




## Shivaji College Faculty Details Proforma

Title	PROF.	First Name	Neetu	Last Name	Rani	Photograph
<b>Designation</b>	Professor					
<b>Address</b>	Department of Mathematics Shivaji College (University of Delhi) Raja Garden, New Delhi, Delhi-110027					
<b>Office Phone No.</b>	011-25116644					
<b>Residence</b>	-					
<b>Mobile</b>						
<b>Email</b>	neeturani@shivaji.du.ac.in					
<b>Web-Page</b>						
<b>Educational Qualifications</b>	M.Sc(Mathematics), CSIR-UGC(NET), M.Phil(Mathematics), Ph.D(Mathematics)					
<b>Degree</b>	<b>University/Institute</b>			<b>Year</b>		
<b>Ph.D. Mathematics</b>	Kurukshetra University, Kurukshetra			January 2009		
<b>M.Phil. Mathematics</b>	Kurukshetra University, Kurukshetra			1998		
<b>PG M.Sc. Mathematics</b>	Kurukshetra University, Kurukshetra			1997		
<b>UG B.Sc.</b>	Kurukshetra University, Kurukshetra			1995		
<b>Any Other Qualification</b>	CSIR-UGC NET, Six months diploma in Computer course, Certificate Course in French, Diploma in French, Advanced Diploma in French					

CSIR-UGC NET	CSIR/UGC	1997
Six months diploma in Computer course	Indira Gandhi Institute of Computer Science, Ladwa	1995
Certificate Course in French	Department of Foreign Languages, Kurukshetra University, Kurukshetra	2007
Diploma in French	Department of Foreign Languages, Kurukshetra University, Kurukshetra	2008
Advanced Diploma in French	Department of Foreign Languages, Kurukshetra University, Kurukshetra	2009

### Career Profile

2025 onwards: Professor, Department of Mathematics, Shivaji College, DU, Delhi, India  
 2022- 2025: Associate Professor, Department of Mathematics, Shivaji College, DU, Delhi, India  
 2014- 2022: Assistant Professor, Department of Mathematics, Shivaji College, DU, Delhi, India  
 2011-2014: Assistant Professor, Department of Mathematics, Keshav Mahavidyalaya, DU, Delhi, India  
 2010: Assistant Professor, Department of Mathematics, Hansraj College, DU, Delhi, India  
 2004-2009: Lecturer, Department of Mathematics, University Inst. of Engg. & Tech., Kurukshetra University, Kurukshetra, Haryana  
 1999-2004: Lecturer, Department of Mathematics, Shri Krishan Institute of Engg. & Tech., (contract basis) Kurukshetra University, Kurukshetra, Haryana  
 1997-1999: Lecturer, Department of Mathematics, University College, (part time) Kurukshetra University, Kurukshetra, Haryana

### Administrative Assignments

#### Administrative Activities

Nodal Officer, Shivaji College since 9<sup>th</sup> December, 2024  
 Nodal Officer (Checker), PM-Vidyalaxmi Portal since June, 2025  
 Nodal Officer, Shivaji College during 9<sup>th</sup> February – 30<sup>th</sup> April, 2024  
 Teachers' Representative on the Governing Body of Shivaji College during 25<sup>th</sup> March – 24<sup>th</sup> March, 2023  
 Teacher-in-charge, Department of Mathematics, Shivaji College from April 2019-April 2020  
 Deputy Superintendent of Examinations, Shivaji College during 1<sup>st</sup> April 2018 – 30<sup>th</sup> April 2019

#### Currently serving as a convener/member of following committees:

Convener, General Purchase Committee, Shivaji College  
 Member, Library Committee, Shivaji College  
 Member of College Maintenance Committee, Shivaji College  
 Ex-Officio (Convener, General Purchase Committee), Development Committee, Shivaji College  
 Member, Student Advisory and Counselling Committee, Department of Mathematics, Shivaji College, University of Delhi, Delhi  
 Member, Student Progression/Alumni Committee, Department of Mathematics, Shivaji College, University of Delhi, Delhi

