

Dr. (Mrs.) Namrata Bajpai

Objective Attaining good position in the Academic / Research Field

Nationality Indian

Date of Birth 20th October 1981

Husband's Name Dr. Abhishek Bajpai

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Academic Qualification

Schooling

Year	Degree	Institution	Board	%age
1997	10 th	Burgess English Medium Hr. Sec. school	I.C.S.E	80%
1999	12 th	Burgess English Medium Hr. Sec. school	I.S.C	65%

Higher Education

Year	Degree	Collage	Board	%age
2002	B. Sc (Botany, Zoology, Chemistry)	Govt. P.G Arts & Commerce College	Guru Ghasidas University	64%
2004	M. Sc (Chemistry)	Govt. Model Autonomous Science P.G College	Guru Ghasidas University	68%
2006	B. Ed	Maulana Azad College of Education	Guru Ghasidas University	74%
2014	Ph. D	Govt. Model Autonomous Science P.G College	Guru Ghasidas University	completed

Thesis title	Studies on synthesis and characterization of group IV 'A' rare earth impurity doped oxide phosphors prepared by sol-gel method.
Research Paper And seminars	<ol style="list-style-type: none"> 1. N.Bajpai, S A Khan, R S Kher, N. Brahme, S J Dhoble, "Sol gel synthesis and photoluminescence study of Eu³⁺ doped SnO₂", Rec. Res. in Sci. and Tech., 4, 114, 2012. 2. N. Bajpai, S. A Khan and R.S Kher, "Synthesis and luminescent characterization of SnO₂", ICIRT, 24, 2012 3. N.Bajpai, S. A Khan and R.S Kher, "Sol-gel Synthesis and Photoluminescence Properties of SiO₂:Tb³⁺ Nanoparticles", ICLA Hyderabad February 2012. 4. N. Bajpai, S. A Khan and R.S Kher, "Sol-gel fabrication and photoluminescence properties of SiO₂:Eu³⁺ particles.", NCLA, Pt. Ravishankar Uni. Raipur(C.G) 5. N. Bajpai, S. A Khan and R.S Kher, "The Role of Excess Water in Gelation time of Acidic Sol-Gel Polymerization of Tetraethoxysilane (TEOS)", NCRE, NIT Raipur (C.G). 6. N.Bajpai, S A Khan, R S Kher, N. Bramhe, S J Dhoble, A.Tiwari, "Thermoluminescence Investigation of Sol-gel Derived and gamma- irradiated SnO₂:Eu³⁺ Nanoparticles", J.Lumin. 7. N. Bajpai, S A Khan, R S Kher, N. Bramhe, S J Dhoble, A. Tiwari, "Influences of Rare Earth ions (Tb, Ce, Eu, Dy) on the Thermoluminescence Characteristics of Sol-gel Derived and gamma- irradiated SiO₂ Nanoparticles", Luminescence.
Experience	<ul style="list-style-type: none"> ❖ Teaching experience at DAV Public school as computer teacher for 1 year (2004-05). ❖ Teaching experience of 1 year (2005-06) at Subhania Anjuman Islamia Girls Hr. Sec School ❖ Teaching experience of 1 year (2006-07) at Saint Francis Convent. ❖ Teaching experience of 1 year (2007-08) at Biotech Department, Guru Ghasidas University. ❖ Teaching experience of 6 semesters (2009-11) at National Institute of Technology, Raipur (C.G). ❖ Teaching Experience At Bhanu Pratap Dev College Kanker for 3 years.
Interests	Surfing the net, making interesting programs, reading books, creative writing and managing events.
Aim	To utilize my full potential and knowledge for the advancement and betterment of my country by being in good position in Academic or Technical field or to be in the field of Research and Development.

