

Brief Bio-data



Dr. Rajashekar P. Mandi, Director, School of Electrical and Electronics Engineering, REVA University, holds Doctorate from NITK, Surathkal in the area of "Power and Energy" and holds M. Tech. degree with 3rd Rank in "Energy Systems Engineering" from BV Bhoomaraddi College of Engineering & Technology, Hubli of Visveswaraiah Technology University (VTU), Belgaum. He also obtained Master of Computer Application (MCA) degree from IGNOU, New Delhi. He is a certified energy auditor from Bureau of Energy Efficiency (BEE), Govt. of India.

He has three years of teaching experience. Prior to venturing into the field of academia, he had worked in Central Power Research Institute (CPRI), a premier research institute under the Ministry of Power (MoP), Govt. of India, for more than 26 years in the area of Power system simulation, Power distribution system strengthening, Power quality audit in process industries & electrical distribution system, Electrical Safety audit in process industries, Energy conservation, Energy audit in thermal & hydro power plants (more than 120 power plants), process industries, institutions & buildings, Power system, Renewable energy systems, testing of Lighting equipments and solar PV systems.

He had undergone the training on testing of LED lighting systems as per LM, IEC & BIS standards using highly sophisticated integrating sphere at M/s. Labsphere Inc. North Sutton, Boston, USA during Jan. 2012. He had got training in upgrading the technical ability for photometry testing institution for India during 3-7th Feb. 2014 at Osaka, Japan organized by Overseas Human Resources & Industry Development Association (HIDA), Japan Govt. and also visited all the photometry testing laboratories during that visit. Again he had got training in testing of lighting systems using fully automated Goniophotometer for the lamp size of upto 4 ft. length at M/s. UL Verification Services Inc. Newton, Iowa, USA during Nov. 2014.

He is a member of Confederation of Indian Industry (CII) task force committee for Power and Infrastructure in Karnataka. He is a professional member of IEEE. He is presently chairman of Society for Energy Efficiency & Manager (SEEM) Karnataka Chapter. He was member of several BIS committees for making the BIS standards in the area of electric lamps, electrical fans, solar PV, Batteries, electrical appliances, etc. He was also a member of fixing of star label

for LED lamps and electrical appliances for Bureau of Energy Efficiency (BEE), Govt. of India. He worked as nodal officer in Accelerated Power Development & Reforms Programme (APDRP).

He had delivered more than 150 specialized expert lectures at various organizations like CPRI, Bangalore, PMC, NTPC, Noida, NPTI, Faridabad, NTPC, Unchahar, NTPC, Rihand, Reliance Power, Dahanu, NHDC, Omkareswar, PSTI, Bangalore, NPC, Bangalore, Reliance Power, Mumbai, PGCIL, Bangalore, PGCIL, Nagpur, NITK, Surathkal, NIT, Trichy, IIT, Powai, Institution of Engineers (I), Mysore, BESCOM, KPTCL, BEE sponsored 3L programmes, DRUM programmes conducted at CPRI and other Engineering colleges.

His research interests include smart grid, microgrid, LVDC, hybrid power system, renewable energy systems, energy conservation, strengthening of electrical distribution systems, electrical safety, power quality, LED lighting systems, etc. Presently he is guiding 8 PhD research scholars, guided 15 MTech. Projects and 15 BTech. Projects. He had written 3 book chapters on energy conservation in Thermal Power plants and 2 book chapters in distributed power generation. He had published more than 145 technical papers in International & Indian Journals, Conferences & Seminars in the field of energy conservation, power quality, LED lighting system and renewable energy systems