

PROFILE

Mr. BONGANI KIRAN KUMAR



OFFICE ADDRESS

B KIRAN KUMAR

M.Sc.,B.Ed,NET,SET.
Lecturer in Physics Department
of Physics
Govt.Degree College,
Rayachoty, Anammayya(Dist)
A.P, INDIA

RESIDENTIAL ADDRESS

38/109-21,
Krishna puram
Chittor road,
Rayachoty,
Annamayya (Dist)
A.P, INDIA
PIN-516269

CAREER OBJECTIVES :

- ✓ To excel in the area of Teaching.
- ✓ To become an effective and successful Teacher.
- ✓ To train/motivate the students an efficient, effective and in successful manner.

PROFESSIONAL EXPERIENCE: 8+ Years

| Name of the Organization/Institution | Designation & Department | Period | |
|--|--------------------------|------------|------------------|
| | | From | To |
| Government Degree College, Rayachoty | Lecturer | 02-10-2021 | Till to the date |
| SYTR Government Degree College, Madakasira | Lecturer | 06-06-2018 | 01-10-2021 |
| S.G.S. Arts college, Tirupati (TTD) | Lecturer | 25-10-2016 | 05-06-2018 |
| Riverside Public school, Kotagiri | Teacher | 06-07-2015 | 24-10-2016 |

ACADEMIC RECORD:

| Course | Board/University | Year | Class |
|----------|---|------|-------------|
| CSIR NET | CSIR-HRDC | 2017 | JRF |
| APSET | Osmania University, Hyderabad | 2015 | Lectureship |
| M.Sc | Hyderabad Central University | 2015 | Distinction |
| B.Sc | Silver Jubilee govt degree college, Kurnool | 2013 | Distinction |

SUBJECTS HANDLED/TAUGHT:

| Title of the Subject | UG/PG Level |
|---------------------------------------|-------------|
| Mechanics,Waves and Oscillations | UG |
| Wave optics | UG |
| Thermodynamics | UG |
| Electricity,Magnetism and Electronics | UG |
| Modern physics | UG |
| Electronic applications | UG |
| Electrical appliances | UG |
| Solar energy | UG |

RESEARCH ACTIVITIES

Ph.D. TOPIC:

“Optical and luminescence properties of Nd³⁺, Yb³⁺/Nd³⁺ and Er³⁺-doped oxyfluoride glasses for photonic applications”

RESEARCH PUBLICATIONS:

| S.No | Title of the paper Published | Journal | Year of Publication | Impact Factor |
|------|---|------------------------------|---------------------|---------------|
| 1 | Sensitization effect of Nd ³⁺ ions on Yb ³⁺ /Nd ³⁺ co-doped oxyfluoride glasses and study of their optical, fluorescence, and upconversion abilities for visible laser and NIR amplifier applications. | Ceramic International | 2022 | 5.1 |
| 2 | Optical, emission, and excitation dynamics of Eu ³⁺ -doped bismuth-based phosphate glass for visible display laser applications. | Luminescence | 2022 | 3.2 |
| 3 | Study of Eu ³⁺ -Gd ³⁺ co-doped Ba-Bi-B glasses for red-laser applications: Physical, structural, photoluminescence and time-resolved spectral characteristics | Ceramic International | 2023 | 5.1 |
| 4 | Spectroscopic characteristics and gain cross section profiles of erbium doped borotellurite glasses for optical amplifier applications. | Optical materials | 2024 | 3.8 |
| 5 | Structural, thermal, and spectroscopic properties of Er ₂ O ₃ -doped oxyfluoro tellurophosphate glasses. | Materials Today: Proceedings | 2024 | 2.1 |

IN SERVICE TRAINING PROGRAMMES ATTENDED:

- i.** Completed a 4-Week Induction/Orientation Programme organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the Ministry of Education, from 19-11-2021 to 18-12-2021.
- ii.** Participated in a 5-Day Training Programme for Teachers on Solar Energy - Content Delivery and Assessment Methods, organized by the Commissionerate of Collegiate Education, A.P., Vijayawada, in collaboration with KSN Government Degree College for Women, Ananthapuramu, from 10-08-2022 to 14-08-2022.
- iii.** Attended a Faculty Development Program on E-Content Generation for LMS, organized by SKR & SKR Government College of Women (A), Kadapa, from 20-10-2022 to 21-10-2022.
- iv.** Completed a UGC-Sponsored Two-Week Refresher Course in Physics organized by Sri Venkateswara University, Tirupati, from 02-02-2023 to 15-02-2023.
- v.** Completed a Training of Trainers (TOT) e-Certificate Program in English Medium of Instruction, organized by Government Degree College, Rayachoti, from 12-06-2023 to 17-06-2023.

COLLEGE LEVEL ACTIVITIES

In addition to regular curriculum, I used to assist and participate in

- IQAC Coordinator
- AISHE, NIRF Coordinator
- NCC Care Taker officer
- NSS Program officer
- Disciplinary and Anti-ragging committee convener
- Attending to invigilation
- Participation in the celebration of National festivals

- Assistance in blood donation camps
- Conduction of study tours
- Field trips
- In charge in Dept. of Physics

PERSONAL PROFILE:

Date of Birth : **09/07/1993**
Gender : Male
Nationality : Indian
Marital Status : Married
Religion : Hindu

DECLARATION:

I hereby declare that the above-mentioned details are genuine to the best of my knowledge and belief.

Place: Rayachoty
Date: 10-05-2025

(**B.Kiran Kumar**)

