

Dr. Faheel Hashmi

faheelhashmi.com

389-C, Faisal Town, Lahore
0346-3083599
mail@faheelhashmi.com
faheelhashmi.com
linkedin.com/in/faheel-hashmi

OBJECTIVE

A passionate teacher with over 12 years of teaching experience in reputed universities. Wish to engage with pre-university students and prepare the brightest ones for international physics and mathematics Olympiad. Looking for teaching (physics and mathematics) role at Cambridge O and A level/IB (and equivalent).

WORK EXPERIENCE

SEP 2023 – JAN 2025 (PT)
The University of Punjab
Visiting faculty

SEP 2023 – JUN 2024 (PT)
Lahore University of Management Sciences
Visiting faculty

MAY 2014 – JUN 2022 (FT)
COMSATS University Islamabad
Assistant Professor (TTS)

MAY 2013 – MAY 2014 (FT)
Beijing Computational Science Research Center
Postdoctoral Fellow

FEB 2010 – MAY 2013 (FT)
COMSATS University Islamabad
Assistant Professor (TTS)

FEB 2009 – JAN 2010 (FT)
Center of Excellence in Solid State Physics
Assistant Professor

TEACHING – COURSES

I have mainly taught theoretical physics and mathematics courses. The list includes classical, quantum and statistical mechanics, electricity and magnetism, ordinary and partial differential equations, mathematical methods, quantum optics, atomic and laser physics, modern physics and special theory of relativity. I have also conducted laboratory work for the modern physics course.

REFERENCES

References available on request

EDUCATION

2009 **Doctor of Philosophy**
Laboratoire Collisions Agrégats Réactivité
University Paul Sabatier, Toulouse, France

2005 **Master2 Recherche**
University Paul Sabatier, Toulouse, France

2001 **Master of Science**
Department of Physics
The University of Punjab

AWARDS & TRAININGS

2004 **PhD Scholarship**
Higher Education Commission of Pakistan

2013 **Professional Competency Enhancement Program for Teachers**
Higher Education Commission of Pakistan

COMPUTER SKILLS

INTERMEDIATE Javascript, Python, HTML, CSS, C, C++, Java, Linux, \LaTeX

EDUCATIONAL TOOLS & APPS

INTERMEDIATE Notability, LiquidText, PocketCAS, Jupyter notebook, Google Colab, My Blog, YouTube

SCIENCE COMMUNICATOR

HackerNoon

I have written a number of popular science articles on HackerNoon website. These include Nature's Naked Mystery, my favourite Quantum Bridge between Subjective and Objective Realities, A Quantum Perspective for Natural-Selection and Intelligent-Design Debate, and Interactive Quantum Learning.

HumSub (in Urdu)

Some of my Urdu writings are available on HumSub platform. These deal with science, religion, and the search for the truth.

The Black Hole

Two of my popular science lectures are available on the YouTube channel of The Black Hole. The topics are Quantum Mechanics for Layman and Quantum Reality and Non-Locality.