

Name of Faculty SREENIVASA REDDY BEEMI REDDY
 Designation Professor & HoD
 Nature of Job/Appointment Regular
 Date of Joining 01-01-1998
 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	26 Years
Research	26 years
Industry	--
Others	-

Area of Specialization Theoretical Physics, Assessment of Environmental Radiation

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)
 LM Alumni Association of Osmania University

1. 1st year incharge since May, 2021
2. Faculty Incharge, Chaitanya Vaadya club since July, 2019
3. Member, Academic Planning and Evaluation Committee, Anti Ragging Committee, CBIT-NITTR Committee, Class monitoring Committee, College Admissions Committee, Exams & Results Committee, Grievance Redressal Committee for staff, Grievance Redressal Committee for students, Institutional Development Committee, Library Committee, Removal of Obsolescence Committee, Research Projects Monitoring Committee since July, 2021
4. Member, Disciplinary Committee, Transport Committee since April, 2021
5. Task force Member, COVID-19 since November, 2020
6. Member, Shruthi Celebrations since 1998
7. In-charge, Student's Transport from August, 2003 to 16-10-2017.
8. Member, R&D Committee, Chaitanya Bharathi Institute of Technology from 2007 to 2018
9. Member, Disciplinary Committee, 2015
10. Member, Anti-ragging squad 2013-2018
11. Mentor/Resource person, SIP for B.E/B.Tech I years since 2017

Responsibilities held at Institution Level

Responsibilities held at Department Level

1. Head, Department of Physics since May, 2021
2. Member BoS, Department of Physics, CBIT since 2013
3. Course Coordinator-Engg Physics-2016-18
4. Departmental Incharge, ISO work from 2006 to 2009
5. Faculty Incharge, Physics Laboratory from 2001-02 to 2006-2007

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 – 19

National Conference – 09 International Conference – 08

Projects Carried out
 1. 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

Patents --
Technology Transfer --
Invited Speaker --

No. of Books/Chapter Published with details

1. Published a book entitled "NANOTECHNOLOGY Principles and Applications" by Paramount Publishing House, Hyderabad.
1. Participated Online One Week Faculty Development Program on "Innovations in Applied Research for Science and Technology" organized by Department of Basic Science and Humanities, KDKCE Nagpur in association with Indian Association for Radiation Protection (IARP), Luminescence Society of India (LSI) & Society for Technologically Advanced Material of India (STAMI) during 11-18th October, 2021.
2. Participated in the National Conference on Recent Advances in Physics for Interdisciplinary Development (RAPID – 2K21) organized by Sri Saila Jagadguru Vageesha Panditharadya (S.J.V.P.) College and P.G.Centre Harihara in Collaboration with Public Awareness Institution (PAI), (R), Mysore during 29-30th September, 2021.
3. Participated in the Virtual International Conference on Multifunctional Advanced Materials (VICMAM-2021) organized by Department of Chemistry, JVM's Degree College, Navi Mumbai in collaboration with Association of Chemistry Teachers (ACT) during 9-10th August, 2021.
4. Participated in the International e-conference on Recent Advances in Chemical, Physical and Biological Sciences organized by the Department of Chemistry, Nabira Mahavidyalaya, Katol and Association of Chemistry Teachers, Mumbai during June 29-30th, 2021.
5. Participated Five-day National level webinar series on "New Education Policy 2020" organized by Davangere Univeristy, during June 14-18th, 2021.
6. Participated in the Three Days National online FDP on "ICT Tools for Effective Teaching Learning" organized by IQAC Kamla Nehru Mahavidyalaya, Nagpur during 8-10th June, 2021.
7. Participated in One Week National Level online FDP on "Research Methodology in Humanities & Social Sciences" organized by Lords Institute of Engineering and Technology, during 29th May, 2021 to 03rd June, 2021.
8. Participated in the First International e-Conference on Management, Science & Technology (ICMST-online) organized by the Department of Computer Science, RBVRR Women's College, Hyderabad, India in collaboration with Global Conference Hub, Coimbatore, India during May 29-30th, 2021.
9. Attended one week AICTE sponsored online STTP on "Emerging Trends in Nanomaterials for Electronic and Optoelectronic Devices (Series-II: Fabrication and Characterization of Nanoelectronic Devices)" organized by Swarnandhra College of Engineering & Technology, Narsapur-534-280, A.P. during May 17-22nd, 2021.
10. Participated in the National Level One-Week online FDP on "Research Methodology" organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur during 26th April, 2021 to 01st May, 2021
11. Participated in the One Week online FDP on "Recent Trends in Advanced Material Science and Engineering Technology" organized by the Department of Chemistry, Chaitanya Bharathi Institute of Technology during 8th to 12th March, 2021
12. Completed the Online Orientation Training Programme for Mentors organized by AICTE under National Initiative for Technical Teachers Training from 09-13th February, 2021.
13. Participated in the 21st National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-21) Jointly Organized by Department of Physics, Ramjas College and Department of Physics & Astrophysics, University of Delhi In Collaboration with

