





## Shivaji College Faculty Details Proforma

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

<ul style="list-style-type: none"> <li>▪ Working as an Assistant Professor (Permanent) in Shivaji College, University of Delhi, New Delhi from Nov 22, 2023 onwards.</li> <li>▪ Worked as an Assistant Professor (Adhoc) in Shivaji College, University of Delhi, New Delhi from 24 July 2013 to Nov 21, 2023.</li> <li>▪ Worked as an Assistant Professor (Adhoc) in Matreyi College, University of Delhi, New Delhi from January 2023-April 2023.</li> </ul>
<p><b>Administrative Assignments</b></p> <ul style="list-style-type: none"> <li>▪ Member of vidya vistar scheme</li> <li>▪ Member of national ranking committee</li> <li>▪ Co-Coordinator and resource person of VALUE-ADDED COURSE (VAC) entitled “Differential Equations with Scientific Applications” conducted by Department of Physics, Shivaji College (University of Delhi) from Nov 1st 2021-April 30th 2022</li> <li>▪ Co-Coordinator of IIRS-ISRO Outreach Programme.</li> <li>▪ Convener and resource person of Ad-on Course entitled “Latex for academic writing “offered by Physics Department from March-May 2024.</li> </ul>
<p><b>Areas of Interest/Specialisation</b></p> <p>Material Science Electronics</p>
<p><b>Subjects Taught</b></p> <p>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</p>
<p><b>Innovation Project/Research Projects (Major Grants/Research Collaboration)</b></p> <p>N.A.</p>
<p><b>Publications Profile (Research Papers/Books)</b></p> <ul style="list-style-type: none"> <li>➤ “Optical, dielectric and thermal properties of Zn-doped sodium hydrogen phthalate single crystals” <b>Neeti Goel</b>, Nidhi Sinha and Binay Kumar, Optical materials 35 (2013) 479-486.</li> <li>➤ “Remarkable Enhancement in optical and thermal properties of sodium hydrogen phthalate crystals due to Fe<sup>3+</sup> doping” <b>Neeti Goel</b> and Binay Kumar, J. Crystal Growth 361(2012) 44-50.</li> <li>➤ “Crystal growth, optical, mechanical and electrical properties of Inorganic material: Sodium tetraborate decahydrate” <b>Neeti Goel</b>, Nidhi Sinha and Binay Kumar, Mat. Res. Bull. 48 (2013) 1632-1632.</li> <li>➤ “Effect of zinc chloride on structural, optical and dielectric behaviour of solution grown anthracene crystal” Nidhi Sinha, M. K. Gupta, <b>Neeti Goel</b>, Binay Kumar, Physica B, 406 (2011) 3206–3209.</li> <li>➤ “Enhancement in ferroelectric, pyroelectric and photoluminescence properties in dye doped TGS crystals” Nidhi Sinha, <b>Neeti Goel</b>, B.K. Singh, M.K. Gupta, Binay Kumar, Journal of Solid State Chemistry, 190 (2012)180-185.</li> </ul>
<p><b>Conference/Seminar/Faculty Development Programme/Workshop</b></p> <ul style="list-style-type: none"> <li>➤ Participated in “National Conference on Progress in Photovoltaics” held at SHARDA UNIVERSITY, Noida.</li> <li>➤ Participated in “3rd International Conference on Current Development in Atomic, Molecular, Optical and Nano Physics with applications” held at Delhi University.</li> <li>➤ Participated in “International Conference and Workshop on Nanostructured Ceramics and other Nanomaterials” held at University Of Delhi.</li> </ul>

- “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 center 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 23<sup>rd</sup> -25<sup>th</sup> January 2021.
  
- Participated in Teacher’s Summit Organised by Vidya Bharati Uchcha Shiksha Sansthan held at AICTE Auditorium, New Delhi on 04 November, 2023.
  
- Participated in the Inaugural Ceremony of Faculty induction Programme “**NEP 2020: PEDAGOGICAL IMPERATIVES ON HIGHER EDUCATION**” organized by University of Delhi on December 01,2023.
  
- Participated in One Week Online (Interdisciplinary) Faculty Development Programme on “**Dimensions of Research: From Literature Review to Data Analysis**” (04<sup>th</sup> – 09<sup>th</sup> December, 2023) organised by Shivaji College, University of Delhi in collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi.
  
- Participated in two Weeks Online Training Programme on “**NEP 2020 Orientation & Sensitization Programme**” (16<sup>th</sup> December, 2023 – 30<sup>th</sup> December, 2023) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) organised by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi.
  
- Participated in 4-Week Faculty Induction/Orientation Programme for “**Faculty in Universities/Colleges/Institutes of Higher Education**” from 22 January – 20 February, 2024 and obtained Grade A+.
  
- Participated in International Conference on “Resurgent on the Global Canvas” organised by Shaikshik Foundation in collaboration with NCPST & Shivaji College, University of Delhi during 25-26 February, 2024.
  
- Attended lecture in “Rashtrapati Bhavan Vimarsh Shrinkhala” by Shri S. Somanath Secretary, DoS and Chairman, ISRO, under India’s Space Achievements: Story of ISRO on 14th December 2023.

**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" from 2014-till date.
2. Organizing member in Lecture "Semiconductor Opto-Electronic Devices : A Perspective" by Prof. M. R. Shenoy, IIT Delhi, Shivaji College in Oct 2017.
3. Member of organizing committee of physics society, Shivaji College annual Workshop "SPECTRUM" in 2018.
4. Member of organizing committee of physics society, Shivaji College annual Workshop "PRATIBIMBM" in 2017.
5. Participated in a program " An afternoon with Sunita Williams" in 2016 at Department of Physics and Astrophysics, University of Delhi.
6. Member of organizing committee in International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
7. Member of organizing committee in International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.
8. Member of organizing committee in 4day capacity building on "Research Methodology" under aegis of Vidya Vistar Scheme from August 26-29, 2021.
9. Member of organizing committee in Webinar on "Role of IQAC in Accreditation Framework of NAAC" on September 21, 2021.

**Cultural/Extracurricular Activities**

N.A.



**Signature of Faculty Member**