



3<sup>rd</sup> INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATERIAL CHEMISTRY (ICRAMC-2019)

13-15 February 2019

Organized by

Department of Chemistry, SRM IST, Kattankulathur-603203, India

In Association with

Alternative Energies and Atomic Energy Commission (CEA), France



Mode of Presentation						Date: 13.02.2019			
Oral presentation									
S. No.	Reg ID	Name	Designation	Organization	Email	Abstract Title	Presenting Author	Mode of presentation	Schedule
1	46	Ms. Suganthi Muthusamy	Research Scholar	SSN College of Engineering	sugqumc@gmail.com	Improved electrochemical performance of the synthesized ternary Polypyrrole/Prussian blue/Carbon black nanocomposite	Suganthi Muthusamy	Oral Presentation	13.2.2019 / S1 / OP34
2	68	Mr.Manikandanath N T	Technical Officer	CSIR-NAL, Bangalore	manint@nal.res.in	Development and certification of chromic acid-free anodizing process for aircraft grade aluminium alloys	Mr.Manikandanath N T	Oral Presentation	13.2.2019 / S1 / OP36
3	74	Dr.Gopal K	Assistant Professor	Amrita Vishwa Vidyapeetham Amritapuri	gopalk@am.amrita.edu	Tin Sulfide Thin Films from Organotin Dithiocarbamates	Dr Gopal K	Oral Presentation	13.2.2019 / S1 / OP1
4	100	Mrs.Malathi M	Manager	IP Rings Ltd	malathi@iprings.com	NiP Composite coating by Plate and bumper method	Malathi	Oral Presentation	13.2.2019 / S1 / OP2
5	114	Mr.Thangeeswari T	Student	Research Centre of Physics, Vel Tech Multitech Dr	thangs.ok@gmail.com	A Novel Approach to synthesize Gadolinium-doped ZnO nanoparticles for Energy Applications by Enhance its Optoelectronic Properties	Raju	Oral Presentation	13.2.2019 / S2 / OP4
6	115	Ms.Rupali Gupta	Research Scholar	Institute of Science Banaras Hindu University	rupali026@gmail.com	Synthesis and Characterization of Palladium Nanoparticles Immobilized Ordered Silica for Amperometric Detection of H <sub>2</sub> O <sub>2</sub>	Rupali Gupta	Oral Presentation	13.2.2019 / S2 / OP5
7	124	Mrs.Caroline Ponraj	Assistant Professor	VIT Chennai	caroline.ponraj@vit.ac.in	Photocatalytic degradation of Acid Red-85 dye by Nickel substituted Bismuth Ferrite nanoparticles	Caroline Ponraj	Oral Presentation	13.2.2019 / S2 / OP6
8	155	Mr.JIBIN K P	Research Student	MG UNIVERSITY	jkpngc@gmail.com	Silica-GO Reinforced Rubber Nano Composites	Jibin K P	Oral Presentation	13.2.2019 / S2 / OP7
9	167	Mrs. SHAHITHA PARVEEN	Research scholar	B.S. Abdur rahman Crescent Inst. of Science and tec	shahithaji@gmail.com	Development and Characterization of high performance poly (ethylene oxide) based electrospun polyelectrolytes for lithium-ion battery	J.Shahitha Parveen	Oral Presentation	13.2.2019 / S2 / OP8
10	222	Dr.V VasanthiPillay	Women scientist	Osmania University	pillay.vasanthi@yahoo.com	Influence of carbon doping in the enhancement of visible light photoactivity of porous WO <sub>3</sub> nanopowders	Vasanthi Pillay	Oral Presentation	13.2.2019 / S1 / OP3
11	228	Dr. Aditya Kumar Rathi	Associate Professor	Netaji Subhas University of Technology	aditya_rathihere@yahoo.com	To Study the Effect of Submerged Arc Welding Parameters on Bead Geometry, Dilution and Hardness on Mild Steel (IS-2062A) Using Fractional Factorial Design	Dr. Aditya Kumar Rathi	Oral Presentation	13.2.2019 / S1 / OP38
12	251	Mr.Nagaraja K. C.	Assistant Professor	Acharya Institute of Technology	nagarajkc15@gmail.com	Mechanical Properties of Polymer Matrix Composites: Effect of Hybridization	K.C. Nagaraja	Oral Presentation	13.2.2019 / S2 / OP9
13	272	Dr. PRAMENDRA KUMAR BAJPAI	ASSISTANT PROFESSOR	NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY	paramendra.pk@gmail.com	Effect of chemical treatment on impact strength and dynamic mechanical properties of Jute/PLA composites	Dr Pramendra Kumar Bajpai	Oral Presentation	13.2.2019 / S2 / OP10
14	301	Dr. SMITHA CHANDRAN S	ASSISTANT PROFESSOR	Amrita Vishwa Vidyapeetham	smithachandran2014@gmail.com	Facile Synthesis of Silver Nanoparticles from Tinospora cordifolia with multiple Applications	Sreehari	Oral Presentation	13.2.2019 / S2 / OP11
15	305	Dr.Basavaraj Talikoti	Associate Professor	Pillai College of Engineering	btalikoti21@gmail.com	Material testing and evaluation of crankshafts for structural analysis	Dr Basavaraj Talikoti	Oral Presentation	13.2.2019 / S1 / OP37
16	319	Dr.P. Dhaiveegan	Post doc Fellow	Tatung University, Taipei	dhaivee8585@gmail.com	Biomass-derived carbon coating on Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> anode materials with a comprehensively enhanced performance for lithium-ion batteries	P. Dhaiveegan	Oral Presentation	13.2.2019 / S1 / OP35

