

**INTERNATIONAL CONFERENCE ON
SUSTAINABLE ENERGY TECHNOLOGIES
(ICSET 2014)**

**DECEMBER 11-13, 2014, Venue: PSG College of Technology
ORGANIZED BY**



PROGRAMME SCHEDULE

**INAUGURATION - 09.15 AM - 10.30 AM DAY 1 - 11.12.2014
PLENARY & INVITED LECTURES**

Hall - F - Assembly Hall

Timings	Programme	Speaker & Topic	Session Chairs
10.50 AM-11.25 AM	Plenary Lecture - I	Solid-state proton conductors for novel sustainable energy technologies Prof.Truls Norby, UiO, Norway	Dr.P.C.Angelo, PSGCT Dr.Andrej Kuznetsov, UiO
11.25 AM 12.00 AM	Plenary Lecture - II	Recent developments in Photovoltaics: Are we heading for a revolution? Prof.Hari M. Upadhyaya, Heriott Watt, UK	
12.00 AM 12.25 PM	Invited Talk - I	Building integrated concentrated photovoltaic system Dr.Tapas Kumar Mallick, University of Exeter, UK	
Lunch (Q-Angle) 12.25 PM - 01.15 PM			
01.25 PM-01.50 PM	Invited Talk - II	Structure tuning of Titania Nanotubes for solar energy conversion Prof.Tohru Sekino, Osaka University, Japan	Dr.G.Mohan Rao, IISc Dr.R.Ramaseshan, IGCAR
01.50 PM-02.15 PM	Invited Talk - III	Mg(OH) ₂ for solar cell applications Dr.Smagul Karazhanov,IFE, Norway	
02.15 PM-02.50 PM	Invited Talk - IV	Silicon Surface Passivation using Atomic Layer Deposition Technique Dr.Vandana, NPL, New Delhi	
02.50 PM-03.15 PM	Invited Talk - V	Keeping solar photovoltaic cells cool - the potential advantages available from a particular low grade waste heat source Dr. Donald Giddings, University of Nottingham UK	
03.15 PM-04.15 PM	Poster/Tea Session (Q-Angle)		
04.15 PM-05.30 PM	OS-I (F-202)	OS-II (F-203)	OS-III (F-Assembly Hall)

ORAL SESSION 1

SESSION TITLE: POWER ELECTRONICS/WIND ENERGY

Date: 11.12.2014

Venue: Hall F-202

Time: 4.15 to 5.30 pm

Session Chair: Dr.M.Sundaram and Dr.K.Kannan

S.no	Abstract id	Title of the paper/author
1	SE-26	Analysis of PWM Strategies for Z-Source Cascaded Plasmon Induced Photo-Absorption in Photovoltaic Cell Multilevel Inverter for Photovoltaic Applications. <i>R.Seyezhai, Mrunal Deshpande.</i>
2	SE-31	Resonant Gate Driver and Diode Coupled Series MOSFET Based High Voltage Nanosecond Pulse Generator for Liquid Food Pasteurization <i>S.Krishnaveni, V.Rajini.</i>
3	SE-51	Development of A Quazi Z Source Based Dynamic Voltage Restorer with Sliding Mode Control. <i>Latha P V, Dr. P. Valsalal.</i>
4	SE-89	Numerical Investigation of The Effect of Compression Ratio on The Performance of DI Diesel Engine. <i>G.Prabhakara Rao, Vipin Dhyani, Deepak Kumar, V.R.K.Raju, S.S.Rao</i>
5	SE-145	CFD Simulation Of Solar Photovoltaic Array in V-Trough Alignment With Energy Recovery System. <i>Ruchita Jani, Bhupendra K. Markam, Ashish Mittal, Subarna Maiti</i>
6	SE-234	Broad NIR Emission Near C-Si Band-Gap From Bi-Doped Ba-Al Metaphosphate Glasses As Promising Solar Spectral Converter. <i>Debarati Ghosh, S. Balaji, K. Biswas, R. Sen, K. Annapurna</i>
7	SE-269	Applicability of micro-finned heat sinks for 500x Concentrating Photovoltaics Systems. <i>Leonardo Micheli, S. Senthilarasu, K.S. Reddy, Tapas K. Mallick</i>

ORAL SESSION 2

SESSION TITLE: DYE SENSITIZED SOLAR CELLS

Date: 11.12.2014

Venue: Hall F-203

Time: 4.15 to 5.30 pm.

