


Curriculum Vitae

Syed Wajahat Ali

Lecturer

Personal Information

Nationality	Pakistani	
Department	Physics	
Faculty	Faculty of Physical science	
University	University of Balochistan, Quetta	
Mailing Address	314-B samungli housing scheme quetta	
Contact No	03337813909	
Personal Email	wajahat.phy@gmail.com	
Official Email	wajahat.phy@uob.edu.pk	

Professional Summary

Syed Wajahat Ali is a Lecturer in the Department of Physics at the University of Balochistan, Quetta, Pakistan, where he has been serving since June 2007. He holds an M.Phil. in Physics (2016) and is currently pursuing his Ph.D. in the same field. His academic background also includes an M.Sc. (2002) and B.Sc. (2000) in Physics from the same institution.

His research interests focus on nanotechnology, nanoscience, and material science, with particular work on nanomaterials such as ZnO, TiO₂, and nickel ferrite nanoparticles. He has published two research articles in W-category journals and has contributed to environmentally friendly synthesis methods of nanomaterials.

Mr. Wajahat has extensive teaching experience at both BS and M.Sc. levels, covering subjects such as quantum mechanics, applied physics, and modern physics. He has also supervised M.Phil. research, including work on carbon nanotubes for gas sensing devices.

Articles published (n)	2				
W-Category articles (n)	2				
X-Category articles (n)					
Y-Category articles (n)					
Z-Category articles (n)					
Quartiles of articles (n)	Q1	2	Q2	Q3	Q4
Books published (n)					
Projects completed (n)	National		International		
MS./M.Phil. produced (n)					
Ph.D. produced (n)					
Patents registered (n)					
Honors and Awards					

Research Pages and Accounts

Title	Links
Web of Science	
Scopus	
Google Scholar	
ResearchGate	

ORCID	
Academia	
ScholarGPS® ID	

Areas of Research Interests/ Specialization

<ul style="list-style-type: none"> ▪ Nanotechnology and nanoscience
<ul style="list-style-type: none"> ▪ Material science
<ul style="list-style-type: none"> ▪ Quantum Mechanics
<ul style="list-style-type: none"> ▪

Education

Degree	Field of Study	Institution	Year
Post-Doctorate			
Ph.D.	physics	UoB	In progress
M.Phil./MS	physics	UoB	2016
M.Sc./M.A.	physics	UoB	2002
B.Sc./B.A	physics	UoB	2000

Honors and Awards

Title of Award (s)	Institutions	Year

Thesis/Dissertations

Thesis Title	Degree	University	Year
Synthesis of carbon nanotubes for gas sensing device	M.Phil./MS	UoB	2016

Scholarships and Post-Doctoral Fellowships

Programs	Institution	Year
MS/M.Phil.		
Ph.D.		
Post doctorate		

Professional Experience

Position	Institution/Organization	Duration	Responsibilities
Lecturer	UoB	From 25 June 2007 till now	Teaching

Academic Appointments

Position	Institution	Duration	Years
Lecturer	Physics	From 25 June 2007 till now	

Administrative Roles (Internal at UoB)

Role	Institution	Years
Dean		
Chairperson		
Coordinator BS Program		
Coordinator M.Phil. Program		
Controller of Examination	Department of Physics, UOB, Quetta	2020 to date

Courses Taught

Course Title	Level	Years
Quantum mechanics and telecommunication	M.Sc	2007 till 2018
Applied physics, elementary physics, modern physics, mechanics and quantum mechanics	BS	2018 till now

Courses Developed

Course Title	Level	Years
Modern Physics, Quantum Mechanics	Undergrade	2018

Publications

Journal Articles		
No.	Title	Category/Impact Factor
1.	Ahmed, S., Kasi, J. K., Kasi, A. K., Bokhari, M., Bilal, A., & Ali, S. W. (2023). Phyto-mediated synthesis of enhanced band gap ZnO and TiO ₂ nanoparticles using Pisum sativum peels extract: comparison of their structural, optical, photocatalytic and antifungal characteristics. Chemical Papers, 77(12), 7697-7715.	W / IF = 2.146
2.	Bilal, A., Kasi, J. K., Kasi, A. K., Bokhari, M., Ahmed, S., & Ali, S. W. (2022). Environment friendly synthesis of nickel ferrite nanoparticles using Brassica oleracea var. capitata (green cabbage) as a fuel and their structural and magnetic characterizations. Materials Chemistry and Physics, 290, 126483.	W / IF: 4.778
Books		
Book Chapters		

Citations (As of 25 September 2025)

Google Scholar	
Citations	40
Publications	2

h-index	
i-10 index	
Web of Science	
Citations	
Publications	
h-index	

Conferences Presentations with Abstracts Publications

Year	Title	Conference	Location
2018	Synthesis and Characterization of carbon nanotube	International Conference of Material Science and Nanotechnology (ICMSN-2018) September 3-4, 2018	University of Balochistan Quetta, Pakistan

Conferences Organized

Year	Title	Conference	Location

Workshops and Seminars Attended

Title	Workshop/Seminar Name	Location	Year	Role

Workshops and Seminars Delivered

Title	Workshop/Seminar Name	Location	Year	Role

Short Courses/ Trainings Attended

Training/Short Course Name	Location	Year

Research Supervision

Name of Students	Thesis Title	Ph.D. Degree	Year
Name of Students	Thesis Title	M.Phil. Degree	Year

Research Projects/Grants and Funding

Project Title	Funding Agency	Amount (millions)	Years	Role

University Committees Memberships

Name of Committee	Roles	Year
Sport	Focal person for physical sciences	2021

Memberships of Professional Organizations

Name of Organization	Roles

Editorial Board / Reviewer Roles

Name of Journal	Role	Publisher	Since (Year)

Technical/Laboratory Skill Set

Skills	Levels
Project Planning	
Quantitative Data Analysis	
Qualitative Data Analysis	

Certifications/Diplomas (National/International Organizations)

Title of Certificate	Organizations	Year

Languages Proficiency

Language	Proficiency
English	Read, write, understand, speak
Urdu	Read, write, understand, speak

Softwares/ Analytical Tools

Software	Proficiency
MS Office	Basic

References

1.	Name	Prof. Jafar Khan Kasi
	Institution	Department of Physics, University of Balochistan, Quetta
	Contact No.	+92 336 2744633
	Email	jafarkhankasi@um.uob.edu.pk

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