

### List of accepted posters for presentation in the 14<sup>th</sup> CRSI-NSC symposium

<sup>a</sup>The numbers indicated are not the final poster numbers. <sup>b</sup>Those who have not indicated presenting author(s) in the poster please provide us details of presenting author(s). <sup>c</sup>If your poster is missing and if you have not received any letter of reason please write to us.

No.	Authors	Title	Institute	Email
1	Suban K Sahoo	Quantum chemical studies on the molecular structure and tautomerism of vitamin B <sub>6</sub> analogs	Department of Applied Chemistry, SV National Institute of Technology (SVNIT), Surat-, Gujrat,	suban_sahoo@rediffmail.com
2	K. Muthu <sup>1</sup> , V. Meenatchi <sup>1</sup> , M. Rajasekar <sup>1</sup> , G. Bhagavannarayana <sup>2</sup> and SP. Meenakshisundaram <sup>1</sup>	Growth, crystalline perfection and characterization of benzophenone oxime crystals	<sup>1</sup> Department of Chemistry, Annamalai University, Annamalainagar-608 002, Tamilnadu, <sup>2</sup> National Physical Laboratory (CSIR), New Delhi	aumats2009@gmail.com
3	P. Ajmal Koya*	Conductometric and fluorimetric studies on the aggregation and thermodynamic parameters of bis(tetradecyldimethylammonium)butane dibromide gemini surfactant in the presence of 1,4-dioxane	Department of Chemistry, National Institute of Technology, Mizoram-796012	ajmalkoya@gmail.com
4	Basavaprabhu <sup>a</sup> , N. Narendra <sup>b</sup> , V. V. Sureshbabu	Direct synthesis of guanidinopeptides, N-hydroxyguanidines, aminoguanidines and terminal guanidines from N-Urethane protected and amino ester derived isothiocyanates	Peptide Research Laboratory, Department of Studies in Chemistry, Central College Campus, Dr. B. R. Ambedkar Veedhi, Bangalore University: Bangalore <sup>b</sup> Department of chemistry, Government Science College, Tumkur University: Tumkur –	sureshbabuvomminare@gmail.com; narendracchem@gmail.com
5	Mohd Rashid, Lutfullah and N.Rahman	Synthesis, characterization and analytical applications of a composite cation exchanger: zirconium (IV) sulphosalicyloiodate	Department of Chemistry, Aligarh Muslim University, Aligarh-202002, Uttar Pradesh, India	lutfullah05@gmail.com
6	Manab Chakravarty <sup>a,b</sup> , Sylvie Pailloux <sup>a</sup> , Eileen N. Duesler <sup>a</sup> , Robert T. Paine <sup>a</sup>	Synthesis of Multifunctional Pyridine Based Phosphorus Compounds Used as Potential Chelators for Heavy Metal Ions	<sup>a</sup> Department of Chemistry and Chemical Biology, University of New Mexico, Albuquerque, NM 87131, USA; <sup>b</sup> Current address: Department of Chemistry, Birla Institute of Technology and Sciences Pilani- Hyderabad Campus, Hyderabad	
7	S. Catherine Eadit <sup>1</sup> , S. Shobana <sup>1</sup> , S. Bestsy Bai <sup>1</sup> , K. Natesan <sup>1*</sup> and J.	Synthesis, Spectral Characterization and Biological Activities of Novel Azo-group containing Schiff base and its	<sup>1</sup> Department of Chemistry and Research Centre, South Travancore Hindu College, Nagercoil -, Tamil Nadu	kumareshnatesan@yahoo.co.in,

	Dharmaraja <sup>2</sup>	Metal Complexes	<sup>2</sup> Division of Chemistry, Faculty of Science and Humanities, Sree Sowdambika College of Engineering, Chettikurichi, Aruppukottai –, Tamil Nadu	m.prakash24@yahoo.in
8	<u>S. Shobana</u> <sup>1</sup> , T. Chockalingam Pillai <sup>1</sup> , K. Natesan <sup>1</sup> , J.Dharmaraja <sup>2*</sup> and S. Selvaraj	N <sub>3</sub> O Type Mixed ligand complexes of Salicylaldehyde-p-toluidine with o-phenylenediamine: Synthesis, Physico-chemical Characterization and Biological Studies	<sup>1</sup> Department of Chemistry and Research Centre, South Travancore Hindu College, Nagercoil , Tamil Nadu <sup>2</sup> Division of Chemistry, Faculty of Science and Humanities, Sree Sowdambika College of Engineering, Chettikurichi, Aruppukottai –Tamil Nadu.	kumareshnatesan@yahoo.co.in, m.prakash24@yahoo.in
9	N. Raman*, K.Pothiraj and T. Baskaran	Synthesis, characterization and biological activity of metal complexes incorporating tetradentate n <sub>2</sub> O <sub>2</sub> ligand as potential biocidal agents	Research Department of Chemistry, VHNSN College, Virudhunagar-626001, India	
10	Perumal Rajakumar* and Chinnadurai Satheshkumar	Synthesis, characterization and photophysical properties of phenothiazine-triazole based dendrimers	Department of Organic Chemistry, University of Madras, Maraimalai Campus (Guindy), Chennai 25, Tamil Nadu	
11	<u>Raju Karmakar</u> and Dipakranjan Mal*	Studies towards the total synthesis of chlorocyclinones, a chlorinated angucyclinone via Hauser annulation	Department of Chemistry, Indian Institute of Technology, Kharagpur 721 302, India	
12	Gunin Saikia and Parameswar Krishnan Iyer	A dual sensing neutral conjugated polymer fluorescent probe for detection of copper(ii) and fluoride ions in water	Department of Chemistry, Indian Institute of Technology Guwahati-. Assam.	
13	<u>Vishnu Basetti</u> , Rangarao Pallepati, Vijay Potluri	A facile one pot synthesis of benzo-pyrimidonaphthyridines	Discovery Chemistry, Aurigene Discovery Technologies Ltd Bollaram Road, Miyapur, Hyderabad-	Vishnu_b@aurigene.com
14	Preeti Saluja, <sup>a</sup> Navneet Kaur, <sup>b</sup> Narinder Singh, <sup>a,*</sup> Doo Ok Jang <sup>c</sup>	Simultaneous estimation of two metal ions by imine linked chemosensor using two spectroscopic techniques	<sup>a</sup> Department of Chemistry, Indian Institute of Technology Ropar, Rupnagar, Panjab <sup>b</sup> Centre for Nanoscience & Nanotechnology, Panjab University, Chandigarh, Panjab <sup>c</sup> Department of Chemistry, Yonsei University, Wonju, 220-710, Korea	
15	<u>Avijit Jana</u> , Sanghamitra Atta and N. D. Pradeep Singh	Acridine-9-yl methanol performs both as an environment-sensitive fluorophore and fluorescent photoremovable protecting group	Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur-721302, India	avijit_jana@iitkgpernet.in
16	<u>Sarifuddin Gazi</u> and Rajakumar	Photolysis of dihydropyridine under the visible light using	Department of Chemistry, Indian Institute of Technology,	raja.iitchem@yahoo

	Ananthakrishnan	[Ru(bpy) <sub>3</sub> ] <sup>2+</sup> as photocatalyst	Kharagpur	.com
17	<u>Elango Kandasamy*</u>	Facile Synthesis of N-Methylimidazolium Tetrachloroaluminate and Application in Organic Transformation	Department of Chemistry, VEL TECH Dr.RR & Dr.SR Technical University, Chennai, India	elangoomc@gmail.com
18	<u>A. Antony Muthu Prabhu</u> , R.K. Sankaranarayanan, S. Siva, G. Venkatesh and N. Rajendiran*	Photophysical behavior of propyl paraben in micellar assembly	Department of Chemistry, Annamalai University, Annamalai nagar– 608 002.	drrajendiran@rediffmail.com
19	S. Mayadevi <sup>a</sup> , Preetha G. Prasad <sup>b</sup> , K. K. Mohammed Yusuff	Zeolite Y Encapsulated Chiral Ni(II) complex as a Promising Green Catalyst for the Asymmetric Epoxidation of Styrene	a) Asst. Professor, Dept of Chemistry, NSS College of Engineering, Palakkad-8; b) Asst Professor, Dept. of Chemistry, Sree Budha College of Engineering, Nooranad; c) Emeritus Professor, Dept. of Applied Chemistry Cochin University of Science & Technology, Cochin-682022	
20	<u>K. Vignesh</u> <sup>a</sup> , A. Suganthi <sup>a*</sup> , M. Rajarajan <sup>b*</sup> , R. Sakthivadivel	Photodecolorization of eosin-Y in aqueous solution using hesperidin modified tio <sub>2</sub> nanoparticles under visible light irradiation	<sup>a</sup> P.G. & Research Department of Chemistry, Thiagarajar College, Madurai, Tamilnadu, <sup>b</sup> Department of Chemistry, C.P.A College, Bodinayakanur, Theni, Tamilnadu,	suganthitcarts@gmail.com
21	<u>R. Satheesh</u> <sup>a</sup> , M. Rajarajan <sup>b*</sup> , A. Suganthi <sup>a</sup>	Preparation, Characterization and Photocatalytic Applications of Transition metal (M = Cu, Ni and Co) doped α-Fe <sub>2</sub> O <sub>3</sub> Nanoparticles	<sup>a</sup> P.G. & Research Department of Chemistry, Thiagarajar College, Madurai, Tamilnadu, <sup>b</sup> Department of Chemistry, C.P.A College, Bodinayakanur, Theni, Tamilnadu,	rajarajan_1962@yahoo.com
22	Shashikant Kahu, Madhavi Lalke, Kaveri Shanti, A. K. Gupta	Geometry Assignment of Phosphorus Containing Unusual Marine Fish Toxin and its Analogues	Defence Research and Development Establishment, DRDO Complex, Civil Lines, Nagpur-440001	ak56gupta@rediffmail.com
23	Satinath Sarkar, Kandikonda Rajendar, Srinivas Tiwari and Tadigoppula Narender	Synthesis of Biaryls via alcl <sub>3</sub> Catalyzed Domino Reaction Involving Cyclisation, Dehydration and Oxidation	Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow-226001, U.P., India	
24	Biswajit Panda and Tarun K Sarkar	Gold catalyzed ketalization of alkynes: a facile synthesis of alboatrin and xyloketal natural products	Department of Chemistry, Indian Institute of Technology, Kharagpur-	tksr@chem.iitkgpernet.in
25	M. A. Siyad and G.S. Vinod Kumar	Poly(oxyether) grafted poly(O-benzylether) dendrimer resins	Chemical Biology Lab, Molecular Medicine Division, Rajiv Gandhi	

		for solid phase organic reactions: Synthesis, characterization and assessment towards solid phase peptide synthesis.	Centre for Biotechnology, Poojappura, Thiruvananthapuram	
26	Manviri Rani, Rahul Kumar and Bina Gupta	Degradation of thiram in different matrices	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee -247667(U.K.) India	manvirir@gmail.com
27	Anjan Chattopadhyay	Predissociation of the heavier halonium ions through conical intersection along the symmetric stretching path	Department of Chemistry, BITS, Pilani-K.K.Birla Goa Campus NH 17B By Pass Road Zuarinagar 403726 Goa India	
28	K.R. Genwa* and C.P. Sagar	Carmine dye based photogalvanic cell: cost effective energy conversion for sustainable development	Department of Chemistry, Jai Narain Vyas University Jodhpur – 342005 (INDIA)	krg2004@rediffmail.com
29	<u>M. K. Dhinakaran</u> , and T. Mohan das	Studies on novel class of quinoline based triazole-bile acid glycoconjugates	Department of Organic Chemistry, University of Madras, Maraimalai (Guindy) Campus, Chennai 600 025	tmdas_72@yahoo.com
30	<u>M. Shanmugam</u> and V. Chidambaram	Design, synthesis, spectral characterization and biological evaluation Of s-Triazine based rigid mini dendrimers	Department of Chemistry, Annamalai University, Annamalai Nagar - *Chemistry Section, FEAT, Annamalai University, Annamalai Nagar -	shanmugam.chem84@gmail.com
31	L. P. Singh, M. Niraj Luwang, S. K. Srivastava	Synthesis, characterisation and photoluminescence of Tb <sup>3+</sup> doped zno nanomaterials	Department of Chemistry, Manipur University, Imphal-795003 (Manipur), INDIA	sksrivastava01@yahoo.co.in
32	<u>Rosmita Borthakur</u> , <u>Oinam Bijeta Chanu</u> , <u>Angira Koch</u> and R. A. Lal	Copper (ii) schiff base complexes derived from dihydrazone ligands as catalyst for the oxidation of alcohols with hydrogen peroxide	Department of Chemistry, North Eastern Hill University, Shillong-793022, Meghalaya, India	ralal@rediffmail.com
33	<u>Yuvaraj Dommaraju</u> , Dipak Prajapati	An efficient one pot four component synthesis of novel Pyranonaphthoquinones	Medicinal Chemistry Division, CSIR-North East Institute of Science & Technology, Jorhat-785006	
34	<u>A. Velavan</u> , <u>S. Sumathi*</u> and <u>K.K. Balasubramanian</u>	Me <sub>3</sub> Al mediated regioselective C <sub>3</sub> -Carbamoylation of indole using tertiary carbamoyl imidazole.	Department of Chemistry, Hindustan Institute of Technology and Science, Padur, Chennai	kkbalu@hotmail.com & sumathisrajan@rediffmail.com
35	<u>Rama Kanwar Khangarot</u> and <u>Krishna P. Kaliappan</u>	An Efficient Stereoselective Synthesis of β-Lactams and Aza-C-Aryl Glycosides from Sugar-Derived Cyclic Nitrones	Department of Chemistry, Indian Institute of Technology Bombay, Mumbai 400076, India	kpk@chem.iitb.ac.in
36	R. Velmurugan,	Palladium loaded tio <sub>2</sub> -SO <sub>4</sub> <sup>2-</sup>	Department of Chemistry,	chemres5