#### Served as Convener/Member of following committees:

Worked as a member of Screening Committee for Student of the Year Award 2024 – 25, Shivaji College, University of Delhi, Delhi (February 2025 – March 2025)  
 Member, General Purchase Committee, Shivaji College (April 2015 - March 2017; July 2021 – April 2024)  
 Member, Finance and Investment Cell, Shivaji College (February 2020 – April 2023)  
 Member, College Research and Innovation Cell, Shivaji College (July 2020 – June 2023)  
 Member, Cleanliness Committee, Shivaji College (July 2021 – April 2023)  
 Convener, Criteria 4 for Assessment, NAAC Committees for SSR, Shivaji College (July 2020 – June

2023)  
 Member, Project Purchase Committee, SERB sponsored MRP No. [MTR/2019/000329].  
 Member, Implementation of New Education Policy (NEP) Committee August 2021- August 2022, Shivaji College  
 Member, IQAC, Shivaji College (July 2021 - January 2022)  
 Member, Sports Committee, Shivaji College (April 2018 - March 2021)  
 Member, Project Purchase Committee, SERB sponsored MRP No. [EMR(2016)/000455].  
 Member, National Service Scheme, Shivaji College (April 2018 - March 2019)  
 Member, Canteen Committee, Shivaji College (April 2015 - March 2017)  
 Member, Time-table Committee, Shivaji College (April 2014 - March 2016)  
 Member, Cultural Committee, Shivaji College (April 2015 - March 2016)  
 Member, Project Purchase Committee, UGC sponsored MRP No. [42-• 42(2013)/SR]

**Areas of Interest/Specialisation**

Seismology  
 Wave Propagation  
 Theory of Elasticity  
 Mathematical Modelling of Industrial and Manufacturing Systems

**Subjects Taught**

**At post-graduate level (M. Sc. Mathematics):**

Representation Theory of Finite Groups  
 Module Theory

**At undergraduate level (B. Sc. (Hons) Mathematics, B.Sc (Hons) Computer Science, B.Tech.):**

Research Methodology  
 Differential Equations  
 Partial Differential Equations  
 Numerical Analysis  
 Numerical Methods  
 Latex and html  
 Group Theory  
 Linear Algebra  
 Ring Theory  
 Calculus  
 Fundamentals of Calculus  
 Multivariate Calculus  
 Number Theory  
 Network Flows  
 Advanced Mathematics (B.Tech.)

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

**Intramural Research Scheme of Research Cell Shivaji College- 2**

MRP/2020/0001- 'Yield Estimation of Baby Corn (Zea Mays L.) using Mathematical Modelling'  
 MRP/2022-2023/0002- 'Mathematical Modelling for Volume Estimation of Guava (Psidium Guajava L.)'

**Publications Profile (Research Papers/Books)**

Research Papers in Journals- 15  
 Book chapters- 12  
 Book Edited- 7  
 Paper presentations-25

**Conference/Seminar/Faculty Development Programme/Workshop**

Conference/Symposium 32  
Seminar/ Webinars 39  
Faculty Development Programs/Refresher course/Orientation Programs-25  
Workshops 18

**Research Guidance (Supervision of Doctoral Thesis/Dissertations)**

M.Sc (Mathematics with Applications in Computer Science) – 2  
B.Sc (Hons) Mathematics – 2 ongoing

**Awards and Distinctions**

Merit at State Level in Matriculation 1990  
Gold Medal in M.Sc Mathematics 1997  
Topper of KUK in M.Phil Mathematics 1998  
Gold Medal in Diploma in French 2008  
Gold Medal in Advanced Diploma in French 2008  
Haryana Board Merit Scholarship Jun 90 to May 95  
Kurukshetra University Post-graduate Scholarship Sep 95 – Sep 98  
Many Awards and Prizes in Extra-curricular Activities (Debates, Declamation, Quizzes, Sports, Cultural Competitions) as a Student at College Level  
Best NSS (National Service Scheme) Volunteer as a Student at College Level 1995

**Memberships**

Indian Mathematical Society (Life Member)  
Ramanujan Mathematical Society (Life Member)  
Center for Professional Advancement Continuous Education (Sep 2021 - Sep 2022)  
Member of Board of Studies for Applied Sciences, Kurukshetra University (2004 – 2006)

**Other Academic Activities**

Coordinator- 1  
Convenor- 6  
Resource person- 6  
Invited Talk- 3  
Organizing Committee Member- 14  
Member, Subject Expert Panel- 6  
Session Chair- 2

**Cultural/Extracurricular Activities**

**Signature of Faculty Member**