




## Faculty Details proforma for DU Web-site

Title	Dr.	First Name	Jyoti	Last Name	Sharma	Photograph
Designation		Associate Professor				
Address		C-2/13, Malka Ganj, Delhi-110007				
Phone No	Office	011-27666706; 011-27666702				
	Residence					
	Mobile	98643838424				
Email		jyotisharmacic@gmail.com				
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
MA ( Mathematics)		Indraprastha College, University of Delhi			1993	
B.Ed		Central Institute of Education, University of Delhi			1994	
M.Ed		Central Institute of Education, University of Delhi			1995	
M.Phil		Central Institute of Education, University of Delhi			1998	
Ph.D		Central Institute of Education, University of Delhi			2003	
<b>Career Profile</b>						
<p><b>1998-2011:</b> Assistant Professor, Shyama Parasd Mukherji College, University of Delhi</p> <p><b>2011-2012:</b> Associate Professor, Shyama Parasd Mukherji College, University of Delhi</p> <p><b>2012-March 2015:</b> Faculty of Deputation, Cluster Innovation Centre, University of Delhi</p> <p><b>March 2015 onwards:</b> Associate Professor, Cluster Innovation Centre, University of Delhi</p>						
<b>Administrative Assignments</b>						
<p>Co-Convenor: B.El.Ed Admission Committee</p> <p>Member: M.Sc ( Math Education) Admission Committee</p> <p>Convenor: Debate Society, SPM College</p> <p>Convenor, NSS, SPM College</p> <p>Convenor: Orientation Program Committee, SPM College</p> <p>Convenor, Prize Distribution Committee, Annual Day, SPM College</p> <p>Member, Academic Committee, B.El.Ed. Admission Committee</p> <p>Member, Department Research Committee, Department of Education</p> <p>Member, Committee of Courses, Department of Education</p>						
<b>Areas of Interest / Specialization</b>						
<ul style="list-style-type: none"> <li>• Innovations in Mathematics Pedagogy and Learning Resources</li> <li>• Learning traits and needs of Gifted Students</li> <li>• Cognitive strategies used by Mathematics learners</li> <li>• Popularizing Mathematics among young learners</li> </ul>						

Subjects Taught			
M.Sc (Mathematics Education) B.El.Ed B.Ed M.Ed			
Research Guidance			
Research guidance to Small Scale research at M.Sc ( Mathematics Education)			
Publications Profile			
Title of the Paper	Publication Type	Journal Name/Page Numbers	ISSN/ ISBN No.
Developing Context Specific Process model to identify and Mentor Gifted Children in India	Research Paper	International Education and Research Journal	ISSN No: 24549916
Where are they? gifted disadvantaged children in India	Research Paper / Review Article	Gifted Educaion International, ISSN 0261-4294, Page No. 215-223	ISSN 0261-4294
Nurturing Young Mathematicians: Challenges and Concerns	Research Paper / Review Article	Gifted and Talented International page no 99-106	ISSN 1533-2276
Non-formal Curriculum for Out of School Advanced Learners	Research Paper / Review Article	Gifted Education International page no: 75-80	ISSN 0261-4294
Pre-service teacher education reforms in India and Pakistan: Challenges and Possibilities	Research Paper / Review Article	International Journal of Research: Granthaalaya page no: 1-13	ISSN- 2350-0530
Revival and Innovations in Mathematics Pedagogy	Research Paper / Review Article	International Journal of Innovative Trends in Engineering page no: 13-16	ISSN: 2395-2946 ( Onlne0
Mentoring Young Minds: Responding the Needs of Gifted Children	Research Paper / Review Article	International Journal of Science and Research page no: 2891-2892 Vol 4, Issue 5	ISSN (Online): 2319-7064
Nurturing Talents in	Research Paper	The PrimaryTeacher, page no : 50-	ISSN 0970-9282

Mathematics	/ Review Article	52 vol 29	
Mathematical Giftedness: Exploring Conceptual Framework	Research Paper / Review Article	IDEA page no: 1-5	ISSN 1134-1548
Gifted Disadvantaged in Education Safety Net: A reality check	Research Paper / Review Article	Journal of Indian Education page no: 93	ISSN 0972-5628
Reaching to Unreached: Popularizing Mathematics through Community Radio Series	Conference Proc. Full Length Paper	Conference Proceedings of 4th International Conference	978-93-82702-42-9

#### Conference Organization/ Presentations (in the last three years)

#### Research Projects (Major Grants/Research Collaboration)

- Modelling Metro Feeder Bus Service in University of Delhi, North Campus- Feasibility and Financial Viability funded by University of Delhi
- Establishing Process Based Identification and Mentoring Practices for Potentially Gifted Children in Science and Mathematics funded by Office of the Principal Scientific Advisor to the Government of India
- Identification and Mentoring of Potentially Gifted Children in Science and Mathematics: Validating DIMP Model in collaboration with Vigyan Bharati funded by Office of the Principal Scientific Advisor to the Government of India
- Interdisciplinary Innovative project on **Consumer behavior and eco-friendly goods** funded by University of Delhi.
- National level project on Identification of gifted children in Science and Mathematics, funded by Office of the Principal Scientific Advisor to the Government of India.
- Minor project, **Preparing reflective mathematics teachers: Pre service initiative**, funded by UGC

#### Awards and Distinctions

Teaching Excellence Award on 93<sup>rd</sup> Foundation of University of Delhi, 1<sup>st</sup> May 2015

Association With Professional Bodies

Member, All India Association of Educational Research  
Member, The Association of Mathematics Teachers of India

Other Activities

**Other Related work:**

- Worked on project, "Preparing activities for assessing students' understanding of primary mathematics concepts through quiz", CIET, NCERT.
- Worked on project, "Preparing question bank for assessing HOTS for students in grade 10, NCERT.
- Contributed as member, writing team at NCERT, "Developing training modules for master trainers in mathematics at secondary level".
- Member, Review committee to the book, Pedagogy of Mathematics, Two-years B. Ed. Course, published by NCERT, 2012.