

Name of Faculty	SREENIVASA REDDY BEEMI REDDY
Designation	Professor & Head
Nature of Job/Appointment	Regular
Date of Joining	17-6-1999 (Regular) 01-01-1998 (Adhoc)
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 Class
UG	B. Sc.	First Class

Work Experience

Teaching	26 Years
Research	26 Years
Industry	--
Others	--

Area of Specialization Theoretical Physics, Assessment of Environmental Radiation

Professional Memberships	<p>LM Indian Society for Radiation Physics (ISRP) LM Indian Association for Radiation Protection (IARP) LM & Former National Executive Committee Member, Nuclear Track Society of India (NTSI) LM Alumni Association of Osmania University</p>
Responsibilities held at Institution Level	<ol style="list-style-type: none"> 1st year incharge since May, 2021 Faculty Incharge, Chaitanya Vaadya club since July, 2019 Member, Academic Planning and Evaluation Committee, Anti Ragging Committee, CBIT-NITTTR 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 Member, Disciplinary Committee, Transport Committee since April, 2021 Task force Member, COVID-19 since November, 2020 Member, Shruthi Celebrations since 1998 Incharge, Student's Transport from August, 2003 to 16-10-2017. Member, R&D Committee, Chaitanya Bharathi Institute of Technology from 2007 to 2018 Member, Disciplinary Committee, 2015 Member, Anti-ragging squad 2013-2018 Mentor/Resource person, SIP for B.E/B.Tech I years since 2017.
Responsibilities held at Department Level	<ol style="list-style-type: none"> Head, Department of Physics since May, 2021 Member BoS, Department of Physics, CBIT since 2013 Course Coordinator-Engg Physics-2016-18 Departmental Incharge, ISO work from 2006 to 2009 Faculty Incharge, Physics Laboratory from 2001-02 to 2006-2007

Research Guidance

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Awards Received

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Courses Handled at Under Graduate / Post Graduate Level.

Physics, Engg. Physics, Applied Physics, IMET, OSP

National Journals – 04

International Journals – 20

No. of Papers Published

National Conference – 09

International Conference – 07

Projects Carried out

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Patents

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Technology Transfer

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Invited Speaker

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No. of Books/Chapter Published with details

1. Published a book entitled "NANOTECHNOLOGY Principles and Applications" by Paramount Publishing House, Hyderabad.

Details of Short-Term Training Programs / Faculty Development

1. Participated in the National Conference on Recent Advances in Physics for Interdisciplinary Development (RAPID – 2K21) organized by Sri Saila Jagadguru Vagesha 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.
2. Participated in the Virtual International Conference on Multifunctional Advanced Materials (VICMAM-2021) organized by Department of Chemistry, JVM's Degree College in collaboration with Association of Chemistry Teachers (ACT) during 9th-10th August, 2021.
3. 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 29th-30th, 2021.
4. Participated Five-day National level webinar series on "New Education Policy 2020" organized by Davangere University, during June 14-18th, 2021.
5. Participated in the Three Days National online FDP on "ICT Tools for Effective Teaching Learning" organized by IQAC Kamla Nehru Mahavidyalaya, Nagpur during 8th to 10th June, 2021.
6. 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 29th and 30th, 2021.
7. 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 17-22, 2021.
8. Completed the Online Orientation Training Programme for Mentors organized by AICTE under National Initiative for Technical Teachers Training from 09th to 13th February, 2021.
9. 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 Nuclear Track Society of India (NTSI) during 29-31 January, 2021
10. 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 29–30 January, 2021

11. 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
12. 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 18th and 19th September, 2020.
13. Convener, One Week online FDP on “Student Induction & Universal Human Values” organized by the Department of Physics, Chaitanya Bharathi Institute of Technology during 26th to 30th August, 2020
14. Seven days refresher course on “BharatheeyaChaitanyam” organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 29th June to 05th July, 2020.
15. 1st International Conference on Advances in Science Hub (ICASH- 2020 online) organized by IRJASH during 27th and 28th June, 2020.
16. 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 17 May 2020.

Details of Conferences
(National and International)

International Journal from the year 2017

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. 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 330, pages1417–1423 (2021). <https://doi.org/10.1007/s10967-021-07929-z>
3. 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) (2021). <https://doi.org/10.1080/03067319.2021.1938020>
4. 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 (2021). DoI: 10.1007/s00411-021-00912-y
5. 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 (2020).
6. 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 (2020). DoI: 10.1177/1420326X19865998
7. 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 (2019)..

International /National Conferences from the year 2017

1. 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
2. G. Srinivas Reddy, K. Vinay Kumar Reddy, M. Sreenath Reddy, B. Linga Reddy,
3. B. Sreenivasa Reddy(2020). Natural Background Gamma Radiation Levels in few dwellings of RajannaSircilla 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.