Session Chair: Dr.S.Agilan and Dr.T.S.Senthil

S.no	Abstract id	Title of the paper/author
1	SE-59	Dye-Sensitized Solar Cells Based On Solvothermally Crystallised TiO ₂ Nanotubes. B. Manmadharao, Mukta Tathavadekar, Satishchandra B. Ogale, Somnath C. Roy
2	SE-77	Fabrication Of Dye Sensitized Solar Panel. Grandham santhosh, KaliHarish Vaibhav, Kiran Kumar reddy K, Mohan R, T.Ramachandran, K S Rajni
3	SE-91	Efficient Ternary Bulk Heterojunction Organic Solar Cells: Addition Of Small Molecule To Increase Photocurrent Generation. S.S. Sharma, G.D. Sharma.
4	SE-167	Influence Of Organic Acid Capped TiO ₂ Nanorods As Photoelectrode In Dye Sensitized Solar Cell. S. Ananthakumar, J. Ramkumar, S. Moorthy Babu
5	SE-183	Co-Sensitization of Eosin and Coumarin Hybrid Dye Based DSSC for Enhanced Efficiency K. Ashok Kumar, K. Subalakshmi, J. Senthilselvan
6	SE-195	DFT and Td-DFT Studies On New Organic Dye Molecule In Dye Sensitized Solar Cell (DSSC) Applications V. Mohankumar, Muthu Senthil Pandian, P. Ramasamy
7	SE-196	Investigations Of Tungsten Carbide (WC) Treated With Different Temperatures As Counter Electrodes For Dye Sensitized Solar Cells (DSSC) Applications. A. P. Vijayakumar, A. M. Senthil Pandian, B. Lim Su Pei, B. Alagarsamy Pandikumar, B. Huang Nay Ming, C. Sumita Mukhopadhyay, A. P. Ramasamy
8	SE-265	Phase Analysis Of Abnormal Grain Growth Free Strontium Barium Niobate. Abduraof.K, Balaji.R, Jayakumar.S

ORAL SESSION 3

SESSION TITLE: THIN FILM PHOTOVOLTAICS/NANOMATERIALS

Date: 11.12.2014

Venue: Hall F-Assembly Hall

Time: 4.15 to 5.30 pm.

Session Chair: Dr.M.Dhanam and Dr.M.Saroja

S.no	Abstract id	Title of the paper/author
1	SE-250	Synthesis and characterization of low work function Yttrium thin films for photocathode applications. <i>R.Ramaseshan, S. Tripura Sundari, A.K.Balamurugan, Sitaram Dash and A.K.Tyagi, Y. Sato, T. Nakayama and H. Suematsu.</i>
2	SE-201	Mass Spectral Analysis And Quantification Of Secondary Ion Mass Spectrometry Data. <i>A. K. Balamurugan, S. Dash and A. K. Tyagi.</i>
3	SE-202	Ellipsometric Studies of RF Sputtered ZrN Thin Films <i>S. Tripura Sundari and R. Ramaseshan.</i>
4	SE-32	Investigation on Spinel MnCo ₂ O ₄ Electrode Material prepared Via Controlled And Uncontrolled Synthesis Route for Supercapacitor Application. <i>R.Tholkappiyan, A. Nirmalesh Naveen, S. Sumithra and K.Vishista.</i>
5	SE-47	Towards Quantum Dot Solar Cells: Supramolecular Interactions between Quantum Dots and Porphyrins. <i>Thapelo Emmanuel Chalatsi, Oluwasesan Adegoke, Patricia Forbes, ShankaraGayathriRadhakrishnan.</i>
6	SE-174	Effect Of Sputtering Power On The Structural Morphological Electrical And Optical Properties Of Chalcopyrite CIGS Thin Films. <i>C.Ravi Dhas, A.Jennifer Christy, B.Anitha, A.Juliat Josephine</i>
7	SE-57	Study on Device Performance of ITO/ZnO/POLYMER/Ag Using Polymers MEHPPV & P3HT <i>R. Geethu, C. Sudha Kartha, K P Vijayakumar.</i>
8	SE-73	Solution-Processed Nanocrystalline PBS-ZnO Solar Cells. <i>Jaymin Ray, Tapas K. Chaudhuri.</i>
9	SE-75	Graphene Oxide Modified Potassium Titanate Micro Whiskers and their Photo-electrochemical Performance. <i>Yalavarthi Rambabu, Manu Jaiswal and Somnath C Roy.</i>