	K.Selvam, B.Krishnakumar, S.Balachandaran and M. Swaminathan*	Nanoparticles for the Photodegradation of Reactive Red 120 dye under Day Light Illumination	Annamalai University, Annamalainagar 608 002, India	O@gmail.c om
37	<u>Sankha Pattanayak</u> , Bappaditya Nandi and Surajit Sinha	Cationic Morpholino Oligomers: Synthesis and Cellular Transfection Study	Department of Organic Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700 032, India	
38	Rajib Bhuniya, Nandan Jana and Samik Nanda	Enantiomeric scaffolding of $\alpha$ - tetralone and related scaffolds by EKR (Enzymatic Kinetic Resolution) and stereoselective ketoreduction with ketoreductases	Department of chemistry, Indian Institute of Technology, Kharagpur, India	
39	P. Muthukumar, M. Amal Raj and S.A. John	Kinetics and thermodynamics of meso-tetra(4- aminophenyl)porphyrinatocobal t(II) chemisorption on glassy carbon surface	Department of Chemistry, Gandhigram Rural Institute Gandhigram, Dindigul – 634 302, Tamilnadu, India	abrajohn @yahoo.c o.in
40	<u>Subrata Manda</u> <sup>#</sup> , Rabia Ahmad <sup>@</sup> , Helen Betts <sup>@</sup> , Craig Bohlken <sup>@</sup> , Jane Brown <sup>@</sup> , Chitralkha <sup>#</sup> , Rebecca Davis <sup>@</sup> , Benedicte Guilbert <sup>@</sup> , Ella Hirani <sup>@</sup> , Jinto Jose <sup>#</sup> , Rochelle Lear <sup>@</sup> , , Ian Newington <sup>@</sup> , Stuart Plant <sup>@</sup> , Ed Robins <sup>@</sup> , Gareth Smith <sup>@</sup> , Duncan Wynn <sup>@</sup> & Duncan Hiscock <sup>@*</sup>	Design, Synthesis & Evaluation of Agonist and Partial Agonist PET Tracers to Target Activated 5-HT <sub>1a</sub> Receptors	Medical Diagnostics, GE Healthcare, John F Welch Technology Centre, Bangalore, India  @ Medical Diagnostics, GE Healthcare, The Grove Centre, White Lion Road, Amersham, UK	
41	<u>Abhijit Chatterjee</u> <sup>a</sup> , Md. Mehboob Alam <sup>b</sup>	Spectral identification of PETN: A theoretical approach	School of Chemical Sciences, University of Madras, Chennai Department of Chemistry, University of Calcutta, Kolkata	
42	<u>Rajeev P.V</u> <sup>*§</sup> & Rajendran S.P	One Pot Synthesis of Benzo[b][1,8]Naphthyridines – A Green Chemistry Approach	Department of Chemistry, Bharathiar University, Coimbatore, Tamilnadu <sup>§</sup> Department of Chemistry, Hindustan University, Chennai, Tamilnadu	
43	Sarita Garnayak	Oxidation of isoniazid by	Department of Chemistry,	sabitap@

	and Sabita Patel	lipophilic oxidant, cetyltrimethylammonium dichromate	National Institute of Technology, Rourkela-, Odisha,	nitrkl.ac.in
44	<u>Saswati</u> <sup>a</sup> , Rupam Dinda <sup>a</sup> , Ekkehard Sinn <sup>b</sup> , Xing Li <sup>c</sup> and Rama Acharyya	Vanadium(V) and molybdenum(VI) dioxo-thiosemicarbazone complexes: Synthesis, characterization and study of reactivity	<sup>a</sup> Department of Chemistry, National Institute of Technology, Rourkela-,Orissa, <sup>b</sup> Department of Chemistry, Western-Michigan-University, Kalamazoo, USA <sup>c</sup> Department of Materials Science & Chemical Engineering, Ningbo University Ningbo, Zhejiang, 315211, P. R. China	r_acharyya@yahoo.co.in
45	<u>Saravanan Gowrisankar</u> , Helfried Neumann, and Matthias Beller	Palladium-Catalyzed Oxidative Esterification of Alcohols	Leibniz-Institut für Katalyse e.V., Albert-Einstein-Strasse 29a, 18059 Rostock, Germany	saravanan.gowrisankar@catalysis.de
46	A. Satheshkumar, C.Balraj and Kuppanagounder P.Elango	Simple and selective colorimetric sensing of fluoride ions by thiourea based system with novel signaling unit	Department of Chemistry, Gandhigram Rural Institute (Deemed University), Gandhigram	
47	<u>C. Anitha</u> <sup>1</sup> , P. Tharmaraj <sup>1*</sup> , C.D. Sheela	Synthesis, characterization, biological and nlo studies of vo(ii), co(ii), ni(ii), cu(ii), zn(ii) complexes of azo schiff base ligand	<sup>1</sup> Department of Chemistry, Thiagarajar College, Madurai- <sup>2</sup> Department of Chemistry, The American College, Madurai	anitharaja.2007@gmail.com
48	Maheshkumar. J, A.Dhathathreyan	Supported lipid bilayers as platforms for preparation of nanoparticles of MnO <sub>2</sub>	Chemical Lab., CSIR-CLRI, Adyar, Chennai	
49	<u>S.Nagarajan</u> and A.Ponnuswamy	Impact of triphenylphosphine on the Chemoselectivity in thioamide synthesis	Department of Organic Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai, Tamilnadu,	ramradkrish@yahoo.co.in
50	<u>Paresh Nath Chatterjee</u> <sup>§</sup> , Arnab Kumar Maity <sup>§</sup> and Sujit Roy	Synergism & Bimetallic Catalysis: Enroute to C=O and C=N Bond Activation	Department of Chemistry, Indian Institute of Technology, Kharagpur, <sup>§</sup> School of Basic Sciences, Indian Institute of Technology, Bhubaneswar	sroychem@iitbbs.ac.insujitroy.chem@gmail.com
51	<u>K. Sakthivel</u> and K. Srinivasan	Iodine/water -mediated oxidation of o-alkynylareneketones to tricarbonyl compounds and its application to the synthesis of nitrogen heterocycles	School of Chemistry, Bharathidasan University, Tiruchirappalli-620 024, Tamil Nadu	srinivasank@bdu.ac.in
52	<u>Amita, Parul Garg</u> and Marilyn Daisy Milton	C-C bond forming reactions, N-Heterocyclic Carbenes (nhcs) in dual role: metal catalysis and organocatalysis	Department of Chemistry, University of Delhi, Delhi 110 007, India	mdmilton@chemistry.du.ac.in
53	G.Vignesh <sup>a</sup> , S.	Synthesis, Protein Binding and	<sup>a</sup> School of chemistry,	arunasurf

	Arunachalam <sup>a*</sup> , S.Vignesh <sup>b</sup> , R. Arthur James <sup>b</sup> , R. Arun <sup>c</sup> and K. Premkumar <sup>c</sup>	Biological Activities of Polymer-Cobalt(III)Complexes Containing Bidendate and Tridendate Ligands	<sup>b</sup> Department of Marine Science, <sup>c</sup> Department of Biomedical Science, Bharathidasan University, Tiruchirappalli -, Tamil Nadu	@yahoo.com
54	Varun Vij, Manoj Kumar	AIEE Active Hetero-oligophenylenes: A New Genre of Chemosensors	Department of Chemistry, Guru Nanak Dev University, Amritsar, Punjab-143005, INDIA	
55	Niranjan Panda,* Ashis Kumar Jena	Copper ferrite nanaoparticles for C-N, C-C and C-S cross-coupling reactions	Department of Chemistry, National Institute of Technology, Rourkela-, Odisha, India	npanda@nitrkl.ac.in
56	Mohammad Shahid, Priyanka Srivastava, Syed S. Razi, Rashid Ali and Arvind Misra	An Efficient FRET based Receptor for F <sup>-</sup> anion	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi –	arvindmisra2003@yahoo.com
57	Biswajit Sinha, Debankan Ghosh, K. C. Majumdar	Synthesis of potentially bioactive molecules by iodocyclization reactions	Department of Chemistry, University of Kalyani, Kalyani , W.B India	
58	<u>Ranjit De</u> , Chanchal Das, Ajaya Bhattarai and Bijan Das	Counterion Condensation Behavior of Sodium Polystyrenesulfonate in Ethylene Glycol-Water Mixed Solvent Media	Department of Chemistry, North Bengal University, Darjeeling	
59	Purabi Kar, Satish Samantaray, Braja Gopal Mishra	Chromium pillared clays and its modified analogues as efficient heterogenous catalyst for synthesis of xanthenes and dihydropyridines	Department of Chemistry, National Institute of Technology, Rourkela-, Orissa	brajam@nitrkl.ac.in
60	<u>Yogita Pareek</u> and M. Ravikanth	Multi-porphyrin and Multi-expandedporphyrin Assemblies on Cyclophosphazene Scaffolds	Department of chemistry, Indian Institute of Technology, Powai, Mumbai	ravikanth@chem.iitb.ac.in, yogita@chem.iitb.ac.in
61	Ms.A.J.Sunija <sup>1</sup> , Dr.S.Sivailango <sup>2</sup> and Dr.K.P.Vinod kumar	Bio-based polyurethane from renewable resources	1. Department of chemistry, University College of EngineeringNagercoil, Anna University of Technology Tirunelveli. 2. Department of chemistry, Anna University of Technology Tirunelveli. Tirunelveli. 3. Department of chemistry, Anna University of Technology Tirunelveli.Nagercoil,Tamil Nadu.	sunija_aj@yahoo.com ilango_ilango@rediffmail.com nanjilvino@rediffmail.com
62	<u>Uttam Kumar Das</u> and Manish Bhattacharjee	Synthesis of New Ruthenium Complexes and Their Catalytic Applications towards Selective C–O and C–N Bond Formation	Department of Chemistry, Indian institute of Technology, Kharagpur	
63	Suman	Characterization of synthetic Ni	Department of Chemistry, Faculty	kushwaha

