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| PP - 01 | <p align="center">Hydrolytic Stability Evaluation of Commercially Available Polycarbonates</p> <p align="center">Kavya AT, Nagaraj Dhadesugur, Debashish Banarjee, Indira Polasa, K Rajendra Singh and Sumanda Bandyopadhyay SABIC R&T India Pvt Ltd., Chikkadunnasandra Village Anekal Taluk, Bangalore, India Email: kavya.at@sabic.com</p> |
| PP - 02 | <p align="center">Effect of Deep Cryogenic treatment on Mechanical properties of Al356-Zirconium Silicate Particulate Reinforced Metal Matrix Composite</p> <p align="center">Issac G Johnson, Chandan A S, Naveen G N, Nikshep S and Shivanna Department of Mechanical Engineering, and Don Bosco Institute of Technology, Bangalore Email: issacjohnson1198@gmail.com</p> |
| PP - 03 | <p align="center">Solvent-Free Synthesis Of Silicone-Based PU for Speciality Textile Finishing Applications</p> <p align="center">Kamlesh Panwar and Indumathi Ramakrishnan Resil Chemicals and Private Limited, Bangalore. Email: kamlesh.panwar@resil.com</p> |
| PP - 04 | <p align="center">3D Printing Technology in the Area of Hybrid Investment Casting for Making Medical Implants (Femoral Hip Implants)</p> <p align="center">Vivek Tiwary, Ajinkya M. and Arunkumar P. Department of Mechanical Engineering, KLS Gogte Institute of Technology, Belagavi. Email: vgtiwary@git.edu</p> |
| PP - 05 | <p align="center">Effect of Gamma Irradiation on The Properties of Chitosan Grafted Silk Fibre Reinforced PCL Films</p> <p align="center">^aSareen Sheik, ^bSana Sheik^c and Nagaraja, G.K.* ^aDepartment of Chemistry, P.A. College of Engineering, India ^bDepartment of Botany, St. Aloysius College, Mangalore, India [*]Department of Post graduate studies in Chemistry, Mangalore University, Mangalagangothri, India. Email: nagarajagk@gmail.com</p> |
| PP - 06 | <p align="center">Studies on Single Crystal X-Ray, Hirshfeld and Third-Order Nonlinear Optical Properties of Imidazopyridine-Chalcone Derivatives</p> <p align="center">Sharanya K^a, Sandeep K M^b, Madan Kumar S^c and Nagaraja G K^a ^aDepartment of Post Graduate Studies and Research in Chemistry, Mangalore University, Mangalagangothri, 574199 D.K., Karnataka, India, . ^bDepartment of Physics, JSS Science and Technology University, Mysuru, Karnataka, India, ^cIOE, VijnanaBhavana, University of Mysore, Mysuru, Karnataka, India, Email: nagarajagk@gmail.com</p> |
| PP - 07 | <p align="center">In-Vitro Enzymatic Degradation, Swelling and Mechanical Properties of Chitosan Grafted Halloysite Nanotubes Reinforced PVA Nanocomposite</p> <p align="center">Sabia Kouser^a, Sareen Sheik^b and Nagaraja G.K^a ^{a*}Department of Post-Graduate Studies & Research in Chemistry, Mangalore University, Mangalagangothri, 574199 (D.K.), Karnataka, India. ^bDepartment of Chemistry, P.A. College of Engineering, Mangalore, 574153(D.K.), Karnataka, India. Email: nagarajagk@gmail.com</p> |
| PP - 08 | <p align="center">Preparation and Characterization of Carbon Nanotube Inorganic Perovskite Composites Using Microwave Treatment</p> <p align="center">P. Mahalingam¹, E. Kanagaraj¹, K. Saravanan² and R. Siddharthan¹ ¹Arignar Anna Government Arts College, Namakkal, Tamil Nadu. ²Thiruvalluvar Government Arts College, Rasipuram, Tamil Nadu. Email: ponmahanano@gmail.com</p> |

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| PP - 09 | <p align="center">Morphology and Structural Characterization of Functionalized Graphitic Oxide Using Microwave Treatment</p> <p align="center">R. Siddharthan, P. Mahalingam, P. Sivakumar and E. Kanagaraj Arignar Anna Government Arts College, Namakkal, Tamilnadu Email id: ponmahanano@gmail.com</p> |