PROGRAMME SCHEDULE

DAY 2 - 12.12.2014

PLENARY & INVITED LECTURES

Timings	Programme	Speaker & Topic	Session Chairs
9.00 AM-9.40 AM	Plenary Lecture - III	Energy Storage for Concentrated Solar Power using Metal Hydrides Prof. Gavin Walker, University of Nottingham, UK	Dr.Tapas Kumar Mallick, University of Exeter, UK Dr.S.Neelakrishnan,PSGCT
9.40 AM-10.20 AM	Plenary Lecture - IV	Techno-Economic Viability Analysis of Concentrating Solar Power (CSP) Plants in India Prof.Srinivasa Reddy, IIT-Madras	
10.20 AM-10.35 AM	High Tea (Q-Angle)		
10.35 AM-11.00 AM	Invited Talk - VI	Effect of Surface Morphology on Silicon Solar Cell Performance: Issues and Challenges Dr.P.K.Singh, NPL	Dr.G.Mohan Rao, IISc Dr.S.Uthanna, SV University, Tirupati
11.00 AM-11.25 AM	Invited Talk - VII	Optical properties of nanostructures for solar cell applications Dr. Martin Greeve, BUC, Norway	
11.25 AM-11.50 PM	Invited Talk - VIII	High-throughput computational materials design and characterisation for functional inorganic materials Dr.Ponniah, Vajeeston, UiO, Norway	
12.00 PM-01.00 PM	OS-IV (F-202)	OS-VI (F-203)	OS-VI (F-Assembly Hall)
01.00 PM-01.45 PM	Lunch (Q-Angle)		
01.45 PM-02.10 PM	Invited Talk - IX	New Developments in Microbatteries Dr.G.Mohan Rao	Dr.Lasse Vines, UiO Dr.Augustinas , UiO
02.10 PM-02.35 PM	Invited Talk - X	Volumetrically absorbing compact concentrating Solar Collectors (C<60) to deliver heat at 200-250°C for Water desalination and Industrial use. Dr. Harjit Singh, Brunel University, UK	
02.35 PM-03.00 PM	Invited Talk - XI	Quasi-one Dimensional Titania Nano-architectures for Application in Energy Dr. Tom Mathews, IGCAR, Kalpakkam	
02.45 PM-03.45 PM	Poster/Tea Session (Q-Angle)		
04.00 PM-05.00 PM	Dr.Sarah Brown - F-Assembly Hall Chief Editor, ICE Publications		

ORAL SESSION 4

SESSION TITLE: HYDROGEN STORAGE/ELECTROLYTES/PHOTOCATALYSIS

Date: 12.12.2014

Venue: Hall F-202

Time: 12 to 1 pm.

