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Bio:

Dr. D. Chandra Sekhar is an Associate Professor in the Department of Electrical and Electronics Engineering at Vidya Jyothi Institute of Technology (VJIT), affiliated with Jawaharlal Nehru Technological University, Hyderabad, Telangana, and approved by the All-India Council for Technical Education (AICTE), India. He also serves as the Department Coordinator for Research and Development in the Department of Electrical and Electronics Engineering, where he actively promotes faculty and student research initiatives, publication activities, and collaborations with industry and academia.

He earned his Doctor of Philosophy (Ph.D.) in Electrical and Electronics Engineering from JNTU Anantapur, focusing on the development of Artificial Intelligence Controllers for Integrated Solar–Wind Energy Conversion Systems. He obtained his Master of Technology (M.Tech) and Bachelor of Technology (B.Tech) degrees in Electrical and Electronics Engineering from JNTU Hyderabad.

His primary research interests encompass Electric Vehicles, Battery Energy Management Systems, Smart Grids, Power Electronic Converters, and the application of Artificial Intelligence techniques in Electrical Engineering. Dr. D. Chandra Sekhar has successfully supervised numerous undergraduate and postgraduate projects, demonstrating his commitment to advancing practical and research-oriented education. With over 20 years of teaching experience and a decade of active research, he has made significant contributions to the field through more than 20 publications in reputed international journals and conferences. His research work reflects a strong emphasis on innovation and sustainable technological development, aligning with global advancements in electrical engineering.