
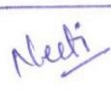




Shivaji College Faculty Details Proforma

Title	First Name	Neeti	Last Name	Goel	Photograph
Dr.					
Designation	Assistant Professor				 
Address	I-4/56, Sector-16, Rohini, Delhi-89				
Office Phone No.					
Residence	9958692596				
Mobile	9958334804				
Email	neetigoel09@gmail.com				
Web-Page					
Educational Qualifications	PhD(Physics)				
Degree	University/Institute				Year
Ph.D.	Department of physics and Astrophysics, University of Delhi				2013
M.Phil./M.Tech.	-----				-----
PG	Hindu College, University of Delhi				2009
UG	Hindu College, University of Delhi				2007
Any Other Qualification	No				
Career Profile					

Shivaji College (Ad – hoc : July 2013- till date)
Maitreyi College(Adhoc: January 2013 – April 2013)
Hindu College(Guest faculty:July 2012-october 2012)

Administrative Assignments

1. **Member of vidya vistar scheme**
2. **Member of remedial cell**

Areas of Interest/Specialisation

Material Science
Electronics

Subjects Taught

Nuclear and Particle Physics
Solid State Physics
Elements of modern Physics
Electricity and Magnetism
Mathematical Physics
Physics of Devices and Communication
Thermal Physics
Mechanics
Waves and optics

Innovation Project/Research Projects (Major Grants/Research Collaboration)

N.A.

Publications Profile (Research Papers/Books)

- “Optical, dielectric and thermal properties of Zn-doped sodium hydrogen phthalate single crystals” **Neeti Goel**, Nidhi Sinha and Binay Kumar, Optical materials 35 (2013) 479-486.
- “Remarkable Enhancement in optical and thermal properties of sodium hydrogen phthalate crystals due to Fe³⁺ doping” **Neeti Goel** and Binay Kumar, J. Crystal Growth 361(2012) 44-50.
- “Crystal growth, optical, mechanical and electrical properties of Inorganic material: Sodium tetraborate decahydrate” **Neeti Goel**, Nidhi Sinha and Binay Kumar, Mat. Res. Bull. 48 (2013) 1632-1632.
- “Effect of zinc chloride on structural, optical and dielectric behaviour of solution grown anthracene crystal” Nidhi Sinha, M. K. Gupta, **Neeti Goel**, Binay Kumar, Physica B, 406 (2011) 3206–3209.
- “Enhancement in ferroelectric, pyroelectric and photoluminescence properties in dye doped TGS crystals” Nidhi Sinha, **Neeti Goel**, B.K. Singh, M.K. Gupta, Binay Kumar, Journal of Solid State Chemistry, 190 (2012)180-185.

Conference/Seminar/Faculty Development Programme/Workshop

- Participated in “National Conference on Progress in Photovoltaics” held at SHARDA UNIVERSITY, Noida.
- Participated in “3rd International Conference on Current Development in Atomic, Molecular, Optical and Nano Physics with applications” held at Delhi University.
- Participated in “International Conference and Workshop on Nanostructured Ceramics and other Nanomaterials” held at University Of Delhi.
- “Design and Development of solution growth set up with top seeded bidirectional rotation technique (TSBRT)” by Neeti Goel and Binay Kumar, 14th National Seminar on Crystal Growth, VIT, Chennai, 2010.
- Member of organizing committee at National conference on **NANOWORLD** at Shivaji College, DU on 12-13 April 2018.
- Resource person at INSPIRE camp Dec 2016.
- Participated in the Faculty Development Program on “**Applied Physics and Embedded System Design**” held at Rajdhani College in December 2017.
- Participated in international “**e-conference on Advance functional materials and optoelectronic devices**” organized by ceter for renewable energy in June 2021
- Participated in a webinar on “**Experimental and computational tools for material research**” in June 2021 by Discipline of natural science, Department of Physics, Central University of Rajasthan.
- Resource person and member of 4 day capacity building program on research methodology by vidya vistar scheme in August 2021.
- Participated in 1 week International online faculty development programme on “**Materials characterization: Experimental and theoretical aspects**” organized by Hansraj college, Delhi University in September 2021.
- Participated in National workshop on “**Challenge of teaching Physics Laboratory Course in Online mode**” organized by Kalindi College, University of Delhi from 23rd -25th January 2021.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

N.A.

Awards and Distinctions

CSIR JRF and SRF

Memberships

N.A.

Other Academic Activities

1. Member of organizing committee of physics society, Shivaji College annual fest "TECH-INVENIO" in 2014,2015,2016,2017 and 2018.
2. Member of organizing committee of physics society, Shivaji College annual Workshop "SPECTRUM" in 2018.
3. Member of organizing committee of physics society, Shivaji College annual Workshop "PRATIBIMBM" in 2017.
4. Participated in a program "An afternoon with Sunita Williams" in 2016 at Department of Physics and Astrophysics, University of Delhi.

Cultural/ Extracurricular Activities

N.A.



Signature of Faculty Member