

Section-I-Energy (Posters List)		
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1	The facile electrochemical synthesis of CuO/SnO/ZnO nanophotocatalysts for photodegradation of Methylene blue dye, photovoltaic, electrical property and antibacterial activity studies HB Uma, S. Ananda	PP-001
2	Synthesis and Characterization of LiAlSiO₄:Ce³⁺ Nanocomposites for Solid State Electronics K. R. Jyothi, N. M.Nagabhushana, K. R. Bhagya, H. Nagabhushana A. P. Gnana prakash and Vinayakprasanna N. Hegde	PP-002
3.	Optical and Electrical Characterization of Zinc Oxide and Effect of Anion on the Particle Shiddappa L. Belagali and Tirukoti Mounika	PP-003
4.	Comparison of Electrical Parameters of Ni/Pd/n-GaN and Ni/Ru/n-GaN SBD'S Extracted from Different models Santosh Kumar, M Vinay Kumar, V Rajgopal Reddy and Krishnaveni S	PP-004
5.	Microwave Assisted Synthesis of Carbon Dots for Potential Temperature Sensing Applications Suresh D. Kulkarni, Santhosh C, Sajan D. George and Shivanand H. Nannuri	PP-005
6.	Enhancement of Cycling Stability and Capacity of Lithium Secondary Battery by Engineering highly Porous AlV₃O₉ Shreenivasa L, Yogesh Kalegowda, Prashanth S. A Viswanatha R, Ashoka S	PP-006
7.	Synthesis, Structural, Photoluminescence and Density Functional Theory analysis of a novel NLO Heterocyclic Chalcone C. Shruthi, B. Guruswamy, Karthik Kumara, N. K. Lokanath, and Janet Goveas V and Ravindrachary	PP-007
8.	Tunable emission and energy transfer mechanism of a single-phased Na₃Y(PO₄)₂:Ce³⁺, Mn²⁺ phosphors for white LEDs Vishwanath R, Kartik M, Kavya G L, K. Munirathnam, R. Vijaya, P.C. Nagajyothi	PP-008
9.	Synthesis and Characterization of rGO-PbS Quantum Dots for Solar Cell Application	PP-009

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10	Effect of Fuel Characteristics on Solution Based Combustion Synthesis of Cr₂O₃Nanoparticles Raksha K. R, Vijaya Kumar M.S, Sannaiah Ananda	PP-010
11.	Investigation on Morphology and Electrical Properties of La₂MoO₆ Doped Samarium for Solid State Electronics K. R. Bhagya,N. M.Nagabhushana, K. R.Jyothi,H. Nagabhushana, A. P.Gnana Prakash, M. V. Murugendrappa	PP-011
12	Effect of Blocking Layer on the Performance of Dye Sensitized Solar Cells S. N. Kumar , Tejaswini K H ,Banuli T and S. Bharathi Devi	PP-012
13.	Analysis of Performance of Dye Sensitized Solar Cells Shobha.K.N , S. Bharathi Devi ' S. Naresh Kumar	PP-013
14.	Fabrication of G-NiS Nanocomposite for Supercapacitor Applications Suganya, P. Manju, P. Kanmani priya, and G. Kalpana	PP-014
15.	Synthesis and Photoluminescence Properties of4-(2-hydroxy-4-methoxybenzylideneamino)Benzoic Acids as New Class of OLED Compounds V. B. Nagaveni K. M. Mahadevan,	PP-015
16.	Synthesis and Characterization of Carbon Particles for Surface Induced Voltage in Electrical Insulators in Open and Closed AC Circuit and its Applications Avinash N,Namratha K, Byrappa K	PP-016
17.	MOFs Derived Zn/Co-1T-MoS₂ HollowNanocages for Remarkable HER water splitting Performance Chandrakantha. K. S, Namratha. K, B.N. Chandrashekar, K. Byrappa	PP-017
18.	Preparation and Characterization of PANI/Co-Cr Fe₂O₄ Nanocomposite Materials Kaliprasad C S, Madhukumar R, Sumantha H S' Murugendrappa Harhar C. A	PP-018
19.	Design and Construction of CuBi₂O₄-TiO₂ Pn-Junction Photocatalyst as an Efficient Visible Light Harvester and Charge Carrier Separator for Photocatalytic Hydrogen Production	PP-019

