




ZAKIR HUSAIN DELHI COLLEGE
(University of Delhi)

Faculty Details

(Please Fill the form and Email it to website@zh.du.ac.in)

Title	First Name	Last Name	Photograph
Dr	ANITA	KATNA	
Designation	ASSOCIATE PROFESSOR		
Address	C2/502, Capital Apartments, Vasundhara Enclave, Delhi – 110096.		
Phone Number	Office	01123233420	
	Residence		
	Mobile	9818424058	
Email Id	anitakatna@rediffmail.com		
Web Page			
Educational Qualification			
Degree	Institution	Year	
PhD	University of Delhi	2000	
MSc (Physics)	University of Delhi	1991	
BSc (Hons.) Physics	University of Delhi	1989	
Career Profile			
YEAR	DESIGNATION	COLLEGE/UNIVERSITY	
06.08.1996 - 07.01.2002	Lecturer (Temporary)	Zakir Husain Delhi College, University of Delhi	
08.01.2002 - 04.08.2005	Lecturer (Permanent) and Senior Lecturer	Zakir Husain Delhi College, University of Delhi	

05.08.2005 - till date	Promoted as Reader w.e.f 05.08.2005 and re-designated as Associate Professor from 05.08.2008.	Zakir Husain Delhi College, University of Delhi	
Administrative Assignments			
<ol style="list-style-type: none"> 1. Deputy Superintendent, Theory Examination, Zakir Husain Delhi College. 2. Member, Garden Committee, Zakir Husain Delhi College, AY 2023 - 2024. 3. Member, Screening Committee, Zakir Husain Delhi College, 2023 4. Member, Admissions Committee (Enabling Committee), Zakir Husain Delhi College, AY 2021 ; AY 2022 ; AY 2023. 5. Teacher-in-Charge, Department of Physics, Zakir Husain Delhi College, 19.08.2019 – 14.05.2020 ; AY 2020 – 2021 6. Member, NAAC Sub-Committee, Zakir Husain Delhi College, AY2022 7. Member, Library Committee, Zakir Husain Delhi College, AY 2019-2020 ; AY 2020 – 2021. 8. Member, Admissions Committee , Zakir Husain Delhi College, AY 2020. 9. Member, Promotion Committee, Zakir Husain Delhi College, September 2020. 10. Member, Entrepreneurship Development Cell, Zakir Husain Delhi College, AY 2020-2021. 			
Areas of Interest / Specialization			
Specialization in MSc (Physics) : Solid State Physics and Superconductivity			
Area of Research : Nuclear Interaction in Quark Model			
Subjects Taught			
<p>BSc (Prog.) Physical Science :</p> <ol style="list-style-type: none"> 1. Mechanics, Theory and Practical 2. Electricity, Magnetism and EMT, Theory and Practical 3. Thermal and Statistical Physics, Practical 4. Wave and Optics, Practical 5. Weather Forecasting, Theory 6. Computational Physics Skills, Theory 7. Quantum Mechanics, Practical <p>BSc (Hons.) GE :</p> <ol style="list-style-type: none"> 1. Mechanics Theory and Practical 2. Electricity and Magnetism Theory and Practical 			

Research Guidance
Publications Profile
<ol style="list-style-type: none"> 1. Charge Symmetry breaking effects in neutron-proton scattering using quark model. Anita Awasthi and V. S. Bhasin, Phys. Rev. C60, 014307 (1999). 2. Charge Symmetry breaking effects in nucleon-nucleon scattering derived from quark model. Anita Awasthi and V. S. Bhasin, Phys. Rev. C53, 50 (1996).
Conference Organization/ Presentations (in the last five years)
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
<ol style="list-style-type: none"> 1. Qualified Joint CSIR-UGC NET for JRF and LS in Physical Sciences in June 1993.
Association With Professional Bodies
Other Activities
<ol style="list-style-type: none"> 1. Refresher course in Physics and Electronics, organized by CPDHE, University of Delhi from December 23, 2010 to January 13, 2011. 2. Refresher course in Physics and Electronics, organized by CPDHE, University of Delhi from March 09, 2010 to March 30, 2010. 3. Orientation course, organized by CPDHE, University of Delhi from December 08, 2005 to January 04, 2006.