

SYEDA SHAZIA AHMED

Physics Lecturer at NEDUET

About Me

I am an enthusiastic educator and continually striving to improve my skills in order to provide the best education possible for my students. In scientific classes, I developed an effective teaching strategy that boosts students' academic achievement.

COMPETENCES

- Effective in both independent and team-based work
- Quick and confident decision-maker
- Skilled in online communication and collaboration
- Experienced in live-streaming and recording lectures
- Proficient in creating and formatting exam papers

OTHER SKILLS

- Proficient in Microsoft Office and Google Workspace
- Conversational in English and Urdu
- Skilled in using Canva for graphic design and educational content
- Competent with ICT tools to enhance teaching and learning

PERSONAL DETAILS

Date of Birth:
09-12-1992

Nationality:
Pakistani

Marital Status:
Married

Contact number:
0334-3185030

Email ID:
shaziaahmed920@gmail.com

Address:
B-121 Aleemabad Malir
Colony Karachi, Pakistan

WORK EXPERIENCE

NED University of Engineering and Technology
University Road, Karachi

2025 - Present

Responsibilities at NEDUET

- Teaching undergraduate Physics courses through lectures and lab sessions.
- Assisting and mentoring students in academic and research activities.

HABIB GIRLS' SCHOOL, Higher Secondary Section
Garden Road, Karachi

2015-2025

Responsibilities at HGHSS

- Currently teaching Physics to AKU-EB Grade XI and XII students
- Serving as ICT support in the Teacher Development Program
- Member of the Student Affairs Team for event management (2 years)
- Member of the Project Management Team (3 years)
- Member of the Convocation Planning Team (3 years)
- Carrying out additional administrative and academic responsibilities as assigned

THE EDUCATORS SCHOOL
Malir Campus, Karachi

2014 - 2015

Responsibilities at The Educators

- Taught Science to Grades VII and VIII
- Served as Physics teacher for Matriculation classes
- Developed activities to promote critical thinking and exploration

EDUCATION

M.Phil Physics
NED University, Karachi Pakistan

Completion: May/June 2025

Courses

- Advanced quantum mechanics
- Classical mechanics
- Mathematical physics
- Advanced computational Physics
- Advanced statistical mechanics etc

Research Topic: Nanotechnology

M.Sc Applied Physics
University of Karachi, Pakistan

2011 - 2013

- Specialized in Electronics (Gold Medalist)
- Relevant courses are Numerical methods, Classical mechanics, analogue and digital electronics, solid state physics etc. Relevant languages include: C++, Assembly, MATLAB & PLC (Programming Logic Controller)

B.Sc Physics
University of Karachi, Pakistan

2009 - 2011

- Includes theory and experimental courses to understand the physical and natural world around us. Studied Chemistry and Mathematics as subsidiary subjects.

Intermediate (HSSC)
Khatoon-e-Pakistan Govt Girls College, Karachi

2007 - 2009

- Main Science Subjects included: Mathematics, Physics, Chemistry

Matriculation(SSC)
Children paradise high school, Karachi

2005 - 2007

- Main Science subjects included: Mathematics, Physics, Chemistry, Biology

ACHIEVEMENTS

- Served on the AKUEB Physics Syllabus 2025 review panel
- Developed the Pacing Guide for AKUEB Physics teachers nationwide (AKU-EB, 2023)
- Designated ICT In-charge at HGHSS (2022)
- Served as Physics Seeder and Senior Marker at AKU-EB, (since 2023)
- Awarded Gold Medal for First Position in MSc Applied Physics (2013)