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20	Optimizing graphene oxide as filler and its role on the electrical properties of PVdF-CO-HFP polymer electrolytes for electric double layer capacitors Pavithra, Aswini Swaminathan, Ranjith Kumar Ravi, A. Sakunthala	PP-020
21	Synthesis and Characterization of NIO Nanoparticles by Electrochemical Method: Photodegradation Kinetics of Indigo Carmine Dye and Study of Antibacterial Activities of NIO Nanoparticles Shilpa. R, Charan Kumar H. C, Ravi Shankar Rai. V and Ananda. S	PP-021
22.	Fabrication of Carbon thin films at different oxygen atmospheric pressure by Pulse Laser Deposition and studies on transparent conducting properties Veena Shivadas Kindalkar, Prasad Kumar, Ananya Kote and S M Dharmaprakash	PP-022
23.	An approach towards lithium ion battery to nanographene batteries for boosting the capacity of energy storage AjmalShariff, Arshad Ahmed, Salman Khan, Zabiulla, D.M Srinivasaand S.S.Parthasarathy	PP-023
24.	Fabrication of carbon nano fibers and tubes for advanced energy applications Anusha A, Vijaya Kumar M S, Aninda J Bhattacharya, Suman Das, Raksha K R and Ananda S	PP-024
25.	Synthesis and characterization, new heteroleptic Ru (II) complexes as sensitizers for applications in Dye Sensitized Solar Cells Golla Ramesh, Shridhar Mundinamani and Raghavendra Kumar P	PP-025
26.	Electrochemical Studies of Atorvastatin Calcium Hydrochloride at TiO₂ Nanoparticles Modified Glassy Carbon Electrode Mamatha G.P. Santhosh H.M.	PP-026
27.	Synthesis and Characterization of 4-Amino-2,3-Dimethyl-1-Phenyl-3-Pyrazolin-5-One Complexes of Zinc and their Application in Organic Light Emitting Diode Amith Nayak P.H., H.S. Bhojya Naik	PP-027
28.	Flexible and Transparent Electrode based Triboelectric Nanogenerator for Efficiently Harvesting Wind Energy Smitha A.S, Rumana Farheen S M, Krishnaveni S	PP-028

29.	Annealing induced on phase change, structural and optical properties of V₂O₅ nanorods for efficient photoresponse and ammonia sensor applications R. Thangarasu, S.Subaramani, O.N. Balasundarama	PP-029
30.	Nanostructured Manganese Oxide (B- MnO₂) for Supercapacitor Applications P. Subash Nesan, B. Saravanakumar, Ashwini Swaminathan, S. Pavithra, R.Yuvakumar, A. Sakunthala	PP-030
31.	Synthesis of α-Fe₂O₃-CeO₂ nanooheterostructure with enhanced sunlight photocatalytic activity Khaled Alkanad, Abdo Hezam and Lokanath N. K.	PP-031
32.	Electrochemical Studies of NaFePO₄ in aqueous Sodium Electrolytes K.Shiprath, H. Manjunatha, S. Janardhan	PP-032
33.	Electrochemical Detection of Formaldehyde using Modified Stainless Steel Electrode Louis George, Angel Susan Philip	PP-033
34.	A Novel Chalcone Embedded PMMA Polymer Film for Third-order Nonlinear Optical Applications T. C. S. Shetty, K. Kumara, R. A. Gonsalves, S.M. Dharmaprakash	PP-034
35.	Synthesis and Characterization of Nanostructured Mn doped V₂O₅ Supercapacitor applications P. Amarnath, N.S. Kavitha, N.S. Palani K. Vishista and R. Ilangoan	PP-035
36.	Role of newly synthesized phenothiazine derivative-PTA dye as a photosensitizer Lakkanna S. Chougala, Jagadish S. Kadadevarmath, Mahantesh S. Yatnatti, Nirupama J. M, Ravindra R. Kamble	PP-036
37.	Preparation And Characterization Of Copper Oxide Nanosheets For Supercapacitor Applications Ranjith Kumar Ravi, T.Narayanasamy, Ashwini Swaminathan, A.Sakunthala	PP-037
38.	Structural and Magnetic Properties of In-situ and Ex-situ of CoCr₂Fe₂O₄/PANI Nanocomposite H. G. Basavaraj, R. Madhukumar, Mohan N. R, C. A. Harihar,	PP-038

