

Basaveshwar Engineering College, Bagalkote
DEPARTMENT OF PHYSICS

Journals:

1. S. U. Durgadsimi, V.R.Kattimani, A.B.Kulkarni, S.N.Mathad “ Sythesis ans Structural Analysis of Nickel ferrite synthesized by Co-Precipitation method” Eurasian Physical Technical Journal, Vol.18. No.4(38)(2021).
2. Krishnamurthy Bhat, Bharati Meti, K. Chandrasekhar, “Planar Inter Digital Capacitive Sensor for Real time Transesterification Progress Monitoring of Karanja (Pongamia) Oil”, Asian Journal of Convergence in Technology ISSN NO: 2350-1146 I.F-5.11 Volume VI Issue III, PP-39-47, 2020.
3. S. U. Durgadsimi, S. S. Chougule, R.G.Kharabe, S. N. Mathad and M. K. Rendale “Solid state Synthesis and Structural Features of $\text{Li}_{0.5}\text{Ni}_{0.75-x/2}\text{Zn}_{x/2}\text{Fe}_2\text{O}_4$ Ferrites”, Int.J. Self Propagating High Temperature Synthesis, Vol.28, No.1, (2019), pp 71-73.
4. Sheela S Gandhad, Preeti M Patil, S N Mathad, Leena V Hublikar, P R Jeergal, S. U. Durgadsimi, R B Pujar “ Structural, Williamson-Hall Plot and Size-strain Analysis of $\text{Mg}_x\text{Ni}_{1-x}\text{Al}_x\text{Fe}_{2-x}\text{O}_4$ Ferrites”, Int.J.Adv.Sci.Eng.Vol.5 No.4,(2019), pp 1146-1153.
5. Krishnamurthy Bhat, Bharati Meti, K. Chandrasekhar, "Consolidation of available methods and design of a reliable physicochemical system for transesterification progress monitoring in biodiesel reaction chamber," International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Vol. 3, Issue 6, June 2016, Impact factor: 4.45, pp. 2334-2338.
6. Krishnamurthy Bhat, Bharati Meti, K. Chandrasekhar, “Automation technique for online transesterification process of biodiesel plant in India", International Journal of Bio-technology and Research (IJBTR), ISSN (O): 2249-796X; ISSN (P): 2249-6858, Volume 6, Issue 1, February 2016, pp. 13-18.
7. S. U. Durgadsimi, S. S. Chougule, and S. S. Bellad, “Electric and magnetoelectric properties of $\text{Li}_{0.5}\text{Ni}_{0.7}\text{Zn}_{0.05}\text{Fe}_2\text{O}_4 + \text{Ba}_{0.5}\text{Sr}_{0.5}\text{TiO}_3$ Magnetoelectric composites” Applied Mechanics and Materials, vol 592-594(2014) 826-830
8. Shaila U. Durgadsimi, Umesh V. Durgadsimi, “Women Empowerment through Education” Golden Research Thoughts (GRT), (2014)

Conferences:

1. Shaila U. Durgadsimi, V. R. Kattimani, Maruthi. N. S, S. N. Mathad, “Synthesis and Structural properties of nano nickel ferrite”, proceedings of sixth international conference (**online**) on “Advance in material science (ICAMS-2021) during 23-24 April 2021 organized by post-graduate department of physics Raja Ramarao Mahavidyala Jath. Page no 301.
2. Maruthi N.S and Shaila Umesh Durgadsimi, “Ac conductivity and Magneto electrical properties of $(y)Li_{0.5}Ni_{0.5}Zn_{0.05}Fe_2O_4+(1-4) Ba_{0.5}Sr_{0.5}TiO_3$ Magneto electrical composites”, proceedings of sixth international conference (**online**) on “Advance in material science (ICAMS-2021) during 23-24 April 2021 organized by post-graduate department of physics Raja Ramarao Mahavidyala Jath. Page no. 134
3. S S Bopardekar, K Chandrasekhar, N.R.Patil, “Synthesis, Structural and Optical Investigation of CdSe semiconductor Quantum Dots”, IConAMMA_2018.
4. S S Bopardekar, K Chandrasekhar, J G Ghantimath, N R Patil, “Novel route for Synthesis of Copper (II) Oxide Nanoparticles and Photoluminescence Properties” Second International Conference on Nanoscience and Engineering Applications, October 2018, Hyderabad.

Proceedings

1. R.G.Kharabe, Padma Rattu, Shaila U. Durgadsimi, “Synthesis and Characterization of Cu substituted Li-Ni ferrites”, Proceedings ISBN: 978-93-5254-637-4MMDA 2016, Pages 142-148.
2. S. U. Durgadsimi, Y.F.Nadaf, S. S. Bellad, “Magnetic and Magnetoelectric Properties of $LiNiZnFe_2O_4: BaSrTi_3O_3$ composites”, Proceedings ISBN:978-93-5254-637-4MMDA - 2016, Pages100-105.