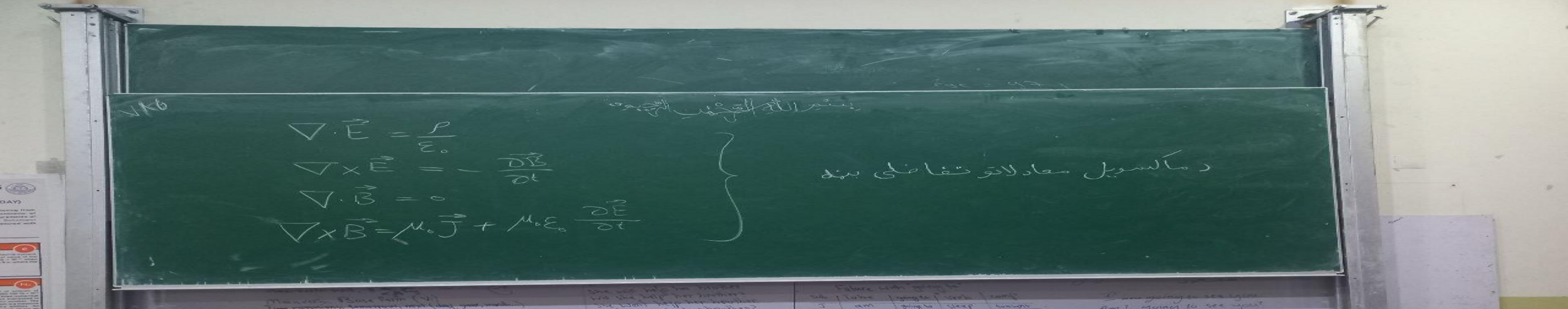


November 2025

Afghan Women's Physics Academy

Presented by Farsila Payandi



MISSION

- Empower Afghan Women in Physics through accessible online education, mentorship, and research opportunities.
- Foster confidence, leadership, and professional growth among women in Physics.
- Promote innovation and scientific thinking to solve local and global challenges.

VISION

- To become a global center of excellence in physics education and research.
- Inspire the next generation of Afghan women scientists to pursue careers in physics.
- Build a sustainable, inclusive scientific community in Afghanistan with international collaboration.

The Problem/ Need

- Afghan women face limited access to quality physics education due to social and economic barriers.
- Many talented girls lose opportunities to continue their studies or research (lack of mentorship, recourses in Physics Fields).
- Education in physics can restore hope, confidence, and leadership among Afghan women– inspiring a new generation of scientists.



Objectives



Academic Objectives

- Provide structured online and hybrid physics courses aligned with international standards.
- Facilitate research programs in both fundamental and applied physics.
- Establish a global mentorship network connecting Afghan and international physicists.
- Organize annual conferences, seminars, and workshops to share knowledge and ideas.



Social & Developmental Objectives

- Empower Afghan women through science education and leadership training.
- Encourage young girls to pursue careers in physics and scientific research.
- Strengthen collaboration between Afghan and international educational institutions.



