

ChemFest-2018 [15th Annual In-House Symposium] School of Chemistry, University of Hyderabad 9th-10th March 2018; Venue: DST Auditorium Programme Schedule	
Day 1: 9th March, 2018	
1:30-2:00 pm	Registration
2:00-2:30 pm	Inaugural Session Welcome Remarks by Dean, School of Chemistry Prof. T. P. Radhakrishnan Opening Remarks by Vice-Chancellor, University of Hyderabad
Session I Prof. M. Periasamy / Dr. J. Jose (Chairperson)	
2:30-3:30 pm	Alumnus lecture by Prof. Sambasivarao Kotha, IIT, Bombay.
3:30-4:30 pm	OP-1 to OP-3
4:30-6:00 pm	Tea/ Coffee & Posters
Session II Prof. S. Pal/ Dr. B. L. V. Prasad (Chairperson)	
6:00-8:00 pm	OP-4 to OP-9
8:00 pm onwards	Dinner
Day 2: 10th March, 2018	
Session III Prof. S. K. Das (Chairperson)	
9:00-10:40 am	OP-10 to OP-14
10:40-12:15 pm	Tea/ Coffee & Posters
Session IV Prof. D. Basavaiah (Chairperson)	
12:15-1:00 pm	Faculty lecture by Prof. Lalitha Guruprasad
1:00-2:00 pm	Lunch
Session V Prof. M. Durga Prasad / Dr. M Sathiyendiran (Chairperson)	
2:00-3:40 pm	OP-15 to OP-19
3:40-4:25 pm	Faculty Lecture by Prof. Anunay Samanta
4:25-4:55 pm	Tea/ Coffee
Session VI Prof. K. D. Sen (Chairperson)	
4:55-5:15 pm	Interaction with Alumni
5:15-5:30 pm	Prize distribution / Vote of thanks / concluding ceremony

Oral Presentations

S. No.	Title of the Presentation	Name of the Presenter	Research Group
OP1 PP1	Highly Enantioselective Synthesis of Substituted Chiral Allenes	Mohan Lakavathu	MP
OP2 PP2	Salts and salt-cocrystals of anti-bacterial drug pefloxacin	Anilkumar Gunnam	AN
OP3 PP3	Photonic Microresonators from Charge-Transfer in Polymer Particles - toward Enhanced and Tunable Two-Photon Emission	Radhika Vattikunta	RC
OP4 PP4	Post Synthetic Transmetallation: SCSC Transformation in a 3D Porous MOF System	Suresh Bommakanti	SKD
OP5 PP5	Synthesis and Applications of Chiral Secondary Amines	Iddum Satyanarayana	MP
OP6 PP6	Segmented polyurethanes of functionalized butadiene diol through assembly of hard segment domains and shape memory properties	Billa Narasimha Rao	TJ
OP7 PP7	Methods for synthesis of chiral diamides and amines and conversion of enamines to allenens	Harish Vagala	MP
OP8 PP8	Construction of double/triple decker shaped noncovalent cyclic aromatic trimer motif(s)	Ch. Kiran Kumar	MS
OP9 PP9	Baylis-Hillman acetates in organic synthesis : A simple two-step strategy for oxindole-spiro- α -arylidene- γ -butyrolactone framework	Harathi Lingam	DB
OP10 PP10	Selective Synthesis of 6-Substituted Benzo[<i>b</i>]thiophenes by Ag/AlCl ₃ -Catalyzed Oxidative Annulation and 1,2-S-Migration of Thiol-Derivatives and Alkynes	E. Ramesh	AKS
OP11 PP11	In Situ Generated Isoquinolinium Species as Valuable Electrophiles for Baylis-Hillman reaction	Perumal Thamizharasi	DB
OP12 PP12	One pot Synthesis of C _{3h} Benzotripyrrole and its mechanistic studies	P. Obaiah	PKP
OP13 PP13	Transformable Sulfoximine Directed One-Pot Di-Annulation of (Hetero)Arenes and Acrylamides with Unactivated Alkynes	M. Shankar	AKS
OP14 PP14	Synthesis of Indole and Carbazole alkaloids	Ganapathy Ranjani	RN
OP15 PP15	Organocatalytic Umpolung Annulative Dimerization of Ynones for the Synthesis of 5-Alkylidene-2-Cyclopentenones	Thipparthi Prabhakar	DBR