	Kushwaha* and Lal Bahadur	(II)-xyleneol complex as a photosensitizer for wide-band gap ZnO semiconductor electrodes	Department of Chemistry, Banaras Hindu University, Varanasi	suman@gmail.com
64	Subhraseema Das and Usharani Subuddhi	Hydrogel based novel drug delivery systems	Department of Chemistry, National Institute of Technology, Rourkela-Odisha	subuddhi@nitrrkl.ac.in
65	M. M. Haque* ; A. Khan; N.A. Mir; K. Umar and M. Muner	Synthesis of second generation nano-doped semiconductor and its photocatalytic activity on the degradation of textile dye derivative bromothymol blue	Department of Chemistry, Aligarh Muslim University, Aligarh	drmmhaque@gmail.com
66	Ekambaram Balaraman and David Milstein	Challenging hydrogenation of CO <sub>2</sub> derivatives to methanol catalyzed by Ru(II) pincer complexes	Department of Organic Chemistry, The Weizmann Institute of Science, Rehovot 76100, Israel	balaramane2002@yahoo.com
67	Ahmad Asim, <sup>a</sup> Mohd Afzal, <sup>a</sup> Waddhaah M. Al Asbahy, <sup>a</sup> Vivek Bagchi, <sup>b</sup> Farukh Arjmand and Sartaj Tabassum <sup>a*</sup> .	Mixed-ligand copper(II) and zinc(II) complexes: synthesis, X-ray crystal structure, in vitro DNA binding, cleavage studies and antimicrobial activity	<sup>a</sup> Department of Chemistry, Aligarh Muslim University, Aligarh- <sup>b</sup> Department of Chemistry, University of Missouri, Rolla, MO-65409, USA	tsartaj62@yahoo.com.
68	Bimba Choubey and M. S. Balakrishna	Triazole Based phosphinite and phosphonite Ligands: Syntheses, Derivatization and Transition Metal Chemistry	Department of Chemistry, Indian Institute of Technology, Bombay Mumbai	krishna@chem.iitb.ac.in
69	Tapas Guchhait and Ganesan Mani	Dipyrrolylmethane-based macrocycles and macrobicycles: selective receptor for sulfate and fluoride ions	Department of Chemistry, Indian Institute of Technology, Kharagpur	gmani@chem.iitkgp.ernet.in
70	R.Kumaran <sup>*a</sup> N.Dheenadayalan <sup>b</sup> and R.Mythili	Photophysical studies of Gum Arabic in aqueous solution: Fluorescence spectral techniques as a tool in elucidating the origin of multi emissive peaks of Gum Arabic in a heterogeneous environment	<sup>a</sup> Department of Chemistry, D.G.Vaishnav College, Arumbakkam, Chennai <sup>b</sup> National Centre for Ultrafast Processes, University of Madras, Chennai	
71	Gunjan Rajput, Santosh K. Singh, Manoj K. Yadav, Vinod Kumar, Ajit N. Gupta, Vikram Singh, Kiran Diwan, M. G. B. Drew, Nanhai Singh*.	Syntheses, crystal structure, electrochemical and photoluminescent properties of organomercury xanthate complexes	Department of Chemistry, Banaras Hindu University, Varanasi	nsingh@bhu.ac.in nsinghbhu@gmail.com
72	Jitender M. Khurana,* Pooja Saluja, Komal Aggarwal	DBU: A highly efficient catalyst for one-pot synthesis of spirooxindole and spiroacenaphthylene derivatives	Department of Chemistry, University of Delhi, Delhi	jmkhurana1@yahoo.co.in



73	<u>Subrat Kumar Pattanayak</u> and Snehasis Chowdhuri	Effect of water on solvation structure and dynamics of ions in the peptide bond environment: Importance of hydrogen bonding and dynamics of the solvents	School of Basic Sciences, Indian Institute of Technology, Bhubaneswar	snehasis@iitbbs.ac.in
74	S.ARAVAMUDHAN	Visualizing a Cycloaddition by the Abinitio SCF Methods; a Case Study of Finding Rationale of a Fictitious "Spin bookkeeping" Structure to Simulate NMR spectra.	Department of Chemistry North Eastern Hill University NEHU Campus Shillong 793022 Meghalaya	
75	<u>Ujjal Gogoi</u> and Ashwini K. Phukan	Nature of Intramolecular Metal-Metal Interactions in Supported Group 4-Group 9 and Group 6-Group 9 Heterobimetallic Complexes: A Combined Density Functional Theory and Topological Study	Department of Chemical Sciences, Tezpur University, Napaam 784028, Assam	
76	<u>Monmi Saikia</u> , <sup>a</sup> Pankaj Saikia, <sup>a</sup> Sanjay Basumatary, <sup>a</sup> Biju Majumder, <sup>a</sup> Dibakar C. Deka, <sup>a</sup> Jadab C. Sarma.* <sup>b</sup>	Iodine-Alumina Catalyzed Aza-Michael Addition under Solvent Free Conditions	<sup>a</sup> .Department of Chemistry, Gauhati University, Guwahati- <sup>b</sup> CSIR-North-East Institute of Science and Technology, Jorhat	sarmajc@rrljorhat.res.in
77	<u>Anindita Das</u> and Suhrit Ghosh	A Generalised Supramolecular Design for Self-sorted Assembly of Donor and Acceptor Organogelators	Polymer Science Unit, Indian Association for the Cultivation of Science, Kolkata	psusg2@iacs.res.in
78	<u>Nidhin M,</u> Sangeetha S, Usha R, Sreeram KJ* and Balachandran Unni Nair	Stabilization of collagen by metal oxide based nanostructures	Laboratory, Central Leather Research Institute, Chennai	kjsreeram@clri.res.in
79	Anindita Sikdar, Swapnadip Roy and Sujit S. Panja	Simultaneous detection of Cu <sup>2+</sup> and Fe <sup>3+</sup> ions using a single Rhodamine-based chemosensor	Dept. of Chemistry, National Institute of Technology Durgapur, WB, India	sujit.panja@gmail.com
80	Alok Dutta, Sujit Sankar Panja, M. M. Nandi and Dipankar Sukul	Correlation study between structure and corrosion inhibition efficiency by Benzimidazole derivatives	Department of Chemistry, National Institute of Technology Durgapur, West Bengal	dipankar.sukul@gmail.com
81	Pranita Das, Priyanka Barua, Kajal Dutta, Anjumani Talukdar, Dibakar C. Deka	Microwave-assisted Lithium Hydroxide catalyzed Michael addition of malonate to $\alpha,\beta$ -unsaturated system- An environmentally benign protocol	Department of Chemistry, Gauhati University, Guwahati	dcdeka@rediffmail.com
82	Veerabhadraiah Palakollu, Jagadish	Excited state behavior of donor/acceptor substituted	Department of Chemistry, Indian Institute of Technology,	

	Katla, Sriram Kanvah	diphenylbutadienes: Effect of Nitro group	Gandhinagar VGEC Campus, Chandkheda, Ahmedabad	
83	<u>Khatija Tabbasum</u> , Rakesh Kumar Pathak and Chebrolu Pulla Rao	Zn <sup>2+</sup> complex of calixarene conjugate for selective recognition of cysteine and as model system for metal delivery proteins	Department of Chemistry Indian Institute of Technology Bombay	khatija@chem.iitb.ac.in
84	Rajani Dewan, Deepak Ekka, Gargi Ghosh, Palash Chakraborti and Mahendra Nath Roy*	Physico-Chemical Studies of Lithium Salts in Non-Aqueous Solvents for the Upgradation of Lithium Ion-Battery	Department of Chemistry, North Bengal University, Darjeeling	mahendra roy2002@yahoo.co.in
85	T. M. Potewar, and Maria Teresa Barros	Synthesis of new methacrylamide monomer from amino sucrose	REQUIMTE, CQFB, Departamento de Química, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, 2829-516 Caparica, Portugal	potewar@gmail.com
86	Ruchi Gaur, Priti Sinha and Lallan Mishra	Copper 2,2' bipyridyl complexes of some substituted chalcones and terpyridyls as catalyst in nitroaldol condensation	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi	
87	A Mahesh, Anupam Bhattacharya	Synthetic route to novel 3H-pyrrolo-[2, 3-c]quinoline derivatives as potential anti-malarial agents	Department of Chemistry, Birla Institute of Technology Science Pilani-Hyderabad Campus, Hyderabad	
88	A.R. Parveen and S. Nagarajan	Synthesis, optical and electrical properties of novel alkyl substituted fulleropyrrolidines	Department of Chemistry, Annamalai University, Annamalainagar	nagarajan.au@gmail.com
89	Ivy Kanungo, Reshme Manikoth, N Nishad Fathima, J Raghava Rao*, B U Nair	Hydration behavior of Collagen-Guar Gum Scaffolds: An Impedance and thermoporometric studies	Chemical Laboratory, CSIR-CLRI, Adyar, Chennai	
90	<u>Mandeep Kaur</u> , Paramjit Kaur* and Kamaljit Singh	Ferrocenyl "Push-Pull" Chromophores with Tailorable and Switchable Second-Order Non-Linear Optical Response	Dept. of Chemistry, Guru Nanak Dev University, Amritsar	paramjit19in@yahoo.com
91	<u>Natrayasamy Viswanathan</u> <sup>a*</sup> , C. Sairam Sundaram <sup>b</sup> , S. Meenakshi	Development of biocomposite and its utilization for fluoride removal	<sup>a</sup> Department of Chemistry, Anna University of Technology Madurai, Dindigul Campus, Dindigul - Tamilnadu, <sup>b</sup> Department of Science and Humanities, Karaikal Polytechnic College, Puducherry, India <sup>c</sup> Department of Chemistry, Gandhigram Rural University,	drnviswanathan@gmail.com

			Gandhigram- Tamilnadu	
92	<u>Sandeep Singh</u> , Udai P. Singh	Syntheses, Structural and Physical Properties of Some Transition Metal Organic Frameworks (mofs)	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee	sandeept r8@gmail. com
93	<u>Bidyut Akhuli</u> , I. Ravikumar and Pradyut Ghosh	Carbonate Capsules of Pentafluorophenyl Functionalized Tris-urea Receptor as a Superior Liquid-Liquid Sulphate Extractant	Department of Inorganic Chemistry, Indian association for the Cultivation of Science, 2A & 2B Raja S C Mullick Road, Jadavpur, Kolkata	
94	<u>Nidhi Goel</u> , Udai P. Singh, A. K. Singh	Syntheses, Structural and Thermal Analysis of Some Lanthanide (III) Complexes	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee	nidhigoel.i itr@gmail. com
95	<u>Partha Sarathi Addy</u> , Sansa Dutta, Kumar Biradha* and Amit Basak*	A Facile Garratt-Braverman Cyclization Route to DNA Intercalative Bis-quinones	Department of Chemistry, Indian Institute of Technology Kharagpur	
96	<u>Sanjoy Saha</u> , Dhiraj Brahman and Biswajit Sinha	Synthesis, characterization, and antibacterial activities of zinc(II) and cadmium(II) complexes of quinazoline-4(3H)-one Schiff base	Department of Chemistry, University of North Bengal, Darjeeling	
97	Sayanti Brahmachari, Dibyendu Das, Anshupriya Shome and Prasanta K Das	SWNT-amphiphile hybrids as functional vehicles	Department of Biological Chemistry, Indian Association for the Cultivation of Science, Jadvapur, Kolkata	bcsb3@ia cs.res.in
98	<u>Tulika Ghosh</u> , Samudranil Pal	Synthesis, characterisation and structural studies on Ce(IV) and Gd(III) complexes with biacetyl bis(benzoylhydrazone)	School of Chemistry, University of Hyderabad, Hyderabad	ch06ph11 @uohyd.e rnet.in
99	Zeena S. Pillai <sup>a</sup> , <u>Greeshma M.A.</u> <sup>a</sup> ,Pradeep N.S. <sup>b</sup> , Beena Joy	Synthesis & antibacterial Screening of Novel Derivatives of 2, 5-dihydroxy-3-undecyl-1, 4-benzoquinone	<sup>a</sup> -Department of Chemistry, School of Arts and Sciences, Amrita Viswa Vidyapeetham, Amritapuri, <sup>b</sup> -Molecular Phylogenetics Lab, Plant Systematics & Evolutionary Science Division Tropical Botanic Garden & Research Institute, Palode, Kerala, India <sup>c</sup> -Agroprocessing and Natural Product Division, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala	
100	<u>Preety Dixit</u> <sup>a</sup> , Mohd Parvez Khan <sup>b</sup> , N. Chattopadhyay <sup>b</sup> ,	Osteogenic constituents from Pterospermum acerifolium Willd. Flowers	<sup>a</sup> Medicinal and Process Chemistry Division, <sup>b</sup> Division of Endocrinology CSIR-Central Drug Research	

