



**Workshop**  
***Understanding Opportunities in Solar (UOIS-V)***  
**February 11<sup>th</sup>-13<sup>th</sup>, 2013**  
**India International Center**

**Saurya**  
**EnertechPvt Ltd.**

**It is advisable for all the participants to bring their laptops on day 2 in order to**

**Day 1: February 11<sup>th</sup>, 2013**

**Monday**

<b>Time</b>	<b>Speakers</b>	
09:00 - 09:10 AM	Ms. Monica Jain & Ms. Anjali Singh (SauryaEnerTech)	<ul style="list-style-type: none"> <li>• Welcoming Note</li> <li>• Details of the workshop</li> </ul>
09:10 - 09:45 AM	Mr. Rajinder Kaura	<ul style="list-style-type: none"> <li>• Solar Scenario and progress route in India</li> </ul>
09:45 - 10:15 AM	<b>Tea-Break</b>	
<b>SESSION I - Introduction to basics of PV</b>		
10:15 - 12:15 AM	Dr. Vibha Tripathi	<ul style="list-style-type: none"> <li>• Terminology</li> <li>• Leading solar technologies in the world: PV, CSP, Solar Thermal</li> <li>• Components of PV System: Battery Inverter, wiring, system sizing, softwares</li> <li>• Connecting the components</li> </ul>
12:15 – 1:15 PM	Dr. O.S. Sastry	<ul style="list-style-type: none"> <li>• Moving towards JNNSM Part-II</li> <li>• Solar Installation in India</li> </ul>
1:15 - 2:15 PM	<b>Lunch</b>	
<b>SESSION II - Systems</b>		
2:15 - 4:15 PM	Instructor In-Charge: Parveen Jangra, Assistant Instructors: Ganesh Rai, Sumit Chowdhary, Gladson	Hands-On Lab <ul style="list-style-type: none"> <li>• Assembling and testing of solar photovoltaic system</li> <li>• To be provided individual components</li> </ul>
	Participants to put up a small PV system and take results	
4:15-4:30PM	<b>Tea-Break</b>	
4:30 - 5:30 PM	Mr. Sunil Rathee	Solar farms <ul style="list-style-type: none"> <li>• Technical and Site Evaluation</li> </ul>

		<ul style="list-style-type: none"> <li>• Solar Power Plant Installation</li> </ul>
<b>Day 2: February 12<sup>th</sup> , 2013</b> <b>Tuesday</b>		
<b>SESSION III - IEC</b>		
09:00 - 11:00 AM	Dr. Satyendra Kumar	<ul style="list-style-type: none"> <li>• IEC Norms</li> <li>• Solar Panel Testing</li> <li>• Solar farm O&amp;M</li> </ul>
11:00- 11:15 AM	Tea Break	
<b>SESSION IV – System softwares</b>		
01:15 -1:30 PM	Mr. Parveen Jangra : Instructor in Charge : Assistant Instructors: Sumit Chowdhary, Gladson	<ul style="list-style-type: none"> <li>• PV-Syst:</li> <li>• Solar radiation analysis</li> <li>• Load analysis</li> <li>• System design</li> </ul>
1:30 -2:30 PM	<b>LUNCH BREAK</b>	
2:30-3:00	Discussion of Lab/winding-up of experiments	
03:00 - 05:00 AM	Dr. Vibha Tripathi Sumit Chowdhary, Gladson	<ul style="list-style-type: none"> <li>• SAM(System Analysis and Management Software) for photovoltaics</li> </ul>
5:00-5:15PM	<b>Tea-Break</b>	
5:15 - 6:00 AM	Session closing: Panel Discussion/Interactive session	<ul style="list-style-type: none"> <li>• Future of Photovoltaics</li> </ul>
6:00 - 6:15 AM	Vote of Thanks	

**Day 3: February 13, 2013**  
**Wednesday**

**Bus Visit: Visit to Solar Energy Center, Thyagaraja Stadium (Tentative)**

**Note: Bus will leave at 10 AM sharp from India International Center annex.**

**Please be on the site at 9:30 sharp**