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Name	Dr. Farooq Khan			
Designation	Assistant Professor			
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Faculty	Faculty of Arts and Basic Sciences			
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2015	PhD	Dalian University of Technology P. R. China	Theoretical Physics	
2010	MS/ Mphil	University of The Punjab Lahore	Theoretical Physics	
2006	Graduation	University Of Malakand	Physics	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Instantaneous dark state and trajectory tracking.	International Journal of Quantum Information	International	2013
2	Single photon reflection and transmission in optomechanical system.	International Journal of Quantum Information	International	2013
3	Interferences in photo-detached electron spectra from a non-collinear tri-atomic anion.	Chin. Phys. B,	International	2014
4	Reflectivity and transmissivity of a cavity coupled to a nanoparticle.	International Journal of Quantum Information	International	2014
5	Photo-Detachment of a Non-collinear Tri-atomic Anion.	Braz J Phys	International	2014

6	Dynamics and transmission of single two-level atom in an optomechanical system.	Eur. Phys. J. Plus	International	2014
7	Dynamics and transmissivity of optomechanical system in squeezed environment.	International Journal of Modern Physics B,	International	2015
8	Optomechanical induced transparency under the influence of spin ensemble systems.	Optik - International Journal for Light and Electron Optics	International	2019
9	A framework for head pose estimation and face segmentation through conditional random fields.	Signal, Image and Video Processing	International	2019
10	Transmissivity of optomechanical system containing a two-level system	International Journal of Modern Physics B	International	2019

Paper Presented

S. No	Title of Paper	Name of Conference	National/ International	Date
1	Photo-detached electron spectra from a non-linear tri-atomic system.	Material research in Pakistan.	National	2010

Books Authored/ Edited

S. No	Name of book	Publisher	ISBN

Work Experience				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2006	2007	Hira College Matta Swat from 2006 to 2007.	Lecturer
2	2007	2008	Govt Degree College Kabal Swat from 2007 to 2008.	Lecturer
3	2010	2012	Hira College Kabal Swat KPK Pakistan from 2010 to 2012.	Lecturer
4	2016	2017	Department of Physics UPR AJK Pakistan from July 2016 to July 2017.	Assistant Professor
5	2017	Date	Department of Physics BUITEMS Quetta Pakistan from September 2017 to Date.	Assistant Professor
Area of specialization			Theoretical physics	
Research Interest			Quantum Optics and Quantum Information Condense Matter Physics Quantum Optomechanics	
Future Research Plans			Center of Theoretical and Quantum Science.	
HEC Approved supervisor			Yes	
If Yes, provide HEC URL			<i>e.g.</i> http://sc.hec.gov.pk/aphds/	
Research grants/ Projects			Startup Research Grant completed.	
Additional Information				