WORKSHOP SUMMARY REPORT

One day Workshop on Challenges and Operation of Microgrid Systems in Indian Power Scenario

On February 4\textsuperscript{th} March, 2017, School of EEE, REVA University hosted a one day workshop on Challenges and Operation of Microgrid Systems in Indian Power Scenario is conducted.

About 38 external delegates, students and faculties have participated in the workshop and made use of the opportunity.

The workshop was inaugurated by Chancellor Sir. During his inaugural address he had stressed upon the need of use of renewable energy resources must be increased to reduce the environmental pollution. Dr. S.Y. Kulakarni, Pro-Vice Chancellor addressed the gathering. Dr. Rajesh Siddavatam, Pro Vice Chancellor also addressed the gathering. Dr. B.P. Divakar, Dean Research & Innovation, had addressed the students and stressed upon the use of renewable energy systems and their necessity in the life. Dr. Rajashekar P. Mandi, Director School of EEE welcomed the gathering. While delivering welcome address he had highlighted the necessity of renewable energy systems and the application of microgrid system to reduce the T&D loss. The chief Guest Shri. G.L.Gangaprasad, Senior Director, CDAC, Bangalore had explained about the role of computers and IT in operating of Microgrid. And also he stressed upon the necessity of microgrids in electrical power distribution system.
During the first technical session by Shri. G.L. Gangaprasad, Senior Director, CDAC, Bangalore had delivered expert lecture on Isolation of Grids, Control Strategies and application of Microgrids. He explained about the importance of IT in operation of microgrids.
During the second technical session by Shri. B.S. Bindhumadhava, Associate Director, CDAC, Bangalore delivered the special talk on Advanced microgrids for reliable and secured microgrids for present power requirements.

During afternoon technical session by Dr. Rajashekar P. Mandi delivered lecture on Smart grid and LVDC Microgrid. He discussed on the use of LVDC microgrids for appliances and also talked on developing the standards for LVDC systems. He also explained about the work taken up at REVA University in implementing the smart grid and implementation of solar PV power plants.