### Poster presentation

S. No.	Reg ID	Name	Designation	Organization	Email	Abstract Title	Presenting Author	Mode of presentation	Schedule
1	9	Mr. SHARAT R. A.	Student	SRM IST	sharathchemistry118@gmail.com	Photoluminescence and nonlinear optical studies of Ce <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> nanocomposites	Sharath RA	Poster Presentation	13.02.2019 / PP1
2	23	Ms. J Vidya	Research Scholar	Government Arts College for Men Nandanam Chennai	vidhi.js@gmail.com	NiO - Polyaniline nanocomposite as adsorbent and photocatalyst in the removal of Methylene blue dye	J Vidya	Poster Presentation	13.02.2019 / PP2
3	26	Mr. Ayappan	student	SRMIST	ayyappanarjunan@gmail.com	Enhanced Visible light Induced Photocatalytic Degradation of Cationic Dyes by Nitrogen-Sulfur doped-BiFe <sub>3</sub> O <sub>4</sub> Graphene Oxide Nanocomposites	Ayappan	Poster Presentation	13.02.2019 / PP3
4	48	Mr. Uttam Kumar Panigrahi	Research Scholar	SRMIST	uttamkumar.s@ktr.srmuniv.ac.in	Catalytic Activity of Nano Crystalline Barium Titanate	Uttam kumar Panigrahi	Poster Presentation	13.02.2019 / PP4
5	62	Dr.Vijayakumar T	ASSISTANT PROFESSOR	SRM Institute of Science and Technology	vijayakumar.t@vdp.srmuniv.ac.in	Prospective Nitrogen and Boron Doped Graphene Oxide and Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Composite as Anode Materials for Lithium-ion Battery Applications	T.Vijayakumar	Poster Presentation	13.02.2019 / PP5
6	70	Mr. Sridharan M	Research scholar	SRMIST	srichemgk@gmail.com	Economically viable Synthesis of CeO <sub>2</sub> nanoparticles and evaluation of their Photocatalytic activity	Sridharan M	Poster Presentation	13.02.2019 / PP6
7	71	Mr. Sridharan	Research scholar	SRM university	ranjilotsu31@gmail.com	Electron transport Performance of CeO <sub>2</sub> Doped TiO <sub>2</sub> Nanoparticles in Dye Sensitized Solar Cells	S. Ranjitha	Poster Presentation	13.02.2019 / PP7
8	79	Mr. K. R. Arul Saravanan	Student	SRM Research Institute	red1arul@gmail.com	Peanut Shell Derived Activated Carbon Nanosheet: A Metal-free Electro-catalyst for Enhanced Hydrogen Evolution Reaction	K R Arul Saravanan	Poster Presentation	13.02.2019 / PP8
9	81	Prof. Muhammed Ismayil K. M.	ASSITANT PROFESSOR	Nirmalagiri College	ismukm@gmail.com	Surface Modified PVC Films for Vapour Permeability Studies	Muhammad Ismayil K. M.	Poster Presentation	13.02.2019 / PP9
10	84	Mr. Prasad Kumar	Research Scholar	Mangalore University	prasadmukarkulal@gmail.com	Influence of target to substrate distance, on the structural, morphological and optical properties of Al doped ZnO thin film prepared by pulsed laser deposition technique	Prasad Kumar	Poster Presentation	13.02.2019 / PP10
11	85	Mr. Tanmay Dashaputre	Student	SRM Institute of Science and Technology	tdeshputre@yahoo.com	Theoretically Exceptional Electro-optic Chromophores and the Substitutional effect on First order Hyperpolarizability for Ultrafast Communication Applications	Tanmay Dashaputre	Poster Presentation	13.02.2019 / PP11
12	86	Ms. Veena Shivadas Kindalkar	Research Scholar	Mangalore University	veenakindalkar@gmail.com	Sol-gel synthesized spin coated GO:ZnO composite thin films: Optical, structural and electrical studies	Veena Shivadas Kindalkar	Poster Presentation	13.02.2019 / PP12
13	90	Dr. Natarajan Abirami	ASSOCIATE PROFESSOR	SRMIST	abirami.n@ktr.srmuniv.ac.in	Green Synthesis of Zinc Oxide nanoparticles and its Characterization using Simarouba glauca leaf extract	N. Abirami	Poster Presentation	13.02.2019 / PP13
14	96	Ms.Rashmi Gupta	Research Scholar	Banaras Hindu University Varanasi	rashmigupta4feb@gmail.com	An inorganic-nano hybrid electromagnetic material - Synthesis, characterization and electrical impedance analysis	Rashmi Gupta	Poster Presentation	13.02.2019 / PP14
15	99	Ms.R Elakkiya	Research Scholar	SRMIST	elakivi26@gmail.com	Design of Nickel-Cobalt Oxide Nanomaterial for Non-Enzymatic Glucose Fuel Cell System	Rajasekaran Elakkiya	Poster Presentation	13.02.2019 / PP15
16	101	Dr.V Ganesan	Associate Professor	Banaras Hindu University	velganesh@yahoo.com	Metal nanoparticles wired metal-organic frameworks: Synthesis, characterization, and electroanalytical applications	V. Ganesan	Poster Presentation	13.02.2019 / PP16
17	102	Mr. P. Rajkumar	Research scholar	Alagappa University	rajphysics@yahoo.com	Investigation on Sulfur/Polyaniline/Graphene Oxide Composite Electrode Material for Lithium Sulfur Battery Application	P Rajkumar	Poster Presentation	13.02.2019 / PP17
18	109	Ms. Prateekshita Mukherjee	Research Scholar	SRMIST	sheenungo@gmail.com	Efficient Electro-catalytic Performance Of Hexagonal Nanoplates Of Platinum Based Alloy	Prateekshita Mukherjee	Poster Presentation	13.02.2019 / PP18
19	111	Mr.T. H. Vignesh Kumar	Research Scholar	SRM IST	vigneshchemistry2017@gmail.com	Glutaraldehyde Cross-Linked-Acetylcholinesterase-Semiconducting Single-Walled Carbon Nanotubes Wrapped with Bovine Serum Albumin Electrochemical	T.H. Vignesh Kumar	Poster Presentation	13.02.2019 / PP19
20	117	Mr.V. Govindarajan	Research scholar	Research Centre of Physics, Vel Tech Multitech Dr	sshanmugan@veltechmultitech.org	Effect of Carbon Nanotubes: Improvement of Cement properties	M. Manikandan	Poster Presentation	13.02.2019 / PP20
21	127	Dr. S Devikala	Assistant Professor	SRM IST	sdevikala@gmail.com	Electrochemical performance of PVA/AI <sub>2</sub> O <sub>3</sub> composite in 3.5%NaCl	S. Devikala	Poster Presentation	13.02.2019 / PP21
22	128	Dr. S Devikala	Assistant Professor	SRM IST	devikala.s@ktr.srmuniv.ac.in	Chemical sensing behaviour of PVDF/ZrO <sub>2</sub> Composite	S. Devikala	Poster Presentation	13.02.2019 / PP22
23	129	Dr. S Devikala	Assistant Professor	SRM IST	lsrinivasan74@gmail.com	Electrochemical performance of PVDAI composite in marine environment	S. Devikala	Poster Presentation	13.02.2019 / PP23
24	130	Ms. Shilpi Sengupta	PhD Scholar	SRM IST	sengupta.shilpi081@gmail.com	Nanostructured Ni <sub>x</sub> Co <sub>2</sub> -XO <sub>4</sub> as advanced anode material for next generation lithium-ion battery	Shilpi Sengupta	Poster Presentation	13.02.2019 / PP24
25	131	Ms. J. M. Abisha Rani	Research scholar	SRM IST	abisha2595@gmail.com	Dye sensitized solar cell based on Bio synthesis of TiO <sub>2</sub> Nanoparticles using Averrhoa bilimbi extract	J. M. Abisha Rani	Poster Presentation	13.02.2019 / PP25
26	132	Ms. Jeena N Baby	Research Scholar	Stella Maris College	jeenanirappathu@gmail.com	Synthesis of Magnesium Ferrite in deep eutectic solvent for visible light driven photocatalytic activity.	Jeena N. Baby	Poster Presentation	13.02.2019 / PP26
27	135	Dr. D. Paradesi	Assistant Professor	SRM IST	paradesi.d@ktr.srmuniv.ac.in	Development and Physico-Chemical Characterization of Novel Polymer Electrolyte Composite Membranes for Fuel Cells	Dr. D. Paradesi	Poster Presentation	13.02.2019 / PP27
28	137	Ms.T. L. Ajeesha	RESEARCH SCHOLAR	STELLA MARIS COLLEGE	ajeeshathankam@gmail.com	Investigation of Structural and Magnetic properties of Nickel doped Magnesium ferrites synthesized by chemical co-precipitation method	T. L. Ajeesha	Poster Presentation	13.02.2019 / PP28
29	142	Mr. M. subash	student	SRM IST	subashking56@gmail.com	Polymerization of pyrrole by phosphomolybdic acid in presence of carbon to form polypyrrole/carbon composite as a electrocatalyst for oxygen reduction reaction	Subash M	Poster Presentation	13.02.2019 / PP29

