

OCT
8

4th National Conference on Multidisciplinary Design, Analysis and Optimization



DECENTRALISING & DEMYSTIFYING RENEWABLE ENERGY TECHNOLOGIES FOR THE REMOTE RURAL POPULATION

Mr. V. Ramasubramanian
Village Renewable Energy Systems (VillageRES)

6.00PM

Ramasubramanian has over 20 years of experience on site assessment, design development, fabrication, installation, and trouble shooting of micro hydro projects in Asian and African countries. In India, he has been involved in the micro hydro projects in the states of Orissa, Andhra, Sikkim, West Bengal, Meghalaya, Uttaranchal and Jammu & Kashmir. He has been a consultant for UNIDO for East and West African country programs on micro hydro. He has worked in Kenya, Madagascar, Tanzania, Uganda, Burundi, Nigeria, and Ghana. He has prepared over eighty prefeasibility / feasibility reports ranging from 5 kW to 5 MW, fabricated and installed in over 20 projects sizes ranging from 1 kW to 400 kW. He had also developed training materials on micro hydro power generation for engineers and have conducted training programs in Nigeria under the GIZ supported NESP project. In addition to micro hydro, he has helped in design and installation of a number of small PV power plants and solar water heaters for various NGOs and individuals in India. He has been actively involved with NGOs in training school drop-outs as plumbers, electricians, solar engineers and steel-work fabricators. He lives in a remote village in Tamilnadu practising organic farming. He has built his house using locally made stabilised mud blocks, house is off-grid - all the energy needs are met from a small solar pv power plant.