OP16 PP16	Theoretical Study on Boron Based High Energy Materials	Satyendra Gupta	SM
OP17 PP17	Synthesis and characterization of BF ₂ complexed triphenylamine linked 1-3-diketone and its application in cyanide ion sensing	D. Tamilarasan	RB
OP18 PP18	New Synthetic Methods Based on Electron Transfer Reactions	Ananda Rao Gunda	MP
OP19 PP19	Structural and functional characterization of PE1 and PE2 proteins in <i>M.tuberculosis</i>	Bala Divya M	LGP

Poster Presentation

S. NO	Title of the Poster
PP20	Addition and cyclization reactions of allenylphosphonates/phosphine oxides <u>Mandala Anitha</u> and K. C. Kumara Swamy*
PP21	Gold Catalyzed Sequential Intramolecular [4+2] Cycloaddition of 3-Dienyl indoles: A Facile Route to Substituted Terphenylamines <u>U. Anasuyamma</u> and K. C. Kumara Swamy*
PP22	Metal Nanoparticle and Nanocluster - Embedded Polymer Thin Films <u>U. Divya Madhuri</u> and T. P. Radhakrishnan*
PP23	Synthetic Transformations Using Molecular Oxygen Adsorbed Carbon Materials <u>Masilamani Shanmugaraja</u> , <u>Modala Ramusagar</u> and <u>Mariappan Periasamy</u> *
PP24	Gas-Liquid Interfacial Reaction of Triethylamine Vapour and Polyoxometalate Solution Leading to the Generation of Ammonium Ion <u>N. Tanmaya Kumar</u> , <u>Samar K. Das</u>
PP25	Borane Lewis Base Complexes by the Reaction of Oxidatively Doped Polymers with Sodium Borohydride and Lewis Bases <u>Modala Ramusagar</u> , <u>Masilamani Shanmugaraja</u> , and <u>Mariappan Periasamy</u> *
PP26	Oxidative Coupling of Bi-2-naphthol derivatives using I ₂ /O ₂ Reagent System <u>Eagala Ramesh</u> , <u>Modala Ramusagar</u> , and <u>Mariappan Periasamy</u> *
PP27	Synthesis of propargylamines and allenes using aldehydes (or) α,β -unsaturated ketones, amines and 1-alkynes <u>Bantu Udaykumar</u> and <u>Mariappan Periasamy</u> *
PP28	A Fully Reduced Functional Polyoxovanadate Capsule: Aerial CO ₂ Fixation, Its Exclusion in a Gas-Solid Reaction and Efficient Proton Conduction <u>Sateesh Mulkapuri</u> , <u>Sathish K. Kurapati</u> , <u>Subhabrata Mukhopadhyay</u> and <u>Samar K. Das</u> *
PP29	Monosubstituted 2,2'-Bipyridine Asymmetric Ruthenium(II)-Arene Complexes: Synthesis, Characterization, Optical and Electrochemical Properties <u>Ramakrishna Bodapati</u> , <u>Chakradhari Sahoo</u> and <u>Samar K. Das</u> *
PP30	Ground and Excited State Interactions of a Psoralen Derivative with G-Quadruplex DNA: <u>Sneha Paul</u> and <u>Anunay Samanta</u> *
PP31	Cobalt tetracarboxyphenylporphyrin encapsulated in the ZIF-8 framework: Simultaneous electrocatalytic water oxidation and oxygen reduction <u>Subhabrata Mukhopadhyay</u> , <u>Olivia Basu</u> , <u>Samar K. Das</u> *