30	144	Mr. Gopala Krishnan Durairaj	Junior Research Fellow	SRM Institute of science and technology	krish83105@gmail.com	organometallic Ru(II)-arene functionalized Gold Nanoparticles:DNA and Protein cleavage and cytotoxicity	Gopala Krishnan Durairaj	Poster Presentation	13.02.2019 / PP30
31	149	Mr.RAJESH R	Msc chemistry	SRMIST	rajesh050797@gmail.com	SIMULTANEOUS DETECTION OF DOPAMINE,URICACID,ASCORBICACID ON Ag doped ZnO nanoparticales	Rajesh R	Poster Presentation	13.02.2019 / PP31
32	153	Ms.preethika	Research scholar	SRM IST	preethikam95@gmail.com	Nile red –Humic acid Composite as a Electrochemical Sensor for Dopamine on Glassy Carbon Electrode	M Preethika	Poster Presentation	13.02.2019 / PP32
33	160	Mrs.M Gayathri	Research scholar	SRM IST	sureshbr251@gmail.com	synthesis of nickeloxide nanoparticle by the effect of different calcination time	M Gayathri	Poster Presentation	13.02.2019 / PP33
34	188	Ms.SHAIK MUNIMASTHANI	Research Scholar	Acharya Nagarjuna University	allushaik999@gmail.com	Praseodymium doped Cadmium calcium pyrophosphate nanophosphors for efficient LED's	Shaik Munimasthani	Poster Presentation	13.02.2019 / PP35
35	191	Mr.Kishore kumar	Student	Student	kishorevijay1999kbn@gmail.com	Synthesis and characterization of mixed matrix thin film nano composite membrane	Kishore Kumar	Poster Presentation	13.02.2019 / PP36
36	195	Mr.parthiban	student	SRM IST	parthibanmunn61@gmail.com	Green synthesized and characterization of GO-CeO2 Nano composite material exhibiting photo catalytic Degradation of dye waste water	Parthiban C	Poster Presentation	13.02.2019 / PP37
37	200	Mr.Sasikumar	Assistant Professor	SRM institute of Science and Technology	sasikumar.scholar@gmail.com	Effect of Sub-Micron Sized TiB2 on Hardness and Wear Behaviour of Al7SiMg Alloy	Sai Charan Moolam	Poster Presentation	13.02.2019 / PP38
38	211	Mr.LAXMI NARAYANAN B	MTech	SRM Institute of Science and Technology	Laxnarayanan73@gmail.com	Effect of composite CFST column to beam embedded connection under static loading	B. Laxmi Narayanan	Poster Presentation	13.02.2019 / PP39
39	219	Mrs.Sridevi D V	Research scholar	SRM university	rsgurucharan@gmail.com	The pH-driven structural, microstructural and optical properties of TiO2 nanoparticles	D.V. Sridevi	Poster Presentation	13.02.2019 / PP40
40	238	Mr.MUKUNDAN	Research Scholar	B S A Crescent Institute of Science and Technology	reportsqueries@gmail.com	Antimicrobial activity of synthesized silver and gold nanoparticles using biomolecules from aqueous extract of Bauhinia tomentosa Linn leaves	V. Hari Shankar	Poster Presentation	13.02.2019 / PP41
41	250	Mr.Sayantan Maity	PhD Scholar	Shiv Nadar University	sm942@snu.edu.in	Microwave assisted synthesis of P doped graphitic material and it's application	Sayantan Maity	Poster Presentation	13.02.2019 / PP42
42	255	Ms.M Saranya Devi	Research scholar	SRM IST University	saranleela7@gmail.com	Composites of Bi2O3 nanorods for photocatalytic degradation of methylene blue	M. Saranya Devi	Poster Presentation	13.02.2019 / PP43
43	257	Mr.Prathap M	MSc Student	ICRAMC	prathaspooky@gmail.com	Synthesis and Characterization of SPEEK/ZCO Polymer Composite Membranes for Fuel Cell Applications	M. Prathap	Poster Presentation	13.02.2019 / PP44
44	259	Mr.Govinda raj M	Student	SRM IST	govindh150497@gmail.com	N, S Dual Doped Reduced Graphene Oxide Supported Palladium-Silver Nanoparticles: An Efficient Catalyst for Methanol Oxidation Reaction in Alkaline Medium	Govinda raj M	Poster Presentation	13.02.2019 / PP45
45	260	Dr.D Manjula Dhevi	A P Sr	SRMIST	manjuladhevi.d@ktr.srmuniv.ac.in	Phase Transition Behavior of PVDF and P(VDF-TrFE) Ultrathin Films by FTIR-GIRAS	D. Manjula Dhevi	Poster Presentation	13.02.2019 / PP46
46	265	Mr.Maiyelvaganan	Research Scholar	SRM IST	drmaiylchemistry1995@gmail.com	DFT Studies of Adsorption of Ionic Liquids (ILs) on the Graphene and Carbon Nanotube (CNT) Surfaces	K R Maiyelvaganan	Poster Presentation	13.02.2019 / PP47
47	266	Mr.s.kamalakkanan	Ph.D scholar	SRM University	kannanss414@gmail.com	DFT studies on adsorption of fluorinated and non-fluorinated ILs at Au(111) Surface: Role of alkyl chain lengths and anions.	S. Kamalakkanan,	Poster Presentation	13.02.2019 / PP48
48	273	Mr.Joshua Samuel S	Student	SRMIST	sjshusamuel@gmail.com	Spectroscopic Investigations of Constituents of Rock Minerals – Garnet of Eastern Ghats	S Joshua Samuel	Poster Presentation	13.02.2019 / PP49
49	279	Prof.N UMAMAHESWARI	PROFESSOR	SRM IST	umamaheswari.n@ktr.srmuniv.ac.in	Flexural Behaviour of Reinforced Concrete Beams with Partial Replacements of Metakaolin and Marble Powder	Prof N Umamaheswari	Poster Presentation	13.02.2019 / PP50
50	287	Mr.Radhakrishnan K	Research scholar	SRM IST	radhakrishnan.k@ktr.srmuniv.ac.in	Facile Green Synthesis of Carbon Dots@ C3N4 Nanosheets for the Sensitive Detection of Heavy Metals	Radhakrishnan K	Poster Presentation	13.02.2019 / PP51
51	288	Mrs.PRATHIBHA E	Asst Professor	Guru Nanak College	adrian.prathi@gmail.com	Synthesis of MnO2 coated magnetic carbon dot nanohybrid material for the selective oxidation of benzyl alcohol and alkylarene	Prathibha E	Poster Presentation	13.02.2019 / PP52
52	292	Dr.Anandan	Assistant Professor	AMET University	anand.ka@ametuniv.ac.in	Solvents mediated enhanced optical properties of zirconia (ZrO2) nanoparticles	Dr K Anandan	Poster Presentation	13.02.2019 / PP53
53	296	Mr.Marimuthu	Research Scholar	SRMIST	msqubechem@gmail.com	Electrochemical Performance of Nickel Magnesium Cobaltate (MCo2O4) Nanocomposite as a Cathode Material for Magnesium Ion Battery	Marimuthu	Poster Presentation	13.02.2019 / PP54



