

## Department of Physics

### Dr. Bindu K R

| <b>Title</b>   | <b>Author</b>                | <b>Name of the Journal</b>                      | <b>Year</b> |
|--|------------------------------|---|-------------|
| Greenish yellow emission from Wurtzite structured ZnS:Ce nanophosphor synthesized at low temperature                 | K. R. Bindu and E. I. Anila  | Journal of Luminescence                         | 2018        |
| Effect of Dopant Precursor Solutions on the Structural and Optical Properties of ZnS:Cu Nanophosphors.               | .K. R. Bindu and E. I. Anila | Journal of Nanoscience and Nanotechnology       | 2020        |
| Formation and photoluminescence of ZnS:Tb nanoparticles stabilized by polyethylene glycol.                           | K. R. Bindu and E. I. Anila  | Materials Today: Proceedings                    | 2021        |
| Highly luminescent ZnS:Mn quantum dots capped with aloe vera extract.  | K. R. Bindu and E. I. Anila  | Solid State Communications.                     | 2021        |
| Optimized synthesis temperature and doping concentration of copper in zinc sulphide nanoparticles for green emission | K. R. Bindu and E. I. Anila  | Materials Science in Semiconductor Processing . | 2021        |