	Thejas Urs G, K, B. Lakshmeesha Rao, and Y. Sangappa	
39.	Efficient Photoelectrochemical Hydrogen Generation Using Heterojunctions of 2D Bi₂S₃/2D MoS₂/TiO₂ nanotubes Abdo Hezam *,K. Namratha, Q.A. Drmosh, K.Byrappa	PP-039
40	Synthesis, Characterization and Photoluminescence of Ce³⁺Doped with Casio₃ Nanophosphor Dhanu R, M. Madesh Kumar, D. Prakashbabu	PP-040
41	Oil extract from <i>Linum usitatissimum</i> exhibited pro-coagulant property Sharath Kumar M. Nandish, JayannaKengaiiah, Chethana Ramachandraiah, Chandramma, AshwiniShivaiah , DevarajaSannaningaiah	PP-041
42	Enhanced Production of Fungal Lignolytic Enzymes under Optimized SmF Conditions P.A Geethanjali and Prof.M. Jayashankar	PP-042
43	Production of Hydrogen From Electrolysis Process of Water – An overview Dinesh M H, Yashaswini T, C Ningappa	PP-043
44.	Sensitive Detection of Anthrone Using Poly (L-Arginine) modified Carbon paste electrode by Voltmmetric Method M. M Charithra and J. G Manjunatha	PP-044
45.	Radiation hardness studies on heavy ion irradiated semiconductor Devices C. M. Dinesh, K. S. Krishnakumar and Ramani	PP-045
46.	Synthesis and Characterization of Triphenylamine Substituted Derivatives and their Optoelectronic Properties Shivaraj Mantur, Imtiyaz Ahmed M. Khazi	PP-046
47	Application of Thermal lens microscopy for the selective detection of Mercury using energy transfer interaction between Rhodamine 6G and Gold nanoparticles Lakshmi Rajan, Santhosh Chidangil, Sajan D. George	PP-047
48.	Designing of sensitive AIE based fluorescent imidazole derivatives: Probing of sweat pores and anti-counterfeiting and OLED applications M. K. Ravindra, K. M. Mahadevan, H. Nagabhushana	PP-048
49.	In-situ polymerized pDDS with AgAlO₂ blended with polyvinylalcohol nanocomposite for optoelectronic applications	PP-049

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50.	Synthesis and characterization of polyaniline/Strontium composites Vyshali.G. S, Tanzeem, Sreekanth R, Ashwini I S, Aravinda T Jayadev Pattar	PP-050
51.	Simultaneous determination of Uric acid at Titanium Nitride Phthalocyanine Modified Carbon Paste Electrode: A Voltammetric Study K. R. Mahanthesha and B.E. Kumara Swamy	PP-051
52.	Effect of alkaline Pretreatment and Enzymatic Hydrolysis Method using Laccase Enzyme for Second Generation Bioethanol Production from Areca Nut (<i>Areca catechu</i> L.) Husk Naveen Kumar K. J and Thippeswamy B.	PP-052
53.	Elemental analysis and optical studies of ISTP and Magnesium doped Strontium tartrate pentahydrate crystals K. B. Reema, N. Jagannatha , Delma D'Souza , K. P. Nagaraja	PP-053
54.	Microwave irradiated high stability ZnWO₄ electrode for supercapacitors P C Dhanush, Vinayaraj S, Brijesh K, H S Nagaraja	PP-054
55.	High-Capacity Orthosilicate Cathode Materials for Lithium-ion Batteries and Novel Oxidates of LaCrO₃ perovskites H. N. Girish, B. Basavalingu, M. S. Vijay Kumar, B. V. Suresh Kumar and G. Q. Shao	PP-055
56.	Electrochemical determination of Propranolol using graphene oxide modified carbon paste electrode Purushothama H.T and Y. Arthoba Nayaka	PP-056
57.	Synthesis and characterization of 7-(diethylamino)-2-oxo-2H-chromene-3-carboxylic acid for photovoltaic applications Basavarajappa K V, Dr. Arthoba Nayaka Y, Vinay M M	PP-057