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Mode of Presentation							Date: 14.02.2019		
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S. No.	Reg ID	Name	Designation	Organization	Email	Abstract Title	Presenting Author	Mode of presentation	Schedule
1	17	Mr. M Gururaj Acharya	Research Scholar	National Institute of Technology, Karnataka	nityashreya@gmail.com	Effect of Anionic Surfactant as Inhibitor on the Corrosion of AZ31 Alloys in Sodium Chloride Medium	M Gururaj Acharya	Oral Presentation	14.2.2019 / S3 / OP37
2	24	Dr.Rajesh Kumar Sharma	Associate Professor of Chemistry	KMCPGS, Pondicherry	rksepr@gmail.com	XRD, FT-IR, EPR and Optical Absorption Studies of xV2O5-(1-x) Bi2O3 Polycrystalline System	K. Jayanthi	Oral Presentation	14.2.2019 / S3 / OP12
3	29	Dr. Ajay Kumar Gupta	Assistant Professor of Chemistry	Tagore Government Arts and Science College	ajaychem1@gmail.com	An simple approach for biophysical interaction analysis using electrochemical impedimetric technique	Dr Ajay Kumar Gupta	Oral Presentation	14.2.2019 / S4 / OP19
4	30	Mr.Prashanth	Junior research fellow	PSG Institute of Advanced Studies	gph@psgias.ac.in	Low temperature synthesis of nanostructured cubic garnet electrolyte powders for solid state lithium ion batteries	G Prashanth	Oral Presentation	14.2.2019 / S3 / OP13
5	42	Mr. Dharmendra Kumar Yadav	Senior Research Scholar	Banaras Hindu University	dharmendra87chem@gmail.com	In search of alternate source for fossil fuels: Electrocatalytic hydrogen evolution reaction by a composite of gold nanoparticles and zinc-based metal organic framework	Dharmendra Kumar Yadav	Oral Presentation	14.2.2019 / S3 / OP14
6	76	Ms.KAVYASHREE SUKAD KEREMANE	RESEARCH SCHOLAR	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA	kavyakeremane@gmail.com	Synergistic interaction of ruthenium sensitizer with novel co-sensitizers carrying different acceptor units in dye-sensitized solar cells	Kavya S Keremane	Oral Presentation	14.2.2019 / S3 / OP16
7	110	Mrs.B Nagamani	Lecturer in physics	government degree college	nagamani1411@gmail.com	Structural Analysis of Mixed alkali Borosilicate Glasses Vandyl as spin probe	B Nagamani	Oral Presentation	14.2.2019 / S4 / OP20
8	116	Ms.Kavitha	Research scholar	aDepartment of Chemistry Vel Tech Multitech Dr.R	s.shanmugam1982@gmail.com	Synthesis, Spectroscopic Characterization and, Antimicrobial Studies of Novel Tritendate Schiff base Rare earth Nano metal complexes	Thameen Ansari	Oral Presentation	14.2.2019 / S4 / OP21
9	118	Mr.Palanikumar.G	Research scholar	veltech multitech engineering college	gpalanimca@gmail.com	Solar cooking thermal Image Processing applied to time series analysis of Fuzzy Stage and Inconsiderable Fourier transform method	Palanikumar.G	Oral Presentation	14.2.2019 / S4 / OP22
10	125	Dr.Ashish Kapoor	Associate Professor	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ashishkapoor.o@ktr.srmuniv.ac.in	Cotton cloth as a substrate for microfluidic devices: flow studies and analytical applications	Ashish Kapoor	Oral Presentation	14.2.2019 / S4 / OP23
11	136	Ms.Payal Maharathi	Student	SRM Institute Of Science and Technology	niki.maharathi1@gmail.com	Characterization of biochar obtained from various organic materials and its application for removal of ciprofloxacin	Payal Maharathi	Oral Presentation	14.2.2019 / S3 / OP17
12	138	Dr.kanchan Upadhyay	post doc fellow	Mahatma Gandhi University	kanchan.chemistry@gmail.com	Tuning of photoluminescence emission of Y2SiO5:Tb3+, Eu3+ phosphors by altering the Tb3+, Eu3+ ratio	Dr Kanchan Upadhyay	Oral Presentation	14.2.2019 / S4 / OP24
13	140	Dr.Raunak Kumar Tamrakar	Research Scholar	Bhilai Institute of technology	raunak.ruby@gmail.com	Efficient Energy Transfer Between Nd3+ → Yb3+ Codoped Gd2O2S Host For NIR Emission	Raunak Kumar Tamrakar	Oral Presentation	14.2.2019 / S3 / OP18
14	141	Mr.Chethan	Project Assistant	CSIR NAL	dileepa.am@gmail.com	High temperature oxidation behaviour of HVOF sprayed Ni-30 Mullite coating on mild steel	Chetan	Oral Presentation	14.2.2019 / S4 / OP25
15	298	Dr. Sreedha Sambhudevan	Assistant Professor	Amrita Vishwa Vidyapeetham	sreedha@am.amrita.edu	Green Nanocomposites Based on Natural Rubber Latex Containing Xylan from Sugarcane Bagasse- Synthesis, Characterization and Dye Absorption Studies	Sreedha Sambhudevan	Oral Presentation	14.2.2019 / S4 / OP26
16	358	Dr. R. Sakthivel	Senior Principal Scientist	Institute of Minerals and Materials Technology	djpt.priya123@gmail.com	Synthesis and characterization of Titania modified fly ash and its antibacterial property	Diptipriya Sethi	Oral Presentation	14.2.2019 / S3 / OP15

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1	4	Ms.Lavanya A	Assistant Professor	SRMIST	lavanyasmeec@gmail.com	Selection of renewable energy materials for dual input DC-DC Converter based hybrid energy system	Prakash Deep Suman	Poster Presentation	14.02.2019 / PP55
2	6	Dr.Senthil R	Associate Professor	SRM Institute of Science and Technology	senthilsm@gmail.com	Enhancement of productivity of parabolic dish solar cooker using integrated phase change material	Ramalingam Senthil	Poster Presentation	14.02.2019 / PP56
3	7	Dr.Harindran Suhana	Assistant Professor	SRM Institute of Science and Technology	suhana.h@ktr.srmuniv.ac.in	Synthesis and photophysical properties of benzophenone derivatives	Narayanasamy	Poster Presentation	14.02.2019 / PP57
4	8	Mr.CHINNASAMY E	RESEARCH SCHOLAR	GOVT ARTS COLLEGE FOR MEN NANDANAM	chinnacrystal1992@gmail.com	Synthesis, Growth, Structural, Optical, Thermal and Mechanical Studies on Cadmium Nitrate P-Nitrophenol: A semi-organic nonlinear optical Single Crystal	E Chinnasamy	Poster Presentation	14.02.2019 / PP58
5	13	Mr.KUMARAGURU S	Research Scholar	SRM IST	kumaraguru61189@gmail.com	Tin-based Metal-Organic Frameworks Derived Mixed Metal Oxide as Efficient Anode Material for Li-ion Batteries	S. Kumaraguru	Poster Presentation	14.02.2019 / PP59
6	28	Dr.Balaji Gnanasikamani	Associate Professor	SRM Institute of Science And Technology	gbalajimech79@gmail.com	Experimental investigation on CO2 mitigation in the exhaust gases of a single cylinder diesel engine powered by plastic oil	Balaji G	Poster Presentation	14.02.2019 / PP61
7	32	Mr.PARTHASARATHI	Assistant professor	SRMIST	nrrpartha@yahoo.co.in	Analysis, Design And Experimental Studies On Two-Dimensional Multi-Storey, Multibay Reinforced Concrete Framed Structure Using Photo elasticity	TVS Abhiram	Poster Presentation	14.02.2019 / PP62
8	33	Mr.PARTHASARATHI	Assistant Professor	SRMIST	parthasarathi.n@ktr.srmuniv.ac.in	Influence of Pneumatic Interface pressure In Reinforced Concrete Infilled Frames	Nparthasarathi	Poster Presentation	14.02.2019 / PP63
9	34	Mr.SENTHILKUMARAN M	Research Scholar	Alagappa University	senthilkumaransbk@gmail.com	Silica supported polyaminals for selective CO2 capture	Senthilkumaran m	Poster Presentation	14.02.2019 / PP64
10	35	Mr.C SARAVANAN	RESEARCH SCHOLAR	ALAGAPPA UNIVERSITY	saravananr192@gmail.com	Electrocatalytic CO2 reduction using calix[n]imidazole	Chokalingam Saravanan	Poster Presentation	14.02.2019 / PP65
11	37	Mrs.HEMALATHA A	Assistant Professor	Government Arts College (Men), Nandanam	ahphyqmgc@yahoo.com	Synthesis, Growth and Characterisation of a New Nonlinear Optical Material of L-Norvalinium Hydrogen Maleate	A Hemalatha	Poster Presentation	14.02.2019 / PP66
12	39	Ms.RYogapriya	Junior Research Fellow	SRM University	yogapriyabr93@gmail.com	Investigations on Durability of Thermal/NIR Cured Superhydrophobic Coatings on Stainless Steel -AISI 304	Yogapriya	Poster Presentation	14.02.2019 / PP67
13	40	Mrs.AMITA BISWAL	Student	SRMIST	amitabiswal1988@gmail.com	Air quality monitoring system for indoor environment using IoT	Amita Biswal	Poster Presentation	14.02.2019 / PP68
14	45	Dr.RAJAMANICKAM RAJARAM	ASSISTANT PROFESSOR	ANNAMALAI UNIVERSITY	mrrmanickam@yahoo.co.in	Use of thermal energy storage materials for enhancement in distillate output of double slope solar still	Rajamanickam Rajaram	Poster Presentation	14.02.2019 / PP69
15	49	Ms.Gopika G Kumar	Research Scholar	SRM University	gopu8055@gmail.com	Glucose Activated Ni-V2O5 As Negative Electrode Materials for Lithium-Ion Rechargeable Batteries	Gopika G. Kumar	Poster Presentation	14.02.2019 / PP70
16	55	Dr. Nirmala Putta Narasimhan	Assistant Professor	Sri Meenakshi Govt Arts College For Women	pnirmala@yahoo.com	Comparative studies on efficiency of single and double glassed solar water heater	Nirmala Putta Narasimhan	Poster Presentation	14.02.2019 / PP71
17	58	Mrs.SARASWATHI G	Juniour research fellow	SRMIST	sarasganesb94@gmail.com	Synthesis, characterisation and photophysical behaviour of novel organic- inorganic hybrid perovskites	G.Saraswathi	Poster Presentation	14.02.2019 / PP72
18	61	Ms.Divya Navamani	Assistant professor	SRM	divyanavamani.j@ktr.srmuniv.ac.in	Reliability and material analysis of voltage-lift quadratic boost converter for xenon lamps	Divya Navamani J	Poster Presentation	14.02.2019 / PP73
19	80	Mr.Varun Shrotri	Student	KJ Somaiya College of Engineering	varun.shrotri@somaiya.edu	Density and Viscosity measurements of Ca(NO3)2-NaNO3-KNO3 ternary salt systems	Varun Shrotri	Poster Presentation	14.02.2019 / PP74
20	88	Ms.ragaverthini c	Research Scholar	Srm Institute Of Science and Technology	ragavivishaly@gmail.com	Design of Mechanically Dual Responsive Molecular Crystals	C Ragaverthini	Poster Presentation	14.02.2019 / PP75
21	91	Mrs.CHITRA V	RESEARCH SCHOLAR	PRESIDENCY COLLEGE	chit.neha07@gmail.com	Synthesis, Characterization and Liquid Crystalline behaviour of certain new poly(ester amides)	V.Chitra	Poster Presentation	14.02.2019 / PP76
22	94	Mr.Vignesh A	Senior Engineer	India Piston Rings	lab@iprings.com	INFLUENCE OF CARBIDIC BANDS ON LIFE OF ORBITAL COLD FORGING DIE	Vignesh A	Poster Presentation	14.02.2019 / PP77
23	120	Ms.S. Bhavani	Research scholar	Vel tech Multitech Engineering College	sbhavanivmt@gmail.com	Analysis of box type solar cooker with form in Fuzzy Stage and Fourier transform method	K. Annie Hepzibha	Poster Presentation	14.02.2019 / PP78
24	121	Ms.DIVYA S	STUDENT	ANNA UNIVERSITY	divyasampath7@gmail.com	Investigation of third order optical nonlinearities of an optical material	S Divya	Poster Presentation	14.02.2019 / PP79
25	122	Dr.Muthamilselvi	Assistant Professor	SRM Institute of Science and Technology	muthamilselvi.p@ktr.srmuniv.ac.in	Eco-Friendly Alternative For The Removal Of Phenol Using Cheemai Karuvel Leaf Powder	P.Muthamilselvi	Poster Presentation	14.02.2019 / PP80
26	139	Mr.Dineshkumar Raja	Research Scholar	SRMIST	dineshamutharaj@gmail.com	Synthesis and Characterization of Novel (5-(2-(pyren-1-yl)ethynyl)thiophene-2-carbaldehyde and 10-decyl-7-(2-(pyren-1-yl)ethynyl)-10H-phenothiazine-3-carbaldehyde)	Dineshkumar Raja	Poster Presentation	14.02.2019 / PP81
27	146	Ms.M.DEEPKA	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	123deepikaa@gmail.com	Corrosion inhibitive action of imidazole derivatives on mild steel in acid medium	M. Deepika	Poster Presentation	14.02.2019 / PP82
28	147	Dr.E Sundaravivel	Assistant Professor	SRM IST	sundaravivelchem@gmail.com	Simple Cationic and Anionic Colorimetric Receptors Based on the Benzoic Acid Derivatives	Sundaravivel E	Poster Presentation	14.02.2019 / PP83
29	150	Ms.M Berlina	PhD Scholar	ICRAMC 2019	berlinsim2@gmail.com	Organic-Inorganic Proton Conducting Polymer Electrolyte Membranes for Fuel Cell Applications	M. Berlina	Poster Presentation	14.02.2019 / PP84
30	151	Mr.MIHUL	STUDENT	SRM IST	mihulgabhane03@gmail.com	Detection of Adulteration In Sunflower Oil Using Paper-Based Microfluidic Lab-on-a-Chip Devices	Mihul Gabhane	Poster Presentation	14.02.2019 / PP85
31	157	Mr.S.Balamurugan	Research scholar	SRM IST	balamuruganchemist95@gmail.com	Influence of synthesized organic compound 2,6-Bis(2-benzimidazolyl) pyridine in polymer electrolyte and its application in dye-sensitized solar cell	S.Balamurugan	Poster Presentation	14.02.2019 / PP86

