differential Equations

Soft Skills:

-  Critical Thinking
-  Problem Solving
-  Teamwork and Collaboration
- Adaptability
-  Time Management and Organization
-  Curiosity