



Noor Alam

Professional summary

I am a highly motivated researcher with a strong passion for hybrid nanomaterials and nanotechnology. My academic interests lie in the field of Material science particularly in hybrid nanomaterials and nanotechnology, with a particular focus on materials such as Graphene, Mxene, perovskite, Lithium-ion batteries, and Quantum dots. I have a strong passion for researching and developing these materials for biomedical applications and energy storage devices. I am also keen on exploring the potential of hybrid nanomaterials for promoting environmental sustainability and addressing the effects of climate change.

Publications

Graphene Quantum Dots-Based Composites for Biomedical Applications

February 2024 -

[IGI Global](#)

Advanced concept and perspectives toward MXenes based energy storage device: Comprehensive review

April 2024 -

[Materialia \(Elsevier\)](#)

A Compendium of Nanomaterials for Corrosion Control: Categorizing Types and Evaluating Their Practical Uses

July 2024 -

[IGI Global](#)

Nanoparticles Based Water Filtration System For Pollutant Removal

AAP CRC Press (Review phase)

MXenes in Fuel Cells: Advancements in Clean Energy Technologies

Springer Nature (Review Phase)

Websites

+923119950982

theofficialnoor@gmail.com

Pakistan, KPK, Swat, Mingora, Village Kokarai Hajibaba road

Links

ndoubleor

nooriosity

Education

Bachelor of Science (BS)

2019 - 2023

University of Swat, Pakistan

BS- Physics (CGPA of 3.41/4.00)

Higher secondary school

2017 - 2018

Government Post Graduate Jahanzeb college

Pakistan, Sharif Swat

906/1100 (82.3%)

Secondary School Certificate

2015 - 2016

Madina Education Academy Dangram, Swat

Pakistan, Swat

965/1100 (87.7%)

Skills

MS-Office



Problem-solving



Adaptability



Creativity



Teamwork



Hobbies

Reading

Hiking

Google Scholar

[Noor Alam](#)

ResearchGate

[Noor Alam](#)

Enrolled (Online)

Fundamentals of Materials Science

Shanghai Jiao Tong University

Nanotechnology and Nanosensors

Technion

Semiconductor Physics

University of Colorado Boulder

Particle Physics: an Introduction

University of Geneva

Leadership Roles

General Secretary Khapl Kaliwal Karwan, Swat

Pakistan, Kokarai, Swat

Khapl Kaliwal Karwan is a non-profit organization, dedicated to providing the necessities of life such as food, shoes, clothing, and other essentials to those in need. ([link](#))

Member of Blood Chain Pakistan

Kokarai branch

A unified digital platform that can efficiently manage and track blood donations for Thalassemia and other patients in emergency. ([link](#))

Environmental Activist

Pakistan, Swat

Organized two climate action seminars, raising awareness among 500+ students. Also, initiated and led tree plantation initiatives, resulting in the successful planting of hundreds of trees.

◆ Gardening

◆ Cooking

Awards

🌸 Inter Higher/ High School Sports Tournament Distt: Swat

🌸 Gold Medalist Cricket

🌸 Silver Medalist Basketball

Languages

◆ English ◆ Urdu ◆ Pashto

Personal info

◆ Date of birth: 1 April 2000

◆ Nationality: Pakistani