32	161	Ms.K Poonkuzhali	PhD Scholar	ICRAMC 2019	poonkuzhalimangai@gmail.com	High Efficiency Novel Polymer Electrolyte Membranes for PEMFC Applications	K. Poonkuzhali	Poster Presentation	14.02.2019 / PP87
33	163	Ms.KASTHURI S	Ph D	SRM IST	kasthuri.s@ktr.srmuniv.ac.in	Selective detection of Trinitrophenol by Amphiphilic Water soluble Dimethylaminopyridine Appended Zn(II)Phthalocyanines at Near Infrared Region	S. Kasthuri	Poster Presentation	14.02.2019 / PP88
34	170	Mr.ABDUL KAREEM	PhD scholar	SRM IST	karimabdu077@gmail.com	Two step hydrothermal Synthesis of Molybdenum trioxide with Nitrogen doped Graphene (MoO <sub>3</sub> /N-rGO) as an effective Electrocatalyst for Hydrogen Evolution Reaction	Abdul kareem	Poster Presentation	14.02.2019 / PP89
35	172	Mr.DeM Sivakami	Assistant Professor	SRMIST	sivakami.m@ktr.srmuniv.ac.in	Green Synthesis of Potentially Bio active novel Mannich bases through active hydrogen compounds	Sivakamisudhasankar	Poster Presentation	14.02.2019 / PP90
36	177	Mr.TAMILSELVAN A	MSc II	SRM IST	tamilselvan311997@gmail.com	Hydrothermal synthesis of flower-like Ni <sub>3</sub> Co <sub>2</sub> -xO <sub>4</sub> for high performance supercapacitors	Tamilselvan	Poster Presentation	14.02.2013 / PP104
37	181	Mr.Mrinal Kumar	Student	SRM Institute of Science and Technology	mrinalk47@gmail.com	Finite element analysis of prefabricated Ferrocement wall panels under lateral cyclic loading	G.S.G. Moudgalya	Poster Presentation	14.02.2019 / PP91
38	182	Ms.PAMULA SRI SRUTHI	Student	SRM Institute Of Science and Technology	sruthirao98@gmail.com	Demonstration of Green Cosmetic Product Synthesis	P Sri Sruthi	Poster Presentation	14.02.2019 / PP92
39	197	Mr.manoj	Student	SRMIST	manoj_raamakrishnan@srmuniv.edu.in	Design and fabrication of concrete garden seat	Manoj R	Poster Presentation	14.02.2019 / PP93
40	201	Mr.SATISH S	STUDENT	SRM institute of Science and Technology	satish06061996@gmail.com	Study on RC frame with precast wall panel with steel rope as bracing	S. Satish	Poster Presentation	14.02.2019 / PP94
41	202	Mr.ANSARI K	M TECH STRUCTURAL ENGINEERING	SRM institute of Science and Technology	ansari07k@gmail.com	Seismic analysis of the RCC structure using slosh tank water damper	K. Ansari	Poster Presentation	14.02.2019 / PP95
42	227	Mr.Tamilvelan M	student	SRMIST	tamilvelan36@gmail.com	Non thermal plasma surface engineered Chitosan for air purification and other environmental applications	M. Tamilvelan	Poster Presentation	14.02.2019 / PP96
43	234	Mrs.MARY REBEKAH SHARMILA	Assistant professor	SRM IST	rebeekasharmila@gmail.com	Study of properties of soil stabilized with human hair fibre and chloride compounds	Mary Rebekeh Sharmila	Poster Presentation	14.02.2019 / PP97
44	242	Ms.Mayuri Ingle	Student	SRM IST	muditkumar9040864955@gmail.com	Comparitive Analysis of Nickel Nanoparticles Synthesis by Two Different Methods – Conventional and Green Method of Synthesis.	Ms.Mayuri Ingle	Poster Presentation	14.02.2019 / PP60
45	243	Ms.PRAMI NANDI	RESEARCH SCHOLAR	INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE	epn@iacs.res.in	Fabrication of ternary ZnO-CdS-CuS heterostructure for methyl orange dye degradation.	Prami Nandi	Poster Presentation	14.02.2019 / PP98
46	256	Dr.pramod Kumar	National Post Doctoral Fellow	SRM Institute of Science and Technology	pramod7147@gmail.com	Influence of 3,4-Dihydroxybenzaldehyde on the Anti-corrosion performance of NW alloy coatings and its properties	Pramod Kumar	Poster Presentation	14.02.2019 / PP99
47	258	Mr.yuvaraj	Msc student	SRM IST	yuvrajraja880@gmail.com	Synthesis, photophysical and chemosensing behavior Pyrene-Thiohydantoin conjugates	R. Yuvaraj	Poster Presentation	14.02.2019 / PP100
48	262	Ms.Kiran Preethi K	JRF	SRM IST	kkp.kiran187@gmail.com	MnO <sub>2</sub> /Coal composite as an Electrode Material for Rechargeable Systems	Kiran Preethi K	Poster Presentation	14.02.2019 / PP101
49	271	Ms.M Priyadarshini	Research Scholar	SRM Institute of Science and Technology	priyadarshini.m@ktr.srmuniv.ac.in	Metal Organic Framework Based Material as Anode for Rechargeable Li-ion Batteries	M Priyadarshini	Poster Presentation	14.02.2019 / PP102
50	275	Mr.MUTHUKUMARAN S	STUDENT	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	muthukumarainai109@gmail.com	Simultaneous Electrodeposition of Co-Fe Nanomaterials as Electrocatalyst for Improved Oxygen Evolution Reaction	Muthukumar S	Poster Presentation	14.02.2019 / PP103
51	281	Mrs.B MUTHTHAMIZH	RESEARCH SCHOLAR	SRMIST	drasowmya@gmail.com	Evaluation of nitrate removal efficiency of melamine based resins	B Muththamizh	Poster Presentation	14.02.2019 / PP105
52	293	Mr.Ajith Rajendran	Student	SRM	rajith2712@gmail.com	Experimental investigation and weld characterization analysis on carbon steel by using Nd:Yag laser welding	Ajith Rajendran	Poster Presentation	14.02.2019 / PP106
53	295	Ms.PRAJITHA V	Research Scholar	Mahatma Gandhi University Kottayam	prajiprivi.11@gmail.com	Graphene oxide reinforced natural rubber latex system	Prajitha V	Poster Presentation	14.02.2019 / PP107
54	304	Mrs.NSUBASREE	Research scholar	SRMIST	suba25692@gmail.com	Corrosion Inhibition Performance of Imidazolium Ionic Liquid for Mild Steel in 1 M HCl: Electrochemical and Weight Loss Studies	N Subasree	Poster Presentation	14.02.2019 / PP108
55	351	Mrs. C. Kalaiselvi	Research scholar	Alagappa University	kashikoushi@gmail.com	Preparation and characterization of Sepiolite/carbon derived from peanut shell/Sulfur electrodes for Lithium sulfur battery	C Kalaiselvi	Poster Presentation	14.02.2019 / PP109



