

Name of Faculty Dr. S. SHRAVAN KUMAR REDDY
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 24- 07 -2017
 E-mail shravankumar_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 (M P CS)	FIRST with Distinction

Work Experience

Teaching	03 Years
Research	09 years
Industry	--
Others	--

Area of Specialization Materials Physics, Condensed Matter Physics

Professional Memberships --

Responsibilities held at Institution Level --

Responsibilities held at Department Level Working as In-Charge, Department Library

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Engineering Physics, Applied Physics, Waves, Optics, Introduction to Quantum Mechanics (WOIQM)

No. of Papers Published National Journals – 00 International Journals – 13
 National Conference – 15 International Conference – 05

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details Structural, Electrical, Magnetic and ⁵⁷Fe Mossbauer Study of DyFeO₃ based Magneto-Electric Materials" LAMBERT Academic Publishing (978-613-9-95070-6)(2019)

- Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).
1. Participated in e-workshop on MÖSSBAUER SPECTROSCOPY AND X-RAY DIFFRACTION TECHNIQUES - 2020 organised by Department of Physics, University P.G. College, Palamuru University, Mahabubnagar, Telangana State on 23rd July, 2020.
 2. Participated in webinar on " STATISTICAL ANALYSIS AS AN INTERFACE IN ENGINEERING PROBLEMS " Organised By Chaitanya Bharathi Institute of Engineering and Technology, Hyderabad on 13th July, 2020.
 3. Participated the Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on 27th June, 2020 conducted by MHRD's Innovation Cell.
 4. Participated in e-workshop on "Materials processing and Technology" during 27th June, 2020, Department of Physics and Chemistry, MGIT, Hyderabad.
 5. Participated the Leadership Talk with Mr. Mahesh Babu, CEO, Mahindra Electric Mobility Ltd held on 23rd June, 2020 conducted by MHRD's Innovation Cell.
 6. Participated in Online Faculty Development Program on "Advanced Materials for Energy Harvesting, Conversion and Storage" organized by Department of Science and Humanities, MLR Institute of Technology, Hyderabad during 19-23rd June, 2020.

7. Successfully completed Online Quiz Competition on 'Science and Nature Quest' organized by the Department of Basic Sciences, G. Narayanamma Institute of Technology and Science during 22-27th June, 2020 with a score of 95%.
8. Participated in India Webinar on "Industry 4.0: Issues and Challenges" Organised By Budha Institute of Technology, Gorakpur, U.P during 20th June,2020.
9. Participated the Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) held on 20th June,2020 conducted by MHRD's Innovation Cell.
10. Participated in One week FDP on "Advanced Materials Research" Organised By Bharath Institute of Engineering and Technology, Hyderabad and Indian Ceramic Society during 15-19th June,2020.
11. Participated in online workshop on "Social Responsibility and Community Engagement" Organised By Chaitanya Bharathi Institute of Engineering and Technology (CBIT), Hyderabad during 17th June,2020.
12. Participated the Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) held on 13th June,2020 conducted by MHRD's Innovation Cell. Participated in Two-day International Virtual FDP on "Innovative Techniques for Effective Teaching Online and Offline" during 12-13th June, 2020, Faculty of English (Department of M&H), MGIT, Hyderabad.
13. Participated in "e-Quiz: General Science" on 11th June,2020 with a score of 84%, Department of Physics and Chemistry, MGIT, Hyderabad.
14. Successfully completed the course Learning Physics Through Simple Experiments (2nd April to 10th June, 2020)organized by Prof. H. C. Verma (Retd.) Department of Physics, IIT Kanpur, Centre for Continuing Education.
15. Participated the Leadership Talk with Dr. Nilesh N Oak, Expert (Indian Civilization & History) held on 30th May,2020 conducted by MHRD's Innovation Cell.
16. Participated in One week FDP on "Outcome Based Education and NAAC Accreditation process" Organised By Chaitanya Bharathi Institute of Engineering and Technology, Hyderabad (CBIT), Hyderabad during 28th May-1st June,2020.
17. Participated in "Awareness Program on Outcome Based Education (OBE)"organized by MLR Institute of Technology, Hyderabad during 22nd May,2020.
18. Participated the India First Leadership Talk Webinar with Prof D. P. Singh, Chairman UGC, 9th May, 2020 conducted by MHRD's Innovation Cell.
19. Successfully completed course on Quantum Mechanics (an online non-credit course) authorized by University of Colorado Boulder and offered through Coursera during 2nd May, 2020.