	Rakesh Maurya		Institute, Lucknow	
101	<u>Sayantana Paria</u> and Tapan Kanti Paine	Dioxygen Activation by Biomimetic Iron(II)- $\alpha$ -Hydroxy Acid Complexes: Evidence for an Iron(IV)-oxo-hydroxo Oxidant from O <sub>2</sub>	Department of Inorganic Chemistry, Indian Association for the Cultivation of Science (IACS), 2A & 2B Raja S. C. Mullick Road, Jadavpur, Kolkata	ictkp@iacs.res.in
102	Surajit Konwer <sup>1*</sup> , and Swapan K Dolui	Synthesis of conducting polypyrrole/graphene oxide nanocomposites and study of their supercapacitor behaviour	<sup>1</sup> Department of Chemistry, Gargaon College, Assam <sup>2</sup> Department of Chemical Sciences, Tezpur University, Napaam, Assam	ksurajit27@gmail.com
103	<u>Shreemoyee Bordoloi</u> and Robin K. Dutta	Removal of Iron and Arsenic by banana ash, carbonate and bicarbonate salts of sodium and potassium	Department of Chemical Sciences, Tezpur University, Napaam, Assam	shreebordoloi@gmail.com
104	<u>Renjith B<sup>a</sup></u> , Somnath Bhowmick <sup>a</sup> , Manoj K. Mishra <sup>b</sup> , and Manabendra Sarma	Dissociative Electron attachment to 2'-deoxycytidine-3'-monophosphate	<sup>a</sup> Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, <sup>b</sup> Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai	
105	<u>Sagarika Pasayat<sup>a</sup></u> , Subhashree P. Dash <sup>a</sup> , M. Nethaji <sup>b</sup> , Yogesh P. Patil <sup>b</sup> , Ekkehard Sinn <sup>c</sup> and Rupam Dinda <sup>a,*</sup>	Dioxomolybdenum(VI) complexes of isonicotinoyl hydrazide derivatives: Synthesis, characterizations and antibacterial activity	<sup>a</sup> Department of Chemistry, National Institute of Technology, Rourkela-, Orissa, <sup>b</sup> Department of Inorganic and Physical Chemistry, IISc., Bangalore -560 012, India. <sup>c</sup> Department of Chemistry, Western-Michigan-University, Kalamazoo, MI 49008, USA	rupamdinda@nitrrkl.ac.in
106	<u>Rabindranath Lo</u> and Bishwajit Ganguly*	A Computational Study Toward the Design of New Class of Organic Superbases involving Intramolecular Non-bonded Interactions	Analytical Science Discipline, Central Salt & Marine Chemicals Research Institute (Council of Scientific and Industrial Research), Bhavnagar-, Gujarat	rabindralo@csmcrici.org.
107	Ram Lakhan Prasad*, Anita Kushwaha, Deepshikha Singh and Sweta	Synthesis and characterization of Closed Shell Neutral Pure Organic Metal	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi	rlpjc@yahoo.co.in
108	<u>Kuppusamy Kanagaraj</u> and Kasi Pitchumani	Per-6-amino- $\beta$ -cyclodextrin as a Remarkable Base Catalyst and a Chiral Host for the Synthesis of 2-aryl-2,3-dihydroquinolin-4(1H)-ones	School of Chemistry, Madurai Kamaraj University, Madurai-625021, Tamil Nadu	pit12399@yahoo.com
109	<u>G.Raja<sup>a,*</sup></u> , K.Saravanan <sup>b</sup> and S.Sivakumar	Structural investigation on pharmaceutical intermediate : O-Chlorobenzoyl Chloride	<sup>a</sup> Department of Chemistry, Paavai Engineering College, Namakkal- <sup>b</sup> Department of Chemistry, Thiruvalluvar Govt. Arts College, Rasipuram-	genuineraja@gmail.com

			<sup>c</sup> Department of Physics, Arignar Anna Govt. Arts College, Attur	
110	Pradyut Sarma, Ganesh Das, Ansuman Gogoi and Okhil K. Medhi	Kinetic Study of the Interaction of Phenolate Substrates with Ferric Complexes Encapsulated in Aqueous Surfactant Micelle	Department of Chemistry, Gauhati University, Guwahati-781014 Assam	
111	D. Azhagan and S. Muthusamy	Ring opening reaction of furan with high regio- and diastereo-selectivity via controlled addition of isatin-derived diazoamides	School of Chemistry, Bharathidasan University, Tiruchirappalli	muthu@bdu.ac.in
112	Dhrubajyoti Talukdar, Ashim Jyoti Thakur	Zirconyl Chloride: A Green Catalyst for the synthesis of N-methylamides	Department of Chemical Sciences Tezpur University, Napaam	ashim@tezu.ernet.in
113	Binoy K Saikia *, Bimala P Baruah, Prasenjit Saikia	Micro-analysis of some inorganic constituents in Assam Coal by CCSEM technique	Coal Chemistry Division CSIR-North East Institute of Science & Technology, Jorhat	bksaikia@gmail.com
114	Raihana Begum and Arun Chattopadhyay	Tuning the photoluminescence of quantum dots by chemical means	Department of Chemistry, Indian Institute of Technology Guwahati Guwahati- Assam	
115	Rampal Pandey, Rakesh Kumar Gupta, Amit Kumar and Daya Shankar Pandey	Synthesis and Characterization of Electroactive Ferrocene Derivatives: Ferrocenyl-imidazoquinazoline as Multichannel Chemosensor Selectively for Hg <sup>2+</sup> and Pb <sup>2+</sup> Ions in Aqueous Environment	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi	
116	Pradip C. Paul*, Harun A. R. Pramanik, Rajib Medhi, Chira R. Bhattacharjee, Paritosh Mondal	Synthesis, spectral and antimicrobial studies of mixed ligand iron(III) complex with tetradentate [N <sub>2</sub> O <sub>2</sub> ] donor ligand	Department of Chemistry, Assam University, Silchar, Silchar 788011, Assam	
117	Rema B. Devi*, Michèle De Paolis	Domino alkylation/oxa-Michael of 1,3-cyclohexanediones: Steering the C/O-chemoselectivity to reach tetrahydrobenzofuranones	Laboratoire des Fonctions Azotées et Oxygénées Complexes de l'IRCOF, CNRS UMR 6014 & FR 3038, Université de Rouen, Mont Saint-Aignan, 76130, France	
118	Jupitara das, P.J.Das	Secondary amine based ionic liquids as catalyst for the synthesis of Bisindolylmethanes	Department of Chemistry, Gauhati University, Guwahati	pjd123@sify.com
119	Sasmita Mishra, Vijayalakshmi Tirkey, Saurav Chatterjee	Synthesis and reactivity of $\sigma^5$ -C <sub>5</sub> H <sub>5</sub> based organometallic compounds and their biological studies.	Department of Chemistry, National Institute of Technology Rourkela, Rourkela	susy.mishra@gmail.com, saurav@nitrkl.ac.in
120	Pradip Ghosh, Suman Kr. Roy	Steric control valence tautomerization in cobalt	Department of Inorganic Chemistry,	icsg@iacs.res.in

	and Sreebrata Goswami	complexes of 2-(arylo)azopyridine	Indian Association for the Cultivation of Science, Kolkata	
121	Satyen Saha,* Sumit K. Panja and Nitin Srivastava	Quest for the interactions in ionic liquids: Synthesis and structural studies of imidazolium-picrates	Department of Chemistry Faculty of Science Banaras Hindu University Varanasi	ssahabhu@yahoo.com
122	Trambaki Banerjee <sup>a</sup> , Siddhartha Banerjee <sup>a</sup> , Prashant Dubey <sup>b</sup> , Rupa Mukhopadhyay	DNA compaction by mononuclear platinum cancer drug cisplatin and the trisplatinum anticancer agent BBR3464: Differences and Similarities	<sup>a</sup> Department of Biological Chemistry, Indian Association for the Cultivation of Science, 2A&2B, Raja S. C. Mullick Road, Kolkata <sup>b</sup> Centre of Material Sciences, University of Allahabad, Allahabad	bcsb2@iacs.res.in
123	H.N. Nagesh, N.Suresh, K. Mahalakshmi Naidu, V.S. Rao, K.V.G. Chandra Sekhar	Synthesis of phenanthridinyl piperazines as novel dopamine d <sub>2</sub> antagonists	Department of Chemistry, Birla Institute of Technology and Science-Pilani, Hyderabad Campus	
124	R. Priya, A. Prathapan, A. Nirmala Menon, K.G Raghu	An in vitro evaluation of the antioxidative and free radical scavenging potential of piperine, an alkaloid isolated from piper nigrum l.	Agroprocessing and Natural Products Division, National Institute for Interdisciplinary Science and Technology (NIIST), CSIR, Pappanamcode, Thiruvananthapuram	raghukgopal2009@gmail.com
125	Dushyant Singh Raghuvanshi, B. K. Allam, A. K. Gupta and Krishna Nand Singh	A Highly Efficient Green Synthesis of 1hpyrazolo[1,2-b]phthalazine-5,10-dione Derivatives	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi	
126	R. L. Nongkhlaw <sup>a*</sup> and S. Tumtin	Green synthetic studies on 1, 3-O,N-heterocycles: A relative comparative study between conventional and microwave irradiation.	<sup>a</sup> Department of Chemistry, North-Eastern Hill University, Shillong, Meghalaya	rlnongkhlaw@gmail.com
127	Zahid Yaseen, Gaurav Sharma, Kabir-ud-Din*	Strong Interaction Between Cationic Amphiphilic Drugs and DNA at ph 7: DNA Damage	Department of Chemistry, Aligarh Muslim University, Aligarh	
128	S. Mangalaraj and C. R. Ramanathan*	Brønsted acid activation of imide carbonyl group: Synthesis of tetrahydro-β-carboline derivatives and alkaloids	Department of Chemistry, Pondicherry University, R. V. Nagar, Kalapet, Puducherry	crrnath.che@ponduni.edu.in
129	G Vijayalakshmi, R Krishnan*	Polyazine metal complexes: Effect of component modifications on spectroscopic and electrochemical properties	Department of Chemistry, Birla Institute of Technology and Science Pilani-Hyderabad Campus, Hyderabad	
130	R. Ravichandran, M. Rajendran*, D. Devapiriam	Antioxidant study of Quercetin and their metal complexes and Determination of stability constant by spectrophotometry method	Department of Chemistry, Centre for Research and Post graduate studies in Chemistry N.M.S.S.V.N. College, Madurai-, Tamilnadu	mrrajendran64@yahoo.com

131	<u>Vaibhav R. Acham</u> , Swati L. Pandhare, Rajesh R. Jadhao, Sumeet S. Kale, Mohan K. Dongare, Shubhangi B. Umbarkar*.	Cyclopentadienyl dioxo molybdenum acetylido complex: A novel synthetic route, characterization, and catalytic application	Catalysis Division, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune	sb.umbarkar@ncl.res.in
132	<u>Vidhya Ghantani</u> , Trupti V. Kotbagi, Prakash Chandra, S.B. Umbarkar, M.K.Dongare*.	Titanium peroxide gel: An efficient adsorbent and photocatalyst for separation of organic dyes from aqueous solution and its photocatalytic degradation under solar light	Catalysis Division, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune	mk.dongare@ncl.res.in
133	<u>C. Maharaja Mahalakshmi</u> , A. S. Ganeshraja and K. Anbalagan*	Nanocrystalline ZnO Mediated Photoreduction of Cis-[Co <sup>III</sup> (en) <sub>2</sub> (RAn)Cl]Cl <sub>2</sub> Complexes in Aqueous and Water/2-Propanol Solvents	Department of Chemistry, Pondicherry University, Kalapet, Pondicherry	kanuniv@gmail.com
134	<u>M Priya Rani</u> , K.P. Padmakumari*	In-vitro studies to assess the antidiabetic, antiperoxidative and radical scavenging potential of Stereospermum colais	Agro processing & Natural Products Division, National Institute for Interdisciplinary Science and Technology (NIIST), CSIR, Trivandrum	
135	A. Shanavas, T. Narasimhaswamy, and A. Sultan Nasar	Structural Effects on Mesophase Properties of Isophthalic acid Based Novel Bent-core Mesogens.	Department of Polymer Science, University of Madras, Guindy Campus, Chennai- Polymer division, Central Leather Research Institute, Adyar, Chennai	drasultanasar@yahoo.com
136	<u>V.R Karanth</u> , B. Subramanya and D. Krishna Bhat*	Molecular interactions in Cyclic Alanine-znCl <sub>2</sub> Aqueous Solutions at 293.15, 298.15, 303.15, 308.15 and 313.15 K	Department of Chemistry, National Institute of Technology Karnataka, Surathkal, Mangalore, India	denthajekb@gmail.com
137	G.MANIKANDAN <sup>1</sup> , K.ANBARASU <sup>2</sup> and K.G.SEKAR <sup>1*</sup>	Structure and reactivity of cyclanols towards quinoxalium dichromate oxidation	1. Department of Chemistry, National College, Tiruchirappalli, Tamilnadu 2. Department of Chemistry, Paavai Engineering College, Namakkal, Tamilnadu	
138	Kavitha Sankar P. C, and Nirmala Menon A.*	A Comparative Study on the Alpha Amylase and Alpha Glucosidase Inhibitory Effects of Some Capsicum Annuum and Capsicum Frutescens Cultivars	Agroprocessing and Natural Products Division National Institute for Interdisciplinary Science and Technology, Trivandrum	
139	<u>D. R. Sherin</u> , G. K. Athira, V. R. Divya, G. Rekhakrishnan and K. N.Rajasekharan*	Simple Green Synthesis of 2,2-Difluoro-4,6-bis[β-(4-N,N-dimethylphenyl)ethenyl]-1,3,2-dioxaborine – an NIR Probe	Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram	sherindr84@gmail.com
140	<u>Asha Bharathan</u> , <sup>a,b</sup>	Synthesis of antitubercular ethyl	<sup>a</sup> Rajiv Gandhi Centre for	ashabhara

