Tanzila Asghar

**Mobile:** 0318-4145194 / **E-mail:** physicist072@gmail.com

**Medical Physicist**

**Masters in medical physics with research in** comparison between Stereotactic body radiation therapy and surgical resection for non-small cell lung cancer. Looking for a challenging career to contribute towards the growth and development of an organization to grow personally and professionally **and crave for learning new things and exploring latest researches regarding the physics of the universe.**

Career Statement

A confident, enthusiastic and hardworking physics teacher who is able to teach students and encourage them to develop their skills, knowledge, and confidence. Possessing extensive knowledge of contemporary teaching methods and having immense subject knowledge, energetic, as well as a genuine interest in educating students. I am presently looking for an opportunity where I can get exposure and explore my skills.

Education

2019 M.PHIL Physics

The University of Lahore, Pakistan

Research in: Comparison between Stereotactic body radiation therapy and surgical resection for non-small cell lung cancer.

2018 Master of Education (M.ED)

Allama Iqbal Open University, Islamabad, Pakistan

Major subject: Science Education

2017 Bachelor of Education (B.Ed)

Allama Iqbal Open University, Islamabad, Pakistan

Major subjects: Teaching of physics, teaching of mathematics

2015 BS (Hons) Physics

University of the Punjab, Lahore, Pakistan

Major subject: Solid-state Physics

2010 Intermediate of Science (Pre-Medical)

Major subjects: Physics, Biology and Chemistry

2007 Higher Secondary Certificate (Metric)

Govt. Comprehensive High School for Girls, Lahore, Pakistan

Major subjects: Physics, Biology and Chemistry

Personal projects

Developed series and Parallel Circuits

* Developed these using Resistors, Capacitors, wires, battery and

Switches on a wooden substrate

Hydraulic crane

* Construct it using injections for demonstrating how cranes work

Developed an Alarm with principles of Electronics

* Developed it using LED, transistors, resistors, capacitor and wires
* Demonstrated it on breadboard

Work Experience

Visiting Teacher

University of Lahore, Pakistan

01/2018 – 5/2018

Responsibilities

* Assisted medical physics teacher
* Take assessments and conduct assignments

Teaching skills

* Able to conduct classes in a disciplined environment where children are challenged.
* Able to provide high quality learning experiences for students.
* Excellent communication skills.
* Knowledge of physics principals, laws, atomic structure & processes.
* Combining bits of information to create general conclusions.
* Planning, preparing and delivering lessons of high standard.

**Achievements**

* Won scholarships throughout my academic years
* Awarded with a laptop in university
* Certificates of participation in International conferences on materials science, Nanotechnology, biophysics and Medical physics held at The University of Lahore in 2016 organized by department of physics, in collaboration with INMOL.

**Skills and expertise**

To study more about Physics and to do practical work accordingly and implement my knowledge into physical things those are based on real world problems.

**Professional Skills Soft Skills**

Management skills Proficient in Computer Usage

Problem solving skills MS – Internet Explorer

Communication skills Microsoft Office

Influencing skills C**++**, MATLAB, Mathematica