### 3<sup>rd</sup> INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATERIAL CHEMISTRY (ICRAMC-2019)

13-15 February 2019

Organized by

Department of Chemistry, SRM IST, Kattankulathur-603203, India

In Association with

Alternative Energies and Atomic Energy Commission (CEA), France



Mode of Presentation							Date: 15.02.2019		
Oral presentation									
S. No.	Reg ID	Name	Designation	Organization	Email	Abstract Title	Presenting Author	Mode of presentation	Schedule
1	14	Dr.H Arul	Assistant Professor	Kumaraguru College of Technology	arul.h.sci@kct.ac.in	Studies on Growth aspects and Hardness Parameters of Self-assembled Supra Molecular Structure: Picolinium dihydrogen phosphate (PDP)	H. Arul	Oral Presentation	15.2.2019 / SS / OP39
2	73	Mr.TST Balamurugan	Research Scholar	National Taipei University of Technology, Taiwan	tsbalamurugan@gmail.com	A Digital Molecular Switch for Selective Detection of Cysteine in Live Cells, Whole Blood and for the Quantification of Aminocyclase-1	T.S.T Balamurugan	Oral Presentation	15.2.2019 / SS / OP27
3	97	Mr.Shivakarthik	Visiting Student	Physical Research Laboratory	svcesk@gmail.com	Studies on the influence of Shockwaves on Polymeric Membrane's Morphology - A Novel route to control Fouling	Dr. Shanthana Lakshmi	Oral Presentation	15.2.2019 / SS / OP29
4	133	Ms.Roselin Ranjitha M	Research Scholar	Stella Maris College	roselinranjitha18@gmail.com	DES facilitated solid-state synthesis of magnesium titanate nanoparticles using metal oxide precursors	Roselin Ranjitha M	Oral Presentation	15.2.2019 / SS / OP30
5	203	Mr.Alexander Samuel	Student	SRMIST	alexandersamuel@gmail.com	Efficacy of natural adsorbents for the effective removal of dyes.	Alexander M Samuel	Oral Presentation	15.2.2019 / SS / OP31
6	332	Mr. Jayanta Sarmah Boruah	JRF	Institute Of Advanced Study In Science And Technology	chem.jayanta2013@gmail.com	Nano-hybrid of fatty acid vesicles for drug delivery	Mr. Jayanta Sarmah Boruah	Oral Presentation	15.2.2019 / SS / OP32
7	373	Mr. Balaji K	Research scholar	University of Petroleum and Energy Studies (UPES)	srana@ddn.upes.ac.in	Click Chemistry Promoted by Graphene Immobilized Copper Nanoparticles	Mr. Balaji K	Oral Presentation	15.2.2019 / SS / OP33

Poster presentation									
S. No.	Reg ID	Name	Designation	Organization	Email	Abstract Title	Presenting Author	Mode of presentation	Schedule
1	3	Ms.SINDHU NACHIAIR S	Assistant Professor	SRM IST	sindhunachi@gmail.com	Study on behaviour of tension members based on concept of biomimics	Sindhu Nachiar S	Poster Presentation	15.02.2019 / PP111
2	10	Dr.Palash Sanphui	Research assistant professor	SRM IST	palash.i@ktr.srmuniv.ac.in	A disappearing metastable hydrate form of L-Citrulline: Variable conformations in polymorphs and hydrates	Palash Sanphui	Poster Presentation	15.02.2019 / PP112
3	11	Mr.MPRAKASH	RESEARCH SCHOLAR	DEPT OF CIVIL ENGG	prakashm17@gmail.com	Progressive Collapse—e Analysis of Two Dimensional Bare and Infilled Reinforced Concrete Buildings	M Prakash	Poster Presentation	15.02.2019 / PP113
4	16	Mr.NPARTHASARATHI	Assistant Professor	SRMIST	nmpartha@gmail.com	Analytical Study On High Temperature In The Reinforced Concrete Beam Element	M Vishal	Poster Presentation	15.02.2019 / PP115
5	19	Dr.A John Bosco	Assistant Professor	SRM IST	johnbosco.a@ktr.srmuniv.ac.in	Adsorption Isotherm and Kinetic Study on Direct Orange 102 Dyes on TNJ Activated Carbon	P Srinivasan	Poster Presentation	15.02.2019 / PP116
6	25	Ms.Mamta Yadav	Research Scholar	Banaras Hindu University	mamtayadav.bhu@gmail.com	Electrochemical determination of typhoid antibiotic by cobalt oxide assembled over graphene oxide film	Mamta Yadav	Poster Presentation	15.02.2019 / PP157
7	27	Mr.prakash	RESEARCH SCHOLAR	SRM IST	prakash.m@ktr.srmuniv.ac.in	Progressive Collapse Analysis of Two Dimensional Bare and Infilled Reinforced Concrete Buildings	M Prakash	Poster Presentation	15.02.2019 / PP117
8	31	Mr.PARTHASARATHI	Assistant Professor	SRMIST	partharway@gmail.com	Experimental And Analytical Comparison of 2v Geodesic dome Under Concentrated Load	Devansh. Shraf	Poster Presentation	15.02.2019 / PP118
9	50	Ms.Patel Kavya Kalpeshbhai	PhD student	The Maharaja Sayajirao University	kavi20525@gmail.com	Post Functionalization of Iron substituted Phosphotungstate by Imidazole: Synthesis, Characterization & Oxidation of Benzyl alcohol	Kavya Patel	Poster Presentation	15.02.2019 / PP119
10	52	Mr. Jaykumar Raghubbhai Patel	PhD Student	The Maharaja Sayajirao University of Baroda	pateljay121735@gmail.com	A New Composite Materials Containing Iron and Phosphomolybdic Acid : Synthesis Characterization and Oxidation of Styrene	Jaykumar Raghubbhai Patel	Poster Presentation	15.02.2019 / PP165
11	56	Dr.RM SOCKALINGAM	ASSOCIATE PROFESSOR	ANNAMALAI UNIVERSITY	rmslingam@gmail.com	Effect of organic additive on the growth and characterization of potassium hydrogen phthalate crystals: third-order nonlinear optical properties	C. Balakrishnan	Poster Presentation	15.02.2019 / PP155
12	59	Mr.RAMANA REDDY GOPIREDDY	RESEARCH SCHOLAR	SRM UNIVERSITY	gramanachem@gmail.com	Determination of potential genotoxic Impurity Hydrazine hydrate in Ibrutinib by RP- Liquid Chromatography	Ramana Reddy Gopireddy	Poster Presentation	15.02.2019 / PP120
13	60	Mrs.Sivakamasundari S	Assistant Professor	SRM Institute of Science and Technology	sivakamasundari.s@ktr.srmuniv.ac.in	An Experimental study on strength of Concrete by using Protein Rich Animal Waste Product as Admixtures	Sivakamasundari S	Poster Presentation	15.02.2019 / PP121