58.	<p>Aegle Marmelos assisted green microwave synthesis of ZnO Nano structures for multifunctional applications</p> <p>C. Mallikarjunaswamy, V. Lakshmi Ranganath, Udayabhanu, G. Nagaraju</p>	PP-058
59.	<p>Dielectric and electromagnetic shielding behavior of polyaniline/Ni_{0.5}Cu_{0.5}Fe₂O₄ composites</p> <p>B. J. Madhu^{1*}, B. Shruthi², H. S. Jayanna³, K. Guruswamy⁴, H. R. Venkatesha⁵</p>	PP-059
60	<p>Structural and Optical Properties of Dy³⁺ low concentration doped SrY₂O₄ Nanophosphor</p> <p>Santosh. P. Ghorpade[†] and N.R. Patil^{§*}</p>	PP-060

Section-II- Environment (Posters List)		
Sl. No	Author/Title	Poster No.
1	Synthesis of (E)-N-[4-(5-chloro-1H – benzimidazole-2-yl) phenyl]-1-(2-furan phenyl) methanimine derivatives for its antimicrobial activity S.R. Champa, K A Vishnumurthy, Y D Bodke, M N Kumarswamy	PP-101
2	Comparativestudy of Zn-CuOmicrocomposite and Zn-CuOnanocomposite for corrosion protection of steel Deepa K and ArthobaNayaka Y	PP-102
3	Green synthesis, characterization and applications of Fe₂O₃ nanoparticles by using Crotalaria L Dhananjay, M. R. Abhilash, G. Akshatha, K. Byrappa, and S.Srikantaswamy	PP-103
4	Application of Thermal lens microscopy for the selective detection of Mercury using energy transfer interaction between Rhodamine 6G and Gold nanoparticles Lakshmi Rajan, SanthoshChidangil,Sajan D. George	PP-104
5	Structural, optical, and photocatalytic activity of NiFe₂O₄-CoFe₂O₄nanocomposites M. MadhukaraNaik,H.S. BhojyaNaik, G. Nagaraju, R. Viswanath,Pandurangamurthy	PP-105
6	Batch adsorption and comparative studies of Amido black 10B dye from aqueous solution on activated and raw agriculture weed as an adsorbent M. Mahadevaswamy	PP-106
7	A Study on the Effect of Bio polymers on the properties of Mud Blocks Sanjith J , Kiran B.M , ShwethaNambiar,Sinchana DC	PP-107
8	A Review on the Nano Photocatalysts prepared using Sol-gel method Pushpalatha M. R. and Pramodini S	PP-108
9	Preparation and Characterization of α-MoO₃ nanorods-like structure and photo catalytic degradation for methylene blue performance	PP-109

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10	Green synthesis of Copper oxide Nanoparticles and photodegradative, antioxidant and antibacterial activities Pavan Kumar MA, Nethravathi PC, and Suresh D	PP-110
11	Carboxymethyl cellulose grafted poly (3-acrylamidopropyl)-trimethylammonium chloride copolymer N,N-Dimethylacrylamide hydrogel for adsorptive removal of Rhodamine B and Eriochrome black T from aqueous solution Kabiru Bello and BalladkaKunhannaSarojini	PP-111
12	Investigation of optical and electrical properties of MWCNT/AgWO²⁻ composites G. Akshatha, M. R. Abhilash, K. Jagadish, D. Shivakumar.M. B. Nayan, , K. Byrappa, S. Srikantaswamy	PP-112
13	Hydrothermal synthesis of TiO₂ nanotubes and their photocatalytic activity AnjuBabu,K. Namratha, AbdoHezam,Mina Zare.P M.Abishad,SwarnamalaSirsi,K. Byrappa	PP-113
14	Photocatalytic degradation of anionic dye using bismuth doped TiO₂-Fe₂O₄ composite H. R. Deepu, M. R. Abhilash, G. Akshatha, K. Jagadish, M. B. Nayan, , K. Byrappa and S. Srikantaswamy	PP-114
15	Solution Combustion Synthesis of Cobalt oxides and Their Photocatalytic Activity Divya. R, K. Namratha, AbdoHezam, MinaZare, Abishad, SwarnamalaSirsi, K. Byrappa	PP-115
16	Synthesis mechanism of α-Fe₂O₃ nanoparticles by self-combustion route, Mn₃O₄ by hydrothermal and their structural, photocatalytic properties P Hemanth, SumanPawar, MadhuChennabasappa	PP-116
17	Enhanced Antibacterial activity of water soluble organic dye sensitized Copper Oxide Nanoparticleagainst Salmonella typhimurium and Bacillus subtilis M. Giridhar, H. S. BhojyaNaik	PP-117
18	A Low cost Activated carbon synthesis from Agricultural waste	PP-118

