



KIRORI MAL COLLEGE, UNIVERSITY OF DELHI



Title	First Name	ARTI	Last Name	Photograph
Designation	ASSISTANT PROFESSOR			
Address				
Phone No	Office			
	Residence			
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Educational Qualifications				
Degree	Institution	Year		
B.Sc(Hons.) Physics	Guru Nanak Dev University Amritsar	2009		
M.Sc Physics	Guru Nanak Dev University Amritsar	2011		
Ph.D	University of Delhi	Pursuing		
Career Profile				
Teaching in Kirorimal College Since 2012, till date on ad-hoc basis.				
Administrative Assignments				
NA				
Areas of Interest / Specialization				
Material Sciences				
Subjects Taught				
<ol style="list-style-type: none">1. Thermal Physics2. Elements of Modern Physics3. Mathematical Physics4. Electricity and Magnetism5. Mechanics6. Solid State Physics7. Waves and Optics8. Electric circuits and Network Skills9. Renewable sources of Energy Taught B. Sc (hons.) Physics and B. Sc (prog.)				
Research Guidance				
NA				
Publications Profile				

List of Publications : 2018-2020

1. Improved ferroelectric, magnetic and photovoltaic properties of Pr doped multiferroic bismuth ferrites for photovoltaic application. Arti, Sumit Kumara, Parveen Kumara, Rajan Waliac, Vivek Vermaa*, Results in Physics 14 (2019) 102403, <https://doi.org/10.1016/j.rinp.2019.102403>
2. Improvement in photovoltaic response of bismuth ferrite by tuning its ferroelectric and band-gap properties. Arti, Reema Gupta, Renuka Bokolia, and Vivek Verma, J Mater Sci: Mater Electron(Springer), <https://doi.org/10.1007/s10854-020-04925-z>.2020
3. Ferrites : Magnetic materials as alternate source of electrical green energy. Pranati Kharbanda , Tushar Madaan , Isha Sharma , Shruti Vashishtha , Parveen Kumar , Arti Chauhan, Sumit Mittal , Jarnail S. Bangruwa ,Vivek Verma, Heliyon 5 (2019) e01151.doi: 10.1016/j.heliyon.2019.e01151.
4. Steady Microwave Absorption behavior of two dimensional metal-carbide MXene and Polyanniline composite in X-band. Sumit Kumar, Arti, Parveen Kumar, Nidhi Singh, Vivek Vermaa, Journal of Magnetism and Magnetic Materials 488 (2019) 165364, <https://doi.org/10.1016/j.jmmm.2019.165364>.
5. Modified magnetic and electrical properties of perovskite-spinal multiferroic composites. Jarnail S. Bangruwa & Sumit Kumar & Arti Chauhan & Parveen Kumar & Vivek Verma , Journal of Superconductivity and Novel Magnetism (2019) 32:2559–2569, <https://doi.org/10.1007/s10948-018-4986-z>.

Conference / Workshops/Training Organized

List of Conference Attended : (2018-2020)

1. Paper presented (Oral) entitled “Improved ferroelectric, magnetic and photovoltaic properties of Pr doped multiferroic bismuth ferrites for photovoltaic application” at International Conference on Nano- structured Materials and Devices (ICNSMD-2018) , held on December 17 -20, 2018.
2. Paper presented (Poster) entitled “Structural, magnetic and photovoltaic properties of Mn doped Bismuth Ferrite” at International Conference on Atomic, Molecular, Optical and Nano-Physics with Applications”(CAMNP-2019), held on 18th-20th December 2019.
3. Participated in Conference Entitled “ Empowering Methodologies in Indian Management Research Conference “ , held on 16-17 December 2019.

Creation of ICT Mediated Teaching Learning Pedagogy and Content

NA

Conference/Workshops/Training attended as Faculty Member

FDP and Refresher Courses attended :

1. "Open Source Tools for Research" from June 08 - June 14, 2020 conducted by Ramnujan college

university of delhi, sponsored by MHRD Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.

2. Two Weeks Faculty Development Programme on "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" from July 02 - July 17, 2020 conducted by Ramnujan college university of Delhi, sponsored by MHRD Pandit Madan Mohan Malviya National Mission on Teachers and Teaching

Invited Lectures/Resource Persons

NA

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

NA

Association with Professional Bodies

NA

Other Activities

NA



Signature of Faculty Member