| PP - 10 | <p align="center">Effect of Growth Orientation on Carbon Nanotubes Synthesis Using Fe-Co-Zn Catalyst</p> <p align="center">E. Kanagaraj, P. Mahalingam, P. Sivakumar and R. Siddharthan Arignar Anna Government Arts College, Namakkal, Tamilnadu Email: ponmahanano@gmail.com</p> |
| PP - 11 | <p align="center">Facile Synthesis of CeO₂/RGO Composite for The Photocatalyst Degradation of Reactive Blue 19 Dye</p> <p align="center">A. Loganathan¹ and P. Sivakumar² ¹ Research and Development Centre, Bharathiar University, Coimbatore Tamilnadu, India ² Department of Chemistry, Arignar Anna Govt. Arts & Science College, Namakkal, Tamilnadu, India. Email: loghunadan@gmail.com</p> |
| PP - 12 | <p align="center">Investigation of Rheology and Processing- Structure Interrelationships in Polymeric Extrusion Processes Using Simulation Techniques</p> <p align="center">Vinaykumar Chitturi^{a,b}, Jagadeesh Shivaprasad^a and Bhaskar Patham^b ^aManipal Institute of Technology, Manipal ^bSABIC Research and Technology Pvt. Ltd., Bangalore. Email: Bhaskar.Patham@sabic.com</p> |
| PP - 13 | <p align="center">Study on Synthesis, Characterization Techniques and Electrical Properties of Nano Cu₂Zr₃O₇ - HDPE Composite Sheets</p> <p align="center">Sagar J S¹, Jammula Koteswararao¹, Madhu Gattumane Motappa¹, Pradeep Kumar Dixit² and Devanshu¹ ¹Department of Chemical Engineering, M S Ramaiah Institute of Technology, Bangalore, Karnataka, India. ²Department of Electrical Engineering, M S Ramaiah Institute of Technology, Bangalore, Karnataka, India.</p> |
| PP - 14 | <p align="center">Mechanical Investigation of Polymer Hybrid Composites with Effect of Filler Loading</p> <p align="center">Jainam R Jain, Ratanlal M Purohit, Hemanth M N, Srinivas N and Sandeep. B Dept of Mechanical Engineering, VVIET, Mysuru, Karnataka, India. Email: sandeep06.402@gmail.com</p> |
| PP - 15 | <p align="center">Comparative Studies on Isolation and Biochemical Characterization of Collagen From wastes of Arabian Seafish Indian Oil Sardine (Sardinellalongiceps) and Indian Mackerel (Rastrelligerkanagurta)</p> <p align="center">Niveditha N.B.¹ and Sarojini B.K.^{1,2} ¹Biochemistry Division, Department of Chemistry, Mangalore University, Mangalagangothri, Karnataka, India. ²*Dept of Industrial Chemistry, Mangalore University, Mangalagangothri, Karnataka, India. Email: bksaroj35@gmail.com, nivedithanb.22@gmail.com</p> |
| PP - 16 | <p align="center">Polymers for Electrical and Electronics Applications</p> <p align="center">Rohinikumar S. Hilli^a, Aparna Shetty^b, Sangashetty Kalyane^c and Sharanabasappa Kammar^d. ^aA.V.Patil Arts, Science & Commerce College, Aland, ^bGovt. Autonomous Degree College, Kalaburgi ^cRural Engineering College, Bhalki, ^dM.S.Irani Degree College, Kalaburgi Email: rohinikumarhilli@yahoo.com</p> |

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| PP - 17 | <p align="center">Gellan Gum-Based Semi-Interpenetrating Network for the Effective Removal of Divalent Metal Ions from Aqueous Solutions</p> <p align="center">Arun Krishna Kodoth and Vishalakshi B. Department of Studies in Chemistry, Mangalore University, Mangalagangothri, India. Email: akkodoth@gmail.com, vishalakshi2009@yahoo.com</p> |
| PP - 18 | <p align="center">Role of Micro/Nano Fillers Combination in Hydrophobic Recovery of Glass Fiber Reinforced Epoxy Composites Under Various Contaminants</p> <p align="center">Santhy P Kuruvilla^{a,b}, Mythri R^c and N M Renukappa^d ^aMaharaja Institute of Technology, Mysuru, Karnataka, India. ^bJSS Research Foundation, JSSTI campus, Karnataka, India. ^cNational Institute of Engineering University, Mysuru, Karnataka, India. ^dJSS Science and Technology University, Mysuru, Karnataka, India. Email: shantyajish_ece@mitmysore.in</p> |
