Curriculum Vitae of Dr. Meera Rawat

Full Name	**Dr. MEERA RAWAT**
Designation	**ASSISTANT PROFESSOR**
Department	Physics
Campus	HNBGU Campus Srinagar Garhwal
Address	Department of Physics H N B Garhwal University Campus Srinagar Garhwal Uttarakhand-246174
Mobile	+91-9358005823
Email	rawat.meera001@gmail.com

Educational Qualification- M.Sc.(Physics)-2007 -DSB, kumaon university Nainital, NET-JRF 2008, NET-LS 2009, Ph.D.(Physics)2017-IIT Roorkee

Carrier Profile-

Organization	Designation	Duration	Role
H N B Garhwal University	**Assistant Professor**	**11/06/2013 to Till date**	**Teaching, Research, Guiding Ph DStudents**

Teaching Experience- 09 years	**Research Experience**—16 years
Date of Birth –JULY 01, 1986	

Research interests – Condensed Matter Physics (ferroelectric, ferromagnetic materials, polymers and composites materials

<u>Administrative and co curricular experience</u>-

ASSISTANT PROCTOR 2014-2015

ASSISTANT PROCTOR 2015-2016

MEMBER OF BOARD OF STUDIES 13-04-2021- AT PRESENT

Membership of Scientific Organizations-

1.INDIAN PHYSICS ASSOCIATION (LIFE TIME MEMBERSHIP)
2.INDIAN SCIENCE CONGRESS ILIFE TIME MEMBER)

Research Supervision:

Number of Ph.D. Registered under my supervision: 01

Papers Published

1. Manoj Baloni, Ram Chhavi Sharma, Hemant Singh , Bushra Khan, Manoj K. Singh, Prakash Chandra Sati, Meera Rawat, Vikas N. Thakur, Ashok Kumar and R. K. Kotnala, Enhanced multiferroic properties and magnetoelectric coupling in Nd modified 0.7BiFeO3–0.3PbTiO3 solid solution, J Mater Sci: Mater Electron (2022) 33:17161–17173
2. Meera Rawat, K. L. Yadav "Dielectric, enhanced magnetic and magnetodielectric properties of hot pressed (BNBT-BFO)/PVDF composite films"Journal of Polymer Research 22 (2015) 230 (1-7)
3. Meera Rawat, K. L. Yadav "Electrical, Magnetic and Magnetodielectric Properties in Ferrite- Ferroelectric Particulate Composites" Smart Material and Structure24 (2015) 045041(1-11)
4. Meera Rawat, K. L. Yadav "Dielectric, ferroelectric and magnetoelectric response in $Ba0.92(Bi_{0.5}Na_{0.5})0.08TiO_3$ -$Ni_{0.6}5Zn_{0.3}5Fe_2O_4$ composite ceramics" Smart M ate rial and Structure23 (2014) 085032 (1-10),
5. Meera Rawat, K. L. Yadav "Compositional effects on the structural dielectric, ferroelectric and electrical properties of $Ba_{1-x}(Bi_{0.5}Li_{0.5})_xTiO_3$ ceramics" Material Chemistry and Physics 148 (2014) 655-663,
6. Meera Rawat, K. L. Yadav "Study of structural, electrical, magnetic and optical properties of $0.65BaTiO_3$ -$0.35Bi_{0.5}Na_{0.5}TiO_3$-$BiFeO_3$ multiferroic composite" Journal of Alloys and Compounds 597 (2014) 188-99
7. Meera Rawat, K. L. Yadav "Structural, dielectric and ferroelectric properties of $Ba_{1-x}(Bi_{0.5}Na_{0.5})_xTiO_3$ ceramics" Ceramics International 39 (2013) 3627 -3633,
8. Meera Rawat, K. L. Yadav, Amit Kumar, Piyush Kumar Patel, Nidhi Adhlakha, Jyoti Rani, "Structural, dielectric and conductivity properties of Ba^{2+} doped ($Bi_{0.5}Na_{0.5}TiO_3$) ceramics", AdvancedMaterial Letter3 (4) (2012) 286-292,
9. Nidhi Adhlakha, K.L. Yadav, Amit Kumar, Piyush Kumar Patel, Jyoti Rani and Meera Rawat, "Structural, optical and magnetic study of (1-x)ZnO–xMgO composites prepared through solid state reaction method", Physica B: Condensed Matter407 (2012) 3427-3433,
10. Meera Rawat, Manjusha, K. L. Yadav "Structural, Dielectric, Ferroelectric and Magnetic Properties of (x) $CoFe_2O_4$-(1-x) $BaTiO_3$ composite" IEEE Transactions on Dielectrics and Electrical Insulation 22 (2015) 1462-1469,

11. Meera Rawat, Manjusha, and K. L. Yadav “Study on structural, dielectric and magnetic behaviour of ferroelectric/ferrite magnetoelectric composites” AIP Conference Proceedings 1591, 625 (2014)
12. Meera Rawat, K. L. Yadav “Studies on electrical and optical properties of ferroelectric/ferrite composites” NCRAMS Proceeding 2013
13. Amit Kumar, K. L. Yadav, Piyush Kumar Patel, Jyoti Rani, Nidhi Adhlakha, Meera Rawat and Hemant Singh “Magnetocapacitance and Magnetic Properties of Cr3+ Ions Doped Hematite Prepared by Sol-Gel Method at Room Temperature”, IEEE conference, Nanoscience, Technology and Societal Implications (NSTSI), 2011 International Conference, (2011); doi:10.1109/NSTSI.2011.6111789.
14. Meera Rawat, K.L. Yadav “Structural, Dielectric and Conductivity Properties of Ba^{2+} doped $(Bi_{0.5}Na_{0.5})TiO_3$ Ceramic” “National conference in Advances in Physics (NCAP)” Proceeding, 2012.