



Gayatri Vidya Parishad College of Engineering for Women

Madhurawada, Visakhapatnam

(Affiliated to JNTUK, Approved by AICTE, New Delhi)

RESEARCH JOURNAL PUBLICATIONS

2022

1. Khuddush, M., Prasad, K.R. **B. Bharathi**, Global existence and blowup of solutions for a semilinear Klein-Gordon equation with the product of logarithmic and power-type nonlinearity, ANNALI DELL'UNIVERSITA' DI FERRARA, 68 (1), May 2022, 187 - 201, doi.org/10.1007/s11565-022-00395-9. Springer.
2. **K. L. Sai Prasad**, Certain curvature conditions on Lorentzian para-Kenmotsu manifolds, *Reliability: Theory and Applications*, 17 (2), 25-29, June, 2022.

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3. S.Suneetha, T. Satyanarayana and **K. L. Sai Prasad**, Curvature Tensors in SP-Kenmotsu Manifolds with respect to Quarter- Symmetric metric connection, *Reliability : Theory and Applications*, 16(4), 210-218, 2021, Online ISSN: 1932-2321.
4. V. Lakshmi Savithri Vatsalya, G. Sunita Sundari, Ch.S.L.N. Sridhar, **Ch.S. Lakshmi**, Evidence of Superparamagnetism in nano phased copper doped nickel zinc ferrites synthesized by Hydrothermal Method, *Optik - International Journal for Light and Electron Optics*, 247, 167874 , 2021, doi.org/10.1016/j.ijleo.2021.167874, ISSN: 0030-4026.
5. **K. L. Sai Prasad** , S.Suneetha, and G.V.S.R. Deekshitulu, On a class of Lorentzian para-Kenmotsu manifolds admitting the Weyl-Projective curvature tensor of type (1, 3), *Italian Journal of Pure and Applied Mathematics*, 45, 990-1001 , 2021, ISSN: 2239-0227.
6. **P. Srinivasa Rao** , G.Nageswara Rao, Effect of triton-X100 on ternary complexes of Cobalt (II), Nickel (II), Copper (II) and Zinc (II) with aspartic and citric acids, *Indian Journal of Chemistry*, 60A, 236-242, 2021, ISSN: 0376-4710.

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8. **Alekya Chalumuri**, Blended Learning Approach in English Language Learning, *Tathapi*, IX (VI), 2443- 2456, 2020, ISSN:2320-0693.
9. **V.S. Jahnvi**, S.K. Tripathy, A.V.N.R Rao, Study of structural, optical, dielectric and magnetic properties of Copper doped SnO₂ nanoparticles, *Journal of Electronic materials*, 2020, ISSN 0361-5235. doi.org/10.1007/s11664-020-08028-7.



Gayatri Vidya Parishad College of Engineering for Women

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10. Ch S L N Sridhar, K S Siva Maha Laxmi, D M Potukuchi and **Ch Sanyasa Lakshmi**, Dielectric properties of Superpara magnetic Titanium doped Nanophased Mn –Zn ferrites for High Frequency Applications, Materials Research Express, 6 (2019) 126117, Online ISSN: 2053-1591.
11. **A.Kameswara Rao**, Multiple positive solutions for a system of fractional higher order infinite point boundary value problems, TWMS J. Applied and Engineering Mathematics, 10 (1), 34-46, 2020, ISSN: 2146-1147.

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12. Lakshmiprasanna, HR; Angadi, V Jagadeesha; **Babu, B Rajesh**; Pasha, Mehaboob; Manjunatha, K; Matteppanavar, Shidaling, Effect of Pr³⁺-doping on the structural, elastic and magnetic properties of Mn–Zn ferrite nanoparticles prepared by solution combustion synthesis method, Chemical Data Collections, 24, 10027, 2019, ISSN: 2405-8300.
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14. R.Ajay Kumar, Sandeep Yechuri, G.Kiran Kumar, **B.Rajesh Babu** and Ch.Rajesh, Mn Modified Mesoporous TiO₂ particles: Synthesis, characterization and photovoltaic application, Journal of Electronic Materials, 48 (8), 5075-5079, 2019. DOI: 10.1007/s11664-019-07312-5.
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16. **V. Siva Jahnnavy**, Sumanta Kumar Tripathy, A.V.N. Ramalingeswara Rao, Structural, optical, magnetic and dielectric studies of SnO₂ nano particles in real time applications, Physica B: Condensed Matter, 565, 61–72, 2019, ISSN: 0921-4526.
17. **Ch Alekya, B V Ramani**, Scope of Blended Learning Approach in English Language Teaching For Secondary Level Students, IOSR Journal Of Humanities And Social Science, 24(7): 11-15, 2019, ISSN: 2279-0845.
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21. Tetiana Tatarchuka, Natalia Paliychuk , **Rajesh Babu Bitra** , Alexander Shyichuk, Mu. Naushad , Ivan Mironyuk , Dorota Ziolkowsk, Adsorptive removal of toxic Methylene Blue and Acid Orange 7 dyes from aqueous medium using cobalt-zinc ferrite nanoadsorbents, Desalination and water treatment 150:374-385, 2019. DOI: 10.5004/dwt.2019.23751.
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