| PP - 19 | <p align="center">Development of Polymeric Blend Microspheres from Sodium Carboxymethyl Cellulose - Poly (Vinyl Pyrrolidone) for Controlled Release of Valganciclovir Hydrochloride</p> <p align="center">M.Anjaneyulu¹ M.C.S.Subha¹ and K. Chowdoji Rao² ^aDepartment of Chemistry, Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, India; ^bDepartment of Polymer Science & Technology, Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, India.</p> |
| PP - 20 | <p align="center">Synthesis of 3-(4-(1-(4-Bromophenyl)-4,5-diphenyl-1H-imidazol-2-yl)-1-phenyl-1H-pyrazol-3-yl)pyridine Catalyzed by ZnO Nanoparticles</p> <p align="center">A. Jayashree^a, B. Narayana^a and B. K. Sarojini^b ^aDepartment of Studies in Chemistry, Mangalore University, Mangalagangothri, India. ^bDepartment of Industrial Chemistry, Mangalore University, Mangalagangothri, Karnataka, India. Email: nbadiadka@gmail.com</p> |
| PP - 21 | <p align="center">Water Ageing Effects on Graphene Nanoplatelets and Multiwalled Carbon Nanotube Reinforced Epoxy Glass Fiber Nanocomposites</p> <p align="center">Madhu B.M.^a, Rashmi^b and Sailaja R R N^c Department of EEE, Siddaganga Institute of Technology, Tumkur, India ^bDepartment of EEE, Siddaganga Institute of Technology, Tumkur, India ^cThe Energy and Resources Institute (TERI), Bangalore, Karnataka, India Email: madhubm@sit.ac.in</p> |
| PP - 22 | <p align="center">Fracture Characterization of Areca Fiber Reinforced Polymer Composites</p> <p align="center">Manjunatha G B^a and Bharath K N^b ^aGM Institute of Technology, Davanagere, Karnataka, India. ^bComposite Materials and Engineering Center, Washington State University, Pullman, Washington State, United States of America. Email: manjugb4444@gmail.com, kn.bhaath@gmail.com</p> |
| PP - 23 | <p align="center">Functionalized Carbon Helix as an Effective Adsorbent for Cationic Pollutants</p> <p align="center">Smitha V Kamath^a, Manohara H.M.^a, Kanakaraj Aruchamy^a and S. K. Nataraj^{ab} ^aSustainable Energy Materials and Processes research group, Centre for Nano & Material science, Jain Global Campus, Jain University, Bangalore, India. ^bIMDEA Water Institute, Avenida Punto Com, 2. Pargue Cientifico Tecnologico de la Universidad de Alcal, Alcala de Henare, Madrid, Spain Email: s.k.nataraj@jainuniversity.ac.in</p> |
| PP - 24 | <p align="center">Ionic Liquid Functionalized Quantum Dot Based Microgel as a Protein Friendly Carrier for Cytochrome C with Enhanced Activity</p> |

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| | <p>Sachin M. Shet^a, Meena Bisht^b, Satyapriya Bhandari^{a,c}, S. K. Nataraj^{a,d} and Dibyendu Mondal^a ^aCentre for Nano & Material Sciences, JAIN (Deemed to be University) Bangalore ^bDepartamento de Química, CICECO, Universidade de Aveiro, Aveiro, Portugal. ^cPhysics Discipline, IITG, Palaj, Gandhinagar, India. ^dIMDEA Water Institute, Avenida Punto Com, 2. Parque Científico Tecnológico de la Universidad de Alcalá. Alcalá de Henares. 28805, Madrid, SPAIN. Email: m.dibyendu@jainuniversity.ac.in; sk.nataraj@jainuniversity.ac.in</p> |
| PP - 25 | <p>Quaternary Metal Oxides (Ni- Cd- Cu- Fe) as Electrode Material for High-Performance Supercapacitor</p> <p>Juno Rose A^a, Anita Samage^a, Kanakaraj Aruchamy^a and S. K. Nataraj^{ab} ^aSustainable Energy Materials and Processes research group, Centre for Nano & Material science, Jain Global Campus, Jain University, Bangalore, India. ^bIMDEA Water Institute, AvenidaPuntoCom, 2. Pargue Cientfico Tecnologico de la Universidadde Alcal, Alcal de Henare, Madrid, Spain. Email: sk.nataraj@jainuniversity.ac.in</p> |