14	75	Mr.Jeevananthan V	Research scholar	SRM IST	jeevananthan.srvjv@gmail.com	Synthesis, growth, spectral, thermal and structural studies of an organic molecular salt single crystal: glycium-3-nitrophthalate	Mr V. Jeevananthan	Poster Presentation	15.02.2019 / PP122
15	82	Dr.R Kalaivizhi	Assistant Professor	SRM IST	kalai08chem@gmail.com	Preparation and Characterization of Biodegradable Polymer Membranes for Water Treatment	R Kalaivizhi	Poster Presentation	15.02.2019 / PP123
16	83	Dr.R ARULMOZHI	Asst prof SG	SRM IST	arulmozi.r@ktr.srmuniv.ac.in	Synthesis, Characterization and Analgesic Activities of Some New Tetrazoles Derived from Triazine	R. Arulmozi	Poster Presentation	15.02.2019 / PP124
17	87	Mr.D. Mukundan	Research Scholar	B S A Crescent Institute of Science and Technology	mukundraj85@gmail.com	Analysis of Antibacterial properties through Sustained Release of Ag Nanoparticles using Electrospun PVA Nanofibre Mats	D. Mukundan	Oral Presentation	15.2.2019 / PP110
18	89	Mr.R RAMAN	Research Scholar	SRM Institute of Science and Technology	raman.r@ktr.srmuniv.ac.in	A Novel N-Heteroacene derivatives - Synthesis, Thermal, Photo physical studies & Biological activity	R Raman	Poster Presentation	15.02.2019 / PP125
19	92	Mrs. Malar Wezhli M.	Research Scholar	Government Arts College Nandanam	malarwezhli@gmail.com	Synthesis, Growth and Optical studies of L-Alanine Sodium Chloride single crystal	M.Malar Wezhli,	Poster Presentation	15.02.2019 / PP158
20	93	Ms.MARYREMAJI	RESEARCH SCHOLAR	SRMIST	jesusdmary@gmail.com	Exploring the effect of hydrophobicity and metal ion coordination on self-assembly of short peptide and their implications in drug delivery	Maryremaji	Poster Presentation	15.02.2019 / PP126
21	103	Dr.Roopashree B	Assistant Professor	JSS Academy of Technical Education	roopajss@gmail.com	Studies of copper(II) complexes containing 2-[(3'-N-salicylidene)phenyl]benzimidazole]	Roopashree B	Poster Presentation	15.02.2019 / PP127
22	106	Mrs.kathyayani d	Assistant professor	jsateb	kathyayani01@gmail.com	Plastic-derived polypentapeptides: Synthesis and Investigation of physicochemical characteristics of miscible blends in solution phase method.	Kathyayani D	Poster Presentation	15.02.2019 / PP128
23	107	Ms.AKSA MARIYAM ABRAHAM	STUDENT	SRM IST	ama.sara358@gmail.com	Chiral transition metal catalyzed asymmetric reduction of substituted azalactones and hydantoins	Aksa Mariyam Abraham	Poster Presentation	15.02.2019 / PP129
24	112	Mrs.Vijaya Lakshmi T.	Research Scholar	Government Arts College Tiruvannamalai	tharuviji1979@gmail.com	Studies on efficient removal of dye using wood apple biomass as adsorbent	Vijayalakshmi T	Poster Presentation	15.02.2019 / PP160
25	126	Mr.DASAMESWARA RAO KAVITAPU	Research Scholar	SRM University	dasami_analyst@yahoo.com	New Stability indicating RP-HPLC Method for the Determination of Abiraterone acetate, Its Related Substances and Degradation Products in Bulk and Dosage Form	Dasameswara Rao Kavitaapu	Poster Presentation	15.02.2019 / PP130
26	143	Ms.Suchitraa V	Research scholar	SRM IST	suchitrayv@gmail.com	Halogenated carbon nanotubes for energy conversion applications	suchitraa v	Poster Presentation	15.02.2019 / PP167
27	148	Mr.Sachin Paparao Ambade	Assistant Professor	Yeshwantrao Chavan College of Engineering	sachinamb2@rediffmail.com	Finite element analysis of temperature distribution in heat affected zone of 409M Ferritic Stainless Steel by Arc welding processes	Chetan K Tembburkar	Poster Presentation	15.02.2019 / PP131
28	154	Ms.Ramila Devi	Research scholar	SRM IST	ramiladevi15@gmail.com	Electrochemically exfoliated carbon quantum dots(CQD) modified screen printed electrode for detection of dopamine neurotransmitter	Ramila	Poster Presentation	15.02.2019 / PP132
29	156	Mr.R Jerome	Research scholar	SRM IST	jeromestil@gmail.com	Hydrothermal Synthesis of Boron Nitride Quantum Dots/Poly(Luminol) Nanocomposite with Enhanced Electro Catalytic Activity	Jerome R	Poster Presentation	15.02.2019 / PP133
30	158	Dr.GEETHA K	AP Sr G	SRM IST Vadapalani	geetha.k@vdp.srmuniv.ac.in	Structural, Vibrational, NMR, NBO, Frontier molecular orbitals, First order Hyper polarizability and Reactivity analysis of Potential NLO chromophore 2-methylamino-3-nitro-4H-Chromene	K Geetha	Poster Presentation	15.02.2019 / PP134
31	174	Ms.A Amutha	PhD Scholar	SRM IST	amuthajacid@gmail.com	Design and development of short peptide based smart material to prevent fouling by the formation of Nontoxic and Biocompatible coating	Amutha Arul	Poster Presentation	15.02.2013 / PP104
32	179	Mr.S Sivagnanam	Student	SRM IST	s.sivagnanam1997@gmail.com	Design and Development of Bioinspired Short peptide based Self-assembled Nanostructures for controlled drug release	Subramaniyam sivagnanam	Poster Presentation	15.02.2013 / PP168
33	184	Dr.S RAJESWARI	ASSISTANT PROFESSOR	SRMIST	raji.802000@gmail.com	Synthesis and characterization of (E)-2-((5-methylpyridin-2-yl)imino)methylphenol	S.Rajeswari	Poster Presentation	15.02.2019 / PP135
34	189	Mr.Ravi Uppala	Senior Scientific Manager	Vijayasri Organics Limited	ravianuppala1984@gmail.com	Quantification of potential genotoxic impurity in acubitril valsartan drug substance	Ravi Uppala	Poster Presentation	15.02.2019 / PP136
35	199	Mr.SALADI VENKATA NARASAYYA	Research scholar	SRM UNIVERSITY	narasayyaladi@gmail.com	Preparation, pharmaceutical properties and stability of Lesinurad Co-Crystals and Solvate	Saladi Venkata Narasayya	Poster Presentation	15.02.2019 / PP137
36	204	Dr.SABARINATHAN S	AP Sr G	SRM IST	sabarinathan.s@vdp.srmuniv.ac.in	Synthesis and characterization of pyrazolone derivatives and their computational studies	S. Sabarinathan	Poster Presentation	15.02.2019 / PP138
37	206	Mr.S Kannan	MSc Student	Chemistry SRM IST	ajithkannan2597@gmail.com	Anti-Oxidant screening of cissampelos pareira leaves ethanolic extract and isolated compounds	S. Kannan	Poster Presentation	15.02.2019 / PP139
38	207	Dr. Murugan	phd	SRM	n.muruganp@gmail.com	Flower-like MoS <sub>2</sub> decorated with ZnO/CNTs nanocomposite for electrochemical detection of ascorbic acid	N. Murugan	Poster Presentation	15.02.2019 / PP140
39	208	Ms.SAI PAVITHRA S	PG STUDENT	SRM institute of Science and Technology	saipavithras96@gmail.com	Study on behaviour of compression member based on concept of biomimics	S. Sai Pavithra	Poster Presentation	15.02.2019 / PP141
40	209	Mr.Praveen Anand	Student	SRM Institute of science and technology	kitchupraveen@gmail.com	Investigation on failure modes of Precast foamed sandwich panels under axial loading	Praveen Anand	Poster Presentation	15.02.2019 / PP142
41	213	Mr.rafiq ahmad taley	student	srmist	rafiqtaley76@gmail.com	Synthesis of anthrapyrazolone analogue grafted polymer via RAFT polymerization for the detection of picric acid	Rafiq Ahmad	Poster Presentation	15.02.2019 / PP143
42	217	Mr.ARUNRAJ B	Research Scholar	BITS Pilani Hyderabad Campus	raj_arun19@yahoo.com	Synergistic influence of Biopolymer-microbe towards the recovery of Europium-A Precious rare earth metal	Arunraj B	Poster Presentation	15.02.2019 / PP144
43	224	Ms.S Priya	Student	SRMIST	tinku648@gmail.com	Synthesis, Characterization and antibacterial activity of TiO <sub>2</sub> nanoparticles prepared using Cardiospermumhalicacabum plant extract	S Priya	Poster Presentation	15.02.2019 / PP164
44	231	Prof. Ya-Fan Lin	Assistant Professor	Kaohsiung Medical University, Taiwan	yafan@kmu.edu.tw	A DFT Study on the Mechanism of the Ring-Opening Polymerization of L-Lactide and ε-Caprolactone Catalyzed by Aluminum Ketimine Complexes	YaFan Lin	Poster Presentation	15.02.2019 / PP145
45	233	Dr.Begam Elavarasi	Assistant Professor	Anna University	elavarasi@annauniv.edu	A DFT investigation of the first and second order hyperpolarizabilities in double heteroaromatic ring substituted adamantane	S. Begam Elavarasi	Poster Presentation	15.02.2019 / PP153
46	240	Mr.Vinoth.M	RESEARCH SCHOLAR	SRM IST	vinothinfo@gmail.com	Evaluation and characterization of antibiologic activities of Melochia Corchorifolia	M. Vinoth	Oral Presentation	15.02.2019 / PP114
47	244	Ms.Maya Mathew	Research Scholar	Paiyyannur College	mayamathew02@gmail.com	Plasmonic Solar Cells Using Mohite Cu <sub>2</sub> SnS <sub>3</sub> Nanoparticles	Maya Mathew	Poster Presentation	15.02.2019 / PP162
48	264	Ms.ANOOPA THOMAS	JRF	SRM IST	anoopa.t@res.srmuniv.ac.in	Theoretical Investigations of Ionic Liquids (ILs) Based Composite Material for CO <sub>2</sub> Capture and Separation Applications	Anoopa Thomas	Poster Presentation	15.02.2019 / PP146