International/National Journals from the Year 2017

1. S. Shravan kumar Reddy, J.Ramesh, M. Sreenath Reddy, , Ch. Gopal Reddy, P. Yadagiri Reddy, P.D.Babu, V.Siruguri, V. Raghavendra Reddy, "Structural, Magnetic, electrical and 57Fe Mossbauer study of La doped polycrystalline magneto-electric DyFeO₃ " (communicated to Journal of Materials Science, Springer) (2020).
2. M. Sumalatha, S. Shravan kumar Reddy, M. Sreenath Reddy, Suresh Sripada M. Manivel Raja, Ch Gopal Reddy, P. Yadagiri Reddy, V. Raghavendra Reddy, "Raman and in-field 57Fe Mossbauer study of cation distribution in Ga substituted cobalt ferrite (CoFe₂-xGa_xO₄)" Journal of Alloys and Compounds 837 (2020) 155478.
3. M. Sumalatha, S. Shravan Kumar Reddy, M. Sreenath Reddy, Suresh Sripada, P. Venkat Reddy, Gopal Reddy Ch, P. Yadagiri Reddy, and V. Raghavendra Reddy "Effect of indium substitution on structural and hyperfine parameters of CoFe₂O₄, AIP Conference Proceedings 2220, 110038 (2020).
4. Anjali Panchwane, Irene Schiesaro, Settimio Mobilio, S. Shravan Kumar Reddy, Carlo Meneghini, Edmund Welter and V.Raghavendra Reddy, "An evidence of local structural disorder across spin-reorientation transition in DyFeO₃ : An Extended X-ray Absorption Fine structure (EXAFS) study", J. Phys.: Condens. Matter 31 (2019) 345403
5. S. Charvani, S. Shravan Kumar Reddy, G. Narendar, Ch. Gopal Reddy, "Preparation characterisation of alumina nanocomposites", Materials today: proceedings 5(13):26817-26822 (2018).
6. J. Ramesh, S. Shravan Kumar Reddy, N. Raju, M. Sreenath Reddy, Ch. Gopal Reddy, P. Yadagiri Reddy, K. Rama Reddy, V. Raghavendra Reddy "The Electrical, Magnetic and 57Fe Mössbauer studies of Al doped PrFeO₃ polycrystalline materials" Ceramics International (2018) 19314-19318.
7. S. Shravan Kumar Reddy, N. Raju, J. Ramesh, Ch. Gopal Reddy, P. Yadagiri Reddy, K. Rama Reddy and V. Raghavendra Reddy "Effect of sintering temperature on leakage current study of polycrystalline multiferroic DyFeO₃ system", Ferroelectrics (Taylor & Francis) 516 (2017) 1-7 .
8. S. Shravan Kumar Reddy, N. Raju, Ch. Gopal Reddy, P. Yadagiri Reddy, K. Rama Reddy, V. Raghavendra Reddy, Surya Mohan Gupta, "Study of Mn doped multiferroic DyFeO₃ ceramics", Ceramics International 43 (2017), 6148-6155.

9. J. Ramesh, N. Raju, S. Shravan Kumar Reddy, M. Sreenath Reddy, Ch. Gopal Reddy, P. Yadagiri Reddy, K.Rama Reddy, V. Raghavendra Reddy, "57Fe Mossbauer study of spin reorientation transition in polycrystalline NdFeO₃", Journal of Alloys and Compounds 711 (2017) 300-304.

international/National Conference Proceedings from the Year 2017

1. International Conference on Advanced Materials Behavior and Charecterization (ICAMBC-2020) organized by Mattest Research Academy, Chennai during 18 - 23 July, 2020.
2. International Conference on Environmental Impact of Advanced Materials and Energy Technologies (EIAMET-2017), held at Department of Physics, A.V. College of Science, Arts and Commerce, Hyderabad during January (19-21) 2017.
3. Participated in "Mini Lecture series on Magnetism" organized by UGC DAE Consortium for Scientific Research, Indore, Madhya Pradesh during 27-31st August, 2018.
4. National seminar on Environmental Impact of Advanced Materials and Energy Technologies (EIAMET-2017), held at Department of Physics, A.V. College of Science, Arts and Commerce, Hyderabad during January (19-21) 2017.