Session Chair: Dr.Sterling Leo and Dr.P.K.Rajesh

S.no	Abstract id	Title of the paper/author
1	SE-04	Visible Light Assisted Photocatalytic Reduction Of CO_2 Using Graphene Oxide Supported Heteroleptic Ruthenium. Pawan Kumar, Chetan Joshi, Suman L. Jaina
2	SE-22	Improving the Hydrogen Storage Characteristics of MgH_2 using Nano- TiO_2 for Clean Energy Applications A. Ramesh, George Alexander, T. Sonia, M. Vasuhi, R. Devi, T.Kayalvizhi, M.S.L. Hudson
3	SE-40	Ionic Liquid Incorporated Solid Polymer Electrolyte For The Enhancement Of Electrical Conductivity Of Sodium Ion Battery. S.Jeya, K.Kulasekarapandian, B. Sundaresan
4	SE-64	Investigation of an Electrochemical Behavior of V_2O_5 /GO Nanocomposite for Energy Storage Application T. Sakthivel, Devika P. Nair, V. Gunasekaran
5	SE-70	Conductivity and Dielectric characterizations of nanofiller TiO_2 dispersed PEO - PEG blend Nano Composite Polymer Electrolyte for Lithium batteries Mohamed Ali .T, Selladurai.S
6	SE-136	Ab-Initio Study of Pd-Cu and its Hydrides: for Hydrogen Storage Application Ramesh Sharma, Shalini Dwivedi, Yamini Sharma
7	SE-149	Microwave Assisted Synthesis Of Gadolinium Doped Barium Cerate Electrolyte For Solid Oxide Fuel Cell Application. A.Senthil Kumar, R.Balaji, S.Jayakumar
8	SE-152	Low Cost Olivine AFePO_4 (A = Li, Na) Phosphate Cathode Materials For Next Generation Rechargeable Batteries. M. J. Sneha, G. Kumar, A. Dixit
9	SE-165	Effect of Solvent on the Ionic Conductivity of PVP- NH_4Cl Polymer Electrolyte N.Vijaya, S.Selvasekarapandian
10	SE-170	Tic Thin Film As Anode For Lithium Ion Batteries. Thulasi Raman K. Ha, Tirupathi Rao Penki, Munichandriah Nookalab, Mohan Rao G
11	SE-206	Dielectric & Ferroelectric behaviour of PbTiO_3 : temperature dependence Chandra Kumar Dixit

ORAL SESSION 5
SESSION TITLE: DYE SENSITIZED SOLAR CELLS

Date: 12.12.2014

Venue: Hall F-203

Time: 12 to 1 pm.

Session Chair: Dr.N.Gokilamani and Dr.T.S.Senthil

S.no	Abstract id	Title of the paper/author
1	SE-77	Fabrication Of Dye Sensitized Solar Panel. <i>Grandham santhosh, KaliHarish Vaibhav, Kiran Kumar reddy K, Mohan R, T.Ramachandran, K S Rajni</i>
2	SE-91	Efficient Ternary Bulk Heterojunction Organic Solar Cells: Addition Of Small Molecule To Increase Photocurrent Generation. <i>S.S. Sharma , G.D. Sharma</i>
3	SE-167	Influence Of Organic Acid Capped Tio ₂ Nano rods As Photoelectrode In Dye Sensitized Solar Cell. <i>S. Ananthakumar, J. Ramkumar, S. Moorthy Babu</i>
4	SE-183	Co-Sensitization Of Eosin And Coumarin Hybrid Dye Based DSSC For Enhanced Efficiency. <i>K. Ashok Kumar, K. Subalakshmi, J. Senthilselvan</i>
5	SE-195	DFT and Td-DFT Studies On New Organic Dye Molecule In Dye Sensitized Solar Cell (DSSC) Applications. <i>V. Mohankumar, Muthu Senthil Pandian, P. Ramasamy</i>
6	SE-196	Investigations of Tungsten Carbide (WC) Treated with Different Temperatures as Counter Electrodes for Dye Sensitized Solar Cells (DSSC) Applications <i>A. P. Vijayakumar, A. M. Senthil Pandian, B. Lim Su Pei, B. Alagarsamy Pandikumar, B. Huang Nay Ming, C. Sumita Mukhopadhyay, A. P. Ramasamy</i>

ORAL SESSION 6

SESSION TITLE: THIN FILM PHOTOVOLTAICS/NANOMATERIALS SESSION

Date: 12.12.2014

Venue: Hall F-202

Time: 12 to 1 pm.

