

(05) Organic Electronics

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DETAILED PROGRAMME**Wednesday : 14-12-2016****Session I : 14.15-18.00 hrs**

14.15-14.45 Invited Talk (1)	<u>Rajneesh Misra</u>	ABS-Email-ICYRAM Diketopyrrolopyrrole acceptor for bulk heterojunction solar cells
14.45-15.00 Oral (1)	<u>G Hanumantha Rao</u> A. Venkateswararao, L. Giribabu, Liyuan Han, Idriss Bedja Ravindra Kumar Gupta Ashraful Islam Surya Prakash Singh	ABS-652-ICYRAM A near-infrared cis-configured squaraine co-sensitizer for high-efficiency dye-sensitized solar cells
15.00-15.15 Oral (2)	<u>Vithyasaahar Madhavan</u> Snehal Saraf Rajesh Kulkarni	ABS-309-ICYRAM Development of Bendable Resistive and Capacitive Based Pressure Sensor for Real Time Application Systems
15.15-15.30 Oral (3)	<u>Navdeep Kaur</u> D. P. Singh Aman Mahajan	ABS-540-ICYRAM Flexible Lead (II) tetrakis (4-cemylphenoxy) phthalocyanine thin films for room temperature gas sensing applications
15.30-15.45 Oral (4)	<u>Peng Yao</u> Xiaoyan Li Xiaobo Liang	ABS-40-ICYRAM A Study on Optimization of Process Parameters and Microstructure Evolution for Obtaining Full Cu3Sn Solder Joints in Electronic Packaging

Wednesday : 14-12-2016**Session II : 16.00-18.00 hrs**

16.00-16.30 Invited Talk (2)	Upendra Kumar Pandey	ABS-Email-ICYRAM Mobility Vs Alignment Vs Performance of Organic Semiconductors
16.30-16.45 Oral (5)	<u>Reshma Raveendran</u> Manoj A G Namboothiry	ABS-471-ICYRAM Silicone Elastomer as Gate Dielectric for Solution Processed Organic Field Effect Transistors
16.45-17.00 Oral (6)	<u>O P Bajpai</u> D Khastgir S Chattopadhyay	ABS-264-ICYRAM Electrical and Optical Properties of the Polythiophene Films Synthesized Electro-Chemically from BF ₃ .Et ₂ O

17.00-17.30 Invited Talk (3)	<u>Tsuyoshi Michinobu</u>	ABS-75-ICYRAM Organic Thin Film Transistors of Benzobisthiadiazole-Based Semiconducting Polymers
17.30-17.45 Oral (7)	<u>Thangavel Kanagasekaran</u> Hidekazu Shimotani Katsumi Tanigaki	ABS-765-ICYRAM A new pathway for the hole and electron injection in organic light emitting Field Effect Transistors
17.45-18.00 Oral (8)	<u>L Raja</u> N C Shivaprakash S Sindhu	ABS-238-ICYRAM Photophysical, electrochemical and thermal properties of Ru(III) based 4'-aryl substituted 2.2':6'2" terpyridine derivatives for red light emitting OLEDs application

Thursday : 15-12-2016

Session III : 16.00-18.00 hrs

16.00-16.30 Invited Talk (4)	<u>Satyajit Sahu</u> Giriraj Vyas Parveen Dagar	ABS-Email-ICYRAM Organic Memory Devices: A Complementary Mechanism for Regulation of Conductance of Switching Device
16.30-16.45 Oral (9)	<u>R B Gangineni</u> K. Pramod	ABS-571-ICYRAM The Electron transport and its correlation to the bi-stable states in PVDF thin films & nano-dots in capacitor like structures
16.45-17.00 Oral (10)	<u>C S Suchand Sangeeth</u> Albert Wan Christian A Nijhuis	ABS-587-ICYRAM Probing the Nature of the Molecule-Electrode Contact in Self Assembled Monolayer Based Molecular Junctions
17.00-17.30 Invited Talk (5)	<u>Neeraj Agarwal</u>	ABS-Email-ICYRAM
17.30-17.45 Oral (11)	<u>R S Nathiya</u> V Raj	ABS-458-ICYRAM Expired Antiviral Durgs as Inhibitors for Aluminium Corrosion in Acidic Solution

