



## Madiha Khan

Nationality [REDACTED]

Date of birth [REDACTED]

Gender: Female

✉ Email address: [madihakhan7121992@gmail.com](mailto:madihakhan7121992@gmail.com)

📍 Address: [REDACTED]

### WORK EXPERIENCE

#### Research assistant in university

*Air university Islamabad* [ 04/09/2018 – 30/11/2020 ]

City: Islamabad

Country: Pakistan

My responsibilities are collecting and analyzing data, preparing various materials, interviewing subjects, providing ready access to experimental data, and summarizing interviews. My main job requirements are research skills, critical thinking, excellent writing skills, computer competencies, attention to detail, and teamwork.

#### Lecturer of physics

*H.I.T Degree Collège, Taxila Cantt.* [ 01/09/2015 – 30/08/2018 ]

City: Taxila cantt

Country: Pakistan

Lecture planning, preparation, and research checking and assessing students' work.,encouraging personal development, invigilating examinations, attending staff meetings, Laboratory work, and practical performance.

#### College Teacher interne

*Govt. Degree College for Women , Jand/Attock* [ 15/11/2014 – 31/05/2015 ]

City: Jand/Attock

Country: Pakistan

Lecture planning, preparation, and research checking and assessing students' work.,encouraging personal development, invigilating examinations, attending staff meetings, Laboratory work, and practical performance.

### EDUCATION AND TRAINING

#### Ph.D. Physics (In process)

*Air University, Islamabad* [ 14/09/2018 – Current ]

Address: E-9, Islamabad , 44230 Islamabad (Pakistan)

<http://www.au.edu.pk/>

## **M.S Applied Physics**

**Air University, Islamabad** [ 04/09/2016 – 08/06/2018 ]

Address: Air university, E.9, Islamabad, 44230 Islamabad (Pakistan)

<http://www.au.edu.pk/>

## **Bachelors in Education (B.Ed)**

**University of the Punjab** [ 21/09/2016 – 21/09/2017 ]

Address: Canal Rd, Quaid-i-Azam Campus, , 54850 Lahore (Pakistan)

<http://pu.edu.pk/>

## **B.S Hons. In Physics**

**University of Wah, Wah cantt** [ 04/10/2010 – 10/09/2014 ]

Address: University of Wah, Quaid Avenue, Wah Cantt, 47040 Wah Cantt (Pakistan)

<http://uow.edu.pk/>

## **LANGUAGE SKILLS**

Mother tongue(s):

**Urdu**

Other language(s):

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

## **DIGITAL SKILLS**

Microsoft Word / Power Point / Microsoft Office / Facebook / Twitter / Instagram / Microsoft Excel /  
Microsoft Powerpoint / LinkedIn / Skype

## **PUBLICATIONS**

**Elevated temperature behavior of rapidly quenched La/Ce substituted nanocrystalline NdFeB alloys**

[2020]

<https://doi.org/10.1016/j.jallcom.2020.156292>

Mozaffar Hussaina, b,\*, Xuefeng Liaob, Rizwan Akrama, Gleb Milyutinb, Madiha Khana , Zhongwu Liub

“Elevated temperature behavior of rapidly quenched La/Ce substituted nanocrystalline NdFeB alloys with various compositions”

Journal of Alloys and Compounds Volume 845, 10 December 2020, 156292

**Synthesis, magnetic and temperature dependent dielectric behavior of Co<sub>2</sub>FeO<sub>4</sub> spinel ferrite**

[2021]

M.Atif, Madiha khan, Tabinda rafique, M.Nadeem

To be submitted, July 2021`.

## CONFERENCES AND SEMINARS

### International Workshop on Nanomaterials for Energy Conversion , Emerging Photovoltaic and Optoelectronic Technology (NEEPO-21) (Online)

[ National Centre for Physics (NCP), Islamabad , Pakistan, 21/09/2021 – 22/09/2021 ]

### 5th National Symposium on Laser Matter Interaction (LMI) (Virtual)

[ National Centre for Physics (NCP), Islamabad , Pakistan, 15/09/2021 – 16/09/2021 ]

### 10th School on LHC Physics (virtual)

[ National Centre for Physics (NCP), Islamabad , Pakistan, 23/08/2021 – 27/08/2021 ]

### Symposium on Dielectrics and High Frequency Microwave Materials

[ PENSTIC Islamabad, 11/11/2018 – 12/11/2018 ]

I present a poster in this Symposium . The Title of my poster is "Synthesis, magnetic and temperature dependent dielectric behavior of Co<sub>2</sub>FeO<sub>4</sub> spinel ferrite "

### International Conference of Mathematics and Physics

[ Air University , Islamabad, 13/02/2017 – 15/02/2017 ]

I am organizer in this conference.

## RECOMMENDATIONS

### Assistant Professor

Name: Dr. Mozaffar Hussain

Phone number: (+92) 3495014214

Email: [mozaffarhussain@mail.au.edu.pk](mailto:mozaffarhussain@mail.au.edu.pk)

He is my current PH.D. Supervisor.

### Associate Professor

Name: Dr. Muhammad Atif

Phone number: (+92) 3088825669

Email: [matif\\_80@yahoo.com](mailto:matif_80@yahoo.com)

He is my M.S research supervisor.

## HONOURS AND AWARDS

### Laptop

Air university Islamabad [ 10/04/2018 ]

Chief Minister Punjab "Mian Shahbaz Sharif" on (2018) awarding laptop on merit basis.

## DRIVING LICENCE

Driving Licence: B1

## HOBBIES AND INTERESTS

### Writing

I am a good writer and want to publish my book.