

Name Dr. Shiva Upadhyay Department Physics			
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Web-Page/ Bio-data			
Academic Qualifications: M.Sc, Ph.D			
Teaching Experience (Year) 16 years		Research Experience (Year)	7 years
Area of Research/ Specialization		Material science/Electronics	
Publications/presentations/conferences/workshops/FDP		<ul style="list-style-type: none"> • Shape controlled synthesis of gold nanoparticles and their efficacy in yield of fluorescence in Fluorescein dye molecule Journal of Environment and Biotechnology Research, Vol. 6, No. 2, Pages 199-207, 2017 • “PVP-Solvent Interaction” Guided Shape Control Synthesis of Gold Nanoparticles and 	

Their Application in
Ultra Specific Dye
Sensing IOSR
Journal of Applied
Physics (IOSR-JAP)
IOSR Journal of
Applied Physics
(IOSR-JAP) e-ISSN:
2278-4861. Volume
8, Issue 6 Ver. IV
(Nov. - Dec. 2016),
PP 72-76

- comparative
Studies of MgFe₂O₄
Nanoparticles
Synthesized using
Different Precursors
by Sol Gel Auto
Combustion
Method (Journal of
Atomic, Molecular,
Condensate & Nano
Physics Vol. 2, No.
2, pp. 101-108,
2015 ISSN 2349-
2716 (online); 2349-
6088 (print))
- Plasmonics in solar
cells poster
presented in
National
Conference on
Electrical Energy:
Safety and
Conservation,
Swami
Shraddhanand
College (22-23
January 2016)
- Add-On course –
cum-Training on
Technology &
Leadership In
Disaster

	<p>Management , 20th Jan -0th April 2016</p> <ul style="list-style-type: none">• Paper presented in National Conference on Climate Change Adaptation & Sustainable Development Organised by Swami Shraddhanand College(28-29 September 2016)• Faculty Development Program on Research Project Management (19th July 2016) by centre for Science Education And Communication.• Workshop On Introduction to Scilab on 22-23rd September 2017, Hansraj College, University Of Delhi.• FDP Workshop on Research Methodology, 6-12 January 2021, CPDHE, University Of Delhi• FDP on Philosophical Methodologies in Higher Education: Research & Training, Teaching Learning Center, Rmanujan College, University Of Delhi
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	<ul style="list-style-type: none">• One Week International (online) Faculty Development Programme on Materials Characterisation: Experimental & Theoretical Aspects from 20-24 Sept, 2021. Organised by Hansraj College, University of Delhi
Project (Innovation)	Plasmonic Nanostructures in Chemical and Biological Sensing (2015-16) completed