	for the adsorption of Methylene blue from aqueous solution Hemashree K and J. IshwaraBhat	
19	High efficient BiVO₄/CeO₂/MWCNTs Nanocomposites for the photocatalytic treatment of wastewater K. Jagadish, S. Srikantaswamy, K. Byrappa, M. R. Abhilash, M. B. Nayan	PP-119
20	Growth mechanism of MWCNTs by Fe-Ni bimetallic catalyst on CaCO₃ support via Catalytic Chemical Vapor Deposition Process K. Jagadish, S. Srikantaswamy, K. Byrappa, M. R. Abhilash, M. B. Nayan	PP-120
21	Biological synthesis of chromium oxide nano particles using tinosporacardifalio and its applications in photodegradation of indigocaramine dye K.M.Chaithra, H.S.Sindhushree, R.T.Radhika, S. Ananda, and B. M.Venkatesha	PP-121
22	Synthesis and characterization of Fe₂O₃ and Fe₃O₄ nanoparticles via solution combustion and their photocatalytic activity Kubra Fathima, K. Namratha, AbdoHezam, Mina Zare, Abishad, SwarnamalaSirsi, K. Byrappa	PP-122
23	Role of newly synthesized phenothiazine derivative-PTA dye as a photosensitizer Lakkanna S. Chougala, Jagadish S. Kadadevarmath, Mahantesh S. Yatnatti, Nirupama J. M, Ravindra R. Kamble	PP-123
24	CuO/ZnO Heterostructures as Efficient Visible Light-Driven Photocatalysts Degradation of the Phenol Mohammed Abdullah Bajiri, AbdoHezam, K. Namratha, R. Viswanath, Q. A. Drmosh, H. S. Bhojya Naik, K. Byrappa	PP-124
25	Efficient removal of Carbendazim from water utilizing algal biomaterials: An Equilibrium study Sulakshana Karkala, Michelle Rodrigues, Sachin S Patavardhan, L D'Souza, Shashi Kiran	PP-125
26	Natural/vegetable oils: A safe process oils for industrial rubber products	PP-126

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27	Photocatalytic and Electro-catalytic Performance of MgO Nanoparticles G.K.Raghu	PP-127
28	Synthesis and Characterization of Sn-doped ZnO Nanoparticles by Electrochemical method: Photodegradation Kinetics of Indigo carmine dye and Study of Antimicrobial activity of SnO and Sn-doped ZnO Nanoparticles K P Samskruthi , Sannaiah Ananda	PP-128
29	Photocatalytic Decolourization of Acridine Orange Dye by using Synthesized Nickel Oxide Nanoparticles Santhosh A.M, Yogendra K, Mahadevan K.M, Mallikarjuna I. Madhusudhana N	PP-129
30	Biodegradation of Monocrotophos Pesticide by Aspergillus spp. from Agriculture soil Hemanth Kumar. V, Satish.S and Raju N.S	PP-130
31	Photocatalytic and Antibacterial Studies of Fe₃O₄@ZnO Coreshell M. Shashank, G. Nagaraju, H.S. BhojyaNaik, Rangappa S. Keri	PP-131
32	Enhanced Photo-reduction CO₂ Activity of Cu₂O/ZnO Heterostructures under Visible Light Irradiation D. Shivakumar, M. R. Abhilash, G. Akshatha, K. Jagadish, M. B. Nayan, , K. Byrappa and S. Srikantaswamy	PP-132
33	Microwave assisted synthesis of carbon dots for potential temperature sensing Applications Suresh D. Kulkarni, Santhosh C, Sajan D. George and Shivanand H. Nannuri	PP-133
34	Photocatalytic Degradation of Toxic Industrial Dye using Hg/CeO₂ Nanomaterials under Alternative Driving Energy Midhun G, Anil Kumar KM, Shivaraju HP	PP-134
35	Preparation of CdS/TiO₂ nanocomposite for CO₂ Reduction and its Potential Application in Inducing Methane yield under Biomethanation Processes	PP-135