PP32	Synthesis of UIO-66 type MOF with Highest MOF based Proton Conductivity: Effect of Length of Dangling Side Arm on Proton Conduction <u>Subhabrata Mukhopadhyay</u> , Joyashish Debgupta, Chandani Singh and Samar K Das*
PP33	Organo-antimony oxo clusters as pro-ligands Led to novel lanthanide molecular aggregates. Uppara Ugandhar, <u>Junaid Ali</u> , Viswanathan Baskar*, Floriana Tuna
PP34	ConA active thermo responsive glycol block copolymer synthesis on SINP <i>via</i> RAFT polymerization <u>Nilanjan Mukherjee</u> , Moumita Dhara Giri, Tushar Jana*
PP35	Photoinduced Hole Transfer Dynamics from Perovskite Nanocrystals (CsPbX ₃ : X=Br, I) to 1-Aminopyrene as Molecular Acceptor <u>Apurba De</u> , Navendu Mondal and Anunay Samanta*
PP36	Effect of Hydrocarbon Chain Length and Hydroxyl Group Positioning at Hydrogen Bond Donor on the Rotational and Translational Dynamics of Solutes in Alcohol Based Deep Eutectic Solvents <u>Sk Saddam Hossain</u> and Anunay Samanta
PP37	Phosphorus containing polymers and their nanocomposites for high refractive index property <u>K.O. Anjana</u> and K. Muralidharan*
PP38	Outstanding Photoluminescence Enhancement of CsPbX ₃ (X=Cl, Br, I) Perovskite Nanocrystals by Post-Synthetic Treatment with Tetrafluoroborate Salts <u>Tasnim Ahmed</u> , Sudipta Seth and Anunay Samanta*
PP39	Study of Polymer Induced Aggregation in Drug Molecules using Molecular Dynamics Simulation Techniques <u>Shyam S</u> and Manju Sharma*
PP40	Light emitting heteroleptic rhenium complexes <u>Isha Mishra</u> , P. Rajakannu and M. Sathiyendiran*
PP41	Triple-heterostranded helicates to double-homostandered helicates <u>K R Soumya</u> , R.Arumugam and Malaichamy Sathiyendiran*
PP42	Rhenium(I) based irregular pentagonal-shaped metallocavitands <u>Mamina Bhol</u> , Bhaskaran Shankar and Malaichamy Sathiyendiran*
PP43	Prediction of Selective promoters for CH ₄ – CO ₂ exchange in Natural Gas Hydrates <u>Surya Sekhar Manna</u> and Manju Sharma*
PP44	Synthesis and characterisation of Sulfonated Polybenzimidazole homopolymer for High temperature PEMFC <u>Suchismita Subhadarshini</u> and Tushar Jana*
PP45	Room Temperature Synthesis of Surfactant Free Metal Chalcogenides Microparticles Consisting of Nano Size Crystallites <u>Venkateswara Rao Velpuri</u> , Sanyasinaidu Gottapu, Krishnamurthi Muralidharan*
PP46	A Novel Approach towards the synthesis of Push Pull Adj-β-Tetrachlorotetraethylporphyrin <u>Jodukathula Nagamaiah</u> , Pradeepta Kumar Panda*
PP47	One Pot HMDS-Assisted Synthesis of CdS Decorated CuS Microflowers for Photocatalytic Activity <u>Manzoor Ahmad</u> , <u>Pandit</u> , Billakanti Srinivas and K. Muralidharan*
PP48	Multi-state multi-mode vibronic dynamics of Pentafluorobenzene <u>Arun Kumar Kanakati</u> , Rudraditya Sarkar and S.Mahapatra

PP49	Highly Regioselective synthesis of oxindolyl-pyrroles via a one-pot, sequential Meyer-Schuster rearrangement, anti-Michael addition, aza-cyclization <u>Srinivasarao Yaragorla</u> ,* <u>Ravikrishna Dada</u> , <u>Rajesh Pallava</u> and <u>Manju Sharma</u>
PP50	Regioselective Synthesis of 1,4 & 1,5-Enynes through a Ca(II) catalyzed Cross-Dehydrative-Coupling of styrenes and propargyl alcohols <u>Srinivasarao Yaragorla</u> ,* <u>Ravikrishna Dada</u> , <u>Abhishek Pareek</u>
PP51	A Machine Learning Approach to Fragment-Based Method in Drug Designing <u>Srinivasrao Mande</u> and <u>K. V. Jovan Jose</u> *
PP52	A Revisit on the Theoretical Approaches to Explore Organic Reaction Mechanisms <u>D. Praveen</u> and <u>K. V. Jovan Jose</u> *
PP53	Analyses of Zika-helicase structural stability in the presence of ATP, RNA and inhibitor by molecular dynamic simulations <u>D Laxman</u> and <u>Lalitha Guruprasad</u> *
PP54	Dinuclear uranyl(VI) complexes with chiral tridentate ligands: Syntheses, properties, structures and catecholase activities <u>Sabari Ghosh</u> and <u>Samudranil Pal</u> *
PP55	Synthesis of β -Carboline alkaloid Nitramarine and its analogues <u>Irfan Wazir</u> and <u>Rajagopal Nagarajan</u> *
PP56	Structural & Conformational Analysis of TAM- RTK's with Cabozantinib <u>G. K. R. S. Naresh</u> , <u>Lalitha Guruprasad</u>
PP57	“Green Chemistry - An Option today, but a necessity tomorrow” <u>Shivani Singh</u> (17CHMS19)

All oral presenters have to present posters in order to be issued participation certificate and evaluated for best oral presentation awards.