

Dr. Geeta N Chavan

Designation: Assistant Professor

Teaching Experience: 13 years

Area of Research: Ferrite materials / Materials science

Qualification: M.Sc., Ph.D

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Research Publications of Dr. (Smt.) Geeta. N. Chavan, Assistant Professor, UG & PG Department of Physics, Karnatak Science College, Dharwad

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
<u>Temperature dependent electric properties and magnetoelectric effects in ferroelectric rich Ni_{0.8}Mg_{0.2}Fe₂O₄+ BaZr_{0.2}Ti_{0.8}O₃ magnetoelectric composites</u> P Chavan, LR Naik, PB Belavi, G Chavan, VT Muttannavar, ... Journal of Alloys and Compounds 777, 1258-1264	<u>9</u>	2019
<u>Electrical properties of Cd_{1-x}Ni_xFe₂O₄ ferrites</u> PB Belavi, BK Bamannavar, P Chavan, LR Naik, GN Chavan Proceedings of the materials and technologies for energy conversion and ...		2018
<u>Structural and Elastic Properties of Chromium Substituted Nickel Ferrites</u> VT Muttannavar, P Chavan, G Chavan, PB Belavi, LR Naik International journal of pure and applied research 2 (1), 1-6	<u>1</u>	2018
<u>Synthesis of Bi³⁺ substituted Ni-Cu ferrites and study of structural, electrical and magnetic</u>	<u>31</u>	2017

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
<u>properties</u> P Chavan, LR Naik, PB Belavi, GN Chavan, RK Kotnala Journal of Alloys and Compounds 694, 607-612		
<u>Studies on electrical and magnetic properties of Mg-substituted nickel ferrites</u> P Chavan, LR Naik, PB Belavi, G Chavan, CK Ramesha, RK Kotnala Journal of Electronic Materials 46, 188-198	<u>80</u>	2017
<u>Structural and magnetic properties of nickel substituted Mg ferrites</u> P Chavan, LR Naik, G Chavan, PB Belavi, RK Kotnala Procedia engineering 215, 9-16	<u>14</u>	2017
<u>Synthesis and characterization of Ni–Cd–Cu ferrites</u> PB Belavi, LR Naik, GN Chavan J. Shivaji Univ: Sci. Technol. 41, 1-2	<u>3</u>	2015
<u>Electrical Behavior of (y) Cd_{1-x}Ni_xFe₂O₄ (1-y) BaZr_{0.2}Ti_{0.8}O₃ Composites</u> GN Chavan, PB Belavi, LR Naik, BK Bammannavar, KP Ramesh Int. J. Sci. Eng. Res. 5, 1171-1177	<u>2</u>	2014
<u>Resistivity and grain size dependent magnetoelectric effect in (Y) Ni_{0.85}Cd_{0.1}Cu_{0.05}Fe₂O₄+(1-Y) Batio₃ ME composites</u> PB Belavi, GN Chavan, LR Naik, VL Mathe, RK Kotnala Int. J. Sci. Technol. Res. 2 (12), 298-306	<u>12</u>	2013
<u>Grain size dependent dielectric and magnetic properties of (Y) NCCF+ (1–Y) BTO particulate composites</u> PB Belavi, GN Chavan, LR Naik, RK Kotnala International Journal of Nanoscience 11 (03), 1240007	<u>13</u>	2012
<u>Multiferroic properties of (y) Ni_{0.65}Cd_{0.3}Cu_{0.05}Fe₂O₄ + (1-y) BaTiO₃ particulate composites</u> PB Belavi, LR Naik, GN Chavan AIP Conference Proceedings 1447 (1), 1127-1128	<u>1</u>	2012
<u>Structural, electrical and magnetic properties of cadmium substituted nickel–copper ferrites</u> PB Belavi, GN Chavan, LR Naik, R Somashekar, RK Kotnala Materials Chemistry and Physics 132 (1), 138-144	<u>161</u>	2012
<u>Magnetic properties of Cd substituted Ni-Cu ferrites</u>	<u>8</u>	2011

<u>TITLE</u>	<u>CITED BY</u>	YEAR
PB Belavi, GN Chavan, BK Bammannavar, LR Naik, RK Kotnala AIP conference proceedings 1349 (1), 1249-1250		
Magnetic properties and magnetoelectric (ME) effect in ferroelectric rich Ni_{0.2}Co_{0.8}Fe₂O₄+PbZr_{0.8}Ti_{0.2}O₃ ME composites		2009
BK Bammannavar, GN Chavan, LR Naik, BK Chougule Materials Chemistry and Physics 117		
Magnetic properties and magnetoelectric (ME) effect in ferroelectric rich Ni_{0.2}Co_{0.8}Fe₂O₄+PbZr_{0.8}Ti_{0.2}O₃ ME composites	40	2009
BK Bammannavar, GN Chavan, LR Naik, BK Chougule Materials Chemistry and Physics 117 (1), 46-50		