Session Chair: Dr.M.Sridharan and Dr.T.Venkatachlam

S.no	Abstract id	Title of the paper/author
1	SE-109	Structural, Morphological and Optical Characterization of Pure and Mn ²⁺ Doped ZnGa ₂ O ₄ Nanophosphors for White-LED Applications <i>P.Christopher Selvin, V.Sudarsan, K.Somasundaram, K.P.Abhilash, B.Nalini, P.Sivaraj</i>
2	SE-116	Electrochemical Performance Comparison of a-SiC and Si@GNS over Si Thin Film Electrode <i>Rajesh Thomas, Habibudhin Sheik, G Mohan Rao</i>
3	SE-135	Morphology Dependent Photoconductivity Enhancement in Reduced Graphene Oxide - Copper Tin Sulphide Composites for Solar Cells <i>M. Kamalanathan, S. Karuppusamy, R. Sivakumar, R. Gopalakrishnan</i>
4	SE-144	Solar Photothermochemical Benzylic Bromination And Its Application Towards The Syntheses Of 4-Bromo-2, 5-Substituted Oxazoles From N-arylethylamides. <i>Milan Dinda, Pushpito K. Ghosh, Subarna Maiti</i>
5	SE-155	Structural and Optical Properties of CZTS Nanoparticles Synthesized by Solvothermal Method. <i>A.G. Kannan, T.E. Manjulavalli</i>
6	SE-164	An Attempt to control the Cu diffusion in ITO/CuInS ₂ /In ₂ S ₃ /Ag solar cells <i>M.V Santhosh, C.Sudhakartha, K. P. Vijayakumar, T Abe, Y Kashiwaba</i>
7	SE-169	Synthesis And Studies Of Carbazole Based A-D-A Type Polymers For Organic Solar Cell Applications. <i>Govindasamy sathiyam, Ramasamy ganesamoorthy, Rangasamythangamuthu, Pachagoundersakthiveld</i>
8	SE-54	Effect Of Substrate Type On The Growth Of Cu ₂ ZnSnS ₄ Thin Films Prepared By Spray Pyrolysis For Solar Cell Absorber Layer. <i>U. Chalapathi, S. Uthanna and V. Sundara Raja.</i>
9	SE-181	Electrical Characterization Of Hg/N-Si (Ms) And Hg/Po ₃ /N-Si (Mis) Inversion Layer Solar Cells <i>M. Diale, F.J. Nambala, D. Cahen</i>

PROGRAMME SCHEDULE

DAY 3 - 13.12.2014

PLENARY & INVITED LECTURES

Timings	Programme	Name of the Speaker	Session Chairs
9.00 AM-9.40 AM	Plenary Lecture - V	Tracer diffusion measurements revealing point defect evolutions in ZnO Prof. Andrej Kuznetsov, University of Oslo, Norway	Dr.A.Kandasamy, PSG CT Dr.C.K.Shashidharan Nair, PSG CT
9.40 AM-10.20 AM	Plenary Lecture - VI	Thin Film Solar Cells Using Earth Abundant Compound Semiconductors Through Spray Technique: Suitable Materials for Absorber and Window Layer Prof.K.P.Vijayakumar, CUSAT, Cochin	
10.20 AM-10.35 AM	High Tea (Q-Angle)		
10.35 AM-11.00 AM	Invited Talk - XII	Doping and defects in sputtered ZnO thin films Dr.Lasse Vines, UiO, Norway	Dr.J.Ravichandran, PSG CT Dr.S.Agilan, CIT
11.00 AM-11.25 AM	Invited Talk - XIII	investigation of Ga-doping effects in ZnO Dr.Augustinas, UiO, Norway	
11.30 AM-12.30 PM	OS-VII (F-202)	OS-VIII (F-Assembly Hall)	
12.30 PM-01.30 PM	Lunch (Q-Angle)		
01.30 PM-01.55 PM	Invited Talk - XIV	Silicon Nanowire Arrays Based P-N Junction Solar Cells Dr.S.K.Srivastava, NPL, New Delhi	Dr.M.D.Kannan, PSG CT Dr.R.Amuda, PSG CT
01.55 PM-02.20 PM	Invited Talk - XV	Understanding Role of Defects on Properties of Semiconductors using Theoretical Calculations Dr.Vidhya Ravindran, IMSc, Chennai	
02.20 PM 02.45 PM	Invited Talk - XVI	Green hydrogen-fuel generation from solar light driven photoelectrocatalytic water splitting Dr.Sudhagar Pitchaimuthu, Tokyo Univ of Science, Japan	
02.45 PM-03.45 PM	Poster/Tea session (Q-Angle)		
03.45 PM	Certificate Distribution (F-Assembly Hall)		

ORAL SESSION 7

SESSION TITLE: BIO-MATERIALS/THERMAL/GENERAL

Date: 13.12.2014

Venue: Hall F-202

Time: 11.30 to 12.30 pm.

