

# Smart Micro-Grids for Autonomous Zero-Net Energy Buildings

*(Room No. 207, Academic Building, IIT Mandi, Mandi Campus, December 14-15, 2014)*

## Workshop Program

### 14/12/2014, Sunday

9:00-9:30 Hrs	Registration	
9:30- 10:30 Hrs	Inauguration and Key Note Address	Prof. Ramesh Oruganti IIT Mandi
10:30-11:00 Hrs	Inaugural Tea	
11:00-12:30 Hrs	Smart Micro-Grids for Autonomous Zero-Net Energy Buildings-1	Dr. Francisco G. Longatt, Loughborough University, UK
12:30-13:30 Hrs	Emerging Trends in Electric Power Systems and Performance Analysis of Smart Micro-Grids	Dr. Bharat S. Rajpurohit, IIT Mandi
13:30-14:30 Hrs	Lunch	
14:30-15:30 Hrs	Smart Micro-Grids for Autonomous Zero-Net Energy Buildings-2	Dr. Francisco G. Longatt, Loughborough University, UK
15:30-16:00 Hrs	Tea	
16:00-17:30 Hrs	Integration of Rooftop SPV in Power Distribution Network	Dr. Naran M. Pindoriya, IIT Gandhinagar
18:00- 21:30Hrs	Cultural Program & Workshop Dinner	Multipurpose Hall, Academic Building, IIT Mandi

### 15/12/2014, Monday

09:30-11:00 Hrs	Challenges in Smart Grid Implementation	Prof. S. N. Singh, IIT Kanpur
11:00-11:15 Hrs	Tea	
11.15-12.45 Hrs	Innovations in DC Grid Technologies & Research Challenges in Energy Systems	Dr. Rohit Bhakar, University of Bath, UK
12:45-13:15 Hrs	Concluding Session & Certificate Distribution	
13:15-14:15 Hrs	Lunch	
14:15-20:30	Visit to Parashar/Rewalsar Lake	