











- ferrites.” Journal of Materials Processing Technology, ELSEVIER, pp. 153-154, 797-803, 2004.
- [4] P.C.Dorsey, P. Lubitz, D.B.Chrisey, and J.S.Horowitz, , “CoFe<sub>2</sub>O<sub>4</sub> thin films grown on (100) MgO substrates using pulsed laser deposition.” Journal of Applied Physics, AMERICAN INSTITUTE OF PHYSICS, 79, pp.6338-6340, 1996.
- [5] J.G.Lee, J.Y. Park, Y.J.Oh, and C.S. Kim, “Magnetic properties of CoFe<sub>2</sub>O<sub>4</sub> thin films prepared by a sol-gel method, Journal of Applied Physics, AMERICAN INSTITUTE OF PHYSICS, 84, pp.2801-2804, 1998.
- [6] J.F.Hochepeid, P.Bonville, and M.P.Pileni,, “Nonstoichiometric zinc ferrite nanocrystals: Syntheses and unusual magnetic properties, Journal of Physical Chemistry B, ACS PUBLICATIONS, 104, pp.905-912, 2000.
- [7] Cullity, B. D,“ Elements of X- ray diffraction.” Massachusetts, USA, Addison Wesley., 1956.
- [8] O.S.Josyulu, and J.Sobbhanadri, (1980), “DC conductivity and dielectric behaviour of cobalt-zinc ferrites.” Physica Status Solidi A, WILEY ONLINE LIBRARY, 59, 323-329. Kale, G. M., and Asokan, T, “Electrical properties of cobalt-zinc ferrites Applied Physics Letters, AMERICAN INSTITUTE OF PHYSICS, 62, 2324-2325, 1993.
- [9] P.B.Pandya,,H.H.Joshi, and R.G.Kulkarni., “Bulk magnetic properties of Co-Zn ferrites prepared by the co-precipitation method.” Journal of Materials Science, SPRINGER, 26, pp. 5509-5512, 1991.
- [10] P.Bean, and J.D.Livingston,“Superparamagnetism.” Journal of Applied Physics, AMERICAN INSTITUTE OF PHYSICS, 30, pp., S120-S129,1959.
- [11] Kim, Y. II., Kim, D., and Lee, C. S., “Synthesis and characterization of CoFe<sub>2</sub>O<sub>4</sub> magnetic nanoparticles prepared by temperature-controlled coprecipitation method.” Physica B, ELSEVIER, 337,pp.42-51, 2003.
- [12] A.E.Berkowitz, and E.Kneller, “Magnetism and Metallurgy.” Academic, New York, Vol. 1, Chap.8, 1969.
- [13] X.Cao, and L.Gu,“Spindly cobalt ferrite nanocrystals: preparation, characterization and magnetic properties.” Nanotechnology, IOP SCIENCE, 16,pp. 180-185, 2005.
- [14] R.H.Kodama,“Magnetic nanoparticles.” Journal of Magnetism and Magnetic Materials, ELSEVIER, 200, pp.359-372, 1999.
- [15] T.Sato, T.Iijima, M.Seki, and N.Inagaki, “Magnetic properties of ultrafine ferrite particles.” Journal of Magnetism and Magnetic Materials, ELSEVIER, 65,pp. 252-256, 1987.
- [16] R.Arulmurugan,, G.Vaidyanathan, S.Sendhilnathan, and G.Jeyadevan, “Co–Zn ferrite nanoparticles for ferrofluid preparation: Study on magnetic properties.”Physica B, ELSEVIER, 363, pp. 225- 231, 2005.