Session Chair: Dr.G.Thilagavathy and Dr.Vasantha

S.no	Abstract id	Title of the paper/author
1	SE-07	Simulated Performance Of Sk14 Solar Cooker With Provision For Hybrid Cooking. <i>Ajit Kumar N Shukla</i>
2	SE-14	Direct Application Of Geothermal Energy In India: The Possibilities. <i>S. Manikandan</i>
3	SE-30	Thermal Reliability Studies Of An Organic PCM For Solar Thermal Energy Storage. <i>Sreekumar. A, Raam Dheep</i>
4	SE-207	Experimentation On Thermal Behaviour Of Downdraft Gasifier For Wood And Saw Dust Briquette. <i>Gajanan N Shelke, P Mahanta</i>
5	SE-213	Design, Development And Performance Improvement Of Natural Convection Mixed Mode Solar Dryer. <i>S. Balachandran, S. Lionel Beneston, S. Babu,</i>
6	SE-88	Effect Of Starch As Capping Agent On The Size And Optical Band Gap Of WO ₃ Nanoparticles. <i>P. Naveen kumar, J. Sahaya Selva Mary, W. Jothi Jeyarani, Neena Bachan, J. Merline Shyla.</i>
7	SE-277	High Aspect Ratio Hydroxyapatite Nano rods Formed By Polymer Assisted Synthesis. <i>A. Joseph Nathanael and Tae Hwan Oh.</i>
8	SE-282	Photocatalytic Reduction of Carbon Dioxide using as Synthesized TiO ₂ and CuO ₂ Supported TiO ₂ <i>Thamaraiselvi .K, Ravichandran. J and Sivakumar.T</i>
9	SE-286	Catalytic Oxidative Esterification of Renewable Furfural to Methyl-2-furoate over Au and Au-Pd Supported Hydroxyapatite Nanorods <i>Ramakrishnan. R and Sivakumar. T</i>
10	SE-287	Production of Biofuel from Non-edible Vegetable Oils using Nanosized ZSM-5 Enwrapped with KIT-6 Composite Catalysts <i>Sudhakar.R and Sivakumar.T</i>

ORAL SESSION 8

SESSION TITLE: THIN FILM PHOTOVOLTAICS/NANOMATERIALS

Date: 13.12.2014

Venue: Hall F-Assembly Hall

Time: 11.30 to 12.30 pm.

Session Chair: Dr.M.Saroja and Dr.Vidhya Bhojan

S.no	Abstract id	Title of the paper/author
1	SE-24	Earth-Abundant Cu_2SnS_3 As Alternative Absorber For Thin Film Photovoltaics. <i>Tapas K Chaudhuri, Devendra Tiwaria, Dr. K. C. Patel</i>
2	SE-28	Plasmon Induced Photo-Absorption In Photovoltaic Cell. <i>Habibuddin Shaik, Basavaraju U, Sundarmurthy M, Mohan Rao G</i>
3	SE-211	Hydrothermally Synthesized Titanium Dioxide Nanorods / Nanoparticles And Their Properties For Solar Energy Conversion Applications. <i>Govindaraj R, Senthil Pandian M, Ramasamy P</i>
4	SE-212	Aligned Silver Nanowire Thin Films Using Langmuir Blodgett Technique For Solar Cell Applications. <i>Keerthi G. Nair, P. Biji</i>
5	SE-229	Magnetron Sputtered ZnO: V Thin Films For Piezoelectric Application. <i>Albert Serra Torrent, P. Deepak Raj, M. Sridharan</i>
6	SE-232	Structural, Optical And Electrical Studies On ZnCdSe Thin Films Prepared By Thermal Evaporation. <i>S. Selva Priya, B. Lakshmi Shree, P. Therasa Ranjani, M. Sridharan</i>
7	SE-233	Micro-Structural, Optical And Electrical Properties Of Magnetron Sputtered VO_x/ZnO Thin Films. <i>P. Therasa Ranjani, P. Deepak Raj, B. Lakshmi Shree, S. Selva Priya, M. Sridharan</i>
8	SE-95	Deposition And Characterization Of Co-Evaporated Cu_2SnS_3 Thin Films For Photovoltaic Application. <i>T. Srinivasa Reddy, M.C.Santhosh Kumar</i>
9	SE-05	Preparation And Characterization Of Yttrium Doped Cadmium Oxide Thin Films By Sol-Gel Spin Coating Method. <i>M.Thirumoorthi, J.Thomas, Joseph Prakash</i>
10	SE-59	Dye-Sensitized Solar Cells Based On Solvothermally Crystallised TiO_2 Nanotubes. <i>B. Manmadharao, Mukta Tathavadekar, Satishchandra B. Ogale, Somnath C. Roy</i>

