

Dr. Santhosh Kumar R,
Assistant Professor (Physics),
Department of Freshman Engineering,
Aditya University, Surampalem-533437,
Andhra Pradesh, India.
Mobile: +91-9092551311
Email: santhoshkumarr@adityauniversity.in



BIO-DATA

Dr. Santhosh Kumar R is currently working as an Assistant Professor (Physics) in Freshman Engineering Department at Aditya University, Surampalem, Andhra Pradesh, India. He holds a Ph.D. from VIT University, Vellore, India, where he specialized in Physics. With a solid academic background, including an M.Sc. in Physics from VIT University and a B.Sc. from Madras Christian College (MCC), Tambaram, Chennai, he has built a strong foundation in the physical sciences. His research interests are primarily focused on the magnetic and mechanical properties of amorphous solids, surface modification of metals using lasers, Thin films, and the plasticity of metallic glasses.

He has contributed to the field of materials science through his publications in international peer reviewed journals, indexed in SCI and Scopus. In addition to his research, he has actively participated in various conferences and workshops in india. His commitment to research has been recognized through several awards, including the VIT Research Fellowship and the Raman Research Award.

He has also gained valuable teaching experience as a Teaching cum Research Assistant (TRA) at VIT University for 3 years, where he assisted in laboratory courses related to Engineering Physics, Modern Physics, and Materials Science. He has guided both undergraduate and postgraduate students in their research projects, particularly in the field of metallic glass plasticity.

Proficient in molecular dynamics simulations and programming languages such as C and C++, he is also skilled in using scientific software like LAMMPS and LaTeX.