



Dr. K. Balaraman received his B.E degree from Bangalore university in 1989, M.Tech from Vivesvariah Technological University in 2000 and Ph.D from Vivesvariah Technological University in 2007.

He has experience in the power sector for over 24 years and has worked in the Electricity utility in India for 14 years. He is currently with Power Research Development Consultants (Pvt.) Ltd. as Chief General Manager for the last 8 years. His area of interest is Smart Grid, Micro-Grid, Renewable energy integration Power system operation and control, Power system simulation, Power System Planning, Power system economics, Power sector restructuring, Power Trading and Power Exchange, Transmission pricing, Forecasting. He is a member of many task force constituted by Utilities and MNRE for renewable integration.

He was awarded BRITISH OVERSEAS SCHOLARSHIP by CONFEDERATION OF BRITISH INDUSTRY to undergo practical training in NATIONAL GRID COMPANY PLC. England. He has got the distinction of being the only candidate to be selected from India for this scholarship in 1997

In PRDC, he has handled assignments of most of the Indian Utilities, and abroad. He was involved in consultancy assignment from ADB and World Bank which includes public private partnership assignment for an Indian State. He has worked in England, Sri Lanka, Nigeria, Saudi Arabia, Qatar, Fiji, Kuwait Indonesia, Denmark and Spain as part of his assignments.

The assignments handled includes preparation of wind grid code for India, Grid code of Fiji, power system master plan for utilities in India and Saudi Arabia, Renewable energy Integration to name a few.

He has published over 40 research papers in National and international conferences & journals. He has guided over 250 projects of Master degree and Bachelor degree students and at present 3 students are working under him for their Ph.D and 2 students are working on M.Sc by research. He has delivered over 2000 lectures across the Country in the areas of Renewable energy integration, Intelligent Grid, Smart grid techniques, Forecasting, Power system simulation and studies, Power Trading, Power Exchange, Transmission pricing, Power System Planning, Energy Management System, Power system operation, ABT, FGMO in system operation, Reactive power Management, Electricity Supply Industry -Deregulation & Restructuring, Power System Quality, Issues in open access, Regulatory issues concerning power sector, Integrating wind energy into the grid, Power supply to irrigation pump set- Solar option, Issues in Hydro pricing and Financial Tools in Power trading.