



**RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
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**Web of Science (SCI/SCIE/ESCI) INDEXED JOURNALS  
2021-22**

1. **Dr. B.C. Jamalaih**, P. shahab Khan, Green emitting Sr<sub>3</sub>Gd(PO<sub>4</sub>)<sub>3</sub>: Pr<sup>3+</sup> phosphors, Luminescence, 37 (2022) 1361-1368. (<https://doi.org/10.1002/bio.4308>)
2. **B. C. Jamalaih**, N. Madhu, K. Pavani & A. J. Neves, Photoluminescence properties of SrAl<sub>2</sub>O<sub>4</sub>: Pr<sup>3+</sup> phosphors for red light sources, Journal Electronic Materials 51(2022) 5282-5300 (<https://doi.org/10.1007/s11664-022-09761-x>)
3. K Kiran Kumar, Ramachari Doddoji, **V B Sreedhar**, Nguyen Thi Quynh Lien, Ho Van Tuyen & Vasudeva Reddy Minnam Reddy, Dy<sup>3+</sup>-doped P<sub>2</sub>O<sub>5</sub>-Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O-CaF<sub>2</sub>-LiF glasses: thermal, spectro-luminescence and photometric properties, Bulletin of Materials Research 45 (2022) 43. (<https://doi.org/10.1007/s12034-021-02631-y>)
4. **Sk Nayab Rasool**, Sk. Shabeena, E. Chandra SekharS. Babu, C.R. Kesavulu, Development of neodymium (III) ions doped sodium fluoro-borate glass composite materials and study of the laser emission, Optik - International Journal for Light and Electron Optics, 255 (2022) 168700 (<https://doi.org/10.1016/j.ijleo.2022.168700>)
5. **Sk Nayab Rasool**, Sk. Shabeena, S. Babu, C.R. Kesavulu, V. Venkataramu, Erbium (III) ion-doped borate-based glasses for 1.53 μm broad band applications, Luminescence 37 (2022) 784-790. (<https://doi.org/10.1002/bio.4221>)
6. **N. Ravi**, G. Neelima, Nanda Kumar Reddy Nallabala, Venkata Krishnaiah Kummara, R. Ravanamma, V. John Reddy, M. Prasanth, K. Suresh, P. Babu, Role of excitation wavelengths and dopant concentration on white light tunability of dysprosium doped titania-fluorophosphate glasses, Optical Materials, 111 (2021) 110593 (<https://doi.org/10.1016/j.optmat.2020.110593>)
7. Vijay Singh, Venkata Krishnaiah Kummara, **N. Ravi**, Ji Bong Joo, Luminescence and electron spin resonance studies of narrow-band UVB emitting Gd<sup>3+</sup> doped Y<sub>2</sub>SiO<sub>5</sub> nanophosphors synthesized by sol-gel method, Optik 242 (2021) 167228. (<https://doi.org/10.1016/j.ijleo.2021.167228>)
8. Vijay Singh, Yatish R. Parauha, S.J. Dhoble, Venkata Krishnaiah Kummara, **N. Ravi**, Orange light emission from co-precipitation derived CaZr<sub>4</sub>(PO<sub>4</sub>)<sub>6</sub> doped with Sm<sup>3+</sup> phosphor, Optik 242 (2021) 167229. (<https://doi.org/10.1016/j.ijleo.2021.167229>)
9. Vijay Singh, Aman Prasad, Sumandeep Kaur, A.S. Rao, **N. Ravi**, Venkata Krishnaiah Kummara, Studies on green emitting characteristics of sol-gel derived Er<sup>3+</sup>-doped Ca<sub>2</sub>La<sub>8</sub>(SiO<sub>4</sub>)<sub>6</sub>O<sub>2</sub> phosphors, Optik 242 (2021) 167263. (<https://doi.org/10.1016/j.ijleo.2021.167263>)

10. Surekha G, **Ravi N**, Suvarna R. Padma, Krishnaiah Kummara Venkata, Structural and morphological studies of Bi<sub>2</sub>O<sub>3</sub>/MWCNTs doped reduced graphene oxide for energy storage applications, ECS Journal of Solid State Science and Technology 11(2022) 031004 (<https://doi.org/10.1149/2162-8777/ac5eb5>)
11. Ravanamma R, **Muralidhara Reddy K**, Venkata Krishnaiah K, Ravi N, Structure and morphology of yttrium doped barium titanate ceramics for multi-layer capacitor applications, Materials Today: Proceedings 46 (2021)259-262 (<https://doi.org/10.1016/j.matpr.2020.07.646>)
12. Nanda Kumar Reddy Nallabala, S.V. Prabhakar Vattikuti, V.K. Verma, V.R. Singh, Salh Alhammadi, **Venkata Krishnaiah Kummara**, V. Manjunath, M. Dhanalakshmi, Vasudeva Reddy Minnam Reddy, Highly sensitive and cost-effective metal-semiconductor-metal asymmetric type Schottky metallization based ultraviolet photodetecting sensors fabricated on n-type GaN, Materials Science in Semiconductor Processing 138 (2022) 106297 (<https://doi.org/10.1016/j.mssp.2021.106297>)