49	268	Mrs.Sheeba Sherlin Y	Assistant Professor	Scott Christian College, Nagercoil	ysheebamohan@gmail.com	Spectral Bio-Markers, Hirshfeld analysis, Molecular Docking and Cytotoxicity of Bronchodilator Drug 1,3-dimethylxanthine: A Vibrational Approach	Sheeba Sherlin Y	Poster Presentation	15.02.2019 / PP163
50	274	Mr.Pushparaj L	Research Scholar	SRM IST	pushparajchem1992@gmail.com	Highly Selective Naphthalene based Fluorescence a Simple Chemosensor for Bromate [BrO <sub>3</sub> <sup>-</sup> ] Anion Detection in Aqueous media	L Pushparaj	Poster Presentation	15.02.2019 / PP147
51	282	Mr.NITISH SOAM	STUDENT	SRMIST	nitish.singh13@gmail.com	Density Functional Theory studies on EMIM Ionic liquids	Nitish Soam	Poster Presentation	15.02.2019 / PP148
52	289	Mr.Bharathkumar	researchscholar	SRMIST	bharathkumar.n@ktr.srmuniv.ac.in	Phyto-fabrication of silver nanoparticles using Clerodin - a labdane diterpene extracted from Clerodendron infortunatum and evaluation of its anticancer applications	K Ram kumar	Poster Presentation	15.02.2019 / PP149
53	316	Dr.P. Dhaiveegan	Post doc Fellow	Indian Institute of Technology Madras	dhaivee8585@gmail.com	Corrosion resistance of super hydrophobic nanostructured ceramic composite coating on 304 Stainless Steel	P. Dhaiveegan	Poster Presentation	15.02.2019 / PP156
54	328	Dr. Pallavi Jain	Head In charge	SRM IST	pallavi.j@ncr.srmuniv.ac.in	Synthesis, spectroscopic characterization, molecular modelling and biological evaluation of bidentate schiff's base ligand and transition metal complexes	Dr.Pallavi Jain	Poster Presentation	15.02.2019 / PP150
55	338	Dr.Garima Pandey	Assistant Professor	SRM IST NCR Campus Modinagar	garimapandey.pandey8@gmail.com	Synthesis, IR, UV Studies of Schiff's Base Ligand Diacetato-bis-(p-methoxy phenyl) carbonyl azomethine benzene sulphanimide and p-methoxy phenyl carbonyl azomethine thiocarbamide complexes of Fe(III) and Cr(III) Complexes	Dr. Garima Pandey	Poster Presentation	15.02.2019 / PP151
56	350	Mr. K. Diwakar	Research Scholar	Alagappa University	selfindicator@gmail.com	Pillaring effect of Potassium in Li <sub>4</sub> FeSiO <sub>4</sub> C cathode for Lithium ion batteries	Mr. K. Diwakar	Poster Presentation	15.02.2019 / PP166
57	355	Dr.Nidhin M	Assistant Professor	CHRIST Deemed to be University Bangalore	nidhin.m@christuniversity.in	Biotemplated Synthesis of Silver Nanoparticles using fruit extract of <i>Carica Papaya</i> and its electrochemical applications	Nidhin M	Poster Presentation	15.02.2019 / PP159
58	359	Mr. K. Thileep Kumar	Research Scholar	Vels Institute of Science, Technology & Advanced Studies	thileepkumar.k@gmail.com	High Electrochemical performances of symmetric carbon supercapacitor exploring the large voltage range 2.0 V in aqueous electrolyte	K Thileep Kumar	Poster Presentation	15.02.2019 / PP154
59	361	Mr.vijay miditana	Research scholar	andhra university	vijay.miditana@gmail.com	Mass transfer enhancement in a two-phase flow electrochemical reactor	Mr.Vijay miditana	Poster Presentation	15.02.2019 / PP152
60	370	Ms. Monalisa Mohanty	Student	CSIR- Institute of Minerals and Materials Technology	monalisamohanty25@gmail.com	Antibacterial and anticancer activities of biogenic silver nanoparticles synthesized by using ethanolic bark extract of <i>Terminalia arjuna</i>	Monalisa Mohanty	Poster Presentation	15.02.2019 / PP161
61	269	Dr. Rajendran Kumaran	Assistant Professor	D. G. Vaishnav College	kumarawau@rediffmail.com	Synthesis, IR, UV Studies of Schiff's Base Ligand Diacetato-Bis-P-Methoxy Phenyl Carbonyl Azomethine Benzene Sulphanilamide And P-Methoxy Phenyl Carbonyl Azomethine thiocarbamide Complexes of Fe(III) and Cr(III) Complexes	Dr. Rajendran Kumaran	Poster Presentation	15.02.2019 / PP169