RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY
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Department of Physics

Web of Science (SCI/SCIE/ESCI) INDEXED JOURNALS

2022-23

1. Dr. B.C. Jamalaiah, P. Raghupati, $Li_6AlGd(BO_3)_4$: Sm^{3+} phosphors for orange-red light sources, Optical Materials 131 (2022) 112702. (https://doi.org/10.1016/j.optmat.2022.112702)

2. G. Pullaiah, K. Venkata Rao, B.C. Jamalaiah , N. Madhu, Venkatramaiah Nutalapati, Spectroscopic and luminescent properties of Ce^{3+} -doped TeO2-WO3-GeO2 glasses, Material Science and Engineering B 284 (2022) 115879 (https://doi.org/10.1016/j.mseb.2022.115879)

3. B.C. Jamalaiah , N. Madhu , A. Surya Narayana Reddy , Pratiksha Gawas , Venkatramaiah Nutalapati, Structural and optical analysis of YAl3(BO3)4: Pr3+ phosphors for lighting applications, Optik 268 (2022) 169744.(https://doi.org/10.1016/j.ijleo.2022.169744)

4. B.C. Jamalaiah, P. Shahab Khan, N. Madhu , Pratiksha Gawas , Venkatramaiah Nutalapati, A. Surya Narayana Reddy , G.V. Lokeswara Reddy, Green luminescent Sr3Gd(PO4)3: Tb3+ phosphors for lighting applications, Ceramics International 48 (2022) 28927-28934. (https://doi.org/10.1016/j.ceramint.2022.04.067)

5. P. Raghupati, Dr. B.C. Jamalaiah, Structure, morphology and optical analysis of Dy^{3+} -doped Li6AlGd(BO3)4 phosphors for lighting applications, Journal of Molecular structures 1268(2022) 133695 (https://doi.org/10.1016/j.molstruc.2022.133695)

6. Dr. B.C. Jamalaiah, P. shahab Khan, Sr3Gd(PO4)3: Dy^{3+} phosphors for lighting applications, Journal of sol-gel science and technology, 105(2023) 266-277 (https://doi.org/10.1007/s10971-022-05995-7)

7. B.C. Jamalaiah, N. Madhu, Sk. Annar, K.Venkata Rao, K. Pavani, Bi_2O_3-B_2O_3-CaF_2-EuF_3 glass-ceramics for lighting applications, journal of materials science and materials in Electronics 34 (2023) 803 (https://doi.org/10.1007/s10854-023-10218-y)

8. **Sk. Nayab Rasool,** Sk. Shabeena , C.R. Kesavulu, Spectroscopic study of samarium (III) ion-doped sodium fluoro-borate glasses for visible laser applications, j. mate. science and mater. Electr. 33 (2022) 19263-19271. (https://doi.org/10.1007/s10854-022-08764-y)

9. **Sk Nayab Rasool,** Sk. Shabeena , N. Kiran, Structural, spectral and Judd–Ofelt intensity parameters of Pr^{3+} ion doped in sodium lead borophosphate glasses for visible LED applications, journal of materials science and materials in Electronics 33 (2022) 25187-25197 (https://doi.org/10.1007/s10854-022-09223-4)

10. Ravanamma Rallapalli, Muralidhara Reddy Kalimi, **Ravi Nirlakalla**, Padma Suvarna Reniguntla, Niobium oxide activated yttrium-barium titanate nanorod structured ceramics for energy storage application, International Journal of Applied Ceramic Technology 19 (2022) 2053 (https://doi.org/10.1111/ijac.14013)

11. **Ravi Nirlakalla**, R. Ravanamma, K. Muralidhara Reddy and R. Padma Suvarna, Structure and Dielectric Studies of Lanthanum Oxide Activated Niobium-Barium Titanate for Energy Storage Applications, ESC Transition 107(2022) 19505 (https://doi.org/10.1149/10701.19505ecst)

12. **Ravi Nirlakalla,** G. Surekha, R. Padma Suvarna, and K. Venkata Krishnaiah, Gadolinium Nitrate Decorated Reduced Graphene Oxide Structure and Morphological Studies for Battery Applications, ESC Transition 107 (2022) 19589 (https://doi.org/10.1149/10701.19589ecst)

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(https://doi.org/10.1142/S0218625X22500974)

14. Ravanamma Rallapalli, **Muralidhara Reddy Kalimi,** Ravi Nirlakalla, Padma Suvarna Reniguntla, Niobium oxide activated yttrium-barium titanate nanorod structured ceramics for energy storage application, International Journal of Applied Ceramic Technology 19 (2022) 2053 (https://doi.org/10.1111/ijac.14013)

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