ICSET-2014 – Poster Session Details

Timings: 03.15 PM- 04.15 PM

Date	Name of the Poster Session	Poster Numbers
11.12.2014	Thin Film Photovoltaics/ Nanomaterials session (Hall-F-Assembly Hall)	SE-03, SE-06, SE-15, SE-33, SE-35, SE-36, SE-41, SE-42, SE-52, SE-55, SE-56, SE-61, SE-71, SE-79, SE-82, SE-83, SE-87, SE-90, SE-268
11.12.2014	Power Electronics/Wind Energy (Hall-F-202)	SE-01, SE-08, SE-10, SE-13, SE-16, SE-17, SE-21, SE-25, SE-29, SE-37, SE-48, SE-58, SE-66, SE-68, SE-69, SE-80, SE-97, SE-278
11.12.2014	Dye Sensitized Solar Cells (Hall-F-203)	SE-09, SE-11, SE-12, SE-18, SE-20, SE-27, SE-62, SE-65, SE-72, SE-76, SE-78, SE-84, SE-262,SE-270,SE-272, SE-275, SE-276, SE-279

Timings: 02.45 PM-03.45 PM

Date	Name of the Oral Session	Poster Numbers
12.12.2014	Thin Film Photovoltaics/ Nanomaterials session (Hall-F-Assembly Hall)	SE-118, SE-119, SE-120, SE-121, SE-128, SE- 129, SE-137, SE-138, SE-139, SE-171, SE-173, SE-175, SE-176, SE-179, SE-184, SE-189, SE-190, SE-192, SE-266, SE-291
12.12.2014	Hydrogen storage/electrolytes/ photocatalysis (Hall-F-202)	SE-19, SE-23, SE-38, SE-39, SE-43, SE-45, SE-46, SE-49, SE-50, SE-53, SE-60, SE-63, SE-67, SE-85, SE-101, SE-107, SE-140,SE-147, SE-150,SE-156, SE-168, SE-281, SE-283, SE-284, SE-285
12.12.2014	Dye Sensitized Solar Cells (Hall-F-203)	SE-93, SE-102, SE-103, SE-110, SE-125, SE-127, SE-130, SE-158, SE-186, SE-209, SE-245, SE-246,SE-263,SE-271

Timings: 02.45 PM-04.45 PM

Date	Name of the Oral Session	Poster Numbers
13.12.2014	Thin Film Photovoltaics/ Nanomaterials session (Hall-F-Assembly Hall)	SE-200, SE-231, SE-236, SE-237, SE-238, SE-240, SE-241, SE-92,SE-94, SE-96, SE-111, SE-112, SE-113, SE-117, SE-193, SE-194, SE-198, SE-262, SE-267, SE-288, SE-289, SE-290
13.12.2014	Bio- Materials / Thermal / General (Hall-F-202)	SE-74, SE-81, SE-86, SE-99, SE-100, SE-108, SE-122, SE-124, SE-126, SE-131, SE-133, SE-134, SE-141, SE-143, SE-159, SE-160, SE-161, SE-162, SE-166, SE-178, SE-182, SE-185, SE-187, SE-191, SE-197, SE-215, SE-217, SE-218, SE-219, SE-220, SE-221, SE-222,SE-225, SE-260, SE-261, SE-264, SE-273, SE-274, SE-280
13.12.2014	Power Electronics/Wind Energy (Hall-F-203)	SE-98, SE-104, SE-105, SE-106, SE-114, SE-115, SE-132, SE-146, SE-151, SE-153, SE-154, SE-163, SE-172, SE-177, SE-199, SE-226, SE-228, SE-235