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36	Bio-fabrication of Cu₂O nanoparticles using Plectranthusamboinicus and their toxic potential against bacteria: A mechanistic approach Shreeranjani S, M. R. Abhilash, Rajashekar, G.Akshatha, K. Byrappa and S. Srikantaswamy.	PP-136
37	A Study on geopolymers bricks Sanjith J , Kiran B.M, Shubha B.M Sony H.L	PP-137
38	Adsorption of malachite green dye on java apple leaves activated carbons B. S Sneha and J.IshwaraBhat	PP-138
39	pollution due to automobile vehicle service stations of bangaluru environment specially water bodies Sripathy. L,P. Nagegowda , S Kantharaju,S G Prasannakumar	PP-139
40	Photocatalytic and photoluminescence studies of NiO Nanoparticles M S Sunil Kumar, Udayabhanu, B.Nirmala, G.Nagaraju	PP-140
41	Antifungal Photodynamic Inactivation Of Candida albicans Using Metal(II)-Schiff Base Complexs H.B. Teja, H.S. Bhojyanaik	PP-141
42	Semiconductor-assisted photodegradation of textile dye, photo-voltaic, electrical property and antibacterial activity by electrochemically synthesized Sr doped CuO nanophotocatalysts Uma H B and Sannaiahanda	PP-142
43	Synthesis of Flower Like-In₂O₃ nanostructures anchored with Palladium for efficient photocatalytic degradation of oxytetracycline V.Muthuraj	PP-143
44	Synthesis of Biodegradable Plastics Using 5-Hydroxymethylfurfural Extracted from Organic Waste Aishwarya Satapute, Siddanth Sanil, Sangeetha D'souza, Tejashree C S, Vinutha Moses, Ramya P	PP-144

45	Adsorptive removal of Malachite Green using electroless coating of titanium coated graphite with and without CNT-ABS nanocomposite UshaJinendra, B. M. Nagabhushana, Dinesh Bilehal	PP-145
46	Adsorptive Enhanced degradation of Evans Blue dye By Inspired Fe₃O₄@resin coatednanospheres @GO@TiO₂ Magnetic Nano spheres: Adsorption Isotherm, Kinetic and thermodynamic studies. UshaJinendra, B. M. Nagabhushana, Dinesh Bilehal, and Dr.Jithendra Kumara K S	PP-146
47	Efficient EMI shielding properties of epoxy with Carbon fibers urchins nanocomposites Vidyashree M.P, PrajaktaKatti, Kokila M.K, Suryasarathi Bose	PP-147
48	Synthesis, Characterization of tetrahydropyrimidine Derivatives and their Biological Studies VinutaKamat, Suresh P. Nayak, R Santosh, Delicia A. Barretto, Shyam K. Vootla, SheelaKhanapure	PP-148
49	Synthesis of mesoporous BiVO₄-Ag₂WO₄ nanocomposites and their highly efficient photocatalytic performance for dye pollutants M. R. Abhilash, G. Akshatha, K. Jagadish, M. B. Nayan, K. Byrappa and S. Srikantaswamy	PP-149
50	Luminescent Properties of Cu Doped Zinc oxide Nanoparticles for Display and Visualization of Latent Fingerprints IndrajithNaik E.,H.S.BhojyaNaik, R. Viswanath, I.K. Suresh Gowda	PP-150
51	Green Synthesis of TiO₂ Nanoparticles and their Functional Properties Nethravathi PC, Pavan Kumar MA and Suresh D	PP-151
52	Copper terephthalate / graphene oxide Hybrid Composite as a Novel Electrochemical Sensing Platform in the Detection of Nitrite and its Application to Environmental Samples Suma B P, Pandurangappa Malingappa	PP-152
53	Visible-light Driven Photodegradation of Dyes Over ZnFe₂O₄@ZnO Core-Shell Nanoparticles Synthesized by a	PP-153

