

MUHAMMAD KAMIL ABBASI

Physicist | Researcher | Management



About me

Creative, talented and innovative professional graduate with consolidated expertise in theoretical research, teaching, business management, business development having a passion for continuous learning and professional development.

Contact

- Born on 20th April 1996
- smkamilabbasi@gmail.com
- +92 332 5524482 or +92 306 0101474
- Plot 91 Street 11
I & T Center G-8/1, Islamabad, Pakistan
- Muhammad Kamil Abbasi
- Research Gate: Muhammad Kamil Abbasi

Languages

- English - Professional Knowledge
- Urdu - Native Language
- Hindko - Native Language

Research interests

- Spontaneous Emission Cancellation
- Optical Vortex Beam
- High Power Pulsed Lasers

EDUCATION

2019-2021	MS Physics COMSATS University Islamabad <i>Department of Physics</i> Specialized in Quantum Optics and Lasers CGPA: 3.49/4.00	📍 Islamabad, Pakistan
2014-2018	BS Physics University of Gujrat, Gujrat <i>Department of Physics</i> Govt Gordon College Rawalpindi CGPA: 2.57/4.00	📍 Gujrat, Pakistan
2012-2014	F.Sc BISE Rawalpindi <i>Pre-Engineering</i> Marks: 695/1100	📍 Rawalpindi, Pakistan
2010-2012	SSC BISE Abbottabad <i>Science</i> Marks: 832/1050	📍 Abbottabad, Pakistan

WORK EXPERIENCE

2022-06/2023	Lecturer Physics <i>PIES Group of Schools and Colleges Islamabad</i> Taught Intermediate Physics (Part I & II) Taught SSC Physics (Part I & II)	📍 Islamabad, Pakistan
10/2021-12/2021	Physics Teacher <i>Global Education System</i> Taught SSC Physics (Part I & II)	📍 Rawalpindi, Pakistan
2018-2019	Lecturer Physics <i>Wings Model College Rawalpindi</i> - Taught Intermediate Subjects (Part I & II) - B.Sc Physics Subjects (Electricity and Magnetism & Modern Physics and Electronics) - Incharge of Hiring Committee	📍 Rawalpindi, Pakistan
Fall-2020	Lab Supervisor <i>COMSATS University Islamabad</i> Theoretical lab on spontaneous emission cancellation driven by a Coherent field in three three-level atomic system	📍 Islamabad, Pakistan
07/2020-Present	Hostel Manager <i>The Luxurious Boys Hostel Islamabad</i> - Greet all visitors and handle their queries. Also checking of facilities and standards provided to clients. - Hiring and Looking after staff - Managing budgets, maintaining statistical and financial record	📍 Islamabad, Pakistan

MS RESEARCH TITLE

Multiple Coherent Population Trapping using a Five-level Atomic Medium with Spontaneous Emission Generated Coherence.

Soft Skills and Strengths

Creativity

Curiosity

Flexibility

Self Confidence

Ability to Plan and Organize

Autonomy

Adaptability

Eye for Details

Problem Solving

Team Working

Love Learning New Things

Leadership

Good Communication

Managing Information

Diplomacy

Good Listener

Patience

Professional Skills

Critical Thinking

Active Learning

Complex Problem Solving

Programming

Judgment and Decision making

Analysis and evaluation

Other Interests

- Documentaries

Exercise
- Chess

Travels
- Books

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ACADEMIC PROJECTS

- Four Way Traffic Signal Project
- Text Written on LCD
- 7 Segment Display Project
- Synthesis and Characterization of NiO
- Designing and Analysis of Mach Zehnder Type Interferometer (MZI) using ZEMAX
- Theoretical analysis of Quantum-mechanical interference effects in the spontaneous-emission spectrum of a driven atom.

INFORMATION TECHNOLOGY SKILLS

Data Analysis	Wolfram Mathematica: Specialized
	MATLAB: Basic Knowledge
Office Automation	MS Office (Excel, Word, PowerPoint): Highly Specialized
	TeX: Advanced
	Scientific Work Place: Specialized

PROGRAMMING LANGUAGES

- Mathematica: Highly Specialised
- C/C++: Intermediate

ACHIEVEMENTS, HONOURS and AWARDS

- Full Scholarship During Intermediate In Swedish College of Science, Rawalpindi
- Passed Scholarship exam organized by Prwali Welfare Trust in 2010 & 2012

CERTIFICATES

- Attend Conference on Nano Technology, Nuclear Physics, Solid State Physics and Environmental Physics
- Physics Hunt at Air University in 2017
- Attend IOP Publishing Virtual Conference on Quantum 19-22 October 2020

REFERENCES

References will be provided upon request