	Divya Lakshmanan, <sup>a</sup> C. Aneesh <sup>a</sup> , K. Laiza Paul <sup>a</sup> , K. N. Rajasekharan <sup>b</sup> and R. Ajay Kumar <sup>a</sup>	p-methoxycinnamate and its analogs	Biotechnology, Trivandrum, <sup>b</sup> Department of Chemistry, University of Kerala, Trivandrum, Kerala	than@gmail.com
141	Alan Sheeja D B <sup>a,b</sup> , Dhanya S R <sup>b</sup> and Mangalam S Nair <sup>*b</sup>	Antioxidant potential of Curcuma amada, Curcuma malabarica, Curcuma ecalcarata and Curcuma zedoaria	Department of Chemistry, Govt College Kasargode,. b. Organic Chemistry Section, Chemical Sciences & Technology Division, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	
142	J. K. Reena, <sup>a</sup> V. S. Keerthi, <sup>a</sup> S. Sengupta <sup>b</sup> and K. N. Rajasekharan <sup>a</sup>	Novel synthesis of diaminothiazoles by solventless microwave aminolysis	<sup>a</sup> Department of Chemistry, University of Kerala, Trivandrum, <sup>b</sup> Rajiv Gandhi Centre for Biotechnology, Trivandrum	reenakalesh@gmail.com
143	Indu Sasidharan, Kavitha Sankar P. C. and A. Sundaresan	Evaluation of Antidiabetic Potential of Terminalia chebula Retz. Extracts via Alpha Amylase Inhibition, Antiglycation and Glucose Uptake Stimulatory Activities	Agroprocessing and Natural Products Division National Institute for Interdisciplinary Science and Technology, Trivandrum	
144	Gullapalli Kumaraswamy, <sup>*</sup> Neerasa Jayaprakash	An Organocatalyzed Enantioselective Synthesis of (2S,3R,4S)-4-Hydroxyisoleucine and their Stereoisomers	Organic and Bimolecular Division, Indian Institute of Chemical Technology, Hyderabad	gkswamy_iict@yahoo.co.in
145	Ganga Prasad Dangi, Rajesh S. Somani, Hari C. Bajaj	Selective Adsorption of CO <sub>2</sub> over N <sub>2</sub> by Cation Exchanged Zeolite L: Experimental and Simulation Studies	Discipline of Inorganic Materials and Catalysis, Central Salt & Marine Chemicals Research Institute, Council of Scientific and Industrial Research, Bhavnagar	hcbajaj@csmcri.org
146	Zareena begum <sup>a</sup> P.B. Sandhya Sri <sup>b</sup> & Dr.C.Rambabu	ULTRASONIC AND FTIR- STUDIES ON BINARY MIXTURES OF ANISALDEHYDE (P-Methoxy Benz aldehyde) AND OXY-ALCOHOLS.	<sup>a</sup> Department of Chemistry, Acharya Nagarjuna University, Nuzvid Campus, Nuzvid-, Krishna District, Andhra Pradesh, <sup>b</sup> Department of Physics Dharma Appa Rao College, Nuzvid-, Krishna District, Andhra Pradesh	
147	Roshan Nainani Pragati Thakur	Photocatalytic Treatment of Biomethanated Distillery Spentwash by using Metal Oxide Semiconductor and tio <sub>2</sub> Composites	Department of Chemistry, University of Pune, Pune	
148	Vishnu V. V. Satyanarayana Kasapu <sup>1*</sup> , P.Uma devi <sup>1</sup> ,	Synthesis and antimicrobial screening of 10-methyl-N-(4-(3-arylacryloyl) phenyl)-10, 11-dihydro-5H-dibenzo [b, f]	<sup>1</sup> Department of Chemistry, GIS, GITAM University, Visakhapatnam, Andhra Pradesh <sup>2</sup> Department of Chemistry,	kvvvorg@yahoo.co.in



	Venkata Siva Satyanarayana Kantamreddi <sup>2</sup>	azepine-5-carboxamide analogues	GITAM University, Hyderabad, Andhra Pradesh	
149	N.Sirisha, R.Raghunathan	Regioselective synthesis of bis spiro pyrrolizidines through intermolecular 1, 3- dipolar cycloaddtion reaction	Department of Organic Chemistry, University Of Madras, Guindy Campus, Chennai	ragharaghunathan@yahoo.com
150	<u>Niraja Kedia,</u> <u>Amrita Sarkar,</u> Pradipta Purkayastha, Sanjib Bagchi*	Ketocyanine and structurally similar dyes as sensors for proticity and pH of a medium	Department of Chemical Sciences, Indian Institute of Science Education and Research, Kolkata, Mohanpur	
151	Akhil Sivan and Ani Deepthi	Reaction of allenic-1, 3-diester and cyclic 1, 3-diones mediated by Cerium (IV) ammonium nitrate	Department of Chemistry, Amrita Vishwa Vidyapeetham (Deemed University), Amritapuri, Kollam, Kerala	anideepthi@gmail.com
152	Sudipta Das, Dr. Iti Gupta	Mono-functionalized N-Confused Porphyrins	Department of Chemistry, Indian Institute of Technology Gandhinagar, VGEC Campus, Chandkheda, Ahmedabad	sdas@iitgn.ac.in; iti@iitgn.ac.in
153	<u>Antara Sarkar,</u> Jayanta Das, Seik Weng Ng and Edward R.T. Tiekink and Pranab Ghosh	Oxidation with selenium dioxide: the first report of solvent selective steroidal aromatization, and efficient access to 4 $\alpha$ ,7 $\beta$ -dihydroxy steroids	Natural Product and Polymer Chemistry Laboratory, Department of Chemistry, University of North Bengal, Darjeeling	
154	Rakesh K. Mishra, Ajit Kumar, Virendra Kumar, Uzra Diwan, Neeraj Singh, Banita Kumari, Rahul Prajapati, K. K. Upadhyay*	Designing of fluoride specific colorimetric sensor through density functional theory aided molecular orbital engineering	Department of Chemistry (Centre for Advanced Study), Faculty of Science, Banaras Hindu University, Varanasi	drkaushalbhu@yahoo.co.in
155	P. K. Aneesh, Sindhu R Nambiar, A. Ajayaghosh, Talasila P. Rao	Biopolymer stabilized gold atomic cluster film based voltammetric sensor for Hg (II) ions in sub-picomolar concentrations	Chemical Sciences and Technology Division (CSTD), CSIR-National Institute of Interdisciplinary Science and Technology (NIIST), Trivandrum	
156	Atish Chandra, Bhawana Singh, Neha Sharma, Mrityunjaya Asthana, Ritush Kumar and Radhey M. Singh *	Rapid synthesis of 2-substituted-3H-pyrimido[4,5-b]quinolin-4-ones via base-catalyzed cyclization reaction of 2-chloroquinoline-3-carbonitriles with 1,3-binucleophiles	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi	rmohan@bhu.ac.in
157	<u>Aijaz Ahmad Dar</u>	Linking of discrete D4R zeolite sbus by 4,4'-bipyridine-N-oxide	Department of Chemistry, Indian Institute of Technology	daraijaz@chem.iitb.

		tectons	Bombay, Powai, Mumbai	ac.in
158	D. Maheswaran, R.Srinivasan	Synthesis and characterization of delafossite $\text{CuCrO}_2$ by sol-gel route	Department of Chemistry, Birla Institute of Technology Science Pilani - Hyderabad Campus, Hyderabad	
159	<u>Sachin Kumar Singh</u> , Hemant Kumar Singh and Bachcha Singh	Design, Synthesis, Characterization and Mesomorphic Properties of Aroylhydrazinato Metal-Complexes	Department of Chemistry (Centre of Advanced Study) Banaras Hindu University Varanasi	sachinsinghbhu@gmail.com, bsinghbhu@rediffmail.com
160	Neelam Yadav, B. Singh	Design, Synthesis, Characterization of Macrocyclic and Metal-Complexes	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi-	bsinghbhu@rediffmail.co, neelchem24@gmail.com
161	<u>Bishwajit Saikia</u> , Nabin C. Barua	Synthesis of artemisinin derived carbonyl monomers and dimers using a newly derived c-13 artemisinin azide	Natural Products Chemistry Division, CSIR-North East Institute of Science & Technology, Jorhat-6, Assam	baruanc@rrl.jorhat.res.in
162	Bhagwan Kharediya and Sailaja S. Sunkari	Synthesis, Structure and Spectral studies of Cu(II) Supramolecular systems	Department of Chemistry, Mahila Maha Vidyalay, Banaras Hindu University, Varanasi	bhagwan.7bhu@gmail.com, sunkari.s7@gmail.com
163	<u>Sunil Kumar Sharma</u>	Layered Alkali Metal Phosphonates Based on Multidentate Organically Templated Phosphosponic Acids	Indian Institute of Technology Bombay, Powai, Mumbai	sunil_ks@chem.iitb.ac.in
164	<u>Ajaykumar</u> , M. R, Pritam Mukhopadhyay	First Investigation of Thermal Ion-Mediated Electron Transfer For Lethal Ion-Pair Recognition	Supramolecular and Material Chemistry Lab, School of Physical Sciences, Jawaharlal Nehru University, New Delhi	mr.ajay.mr@gmail.com
165	Parvathy R <sup>a</sup> , Smitha Mohanlal <sup>a</sup> , Ajitha John <sup>b</sup> , C.H.Suresh <sup>b</sup> , A. Helen <sup>c</sup> , A.Jayalekshmy	Antioxidant, anti-inflammatory effects and DFT studies on bioactive compounds of Njavara ( <i>Oryza sativa</i> L)	a. Organic Chemistry Section, Chemical Sciences & Technology Division, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum, b. Computational Modeling Simulation Section, Process Engineering and Environmental Technology Division, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum c. Department of Biochemistry, University of	

			Kerala, Trivandrum	
166	<u>Arnab Maity</u> , <sup>a</sup> Tarasankar Das, <sup>a</sup> Prasun Ghosh, <sup>a</sup> and Pradipta Purkayastha	Förster resonance energy transfer between pyrene and bovine serum albumin: Effect of the hydrophobic pockets of cyclodextrins	<sup>a</sup> Department of Chemical Sciences, Indian Institute of Science Education and Research, Kolkata, Mohanpur 741252, WB	
167	S. K. Pahari, N. Sutrathar, A. Sinhamahapatra, and A. B. Panda*	Synthesis of monodisperse nanocrystalline material in supercritical ethanol	Discipline of Inorganic Materials and Catalysis, Central Salt and Marine Chemicals Research Institute (CSIR), G.B. Marg, Bhavnagar, Gujarat	abpanda@csmcri.org
168	<u>Boddula Rajender</u> , Bolagam Ravi, Srinivasan Palaniappan	Synthesis of N-Benzylidene-2-phenyl imidazo[1,2-a] pyridines using PANI-EDA salt as a New, Effective and Reusable Catalyst	Polymers & Functional materials, Indian Institute of Chemical Technology, Hyderabad	
169	Kotni Santhosh and Anunay Samanta	Specific and Non-Specific Solute-Solvent Interactions of Chalcone Derivatives in Room Temperature Ionic Liquids	School of Chemistry, University of Hyderabad, Hyderabad	santoshkotni@gmail.com
170	Bharat Kumar Tripuramallu and Samar. K. Das	Tuning the Dimensionality of Coordination Polymers by Blocking the Coordination Sites of the Metal Atom: Synthesis, Structural Characterization and Magnetic Properties	School Of Chemistry, University of Hyderabad, Hyderabad	skdsc@uohyd.ernet.in
171	<u>Sheena Mathew</u>	Synthesis of a new series of benzimidazole substituted pyrazolines and phenyl pyrazolines and evaluation of their antibacterial and antifungal activity	Department of Pharmaceutical Chemistry, College of Pharmaceutical Sciences, Medical College, Thiruvananthapuram	
172	<u>Muniyappan Rajiv Gandhi</u> , S. Meenakshi*	Preparation and characterization of silica gel/chitosan composite for the removal of Cu(II) and Pb(II)	Department of Chemistry, Gandhigram Rural University, Gandhigram- 624 302, Tamil Nadu	drs_meena@rediffmail.com
173	M.CHANDRAN	Bath and deposits characteristics of zinc and zinc-nickel alloy from bromide based bath	Department of chemistry, Vivekananda College, Agasteeswaram	m_chandran2004@yahoo.co.in
174	<u>S.Jothivel</u> , K.Narayanan, S.Adhavan and S.Kabilan	One-pot synthesis of 3, 4-Dihydropyrimidin-2(1H)-ones (Thiones) using TiO <sub>2</sub> -SO <sub>4</sub> <sup>2-</sup> an efficient and reusable catalyst: Improved protocol conditions for the Biginelli reaction	Department of Chemistry, Annamalai University, Annamalainagar	kabilan@sisify.com
175	<u>Shib Shankar Dash</u> , Koushik Paul, Braja Gopal Bag	Chemistry of Renewable Nanos: Self-Assembly of Triterpenoids in Organic Liquids	Department of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal	braja@mail.vidyasagar.ac.in
176	S. Anbu Anjugam	Photocatalytic Degradation of	<sup>1</sup> Department of chemistry,	jeevapand