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55	Changes in Peroxidase Activity under Metalaxyl Stress in Maize Seedlings	PP-155
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56	Preparation and photocatalytic activity of BiOCl by combustion method	PP-156
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57	Photocatalytic activity of ZnO-M_xO_yHeterostructures and comparision study of Band positions and Surface area	PP-157
	M.B Nayan ¹ , K. Jagadish, Abhilash.M.R.K.Namratha, S. Srikantaswamy	
58	Tailored Design and Fabrication of Surface Engineered FeOOH@SiO₂@SH Nano-particles for Removal of Mercury Ions in Water	PP-158
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59	Novel V₂O₅-TiO₂-CeO₂ decorated reduced graphene oxide (r-go) for photocatalytic dye degradation of rhodamine-b	PP-159
	S. Sankaralingam, N. Karthikeyan and K. Sivakumar	
60	Hydrothermal Synthesis and Characterization of MA₂O₄ (M=Ni, Cu & Zn) Spinel Nanoparticles for enhanced photocatalytic degradation of organic pollutants and antimicrobial activity	PP-160
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61	Highly porous, Honeycomb like Ag-ZnOnanomaterials for enhanced Photocatalytic and Photoluminescence studies: Green synthesis using Azadirachta indica gum.	PP-161

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62	High Density Polyethylene (HDPE) composites for Gamma Ray Shielding SheelaM, VinayakAnandKamat, Kiran K U, Eshwarappa K M	PP-162
63	Characterization of Prepared Cocoa Pod Activated Carbon and its Adsorption towards Acetic Acid Chaithra P and J. IshwaraBhat	PP-163
64	Adsorption and Kinetic Studies on the Bioremediation of Acid Blue 113 on Nutraceutical Industrial Saw Palmetto Spent Mohammed Ali Hussein Dhaif Allah, UsmanTaqui Syed and Akheel Ahmed Syed	PP-164
65	Variation of Nitrogen Dioxide Levels in the Main and Cross Roads of Mysore City <i>Prabhakaran N, Anjali Raj, G.V. Venkataramana</i>	PP-165
66	Synthesis and Characterisation of ZnO Nanotube for CO Gas Sensing Rishabh G ^{1*} , Pratyush S ^{1*} , SurajA ^{1*} , Shivraj BW ¹ , Manjunatha. C ^{2**}	PP-166

Section-III-Healthcare (Posters List)		
Sl.No	Author/Title	Poster No.
1	Green synthesis of ceria nanoparticles using Momordicacharantia seed extract and their biomedical applications B.Nirmala, Vinutha K, SummayiaShaistha, Lakxmi Prasad K, Pavan Kumar M A Bhagyalakshmi MG.Nagaraju	PP-201
2	Chemical synthesis, characterization of substituted 1, 2, 4-triazole-3-thiol derivatives and their role as dual Akt / mTOR inhibitors which inhibits growth and induces apoptosis through the suppression of Akt /mTOR pathways of hepatocelular carcinoma Raghu Ningegowda, Prasanna Kumar S.G,B.S. Priya	PP-202
3	Synthesis, Characterization, and Antibacterial Activities of Thermally Treated Potassium Dichromate against <i>Bacillus subtilis</i> and <i>Staphylococcus aureus</i> Sumantha H S,Kaliprasad C S,Suresha B L, Murugendrappa M V, Laveena K B'Abhiram J	PP-203
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84	Green synthesis of silver nanoparticles by using leaf extracts OF <i>Moringaolifera</i> and review of its applications swatisunkad ^a ,sadiqaD ^b ,LeenaV Hublikar*	PP-284

Section-IV-Miscellaneous (Posters List)

