



# MEHREEN KHAN

To pursue a challenging career and be a part of progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the Physics, Electronics and research field with sheer determination, dedication and hard work.



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## Experience

Premier American  
School, Canal  
Road Lahore  
2022 - Continued

### Physics Cambridge Teacher

Main activities and responsibilities:

- Teaches Physics in a unique way
- Elaborating various examples
- Design worksheets

Laurelbank Public  
School, Lahore  
2019 - 2021

### Coordinator

Main activities and responsibilities:

- to design school curriculum
- to measure student's achievement
- to promote effective teaching methods

Nestle` Pakistan  
Limited,  
Sheikhupura  
Factory  
2018 - 2019

### Plant Engineer

Main activities and responsibilities:

- to direct the smooth operation of the plant
- to oversee any modification and maintenance of equipment

Lasalle School  
System, Upper  
Mall, Lahore  
2017 - 2019

### Subject Specialist

Business or Sector:

- Education

Automotive  
Components  
Limited  
Jun 2017 - July 2017

### Internee

Business or Sector:  
Engineering

Technocall  
Enterprises  
Jul 2017 - Aug 2017

### Internee

Business or Sector:  
Engineering

## Education

Government  
College University,  
Lahore  
2020 - 2022

### Publication

Government  
College University,  
Lahore  
2015 - 2019

## Conferences and Seminars

Conferences  
Lahore

## Other Info

### MPhil in Physics

Main Subjects/Occupational Skills Covered:

- Atomic and molecular spectroscopy
- Experimental Techniques
- Plasma processing of materials
- Intense LASER-atom interaction
- Magnetism and Magnetic properties of materials

### Submitted

Dr. Syed Sajid Ali Gillani , Mehreen Khan, A DFT study of structural, electronic and optical properties of pure and Mg/Be doped RbCaF<sub>3</sub> fluoroperovskite

### B.Sc. Hons. Electronics

Main Subjects/Occupational Skills Covered:

- Modern Physics
- Solid State Electronics
- Quantum Mechanics
- Electromagnetic Theory
- Microprocessor controller and programming

### Pakistan

23/11/2016 - 25/11/2016

Attended 14 National Symposium on Frontiers in Physics held at Government College University, Lahore

1/12/2022 - 03/12/2022

Attended 17<sup>th</sup> National Symposium on Frontiers in Physics held at Government College University, Lahore

### Languages:

- English

Listening C2, Reading C2, Writing C1

Spoken Production B2, Spoken Interaction B2

- Urdu

## Skills

### Technical skills

- CASTEP Software
- Origin
- MATLAB
- NASM
- C++
- Keil
- Proteus
- Circuit Analysis
- Circuit designing
- Microsoft Office
- Adobe Photoshop

### Interpersonal skills

- Excellent communication skills
- Risk taking, team building and management
- Adaptability and ability to do work under pressure
- Decision making, critical thinking organizing and planning
- Excellent experience in supervision of projects

### Organizations Skills

- Stage Management at IEEE (Institute of Electrical and Electronics Engineering)
- Event Management at IEEE (Institute of Electrical and Electronics Engineering)

### Honors and Award

- Won presentation competition and poster designing Competition by Electronics Society, GCU Lahore
- Successfully defended MS Thesis work by securing GPA 4.00/4.00
- Fully funded government merit scholarship for B.Sc. Hons. Electronics
- Won Speed-Wiring Competition by Electronics Society, GCU Lahore
- Got laptop for high achievement from Chief Minister's Laptop distribution scheme

## Interest

- Event Management
- Photography
- Travelling

## Recommendations

Prof.Dr.Riaz Ahmad  
Chairperson  
Department of Physics  
Government College University,Lahore

Dr.Syed Sajid Ali Gillani  
Associate Professor  
Department of Physics  
Government College University,Lahore

Prof.Dr.Ali Asif  
Chairperson  
Department of Electronics  
Government College University,Lahore