

Paper ID: 26 Design and Implementation of A Hybrid Ac-dc Micro Grid for Voltage and Frequency Stabilization by Using Advanced Control techniques

Presenter: Hemakesavulu Oruganti (Annamacharya Institute of Technology And Sciences Rajampet) Mobile No:+91-9652023906

Brief Profile



Dr.O.Hemakesavulu is working as **Professor** in Electrical & Electronics Engineering Department at Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet, Andhra Pradesh. He received **Ph.D degree** from SRM Institute of Science & Technology, Chennai, **M.Tech degree & B.Tech degree** from JNTU College of Engineering Hyderabad. He started his teaching carrier as Assistant professor in the year 2005. Presently working as Professor in Electrical & Electronics Engineering Department at AITS, Rajampet. He is having 19 years of teaching experience. During this period he led the department for NBA, NAAC Accreditations & Autonomous status.

He has guided successfully 47 B.Tech, 12 M.Tech scholars. He is having professional membership in **IEI, ISTE & IAENG**. He has published more than **51** research papers in various reputed **SCI, Scopus, UGC** approved International journals and conferences. He organized nearly **09 workshops, 06 National conferences** along with **IEEE & Springer** International conferences as Coordinator. During pandemic situation of corona he successfully organized AICTE sponsored Short Term Training Programme (STTP) **“Energy Management and Control System for Smart Renewable Energy Remote Power Generation”** in four phases. His current research interests include Grid integration of renewable energy sources, Artificial Intelligence and Soft computing Techniques in power systems.