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

- Nuclear Track Society of India (NTSI) during 29-31st January, 2021
14. Participated in the National Conference on Biological, Biochemical, Biomedical, Bioenergy, and Environmental Biotechnology (NCB⁴EBT-2021) Organized by the Department of Biotechnology, National Institute of Technology Warangal, India held on 29–30th January, 2021
 15. Participated in the Online FDP on “Swachhata Action Plan (SAP) – The Role of Higher Educational Institutions” organized by NSS Unit – UBA-cell MGIT, Hyderabad in association with MGNCRE, Hyderabad during 8-10th October, 2020
 16. Joint Organizing Secretary, International e-Conference on Material Processing & Characterization-2020 (ICMP&C-2020) organized by the Department of Physics, Chaitanya Bharathi Institute of Technology, Hyderabad during 18-19th September, 2020.
 17. Convener, One Week online FDP on “Student Induction & Universal Human Values” organized by the Department of Physics, Chaitanya Bharathi Institute of Technology during 26-30th August, 2020
 18. One day national level webinar on “Innovative Practices of Teaching & Learning in Sciences” organized by the Department of Physics, Balaji Institute of Technology & Science, Warangal on 21st August, 2020.
 19. Participated in the One Week online FDP on “Modern Characterization Techniques for Scientific and Engineering Applications” organized by the Department of Physical Sciences, Kakatiya Institute of Technology and Science, Warangal during 4- 8th August, 2020
 20. Coordinator, One Week online FDP on “Engineering Physics and Material Science” organized by the Department of Physics, Chaitanya Bharathi Institute of Technology during 03-7th August, 2020
 21. International webinar on Emerging Trends in Materials Science-2020 (IWETMS) organized by Maharaja Bhoj Govt. P.G. College, Dhar during 5-7th July, 2020
 22. Seven days refresher course on “Bharatheeya Chaitanyam” organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 29th June to 05th July, 2020.
 23. Webinar on “Scope of virtual labs in UG Physics and Chemistry teaching” organized by Sarojini Naidu College for Women, Kolkata on 29th June, 2020.
 24. 1st International Conference on Advances in Science Hub (ICASH- 2020 online) organized by IRJASH during 27-28th June, 2020.
 25. 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 26-28th June 2020.
 26. The online course “Learning Physics Through Simple Experiments” organized by IIT, Kanpur during 02nd April to 10th June, 2020.
 27. 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.
 28. 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.
 29. The online training through IIT Bombay BodhiTree platform 'Effective and Efficient Online Teaching in the Age of Corona, A Hands on Workshop' organized 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 17th May 2020.
 30. Webinar on “Digital Transformation” organized by Storm overseas on 12th May, 2020.

31. An online non-credit course "Quantum Mechanics" authorized by University of Colorado Boulder and offered through Coursera on 01st May, 2020.
32. Webinar on "Importance of communication skills in border-less economy" organized by Prometric Testing Pvt Limited on 28th April, 2020.
33. 6th national conference on Applied Physics and Materials Science organized by Department of physics, Vasavi College of Engineering, Hyderabad on 28th December, 2019.
34. 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 – 21st December, 2019.
35. 5th national conference on Applied Physics and Materials Science organized by Department of physics, Vasavi College of Engineering, Hyderabad during 07-08th September, 2018.

Details of Journal Publications/
Conferences (National and
International)

International/National Journals since 2018

1. G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy, B. Linga Reddy, M. Sreenath Reddy, Ch. Gopal Reddy and P. Yadagiri Reddy (2021). Assessment of indoor radon activity concentration levels in four northern districts of Telangana state, India. *J Radioanal Nucl Chem* (2021). <https://doi.org/10.1007/s10967-021-07929-z>
2. G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy, B. Linga Reddy, M. Sreenath Reddy, Ch. Gopal Reddy and P. Yadagiri Reddy (2021). Mapping of Ambient Gamma Radiation Levels and Risk Assessment in Some Parts of Eastern Deccan Plateau, India. *International Journal of Environmental Analytical Chemistry* (Available online / in press). <https://doi.org/10.1080/03067319.2021.1938020>
3. B. Linga Reddy, G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy (2021). Inhalation dose due to residential radon and thoron exposure in rural areas: a case study at Erravalli and Narasannapet model villages of Telangana state, India. *Radiation and Environ Biophys.*, 60, 437-445. Doi: 10.1007/s00411-021-00912-y
4. 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.* 12, 2603-2606.
5. Vinay Kumar Reddy, K., Sreenivasa Reddy, B., Linga Reddy, B. (2020). 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.*, 29, 1038-1044. Doi: 10.1177/1420326X19865998
6. 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 since 2018

1. G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy, B. Linga Reddy, M. Sreenath Reddy, Ch. Gopal Reddy and P. Yadagiri Reddy (2021). Thoron studies in dwellings of certain Northern districts of Telangana State, India. *AIP Conference Proceedings* **2352**, 050008 (2021); <https://doi.org/10.1063/5.0052399>
2. B. Sreenivasa Reddy and B. Linga Reddy (2020). Indoor radon concentrations in dwellings of Bhadrachalam town and its surroundings, Telangana State, India. *Proc. International e-Conference on Materials processing & characterization during 18th & 19th September, 2020*, pp. 328-331
3. G. Srinivas Reddy, K. Vinay Kumar Reddy, M. Sreenath Reddy, B. Linga Reddy, B. Sreenivasa Reddy (2020). Natural Background Gamma Radiation Levels in few dwellings of Rajanna Sircilla district, Telangana State, India. *Proc. International e-Conference on Materials processing & characterization during 18th & 19th September, 2020*, pp. 173-176
4. 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.
5. 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.