

Rare earth activated phosphor compounds and the process of preparation of phosphors thereof

- This process has been specifically designed for preparing indigenous rare earth activated phosphor compounds.
- The present invention relates to the use of UV radiation for phototherapy in phototherapy lamps.
- **Milestones achieved:**
 - ***IP Status:*** An Indian patent has been granted & patent no. is 277495
 - ***USP of technology:*** The rare earth activated phosphor compound is produced from indigenously available raw materials in a single step and in cost effective manner.
- Technology was developed at Ramdeobaba Kamla Nehru Engineering College, Nagpur and supported by ICMR.
- ICMR is seeking potential collaborators for the validation of technology.