	Vandarkuzhali <sup>1</sup> , K. Pandian <sup>2*</sup> , N. Radha	Congo Red Using tio <sub>2</sub> Doped Metal nanoparticles	Seethalakshmi Ramaswami College, Trichirappalli-, <sup>2</sup> Department of Inorganic chemistry, University of Madras, Guindy Campus, Chennai	ian@yahoo.co.uk
177	<u>Ananda Kumar Jami</u> , and Viswanathan Baskar	Tetra and Hexa nuclear lanthanide oxo-hydroxo clusters: Synthesis, characterization, spectral and magnetic properties.	School of Chemistry, University of Hyderabad, Hyderabad	vbsc@uohyd.ernet.in
178	Prof. H. Surya Prakash Rao* and <u>C. Guravaiah</u>	Click reaction towards triazole natural product conjugates	Department of Chemistry, Pondicherry University, Pondicherry	
179	<u>Swarup Majumder</u> and Pulak J. Bhuyan	Stereoselective synthesis of novel thiopyrano indole derivatives from simple oxindole via intramolecular 1,3-dipolar cycloaddition reactions of nitrene & nitrile oxide	Medicinal Chemistry Division, North East Institute of Science & Technology, Jorhat, Assam	pulak_jyoti@yahoo.com
180	Shilpi Saxena <sup>*1</sup> , J.P Shrivastava <sup>1</sup> , Bhishm Kumar <sup>2</sup> and M.S.Rao	Hydro chemical Characterization and pollutant transport study in the regime of groundwater at Najafgarh drain basin area, Delhi	<sup>1</sup> Geochemical Laboratory, Department of Geology University of Delhi, Delhi <sup>2</sup> National Institute of Hydrology, Roorkee-(Uttarakhand)	docs.shilpi@gmail.com
181	<u>Ayswarya K</u> , P N Prasannakumaran, Soumya D, Vimal V V	SYNTHESIS OF 3-PYRIDYL [1,2,4] TRIAZOLO [3,4-b] [1,3,4] THIADIAZEPINES AND EVALUATION OF THEIR ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES	Department of Pharmaceutical Chemistry, College of Pharmaceutical Sciences, Medical College[PO], Thiruvananthapuram	
182	Dhananjay Kumar, Virendra Prasad, Vinod K. Tiwari	Stereo-selective synthesis of bicyclic iminosugar from d-glucose	Department of Chemistry, Centre of Advanced Study, Faculty of Science, Banaras Hindu University, Varanasi	vtiwari@ucdavis.edu , tiwari_chem@yahoo.co.in dhananjay.bhu7@gmail.com
183	<u>K. Sekar</u> <sup>a,*</sup> and P. Rajakumar	Synthesis and solar cell applications studies of bipyridinium based Organic dendrimer dyes with carbazole as surface group	<sup>a</sup> Department of Chemistry, Anna University of Technology Madurai, Dindigul Campus, Dindigul- <sup>b</sup> Department of Organic Chemistry, University of Madras, Guindy Campus, Chennai	karuppanansekaram@gmail.com
184	<u>C. Pandiyarajan</u> and R. Ramaraj	Metal Nanoparticles Modified Coupled Semiconductor Nanocomposite Materials and their Photocatalytic Application	Centre for Photoelectrochemistry, School of Chemistry, Madurai Kamaraj University, Madurai	ramarajr@yahoo.com
185	Sankarapillai	Title: Self-assembly of	<sup>1</sup> Katholieke Universiteit Leuven,	maheshm

	Mahesh <sup>1#</sup> , Tanya Balandina <sup>1</sup> , Mark Van der Auweraer <sup>1</sup> Klaus Müllen <sup>2</sup> and Steven De Feyter <sup>1</sup>	Nanographenes at Solid-Liquid Interphase: Steps to Supramolecular Electronics	Division of Molecular and Nanomaterials and INPAC– Institute for Nanoscale Physics and Chemistry, Celestijnenlaan 200 F, B-3001 Heverlee, Belgium <sup>2</sup> Max-Planck-Institute for Polymer Research, Ackermannweg 10, D-55128 Mainz, Germany <sup>#</sup> Current Affiliation: Centre for Nanoscience & Technology, Mahatma Gandhi University, Kottayam	gu@gmail.com; Steven.DeFeyter@chem.kuleven.be
186	Tanmoy Chanda, Subhasis Samai and Maya Shankar Singh	InCl <sub>3</sub> -driven regioselective synthesis of functionalized/annulated quinolines: Scope and limitations	Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi	mssinghbhu@yahoo.co.in, tctanmoychanda@gmail.com
187	C.P. Reshmi <sup>a</sup> , S. Savitha Pillai <sup>a</sup> , P. Neenu Lekshmi <sup>a</sup> , K.G. Suresh <sup>b</sup> and Manoj Raama Varma <sup>a</sup>	Magnetocaloric properties of Gd <sub>3-x</sub> Tb <sub>x</sub> Ga <sub>5</sub> O <sub>12</sub> (x = 0, 1, 2, 3) garnets	<sup>a</sup> Materials and Minerals Division, National Institute for Interdisciplinary Science and Technology [NIIST], CSIR, <sup>b</sup> Department of Physics, Indian Institute of Technology Bombay-Mumbai	
188	A. Santhana Krishna Kumar <sup>a</sup> , S. Kalidhasan <sup>a</sup> , Vidya Rajesh <sup>b</sup> and N. Rajesh <sup>a</sup>	Cellulose Impregnated with Mercaptobenzothiazole for the Effective Adsorption of Mercury from Aqueous Solution	<sup>a</sup> Department of Chemistry, <sup>b</sup> Department of Biological Sciences, Birla Institute of Technology and Science (BITS), Pilani-Hyderabad Campus, Jawahar Nagar, Shameerpet Mandal, R. R. Dist	nrajesh05@gmail.com
189	Debasree Saha, Sabir Ahammed, Nirmalya Mukherjee and Brindaban C. Ranu	Hydroxyapatite-supported Cu(I)-catalysed cyanation of styrenyl bromides with K <sub>4</sub> [Fe(CN) <sub>6</sub> ]: an easy access to cinnamitriles	Department of Organic Chemistry, Indian Association for the Cultivation of Science, Kolkata	
190	V. K. Ratheesh Kumar, Sreedevi Krishnakumar and Karical R. Gopidas	Synthesis, Characterization and Catalytic Applications of Palladium Nanoparticle Cored Dendrimers Stabilized by Metal-Carbon Bonds	Photosciences and Photonics Chemical Sciences and Technology Division National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	gopidaskr@gmail.com
191	D. Bhakiaraj, B. Chellakili, S. Elavarasan, T. Elavarasan and M.Gopalakrishnan	Synthesis, spectral analysis and biological screening of various 3-substituted-1-(1-p-tolyl-1H-tetrazol-5-yl)propan-1-ones	Department of Chemistry, Annamalai University, Annamalainagar	profmgk@yahoo.co.in
192	K. Deepti Kannajosyula.	Anti cancer and antimicrobial properties of piperine and its	Department of Chemistry, GIS, GITAM University.	umadevichemistry

	Muralikrishna P.Uma Devi	analogues	Kannajosyula. Muralikrishna, Research Scholar, Department of chemistry, Andhra University, Visakhapatnam, Department of Chemistry, GIS, GITAM University	@gmail.co m atluri.dee pti1984@ gmail.com
193	BHAUSAHEB V. TAWADE, PRAKASH P. WADGAONKAR	Synthesis and Characterization of Polyimides Containing Multiple Ether Linkages and Pendent Pentadecyl Chains	Polymers and Advanced Materials Laboratory, Polymer Science and Engineering Division, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune	
194	P. R. Chetana*, Somashekar M. N, Srinath. B. S, Ramakrishna Rao	DNA interactions with newly synthesised Ni (II) Schiff base (4- methoxy-3-benzyloxy benzaldehyde- thiosemicarbazide) complexes.	Department of Chemistry, Central College Campus, Bangalore University, Bangalore	pr.chetan a@gmail.c om
195	Pooja Singh, Monika, Karishma Tiwari, D. P. Singh and Vinod P. Singh	Synthesis, characterization and corrosion inhibition studies on transition metal(II) complexes of 2-acetylthiophene benzoylhydrazone	Department of Chemistry, Banaras Hindu University, Varanasi	
196	Sukla Nandi, Raju Singha, and Jayanta K. Ray	Synthesis of Pyranonaphthoquinones using Intramolecular Heck reaction	Department of Chemistry, Indian Institute of Technology, Kharagpur	jkray@che m.iitkgp.e rnet.in
197	<u>A. Nijamudheen</u> and Ayan Datta	Gold nanoparticles: Structure, properties, and role in homogeneous catalysis	School of Chemistry, Indian Institute of Science Education and Research, Thiruvananthapuram, CET Campus, Thiruvananthapuram	ayan@iise rtvm.ac.in
198	T. M. Vishwanatha, <sup>b</sup> V. V. Sureshbabu, <sup>b</sup> N. Narendra, <sup>*a</sup>	N <sup>β</sup> -Fmoc/Z-amino alkyl thiols preparation and their utility for the synthesis of N <sup>β</sup> -Fmoc/Z-amino alkyl sulfonic acids	<sup>a</sup> Department of Chemistry, University College of Science, Tumkur University, B. H. Road, Tumkur. <sup>b</sup> Peptide Research Laboratory, Department of Studies in Chemistry, Central College Campus, Dr. B. R. Ambedkar Veedhi, Bangalore University,	narendrac hem@gm ail.com
199	<u>R.Ramakrishnan</u> , S.Sivakala, K.N.Rohini, K.S.Neethu and J.D.Sudha*	Water Dispersible Self- Assembled Nano Fibrils of Conducting Poly (3, 4 Ethylene Dioxy Thiophene) Using A Novel Template Approach	Chemical Sciences and Technology Division, NIIST, CSIR, Thiruvananthapuram	sudhajt20 01@yaho o.co.in
200	V. Divya <sup>a</sup> , Vandana Sankar, <sup>b</sup> K.G. Raghu <sup>b</sup> and M. L. P. Reddy	A highly luminescent europium complex showing visible-light- sensitized red emission: applications in live cell imaging	Chemical Sciences and Technology Division, National Institute for Interdisciplinary Science & Technology (NIIST), CSIR, Thiruvananthapuram <sup>b</sup> Agroprocessing and Natural Products, National Institute for Interdisciplinary Science & Technology (NIIST), CSIR,	mlpreddy 55@gmail .com

			Thiruvananthapuram	
201	M. Shanthil <sup>†</sup> and K. George Thomas	Distance Dependent Plasmon Coupling in Ag-sio <sub>2</sub> Nanostructures and its Relevance in SERS	Photosciences and Photonics, National Institute for Interdisciplinary Science and Technology (NIIST), CSIR, Thiruvananthapuram ‡School of Chemistry, Indian Institute of Science Education and Research Thiruvananthapuram (IISER-TVM), CET Campus, Thiruvananthapuram	
202	<u>Selvam Sangeetha</u> , Gopal Sathyaraj, Duraisamy Muthamilselvan, Vaidyanathan Ganesan Vaidyanathan, Balachandran Unni Nair*	Chemosensors for specific sensing of Ni <sup>2+</sup> and Cu <sup>2+</sup>	Chemical Laboratory, Central Leather Research Institute, Council of Scientific and Industrial Research, Adyar, Chennai	sangeetha selvam88@gmail.com
203	Harsh Kumar Manchanda	Thermophysical properties of 1- butyl- 3- methylimidazolium bromide [bmim][br] ionic liquid and alkoxyalkanols mixtures at different temperatures	Department of Chemistry Dr B R Ambedkar National Institute of Technology, Jalandhar –Punjab	h.786.man@gmail.com; manchandah@nitj.ac.in
204	<u>Anju S<sup>1</sup></u> , Radhakrishnan K.V <sup>2</sup> . and Krishnakumar B	Extraction and purification of a bioactive compound-Violacein From an isolated Chromobacterium sp.	<sup>1</sup> Environmental Technology, <sup>2</sup> Chemical Sciences Division National Institute for Interdisciplinary Science & Technology (CSIR-India), Thiruvananthapuram	krishna@niist.res.in
205	C. P. Priyakumari <sup>1</sup> , Kallol Gupta <sup>2</sup> , E. D. Jemmis <sup>1</sup> and P. Balaram <sup>2</sup>	Study of the mechanism of Electron Capture/Transfer Decomposition of multiply charged peptide ions	<sup>1</sup> School of Chemistry, Indian Institute of Science Education and Research, Thiruvananthapuram <sup>2</sup> Molecular Biophysics Unit, Indian Institute of Science, Bangalore	jemmis@iisertvm.ac.in
206	<u>Devappa S Lamani</u> , <u>Debasish Bhowmick</u> and Govindasamy Mugesh	Synthesis, Characterization, and Antioxidant Activity of Spirodiazaselenurane and its Derivatives	Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore	mugesh@ipc.iisc.ernet.in
207	<u>Divneet Kaur<sup>1</sup></u> , Manvi Jain <sup>1</sup> , P. Raghunathan <sup>2</sup> , S. V. Eswaran	2D NMR Studies on an Unusual 'Long Lived' "True Nitrene" Based Product	<sup>1</sup> St. Stephen's College, University of Delhi, Delhi- <sup>2</sup> National Brain Research Centre, Gurgaon, Haryana	sv.eswaran@gmail.com
208	Annu Raju, G. S.	A facile method for synthesis of	National Institute for	