Poster Session:**Thursday: 15.12.2016, 10.15-13.15 hrs**

05-Poster-01	Shiv Kumar Putta Raju Boregowda Satish Patil	ABS-50-ICYRAM Deep Blue Electroluminescence Based on Coumarin Derivative
05-Poster-02	W. Joychandra Singh Ksh. Jugeshwar Singh K. Nomita Devi	ABS-117-ICYRAM Effect of Contact Electrode on the Conduction Mechanism in Polythiophene Devices
05-Poster-03	Abhay G Shrivastava D K Gautam	ABS-130-ICYRAM Synthesis & Characterization of HCL Doped Polyaniline For Ammonia (NH ₃) Sensing Application
05-Poster-04	K Priya Madhuri Neena S John	ABS-131-ICYRAM Effect of Substrate on Molecular Packing of Lead Phthalocyanine Thin Films and its Conductivity
05-Poster-05	K Jugeshwar Singh R Menon, K Nomita Devi K P Ramesh	ABS-164-ICYRAM NMR, dc and ac conductivity study of Charge Transport mechanism in Poly3-hexylthiophene
05-Poster-06	A B Rahaman A. Sarkar , D. Banerjee D. Giri, S. K. Patra	ABS-342-ICYRAM Charge transport and recombination of π -conjugated polymer/fullerene heterojunction in photovoltaic configuration measured by CELIV technique
05-Poster-07	A Sarkar A B Rahaman D Banerjee, D Giri S K Patra	ABS-344-ICYRAM Charge carrier density and lifetime measurement of a new π -conjugated polymer in photovoltaic configuration
05-Poster-08	Seelam Prasanthkumar Shivaprasad Achary	ABS-406-ICYRAM Novel Donor-Acceptor Architectures For Optoelectronic Applications
05-Poster-09	B Hemavathi Shanmukappa Gouda C Truphii Devaiah T N Ahipa	ABS-457-ICYRAM Synthesis of new Cyanopyridine based Small Molecules for Optoelectronic Application
05-Poster-10	E K Joice Anitha Varghese Bala Ganesh Joseph Selvaraj	ABS-537-ICYRAM Electrochemical deposition of platinum nanoparticles on polythiophene and electrocatalytic behaviour for toluene oxidation

05-Poster-11	Anitha Varghese Y N Sudhakar Louis George	ABS-562-ICYRAM High Catalytic Activity of Pt-PANI nanoclusters toward Electrochemical oxidation and determination of Gemcitabine
05-Poster-12	M Rahman Khan A. M. Jagtap K. S. R. K. Rao R. Menon	ABS-564-ICYRAM Temperature Dependent Charge Transport Study in Hybrid Composite Device of Organic Semiconductor and Silver Sulfide Quantum Dots
05-Poster-13	Amit Roy Vaibhav Varade P Anjaneyulu Reghu Menon	ABS-568-ICYRAM Doping and temperature dependent transport in Poly (3, 4- ethylenedioxythiophene) devices
05-Poster-14	C Trupthi Devaiah B Hemavathi T N Ahipa	ABS-632-ICYRAM New Blue Emissive Conjugated Small Molecules with Low Lying HOMO Energy Levels for Optoelectronic Applications.
05-Poster-15	Ravi Saripalli Dipti Swain, Siva Prasad N Hari Haran T N Guru Row H.L. Bhat, Suja Elizabeth	ABS-674-ICYRAM Phase transitions in organic crystals of Di-isopropyl-ammonium Iodide
05-Poster-16	Supreet Kaur Golam Mohiuddin Santanu Kumar Pal	ABS-678-ICYRAM Design, synthesis and characterization of three-ring-based bent-core mesogens
05-Poster-17	Vidhika Punjani Golam Mohiuddin Santanu Kumar Pal	ABS-684-ICYRAM Room-temperature mesomorphism in a low molecular weight bent-core liquid crystal: Synthesis and characterisation
05-Poster-18	Aviraj A Jatrakar Jyotiprakash B. Yadav Vaishali S. Patil Rahul B. Patil Vijaya Puri, R. K. Puri	ABS-715-ICYRAM Highly Smooth Ultrathin Polyaniline Thin Film Optical Waveguide by Glow Discharge Plasma Polymerization Technique