

A  
National Workshop  
On  
**Computational Intelligence Techniques for Smart Grid  
Applications**

(Room No. 214, Academic Building, IIT Mandi, Mandi Campus, May 28-30, 2015)

**Workshop Program**

**28/05/2015, Thursday**

09:00-10:00 Hrs	Registration	
10:00- 10:30Hrs	Inaugural Address	Prof. Timothy Gonsalves, Director, IIT Mandi
10:30-11:00 Hrs	Inaugural Tea & Group Photo	
11:00-12:30 Hrs	Intelligent System Applications in Solving Engineering Problems	Prof. S. N. Singh, IIT Kanpur
12:30-13:30 Hrs	Lunch	
13:30-14:30 Hrs	Applications of Optimization Techniques in Power Systems	Prof. S. N. Singh, IIT Kanpur
14:30-15:30 Hrs	Intelligent Control of Power Electronics System for Renewable Energy Grid Integration	Dr. Bharat S. Rajpurohit, IIT Mandi
15:30-15:45 Hrs	Tea	
15:45-17:00 Hrs	Global Optimization in Electrical Engineering	Dr. Manoj Thakur, IIT Mandi

**29/05/2015, Friday**

09:00- 10:30Hrs	Introduction to Statistical Pattern Recognition	Dr. Anil Kr. Sao, IIT Mandi
10:30-11:00 Hrs	Tea	
11:00-12:30 Hrs	Soft Computing Lab. Session	Research Scholars
12:30-13:30 Hrs	Lunch	
13:30-15:00 Hrs	New Communication Architectures for Smart Grid	Dr. Samar Agnihotri, IIT Mandi
15:00-15:15 Hrs	Tea	
15:15-16:45 Hrs	Data Gathering Sensor Networks for Smart Grid Applications	Dr. Samar Agnihotri, IIT Mandi

**30/05/2015, Saturday**

09:00-10:30 Hrs	Short-term Load Forecasting	Dr. Naran M. Pindoriya, IIT Gandhinagar
10:30-11:00 Hrs	Tea	
11.30-12.30 Hrs	Experiences with Grid Integration of SPV	Prof. Ramesh Oruganti, IIT Mandi
12:30-13:00 Hrs	Concluding Session & Certificate Distribution	
13:00-14:00 Hrs	Lunch	
14:15-19:00 Hrs	Visit to Rewalsar Lake	