

Name of Faculty Dr. LINGA REDDY BANDI  
 Designation Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 22-10-1996  
 E-mail blingareddy\_physics@cbit.ac.in



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

Work Experience

Teaching	26 Years (Includes Research Experience)
Research	25 years
Industry	-
Others	-

Area of Specialization Solid State Physics, Assessment of Environmental Radiation

Professional Memberships LM Indian Society for Radiation Physics (ISRP)  
 LM Alumni Association of Osmania University

Responsibilities held at Institution Level	<ol style="list-style-type: none"> <li>1. Head, Department of Physics from 2017 to till date</li> <li>2. In-charge, B.E./ B.Tech. 1<sup>st</sup> Year Students since 2017</li> <li>3. Member, Disciplinary Committee, since 2012</li> <li>4. Member, Anti-ragging Committee 2013-2018</li> <li>5. In-charge and Mentor, SIP for B.E/B. Tech 1<sup>st</sup> year Students since 2017</li> <li>6. Member, SC/ST Cell, since 2016-2020</li> <li>7. Member, CBCC during 2012 to 2014.</li> <li>8. Member, Academic Council 2014</li> </ol>
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Responsibilities held at Department Level	<ol style="list-style-type: none"> <li>1. Chairman, BoS from from 2017 to till date</li> <li>2. Member BoS, Department of Physics, CBIT since 2013 to 2017</li> <li>3. Course Coordinator-Engg Physics-2016-18</li> <li>4. Dept Coordinator, TEQUIP-II</li> </ol>
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Research Guidance Guided 01 Scholar who was awarded M. Phil

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Physics, Engineering. Physics, Applied Physics, IMET, OSP

No. of Papers Published National Journals – 01 International Journals – 13  
 National Conference – 02 International Conference – 02

Projects Carried out Principal Investigator, Studies on environmental radiation levels in the dwellings constructed under double bedroom scheme at Erravelli and Narsannapet model villages of Telangana State funded by Telangana State Council of Science & Technology, Hyderabad. Grant: 5.0 lakh

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops/ Other Trainings (Attended and/or Organized).	<ol style="list-style-type: none"> <li>1. Seven days refresher course on “ Bharatheeya Chaitanyam” organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 29<sup>th</sup> June to 05<sup>th</sup> July, 2020.</li> <li>2. Two days National level virtual workshop on “The role of Chemistry in Modern Healthcare” organized by Mahatma Gandhi Institute of Technology, Hyderabad during 3rd &amp; 4th July, 2020.</li> <li>3. International e-conference on Emerging Advances in Mathematical and Physical Sciences organized by Hindu College, Moradabad, UP during 28-30 June, 2020.</li> </ol>
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4. 1st International Conference on Advances in Science Hub (ICASH- 2020 online) organized by IRJASH during 27th and 28th June, 2020.
5. A Three Day Online National Level Faculty Development Programme on "Perovskite Solar Cells – An Emerging Photovoltaic Technology" organized by Department of Science and Humanities, Sreenivasa Institute of Technology and Management Studies, Chittoor, Andhra Pradesh during 26th to 28th June 2020.
6. A National level One Week online Faculty Development Programme on Advancements in Manufacturing and Optimization Techniques organized by Jayamukhi Institute of Technological Sciences, Warangal during 22nd to 26th June, 2020.
7. One Week online Faculty Development Programme on Design Thinking in Engineering Education organized by VNR VJIET, Hyderabad during 15th to 20th June, 2020.
8. The online course "Learning Physics Through Simple Experiments" organized by IIT, Kanpur during 02nd April to 10th June, 2020.
9. An online One Week Faculty Development Program on "Materials: Recent Trends & Engineering Applications" conducted by Gokaraju Rangaraju Institute of Engineering and Technology during 2nd to 7th June, 2020.
10. An online One Week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process-(UG)" conducted by Chaitanya Bharathi Institute of Technology, Hyderabad during 28th May to 01st June, 2020.
11. Participated in the IIC Online Sessions (17) conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020.
12. An online non-credit course "Quantum Mechanics" authorized by University of Colorado Boulder and offered through Coursera on 02nd May, 2020.
13. An online non-credit course "Quantum Mechanics" authorized by University of Colorado Boulder and offered through Coursera on 02nd May, 2020.
14. An online non-credit course "Academic Information Seeking" authorized by University of Copenhagen and Technical University of Denmark and offered through Coursera on 28th April, 2020.
15. Member, Organizing Committee, One Day Seminar on Role of Physics in Engineering Curriculum, organized by Department of Physics, Chaitanya Bharathi Institute of Technology, Hyderabad on 30th May, 2017.

#### **International/National Journals from the Year 2017**

1. Linga Reddy, B., Srinivas Reddy, G., Vinay Kumar Reddy, K., Sreenivasa Reddy, B (2020). Computational challenges in statistical outcome of teaching learning practice: A Scientific Review. J. Adv. Res. Dyn. Cont. Sys. (Accepted).
2. Linga Reddy, B. (2019). X-Ray powder diffraction and crystallographic data of Nebivolol Hydrochloride. International Journal of Materials Science, 31-35.
3. Vinay Kumar Reddy, K., Sreenivasa Reddy, B., Linga Reddy, B. (2019). Natural background gamma radiation levels in dwellings constructed under the Double Bedroom Housing Scheme at Erravalli and Narasannapet model villages of Telangana state, India. Indoor and Built Environ., (Available online/in press). 10.1177/1420326X19865998
4. Srinivas Reddy, G., Vinay Kumar Reddy, K., Linga Reddy, B., Sreenivasa Reddy, B. (2019). Natural Background Gamma Radiation Levels in the Environs of Proposed Petro-chemical Industry Near Jadcherla, Telangana State, India. Nature Environ. Poll. Tech. 18, 1333-1338

#### **International/National Conference Proceedings from the Year 2017**

1. Srinivas Reddy, G., Vinay Kumar Reddy, K., Sreenivasa Reddy, B., Linga Reddy, B. (2020). A comprehensive review on statistical evaluation of student performance in online teaching. Proc. First International Conference on Advances in Science Hub (online) during 27<sup>th</sup> & 28<sup>th</sup> June, 2020, pp. 1-3.
2. Linga Reddy, B., Vinay Kumar Reddy, K., Srinivas Reddy, G., Sreenivasa Reddy, B., (2020). Radon levels in different mining environs of Telangana state, India: A review. Proc. First International Conference on Advances in Science Hub (online) during 27<sup>th</sup> & 28<sup>th</sup> June, 2020, pp. 14-17.