

- [16] R. Raeisi Shahraki, M. Ebrahimi, S.A. Seyyed Ebrahimi and S.M. Masoudpanah, "Structural characterization and magnetic properties of superparamagnetic zinc ferrite nanoparticles synthesized by the coprecipitation method," *J. Magn. Magn. Mater.*, vol. 324, pp. 3762-3765, 2012, doi: 10.1016/j.jmmm.2012.06.020.
- [17] C. G. Koops, "On the Dispersion of Resistivity and Dielectric Constant of Some Semiconductors at Audiofrequencies," *Physical Review*, vol. 83, no. 1, July 1951.
- [18] J.C Maxwell, *Electricity and Magnetism*, Oxford University Press, London, vol. 1, sec 328, pp. 376, 1873.
- [19] K.W. Wagner, *Ann. Phys.*, vol. 40, pp. 817, 1913.
- [20] E.J.W. Verwey and P.W. Haayman, "Electronic Conductivity and Transition Point of Magnetite (Fe_3O_4)," *Physica*, vol. 8, no. 9, pp. 979-987, 1941, doi: 10.1016/S0031-8914(41)80005-6.
- [21] K. Rama Krishna, Dachehalli Ravinder, K.Vijaya Kumar, Utpal S. Joshi and V. A. Rana, "Dielectric Properties of Ni-Zn Ferrites Synthesized by Citrate Gel Method," *World J. of Condensed Matter Physics*, vol. 2, pp. 57-60, May 2012, doi: 10.4236/wjcmp.2012.22010.
- [22] P. U. Mahamuni and B.K. Chougule, "Structural, Dielectric and Magnetic Properties of Nanocrystalline Ni-Zn Ferrites," *Archives of Physics Research*, vol. 1, no. 1, pp. 112-118, 2010.
- [23] Anshu Sharma, Kusum Parmar, R.K. Kotnala, N.S. Negi, "Magnetic and Dielectric Properties of $\text{Co}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ Synthesized by Metallo - Organic Decomposition Technique," *Int. J. Advances in Engineering and Technology*, vol. 5, pp. 544-554, Nov. 2012.
- [24] Amarendra K. Singh, A. Verma, O.P. Thakur, Chandra Prakash, T.C. Goel and R.G. Mendiratta, "Electrical and magnetic properties of Mn-Ni-Zn ferrites processed by citrate precursor method," *Materials Letters*, vol. 57, pp. 1040-1044, July 2003.
- [25] Md. T. Rahman, M. Vargha and C.V. Ramana, "Structural characteristics, electrical conduction and dielectric properties of gadolinium substituted cobalt ferrite," *Journal of Alloys and Compounds*, vol. 617, pp. 547-561, August 2014, doi: 10.1016/j.jallcom.2014.07.182.
- [26] B.D. Cullity, C.D. Graham, *Introduction to Magnetic materials*. IEEE Press, John Wiley & Sons, New Jersey, pp. 360-361, 2009.

IJSER