	Suchithra, V. S. Prasad*, C. Pavithran, T. P. D. Rajan	polystyrene-clay nanocomposites with self-assembling properties	Interdisciplinary Science and Technology, CSIR, Thiruvananthapuram	
209	G.Chandramohan, <u>P.Saravanan</u> <sup>1</sup> , S.Saivaraj	“Extraction and application of eco – friendly natural dye extracted from leaves of urtica dioica on Cotton fabric”	Department of Chemistry, A.V.V.M Sri Pushpam College, Poondi, Thanjavur – Tamilnadu <sup>1</sup> Department of Chemistry, Mohammed Sathak A.J. College of Engineering, Chennai <sup>2</sup> Department of Chemistry, Thirumalai Engineering College, Kanchipuram	
210	Reshmi Thomas and R. S. Swathi	Optical Effects near Metal Nanostructures: Towards Surface Enhanced Spectroscopy	School of Chemistry, Indian Institute of Science Education and Research Thiruvananthapuram (IISER-TVM), CET campus, Thiruvananthapuram	swathi@iisertvm.ac.in
211	Harsha N., Babitha K.B., Remya K., Hareesh P., Manu J., S. Shukla*	NOVEL DYE-REMOVAL TECHNOLOGY BASED ON NANOTUBES OF SEMICONDUCTOR OXIDES	Nano-Ceramics Section, Materials Division (MD) National Institute for Interdisciplinary Science and Technology (NIIST) Council of Scientific and Industrial Research (CSIR) Thiruvananthapuram	satyajit_shukla@niist.res.in
212	<u>Rajasekaran Thirumalai</u> and <u>Ayyappanpillai Ajayaghosh</u> *	A Novel Fluorescent Molecular Self-assembly for Self-erasable Writing with Water and Its Application as Currency and Document Security Label	Photosciences and Photonics Section, Chemical Sciences and Technology Division, National Institute for Interdisciplinary Science and Technology (NIIST) CSIR, Thiruvananthapuram	ajayaghosh62@gmail.com, rtkumar81@gmail.com
213	Robbinson C Jose, E Bhoje Gowd*	Influence of Thermal History and Host Structure on the Structural Changes of sPS during the Guest Exchange with n-Alkanes	Department of Materials and Minerals division, National Institute of Interdisciplinary Science and Technology, CSIR Trivandrum,	bhojgowd@yahoo.com
214	<sup>a</sup> Arun Bobby, <sup>a</sup> Manikandan P, <sup>b</sup> U.T.S Pillai, and <sup>c</sup> B.C Pai	EFFECT OF Ca AND RE ADDITION ON THE MICROSTRUCTURE AND MECHANICAL PROPERTIES OF Mg-Al ALLOY SYSTEM	Materials and Minerals Division, National Institute for Interdisciplinary Science & Technology (NIIST), CSIR, Thiruvananthapuram	bcpai12@gmail.com
215	<u>Paramiyothi C. Nandajan</u> , Prakash P. Neelakandan and Danaboyina Ramaiah*	Design of Novel Cyclophanes : Cavity Size and Bridging Unit Dependent Biomolecular Recognition	Photosciences and Photonics, Chemical Sciences and Technology Division, National Institute for Interdisciplinary Science and Technology (CSIR-NIIST) Trivandrum	pcnandajan@gmail.com
216	Rony Rajan Paul, C. R. Sinu, Anu Jose, K. C. Seetha	NHC Catalyzed Homoenolate Reactions: A Promising Strategy for C-C Bond Formation	Organic Chemistry Section, National Institute for Interdisciplinary Science and	ronychirayil@gmail.com,



	Lakshmi, D.V.M. Padmaja, Vijay Nair*		Technology (NIIST-CSIR), Trivandrum	vijaynair_2001@yahoo.com
217	Ravindra M. Kumbhare*, Tulshiram L. Dadmal, Umesh B. Kosurkar, B. Narsaiah	Synthesis and antimicrobial activity of novel fluoro 1,2,3-triazole tagged amino bis(benzothiazole) derivatives	Fluoroorganic Division, Indian Institute of Chemical Technology, Hyderabad	<a href="mailto:rakumbhare@yahoo.com">rakumbhare@yahoo.com</a> ; kumbhare@iict.res.in
218	<u>Suseem S.R.</u> <sup>a</sup> , Mary Saral A* <sup>a</sup>	Pharmacognostic evaluation and preliminary phytochemical screening of mushroom Pleurotus eous	Pharmaceutical Chemistry Division, School of Advanced Sciences, VIT University, Vellore 632 014, Tamil Nadu	suseem_sr@yahoo.co.in
219	<u>Nadimpally Krishna Chaitanya</u> , Palakurthy Nani Babu, Thalluri Kishore, Ashim Paul and Bhubaneswar Mandal*	Catalyst and solvent free amidation of inactive esters of N-protected amino acids: A green chemistry perspective	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, Assam	b.mandal@iitg.ernet.in
220	<u>Kavit Patel</u> , Nikhil Jadhav, Hemchandra Chaudhari, Prashant Jagadhane, Vikas Telvekar*	Novel Methodology for conversion of alcohols to nitriles using Hypervalent Iodine-Sodium dichloroiodate	Department of Pharmaceutical Science and Technology, Institute of Chemical Technology (Formerly UDCT) N. P. Marg, Matunga (E), Mumbai-19, Maharashtra.	
221	<u>Preetha G.Prasad</u> <sup>a</sup> , Bejoy S. Raj <sup>b</sup> , Suchitra Pushpan <sup>a</sup> , Veena V. Pillai <sup>a</sup> , Sritha Sreeraman <sup>a</sup> , Unni Devarajan <sup>a</sup> , Manitha T.P. <sup>a</sup>	The potent alkaloid mixture from the Ayurvedic medicinal plant Adhatoda vasica as a Promising lead for anti-methicillin resistant Staphylococcus aureus activity	a) Department of Biotechnology and Biochemical Engineering, Sree Buddha College of Engineering, Pattoor P.O., Alleppey b) Department of Kayachikitsa, Vishnu Ayurveda College, Shoranur, Palghat	
222	<u>Kiran Indukuri</u> , Somasekhar Bondalapati, Trimurtulu Kotipalli, Paramartha Gogoi, Anil K Saikia*	Stereoselective, one-pot, three-component synthesis of 4-aryltetrahydropyrans from epoxides via Prins-cyclization reaction	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, Assam 781039	asaikia@iitg.ernet.in
223	Mohit Kumar, Subi J. George*	Dynamic Multivalent Scaffold Formation by Self-Assembly of Coronene Diimide based Bolaamphiphile	Supramolecular Chemistry Lab, NCU, JNCASR, Bangalore	
224	Chidambar Kulkarni, <sup>a,b</sup> Subi J. George <sup>b</sup> and S.	Self-Assembly and Mechanisms of Supramolecular Polymerization in Coronene	a. Molecular Modelling Laboratory, Chemistry and Physics of Materials Unit,	

	Balasubramanian <sup>a</sup>	Bisimide Derivatives	b. Supramolecular Chemistry Lab, New Chemistry Unit, Jawaharlal Nehru Center for Advanced Scientific Research, Jakkur, Bangalore-	
225	G. M. Peerzada*, Nadeem Bashir, Ishfaq Ahmad Shah, Nisar Ahmad Dar, Usma Gull, Momina Bashir, Sayima Riyaz, Murtaza Gani	Interaction of some Antioxidants with BZ reaction based on Catechol-BrO <sub>3</sub> <sup>-</sup> -Mn <sup>2+</sup> -H <sub>2</sub> SO <sub>4</sub> System	Department of Chemistry, University of Kashmir Srinagar J&K	
226	<u>Aneesh P. S.</u> , Deepak D. Prabhu and Suresh Das*	Self-Assembled Behaviour of Polycatenar Discotic Mesogens in Solution and in Liquid Crystalline Phase	Photosciences and Photonics Section, Chemical Sciences and Technology Division, National Institute for Interdisciplinary Science and Technology (CSIR) Trivandrum	sureshdas @niist.res .in
227	<u>Sankarasekaran Shanmugaraju</u> , and Partha Sarathi Mukherjee*	Metal-Ligand Directed Self- Assembly of Discrete supramolecular Architectures and Their Sensing Study	Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore	psm@ipc.i isc.ernet.i n
228	Sumanta Sarkar, Sebastian C. Peter*	Yb <sub>2</sub> AuGe <sub>3</sub> : A New Member in the AlB <sub>2</sub> Family with Ordered Superstructure and its Phase Transformation at High Temperature	New Chemistry Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore	
229	Sholly Clair George, Jijy. E and K. V. Radhakrishnan*	1,8-CONJUGATE ADDITION TO HEPTAFULVENE via BIS-π-ALLYL PALLADIUM COMPLEXES: FACILE ROUTE TOWARDS BIS-FUNCTIONALIZED CYCLOHEPTATRIENE (CHT) DERIVATIVES	Organic Chemistry Section, Chemical Sciences and Technology Division, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	
230	Kamlesh V. Katkar, Sagar P. Pathare and Krishnacharya G. Akamanchi*	Sulfated tungstate Catalyzed Synthesis of 5-Substituted 1H- Tetrazoles	Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Matunga, Mumbai	kgap@red iffmail.co m
231	<u>Pradeep S. Jadhavar</u> , Babita Tawar and Asit K. Chakraborti*	Ligand-free Copper Catalyzed C- N Bond Formation Under Microwave Irradiation	Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, S. A. S. Nagar 160 062, Punjab	
232	<u>Ritesh Haldar</u> , <sup>a</sup> Tapas Kumar Maji <sup>ab*</sup>	Flexible Porous Luminescent 3D Supramolecular Coordination Polymers: Selective Stepwise CO <sub>2</sub> Uptake and Host – Guest Charge Transfer Interactions in Excited States	Molecular Materials Laboratory, New Chemistry Unit <sup>a</sup> and Chemistry and Physics of Materials Unit, <sup>b</sup> Jawaharlal Nehru Center for Advanced Scientific Research, Jakkur, Bangalore	

233	Kolleboyina Jayaramulu, K.K.R. Datta, Venkata Suresh Mothika, Muthusamy Eswaramoorthy*, and Tapas Kumar Maji*	2D Porous MOF as an Effective Host for Pd nano particles : Selective gas Storage and Catalytic Activity	Molecular Materials Laboratory, Nano materials Laboratory, Chemistry and Physics of Materials Unit, New Chemistry Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur P.O., Bangalore	
234	D. J. C. Prasad and G. Sekar*	Cu-catalyzed in situ generation of thiol and its application in synthesis of aryl thioethers, benzothiazoles and benzothiophenes	Department of Chemistry Indian Institute of Technology Madras, Chennai	iitmjagadeesh@gmail.com
235	Chennan Ramalingan <sup>*1, 2</sup> and Hiroaki Sasaki <sup>1</sup>	Pd-Catalyzed Enantioselective Intramolecular Haloamination of Unactivated Alkenes	<sup>1</sup> The Institute of Scientific and Industrial Research (ISIR), Osaka University, Mihogaoka, Ibaraki, Osaka 567-0047, Japan; <sup>2</sup> Centre for Nanotechnology, Department of Chemistry, Kalasalingam University, Tamilnadu	ramalinganc@gmail.com
236	Sumanta Kumar Meher and G. Ranga Rao*	Morphological differences and catalytic activity of nano-CeO <sub>2</sub> : soot and CO oxidation	Department of Chemistry, Indian Institute of Technology Madras, Chennai	grrao@iitm.ac.in
237	K. S. Sandhya and Cherumuttathu H. Suresh*	Mechanistic study of auto-tandem catalyzed reactions of PNP Ru (II) complex for the formation of imine and hydrogen	Computational Modeling and Simulation Section, National Institute for Interdisciplinary Science and Technology, Trivandrum	sureshch@gmail.com
238	Md. Merajul Islam and Rama Kant*	Spectroelectrochemical studies for EC' Reaction Mechanism at Optically Transparent Electrode: A Roughness Perspective	Complex Systems in Electrochemistry & Materials Group Department of Chemistry, University of Delhi, Delhi	rkant@chemistry.du.ac.in
239	<sup>1</sup> Neelakandan. K, <sup>1</sup> Manikandan. H*, <sup>1</sup> Senthilkumar. G, <sup>1</sup> Gopalakrishnan. M, <sup>2</sup> Santosh. N and <sup>2</sup> Mukund Gurjar	NEW METHODOLOGY FOR MAKING TERTIARY BROMO FROM HINDERED ACETAMIDO COMPOUNDS USING AQUEOUS HYDROBROMIC ACID	<sup>1</sup> Department of Chemistry, Annamalai University, Annamalainagar-608002 Tamilnadu, India. <sup>2</sup> Emcure Pharmaceuticals, Pune-411057, Maharashtra	profmani.au@gmail.com
240	Saptarshi Chatterjee and S Ramakrishnan*	Defect-free Hyperbranched Polydithioacetals	Department of Inorganic and Physical Chemistry Indian Institute of Science, Bangalore	raman@ipc.iisc.ernet.in, saptarshi@ipc.iisc.ernet.in
241	Rashi Gusain and Om P Khatri	Halogen-free bis(salicylato)borate-ammonium ionic liquids: Synthesis and Tribo-evaluation	Indian Institute of Petroleum (CSIR - IIP), Mohkampur, Dehradun	
242	J. Sembian Ruso <sup>a,b</sup> and N. Rajendiran	A Facile Synthesis of Benzyl Iodide from Benzyl Aldehyde	<sup>a</sup> Department of Polymer Science, Maramalai Campus, University of	

