

1 Name of Faculty Dr.G. NATARAJU
 2 Designation Assistant Professor
 3 Nature of Job/Appointment Regular
 4 Date of Joining 09 – 09 - 2002
 5 E-mail gnataraju_physics@cbit.c.in



6 Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Physics)	Awarded
PG	M.Sc.	First
UG	B.Sc.	First

7 Work Experience

Teaching	28 years
Research	04 Years
Industry	-
Others	-

8 Area of Specialization Solid state physics, Electronics

9 Professional Memberships -

10 Responsibilities held at Institution Level Co-Ordinator Chaitanya Geethi

11 Responsibilities held at Department Level Department representative in NBA, NAAC & ISO

12 Research Guidance --

13 Awards Received --

14 Courses Handled at Under Graduate / Post Graduate Level. Physics, Optics and semiconductor physics

15 No. of Papers Published National Journals – 01 International Journals – 02

National Conference – Nil International Conference – Nil

16 Projects Carried out --

17 Patents --

18 Technology Transfer --

19 Invited Speaker స్వయం తేజస్విన భవ

20 No. of Books/Chapter Published with details

21 Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops. Other Trainings (Attended and/or Organized).

1. Attended two weeks FDP on Digital Transformation in Teaching Learning Process (DTITLP) course organized by NPIU, and conducted by IIT Bombay on SWAYAM. From April 6 to April 22 2020

2. One week online Faculty Development Program on OBE & NBA accreditation process organized by CBIT Hyderabad from 28 May to 1 June 2020

3. One week online Faculty Development Program on Materials: Recent Trends & Engineering Applications organized by Gokaraju Rangaraju Institute of Technology, Hyderabad from 2 June to 7 June 2020

4. One week online Faculty Development Program on Renewable Energy Systems organized by IGEN (The Institute of Green Engineers) from 8 June to 12 June 2020

International Journal

1. BOORA, D. S., **Nataraju, G.**, Naresh, P., Mohan, P. M., & Kumar, K. S. Antimicrobial Efficiency, Structural, Optical and Conductivity Studies of Cao-Sb₂O₃-Li₂O Containing Bioactive Borate Glasses for Multiple Applications. <https://dx.doi.org/10.2139/ssrn.4032291>
2. **Nataraju, Gandla**, P. Murali Mohan, Arrolla Laxman, Pallati Naresh, N. Narsimlu, and K. Siva Kumar. "Physical and optical properties of Na₂O doped BaO containing boro-Tellurite glasses for battery applications." DOI: 10.9790/4861-1401014350
3. Ahmmad, S. K., **Nataraju, G.**, Siddiqui, N., Ahmed, M. M., Rizwan, M. H., Ahmed, M. R., & Prasad, A. S. (2023). Machine learning refractive index model and nitrogen implantation studies of zinc arsenic tellurite glasses. Journal of the Australian Ceramic Society, 59(5), 1443-1452. <https://doi.org/10.1007/s41779-023-00928-1>
4. Pallati Naresh, Boora Srinivas, D. Sreenivasu, D. Ravikumar, **Gandla Nataraju**, P. Sunitha Manjari, Gangadhar Talari, J. Laxman Naik, K. Siva Kumar, Preparation and Characterization of melt derived CaO-Sb₂O₃-Li₂O containing borate glass for multiple application, Journal of Non-Crystalline Solids, Volume 589, 2022, 121642, ISSN 0022-3093, <https://doi.org/10.1016/j.jnoncrysol.2022.121642>.

International /National Conferences