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1	<p>Dielectric and electromagnetic shielding behavior of polyaniline/Ni_{0.5}Cu_{0.5}Fe₂O₄ composites</p> <p>B. J. Madhu^{1*}, B. Shruthi², H. S. Jayanna³, K. Guruswamy⁴, H. R. Venkatesha⁵</p>	PP-301
2	<p>New Zn (II) and Al (II) complexes of substituted bis(salicylidene)phenyl-1,2-diamino based organic ligands: Synthesis, Photoluminescence, Applications in forensic and Dye Sensitized Solar Cells</p> <p>*M. Srinivas,^{a,b} K.M. Mahadevan,^b and H.S. Bhojya Naik^c</p>	PP-302
3	<p>Heavy mineral analysis of sediments beyond territorial waters of mangalore, karnataka</p> <p>Akila Mathew</p>	PP-303
4	<p>Preparation and Characterisation of Copper Nanoparticles based PVA/PVP Composite Films</p> <p>R Akarsh¹, D G Raghavendra¹, Mahadevaiah², M B Nandaprakash¹, G Thejas Urs², R Somashekar²</p>	PP-304
5	<p>Zinc oxide nanoparticles by thermal decomposition from (Z)-3-hydroxy-1-phenylbut-2-en-1-one Zinc(II) intermediate.</p> <p>Chethan B. S., Hema M. K. and Lokanath N. K.*</p>	PP-305
6	<p>Integration of Hyperspectral and Petro-chemical Signatures Study on Corundum Bearing Litho-units Around Maddur, Mandya District, Karnataka, India</p> <p>¹Maruthi N.E, ²Manjunath M.C, ³Harshavardhana A.S and ¹Basavarajappa H.T</p>	PP-306
7	<p>Aster mapping of high grade manganese deposits in halekal band of hosahatty village, chitradurga district, karnataka, india</p> <p>¹Manjunatha M.C, ²Basavarajappa H.T and ³Rajendran S</p>	PP-307
8	<p>Estimation of ground and excited state dipole moments of newly synthesized organic molecule by Solvatochromic Shift method</p> <p>¹G. B. Mathapati*, ¹Ingalagondi P. K, ¹Omnath Patil, ¹Shivaleela B and ¹S. M. Hanagodimath</p>	PP-308
9	<p>Influence of Mn²⁺ ion doping on laser power dependent luminescence properties of upconversion Microcrystals</p> <p>Sana Adnan¹, Shivanand H. Nannuri¹, Santhosh Chidangil^{1,2} and</p>	PP-309

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11	Reversibility in Martensitic Transitions in Ni-Mn-Sn Magnetic Refrigerants Chin. S ¹ , Prasanna A. A ^{2*} , and Ningappa C. ³	PP-311
12	A review on Dalbergia pinniculata ROXB. Madhura K. M. ^a , Thrupthi G. N. ^b	PP-312
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14	Synthesis of Novel [1,2,4]triazolo[3,4-b][1,3,4]thiadiazine derivatives containing benzimidazole moiety Reshma S ^a and Boja Poojary ^{a*}	PP-314
15	Synthesis, Structural, Photoluminescence and Density Functional Theory analysis of a novel NLO Heterocyclic Chalcone C. Shruthi ^a , B. Guruswamy ^a , Karthik Kumara ^b , N. K. Lokanath ^b , and Janet Goveas ^c V and Ravindrachary ^{a*}	PP-315
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19	Computerized deconvolution of thermoluminescence glow curve using Python T. V. Nutan Sonale ¹ , M. Mangala Gowri ² , H. Nagabhushana ² ,	PP-319
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21	<p>A Study on Electrical Conductivity of CuO doped Hydroxy Propyl Methyl Cellulose Nano-composite Films and its depictions</p> <p>K. Vijayashree, K. Sheshappa Rai and T. Demappa*</p>	PP-321
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23	<p>Synthesis and characterization of polyaniline/Strontium composites</p> <p>Vyshali.G. S^a, Tanzeem^a, Sreekanth R^a, Ashwini I S^a, Aravinda T^b Jayadev Pattar^{*a}</p>	PP-323
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33	Potassium Iodate (KIO₃) - A Novel Reagent for the Synthesis of Isoxazolines and -Evaluation of Their Antimicrobial Activity Sumana Y. Kotian, ^a Abishad .P. M, ^b K. Byrappa ^b and K .M. Lokanatha rai ^a	PP-333
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37	Synthesis, characterization, structure, energy frameworks and DFT calculation of cobalt (II) complex with 4,4,4-trifluoro-1-phenyle butane-1,3,-dione. Udaya Kumar A. H., Hema M. K. and Lokanath N. K.*	PP-337
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