		Using Et <sub>3</sub> SiH/CF <sub>3</sub> SO <sub>3</sub> H/nai System	Madras, Guindy, Chennai <sup>b</sup> Syngene International Ltd, Biocon Park, #2 and 3, Bommasandra, Jigani Link Road, Bangalore, Karnataka	
243	Tarunpreet Singh Virk, Hardeep Kaur, Shivali Sharma and Kamaljit Singh*	Heterocyclic Chemical Entities: Synthesis and Applications in Medicine and Material Science	Organic Synthesis Laboratory, Department of Applied Chemical Sciences and Technology, Guru Nanak Dev University, Amritsar	
244	S. Prabhu and K.Jothivenkatachalam*	Photocatalytic activity of transition metal doped tungstate for the degradation of organic pollutants	Department of Chemistry, Anna University of Technology Tiruchirappalli, Tiruchirappalli, Tamilnadu	jothivenkat@yahoo.com
245	Soumya M.S., Renjini R.P. and Annie Abraham*	<i>In vitro</i> cytotoxicity evaluation of Halogenated Squaraines on EAC Cells	Department of Biochemistry, University of Kerala, Karyavattom Campus, Trivandrum	annieab2001@gmail.com
246	Kumaresh Ghosh*, Indrajit Saha	Benzimidazolium – based receptors for fluorescence sensing of anions	Department of Chemistry, University of Kalyani, Kalyani, Nadia	ghosh_k2003@yahoo.co.in
247	Rupesh U. Shelke, Sunil S. Chavan-Mariam S. Degani*	Ionic liquid catalyzed synthesis of 4, 6-disubstituted-3-cyano-2-pyridones under solvent-free and ambient conditions	Department of Pharmaceutical Sciences & Technology, Institute of Chemical Technology, N. P. Marg, Matunga, Mumbai	
248	Thanasekaran Ponpandian and Shanmugam Muthusubramanian	Copper catalysed Domino Decarboxylative cross coupling/Cyclisation Reactions	Department of Organic Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai -	
249	K. R. Sankaran* and A.Kumar	Spectral and computational analysis of some N-benzylidene-2, 6-diisopropylbenzenamine	Department of Chemistry, Annamalai University, Annamalainagar	profkrs15@gmail.com
250	Abhinav Raghuvanshi, <sup>a</sup> B. Jha, <sup>a</sup> Shaikh M. Mobin, <sup>b</sup> Pradeep Mathur	Photolytic Reaction of substituted (ethynyl)benzaldehyde and Fe(CO) <sub>5</sub> : Formation of indenone and chelated iron complexes.	<sup>a</sup> Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai <sup>b</sup> National Single Crystal X-ray Diffraction Facility, Indian Institute of Technology Bombay, Powai, Mumbai <sup>c</sup> Indian Institute of Technology Indore, Khandwa Road, Indore	abhinavr@chem.iitb.ac.in
251	Hemlata Agarwala and Goutam Kumar Lahiri	Ru <sup>iii</sup> ru <sup>ii</sup> (d <sup>5</sup> d <sup>6</sup> ) and ru <sup>iv</sup> ru <sup>iii</sup> (d <sup>4</sup> d <sup>5</sup> ) Mixed Valent States: A Remarkable Correspondence	Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai	hemlata@chem.iitb.ac.in, lahiri@chem.iitb.ac.in
252	Tapan Kumar Si <sup>†</sup> , Michael G.B. Drew <sup>‡</sup> and Kalyan	Oxovanadium(V) Complexes: Potential Catalysts for Oxidative C-H bond Activation	Department of Chemistry, Jadavpur University, Kolkata <sup>‡</sup> Department of Chemistry, The	

	K. Mukherjea <sup>*†</sup>		University of Reading, PO BOX 224, White knights, Reading RG6 6AD, UK	
253	R. Loganathan <sup>a</sup> , A. Riyasdeen <sup>b</sup> , M. A. Akbarsha <sup>b</sup> and M. Palaniandavar <sup>a*</sup>	Interaction of rac-[M(diimine) <sub>3</sub> ] <sup>2+</sup> (M = Fe, Co, Ni and Cu) Complexes with CT DNA: Effect of Fluxinal Geometry on DNA Binding and Cleavage and Cytotoxicity	<sup>a</sup> Centre for Bioinorganic Chemistry, School of Chemistry, <sup>b</sup> Department of Animal Science, Bharathidasan University, Tiruchirappalli	palanim51@yahoo.com
254	Deepa K. Baby and Raju Francis*	New Route to Amphiphilic Core-Shell Structure of Polystyrene-Chitosan via Graft polymerization: Enhancing the Ductility of Chitosan	Post Graduate & Research Department of Chemistry, St. Joseph's College, Devagiri, Calicut School of Chemical Sciences, Mahatma Gandhi University, Priyadarsini Hills, Kottayam	
255	Praveen K. Khatri, Suman L. Jain* and Bir Sain*	Multiple oxo-vanadium Schiff base containing cyclotriphosphazene as a robust heterogeneous catalyst for regioselective oxidation of naphthols and phenols to quinones.	Chemical Sciences Division, Indian Institute of Petroleum (Council of Scientific & Industrial Research), Dehradun	
256	Poornima Vijayan. P <sup>1</sup> , Debora Puglia <sup>2</sup> , Agnieszka Dabrowska <sup>3</sup> , Andrzej Huczko <sup>3</sup> and Sabu Thomas <sup>1,*</sup>	<b>Synthesis and characterization of silicon carbide nanofiber reinforced epoxy</b>	1. School of Chemical Sciences, Mahatma Gandhi University, Kottayam, 2. Materials Engineering Centre, University of Perugia, Department of Civil and Environmental Engineering, Strada di Pentima 4 – 05100 - Terni, Italy 3. Department of Chemistry, Warsaw University, 1 Pasteur str., 02-093 Warsaw, Poland	
257	Rajesh P, Harikrishna Varma*	Pulsed laser deposition of porous bioactive ceramic on titanium substrate using sodium chloride as porogen	Bioceramics Laboratory, Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum	varma@scimst.ac.in
258	Sanatkumar B. S1, Jagannatha Nayak2, A. Nityananda Shetty1	The corrosion inhibition of maraging steel under weld aged condition by CPOB (2-(4-Chlorophenyl)-2-oxoethyl benzoate) in 1.5 M sulfuric acid medium	<sup>1</sup> Department of Chemistry, National Institute of Technology Karnataka, Surathkal, Karnataka <sup>2</sup> Department of Metallurgical and Materials Engineering, National Institute of Technology Karnataka, Surathkal, Karnataka	
259	Santosh Kumar Upadhyay	NMR and molecular Modeling Methods to the Investigation of Cyclodextrin:Drug Complexes	Department of Chemistry, Aligarh Muslim University, Aligarh 2Present Address: Archaeological Survey of India (Science Branch),	skupadhyay@msn.com

			Dehradun-248001, Uttarakhand	
260	Deenamma Habel, Divya Sadasivan Nair., Sasi P. V and Ibrahim Ibnusaud*	Enantiomerically pure molecules of biological and functional interest related to 2-hydroxycitric acids.	Institute for Intensive Research in Basic Sciences, Mahatma Gandhi University, Kottayam	
261	Mahesh K.V., Rahul S., Sowmya S., Sankar S., Linsha V., Babitha K.B., and Ananthakumar.S	Microwave Synthesis of Nanocrystalline ZnO, its hybrids and composites for UV-shield transparent paints and functional cosmetics	Nanoceramics section, Materials Division National Institute for Interdisciplinary Science and Technology (CSIR) Thiruvananthapuram	ananthakumar70@gmail.com
262	James T. Joseph <sup>a</sup> , Sam Solomon <sup>b</sup> , J. K. Thomas <sup>c</sup> , V. S. Prasad <sup>d*</sup>	Epoxy-Ceramic Composites of NdTiNbO <sub>6</sub> : Synthesis and Thermal Characteristics	<sup>a</sup> Department of Chemistry, St. John's College, Anchal, Kerala <sup>b</sup> Department of Physics, St. John's College, Anchal, Kerala <sup>d</sup> Department of Physics, Mar Ivanios College, Trivandrum, <sup>d*</sup> Chemical Sciences and Technology Division, National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram	
263	R. Narasimman and K. Prabhakaran*	Preparation of carbon foams from carbon particulate suspensions in an aqueous sucrose based resin	Department of Chemistry, Indian Institute of Space Science and Technology, Valiyamala P.O, Thiruvananthapuram	
264	Pulanchiyodan Abhilash, Dhanesh Thomas and Mailadil Thomas Sebastian*	Rheological Characterization of Tape Casting Slurry for Microwave Application	Materials Division, National Institute for Interdisciplinary Science and Technology (CSIR) Trivandrum	
265	Remyamol T <sup>1</sup> , Honey John <sup>1</sup> , Pramod Gopinath <sup>2</sup>	Self assembly of cube-like polyaniline by inverse microemulsion polymerization and fabrication of its nanocomposites with PVK	<sup>1</sup> Department of Chemistry, <sup>2</sup> Department of Physics, Indian Institute of Space Science and Technology, Thiruvananthapuram	honey@iist.ac.in
266	R.V.Singh*	Greener Synthesis, Characterization, Antimicrobial And Antispermato-genic Activity Of Organosilicon, Organogermanium And Organotin Complexes	Department of Chemistry, University of Rajasthan, Jaipur	rvsjpr@hotmail.com
267	Sarika P R <sup>1</sup> and Nirmala Rachel James*	Alginic Aldehyde And Gelatin Based Nanogel By Miniemulsion Process	* Department of Chemistry, Indian Institute of Space Science and Technology, Govt.of India,Valiamala	sarikapaitahal@gmail.com, nirmalasi-mon@yahoo

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268	Divia N., Rajeesh P and Karickal R. Haridas*	ELECTROCHEMICAL STUDIES OF HOLETRANSPORTING MATERIALS BASED ON PHENYLENE DIAMINES FOR OPTOELECTRONIC DEVICES	School of Chemical Sciences, Kannur University	divya_srejit@rediffmail.com
269	R. Gururaja*, <u>Sudheesh Kumar</u> <sup>1</sup> and Suresh Marakala.S	A FACILE SYNTHESIS, CHARACTERIZATION AND STUDY OF BIOLOGICAL ACTIVITY OF SOME NOVEL SERIES OF 2,5,-SUBSTITUTED 1,3,4 OXADIAZOLE DERIVATIVES CONTAINING QUINOLINE MOIETY	Department of Chemistry, Sarada Vilas College, University of Mysore, Mysore	dr.gururaja@gmail.com
270	A. V. Singh* and Rakesh Singh	Beneficiation of Lignite Mining Waste into Combustible Fuel using Dense Media Separation	Department of Chemistry, Jai Narain Vyas University, Jodhpur-Rajasthan	areshvikram04@rediffmail.com, rsrajput84@rediffmail.com
271	Nirod Kumar Sarangi and Archita Patnaik*	Tilt Angle Dependent Electron Transport Across Supported Lipid Bilayers	Department of chemistry, Indian Institute of Technology Madras, Chennai	

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