


Dr. Mast Ram	
	Associate Professor Department of Physics
	B.Sc. (N.M.) M.Sc. Physics and Ph.D.
Contact info Mobile: 9418054043 Email: mastram1999@yahoo.com	Teaching Experience : 25 years Areas of Interest: Teaching: Solid State Physics, Mechanics, Electricity and Magnetism Research, Nano Material Science
Subject Taught: Teaching: Wave Optics , Solid State Physics, Modern physics, Mechanics, Electricity and Magnetism Research: Nano Material Science	
Research publications: <ol style="list-style-type: none"> 1. Effect of (Fe, Co) co-doping on the structural, electrical and magnetic properties of ZnO nanocrystals prepared by solution combustion method: 2. Structural, microstructural and Raman study of Co-doped ZnO nanocrystals synthesized by solution combustion method 3. Room Temperature ferromagnetism and photoluminescence of nanocrystalline $Zn_{1-x}Co_xO$ thin films prepared by sol-gel MOD 4. Photoluminescence and Magnetism of $Zn_{1-x}Co_xO$ Nanoparticles Prepared by Solution Combustion Method: 	

Conferences-Seminars Presentations and participation:

1. Workshop-cum-Seminar on Microscopic Techniques in Nano Science (WSMTN-11), Himachal Pradesh University, Shimla, March 30th to April 5th, 2011.
2. National Conference on Recent Trends in Materials Science (RTMS-2011), **JP University** Waknaghat, Solan (HP), October 8th-10th, 2011
3. National Seminar on Experimental & Computational Techniques in Material Science, Himachal Pradesh University, Shimla. March 31st to April 2nd, 2012.
4. National Workshop on Nano Science and Technology (NST-2013), NIT, Hamirpur, June 3rd -7th, 2013.

Administrative Responsibilities:

1. Convenor of placement cell of the college
2. Member of Advisory committee of the college
3. Convenor of Website Development Committee
4. Building and College Purchase/Development Committee (Convenor)
5. Result Analysis Committee (Convenor)
6. IT/Smart Class Room/CCTV/Website Committee (Convenor)
7. Prize Purchase/ Certificate & Distribution Committee (Convenor)
8. General Purchase Committee (Convenor)
9. CSCA Advisory (Convenor)