




Title	Dr.	First Name	Neena	Last Name	Khanijo	Photograph
Designation						
Address		A 47 Upper Ground Nirman Vihar Delhi 110092				
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Residence						
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Educational Qualifications						
Degree		Institution			Year	
B.Sc. (Hons.) Physics		Hans Raj College, University of Delhi			1983	
M.Sc. Physics with Electronics		Hans Raj College, University of Delhi			1985	
Ph.D		University of Delhi			1993	
Career Profile						
S.No.	Name of the College	Nature of Post	Period			
1.	Hans Raj College	Temporary	21.11.90 to 30.04.91			
2.	Moti Lal Nehru College	Part time	19.11.91 to 05.12.91			
3.	Moti Lal Nehru College	Ad-hoc	06.12.91 to 18.03.92			
4.	Kalindi College	Temporary	02.11.92 to 15.03.93			
5.	Kirori Mal College	Permanent	16.03.93 till date			
Administrative Assignments						
1. Member Library Committee 2016-17						
2. Teacher-in-Charge of the Department of Physics 2008-09						
3. Administrative assignments of the Department of Physics in previous years: Convener Purchase Committee Convener Library Committee Convener Seminar Committee Member of different Committees (Time Table, Laboratory up-keep, Purchase, Library, Seminar, Stock Register etc.)						
4. Member of Portal Committee						
5. Member of Parivartan (Previous)						
6. Member of Library Committee (Previous)						
7. Member of Development Committee (Previous)						
Areas of Interest/Specialization						
Electronics						
Subjects Taught						

1. Digital Systems and Applications
2. Analog Systems and Applications
3. Microprocessors and Computer Programming
4. Numerical Analysis
5. Mechanics

Research Guidance

Publications Profile

a. Research Paper

1. **Ultrasonic Velocity and Attenuation in Sodium niobate silicate glasses, Key Engineering Materials vol. 13-15 (1987) p.901-904**
2. **Electrical Optical and Structural Properties of Amorphous V2O5-TeO2 Blown Films, Journal of Non-Crystalline Solids 126 (1990)194-201**
3. **Electron Paramagnetic Resonance and Microhardness of binary vanadium tellurite glasses, Journal of Non-Crystalline Solids 146(1992)261-266**
4. **The influence of V4+ ion concentration on the EPR spectra of vandate glasses, Journal of Non-Crystalline Solids 181(1995)58-63**
5. **DC conductivity of binary and modified transition metal oxide glasses, Philosophical Magazine B, 1997, vol. 75 No. 2, 249-259**

b. Books

c. Chapter in books

d. Articles/Research Paper in Books

e. Conference Proceedings

Conference / Workshops/Training Organized

Creation of ICT Mediated Teaching Learning Pedagogy and Content

Conference/Workshops/Training attended as Faculty Member

1. Short Term Residential Course in Advance Electronics II held at University of Delhi South Campus from 13.06.1988 to 09.07.1988.
2. Orientation Course OR-23 conducted by the Centre for Professional Development in Higher Education (CPDHE) from 09.05.1994 to 04.06.1994
3. Training Course on Internet Concepts and Applications from 08.03.1999 to 12.03.99.
4. Training Course on Windows-95, MS Word and Power-Point from 30.03.1999 to 13.04.1999
5. Professional Development Program Refresher Course in Physics (Phy-6) conducted by the CPDHE from May 3, 1999 to July 11, 2000.
6. UGC Sponsored Refresher Course in Computer Science organized by Academic Staff College, JNU from 14.08.2000 to 08.09.2000.
7. Seminar on Quality System Mutual Recognition Arrangement & World Trade Organization in Present Indian Scenario organized by Indian Society of Analytical Scientists (ISAS) -Delhi Chapter, on 23 January 2004 at NPL, New Delhi
8. National Seminar on Emerging Trends in Science and Technology: Photonics and Nanotechnology organized by Department of Physics , Kalindi College on 01.02.2005 and 02.02.2005

9. International Conference on Physics Education World View on Physics Education in 2005: Focussing on Change from 21.08.2005 to 26.08.2005
10. Training Program on C & C++ Programming Language from 08.06.2011 to 15.06.2011 organized by Institute of Life Long Learning (ILLL), University of Delhi.

Invited Lectures/Resource Persons

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

Association with Professional Bodies

Indian Society of Analytical Scientists

Other Activities

Neha Khanijo
Signature of Faculty Member