

Name of Faculty Dr. B. SREENIVASA REDDY
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 17-6-1999
 E-mail bsreenivasareddy_physics@cbit.ac.in



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

Work Experience

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

Area of Specialization Theoretical Physics, Assessment of Environmental Radiation

Professional Memberships

- LM Indian Society for Radiation Physics (ISRP)
- LM Indian Association for Radiation Protection
- LM & Former National Executive Committee Member, Nuclear Track Society of India (NTSI)

Responsibilities held at Institution Level

- Member, Chaitanya Vaadha club since 2019
- Incharge, Student's Transport from August, 2003 to 16-10-2017.
- Member, R&D Committee, Chaitanya Bharathi Institute of Technology from 2007 to 2018

Responsibilities held at Department Level

- Member BoS, Department of Physics, CBIT since 2013
- Course Coordinator-Engg Physics-2016-18
- Faculty Incharge, Physics Laboratory from 2001-02 to 2006-2007
- Mentor/Resource person, SIP for B.E/B.Tech I years since 2017

Research Guidance --

Awards Received --

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

No. of Papers Published

National Journals –	04	International Journals –	16
National Conference –	09	International Conference –	05

Projects Carried out Co-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 Published a book entitled "NANOTECHNOLOGY Principles and Applications" by Paramount Publishing House, Hyderabad.

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

- International webinar on Emerging Trends in Materials Science-2020 (IWETMS) organized by Maharaja Bhoj Govt. P.G. College, Dhar during 5-7th July, 2020
- Seven days refresher course on "Bharatheeya Chaitanyam" organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 29th June to 05th July, 2020.
- Webinar on "Scope of virtual labs in UG Physics and Chemistry teaching" organized by Sarojini Naidu College for Women, Kolkata on 29th June, 2020.
- 1st International Conference on Advances in Science Hub (ICASH-2020 online) organized by IRJASH during 27th and 28th June, 2020.
- 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. The online course “Learning Physics Through Simple Experiments” organized by IIT, Kanpur during 02nd April to 10th June, 2020.
 7. 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.
 8. 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.
 9. The online training through IIT Bombay BodhiTree platform 'Effective and Efficient Online Teaching in the Age of Corona, A Hands on Workshop' organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt. of India on 17 May 2020.
 10. Webinar on “Digital Transformation” organized by Storm overseas on 12th May, 2020.
 11. An online non-credit course “Quantum Mechanics” authorized by University of Colorado Boulder and offered through Coursera on 01st May, 2020.
 12. Webinar on “Importance of communication skills in border-less economy” organized by Prometric Testing Pvt Limited on 28th April, 2020.
 13. 6th national conference on Applied Physics and Materials Science organized by Department of physics, Vasavi College of Engineering, Hyderabad on 28th December, 2019.
 14. The "Faculty Development Program for Student Induction (FDP-SI)" organized by All India Council for Technical Education (AICTE) at G Pulla Reddy Engineering College, Kurnool during 19 - 21 December, 2019.
 15. 5th national conference on Applied Physics and Materials Science organized by Department of physics, Vasavi College of Engineering, Hyderabad during 07-08th September, 2018.
 16. 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18) Organised by Vidya Vikas Institute of Engineering and Technology, Mysuru in collaboration with Nuclear Track Society of India during October 26th-28th, 2017.
 17. 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.
 18. 4th national conference on Applied Physics and Materials Science organized by Department of physics, Vasavi College of Engineering, Hyderabad during 10-11th March, 2017.
 19. International Conference on “Environmental Impact of Advanced Materials and Energy Technologies” held at A.V. College, Hyderabad during January 19-21, 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. 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
3. 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 27th & 28th 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 27th & 28th June, 2020, pp. 14-17.