Programs and Activities

01

Weekly Online Seminars

02

**Monthly Short- Term
Courses**

03

**Annual Conference &
Networking Events**

04

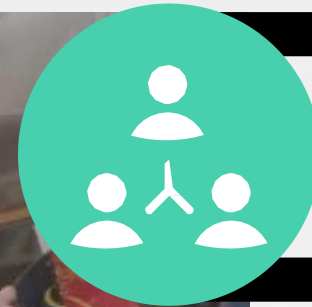
Research Collaboration

05

Mentorship Program

06

**Outreach & Motivation
Sessions**



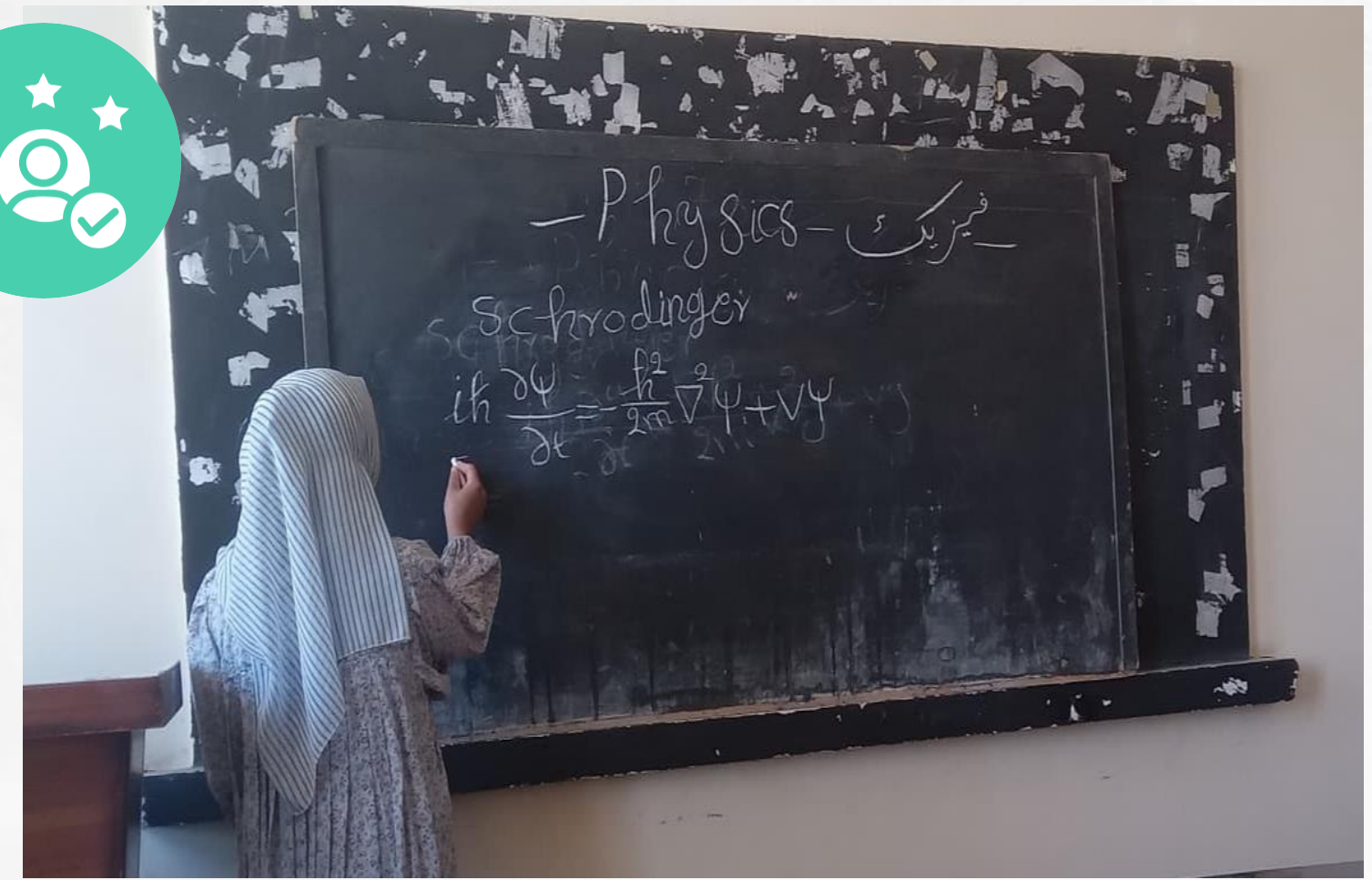
Target Beneficiaries

Afghan Women and girls at all academic levels, passionate about studying physics.

Target Beneficiaries

Educators and researchers in Afghanistan benefiting from collaboration and training.

International physicists and mentors engaged in supporting women in science.





Impact & Achievements

1

Introduced talented Afghan women to educational and research institutions for teaching and academic roles.

2

Achieved a significant increase in participation and engagement compared to previous.

3

Provide structured online and hybrid physics courses aligned with international standards.

4

Empower Afghan women through science education and leadership training.

5

Encourage young girls to pursue careers in physics and scientific research.

Join & Support Us

01. Mentorship

Contribute your expertise through mentorship, training programs, or joint academic projects.



02. Research

Collaborate with to advance physics education and research opportunities for Afghan women.



03. Partnership

Partner in building an inclusive, innovative, and globally connected scientific community.



04. Support

Support our mission to make quality STEM education accessible across Afghanistan.



CONTACT

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