

Gujarat Power Engineering and Research Institute
Department of Civil Engineering
POWERFEST 2017

Venue: Seminar Hall-1

Date	Time	Event	Name of Expert
07/03/2017	9:00 am to 9:45 am	Registration and Tea	Mr. V.K Pandya -Zonal Head (Technical Services - UltraTech) & Mr. Ajit Radhakrishnan -Regional Head (Technical Services - UltraTech)
	9:45 am to 10:15 am	Inauguration	
	10:15 am to 11:15 am	Key Note Address	
	11:15 am to 12:30pm	Lecture - 1	
	12:30 pm to 1:30 pm	Lunch break	
	1:30 pm to 2:30 pm	Lecture - 2	
	3:30 pm to 4:00 pm	Tea Break(Nr. Concrete Lab)	
	4:00 pm to 5:30 pm	Lab Session	
	2:45 pm to 4:00 pm	Query and discussion	

Gujarat Power Engineering and Research Institute
 Department of Computer Engineering
POWERFEST 2017

Schedule for "IoT-Pi" Workshop

Venue: Computer Center (013)

Date	Time	Event	Name of Expert
07/03/2017	10:00 am to 10:15 am	Inauguration Function& Prayer	Mr. Aadarsh Parikh (COO, Teksun) & Nipam Bhavsar (Tech Lead, Embedded Teksun)
	10:15 am to 11:00 am	IoT overview	
	11:00 am to 11:30 am	IoT communication models	
	11:30 am to 12:30pm	Lunch break	
	12:30 pm to 1:00 pm	Raspberry pi, hardware setup, components, Remote session, introduction	
	1:00 pm to 2:00 pm	Accessing GPIO using Python Library	
	2:00 pm to 3:00 pm	Cloud overview	
	3:00 pm to 4:00 pm	IoT project demo	

Gujarat Power Engineering and Research Institute
 Department of Electrical Engineering
POWERFEST 2017

Workshop on “Design and Implementation of Roof top Solar Power Plant”

Schedule

Date	Time	Topic	Name of Expert
07/03/2016	9:00 am to 9:15 am	Inaugural	ALPESH DESAI DGM – Technical & commercial UR-ENERGY
	9:15 am to 9:30 am	Tea Break	
	9:30 am to 10:00 am	Introduction of Solar PV system	
	10:00 am to 11:00 am	Standalone & grid tied SPV systems and its concept	
	11:00 am to 12:30 pm	Solar panel details, standards and selection of solar panels for SPV power system	
	12:30 pm to 1:30 pm	Lunch Break	
	1:30 pm to 2:00 pm	Installation hardware (framing) design	
	2:00 pm to 3:00 pm	Study on Balance of System (BOS) like inverter, charge controller and batteries, their description	
	3:00 pm to 3:15 pm	Tea Break	
	3:15 pm to 4:00 pm	Storage batteries, concepts, technical explanation, selection and sizing of storage batteries	Prof. Sanjay Patel Prof. Dhaval Patel (Asst. Prof. Electrical Department) GPERI, Mehsana
	4:00 pm to 4:45 pm	Net metering concept and Payback Analysis	
	4:45 pm to 5:00 pm	Valedictory (Certificate distribution & Feedback)	

GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE

MECHANICAL ENGINEERING DEPARTMENT

POWERFEST 2017

Schedule “Manufacturing and design of ATV and F1”

Date	Time	Event	Name of Expert
07/03/2017	9:00 am to 9:15 am	Registration	Mr.Prateek Gayakwad & Mr. Pulkit Gandhi
	9:15 am to 9:30 am	Tea	
	9:30 am to 10:00 am	Inaugural	
	10:00 am to 11:30pm	Basic of automobile	
	11:30 am to 12:30 pm	Lunch break	
	12:30 pm to 2:00 pm	Design and manufacturing of ATV	
	2:00 pm to 3:00 pm	Design and manufacturing of F1	
	3:00 pm to 3:15 pm	Tea break	
	3:15 pm to 4:00 pm	Query and discussion	