| PP - 26 | <p>SilaneFunctionalised Glass Fibres for the Removal of Heavy Metals from the Aqueous Solutions</p> <p>Mahadevaprasad K N^aAshesh Mahto^a and S. K. Nataraj^{a,b*} ^aSustainable Energy Materials and Processes research group, Centre for Nano & Material science, Jain Global Campus, Jain University, Bangalore, India. ^bIMDEA Water Institute, AvenidaPuntoCom, 2. Pargue Cientfico Tecnologico de la Universidad de Alcal, Alcal de Henare, Madrid, Spain Email: sk.nataraj@jainuniversity.ac.in</p> |
| PP - 27 | <p>Helical Carbon Induced Active Layer Modulation in Chitosan Based Loose Nanofiltration Membranes: Selective Separation and Wastewater Treatment</p> <p>Mahaveer A.H.^a, Ashesh Mahto^a, Kanakaraj Aruchamy^a, Dibyendu Mondal^{a*}, and Sanna Kotrappanavar Nataraj^{a*,b} ^aSustainable Energy Materials and Processes research group, Centre for Nano & Material sciences, Jain university , Bangalore, India. ^bIMDEA Water Institute, Avenida Punto Com, 2. Parque Científico Tecnológico de la Universidad de Alcalá. Alcalá de Henares. Madrid, Spain Email: sk.nataraj@jainuniversity.ac.in; m.dibyendu@jainuniversity.ac.in</p> |
| PP - 28 | <p>Preparing Water Filter from Discarded Cigarette Buds: Towards Multiple Resource Recovery and Reuse</p> <p>Glenita Bridget D'Souza^a, Ashesh Mahto^a, Ashok Shrishail Maraddi^a and S. K. Nataraj^{a,b*} ^aSustainableEnergy Materials and Processes Research Group, Centre for Nano & Material science, Jain University, Bangalore, India. ^bIMDEA Water Institute, AvenidaPunto Com, 2. ParqueCientficoTecnologico de la Universidad de Alcalá, Alcal de Henares, Madrid, Spain Email: sk.nataraj@jainuniversity.ac.in</p> |
| PP - 29 | <p>Fuels and Their Effect on the Morphology and Luminescence Properties of Strontium Aluminium Oxide</p> <p>M. Chitra^a and R. Ananda Kumari^b ^aDepartment of Physics, University College of Science, Tumkur University, Tumkur, India ^bSree Siddaganaga College of Arts, Science and Commerce, Tumkur, India. Email: jas_chitra@yahoo.in</p> |
| PP - 30 | <p>Antioxidant Activity of Novel Schiff Base Iron(III) Complex of Substituted Benzimidazole</p> <p>Roopashree B^{a*}, Mahesh B^a, Preethi G^a and Gayathri V^b</p> |

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| | <p>^aDepartment of Chemistry, JSS Academy of Technical Education, Bengaluru ^bDepartment of Post Graduate Studies in Chemistry, Central College Campus, Bangalore University, Bengaluru. Email: roopashreeb@jssateb.ac.in</p> |
| PP - 31 | <p>Gamma Irradiation Effects on Optical, Electrical and Dielectric Properties of Some Nonlinear Optical Crystals</p> <p>Vinayakprasanna Narayan Hegde^a, A P Gnana Praksh^b and B C Hemaraju*</p> <p>^aDepartment of Physics, Vidyavardaka College of Engineering, Mysuru ^bDept of Studies in Physics, Uni of Mysore, Mysuru, Karnataka, India *Department of Physics, Malnad College of Engineering, Hassan Email: hemarajubc@gmail.com</p> |
| PP - 32 | <p>Synthesis and Characterization of Antimicrobial Polymaleates</p> <p>Akshatha Nagaraja and Yashoda Malgar Puttaiahgowda *</p> <p>¹Department of Chemistry, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal-576104. Email: yashoda.mp@manipal.edu</p> |
| PP - 33 | <p>Aminoclay Functionalized Silver Nanoparticles based Polyamide Membrane for Water Treatment</p> <p>Santhosh K. N^a, Ashesh Mahto^a and S. K. Nataraj^{*ab}</p> <p>^aSustainable Energy Materials and Processes research group, Centre for Nano & Material science, Jain Global Campus, Jain University, Bangalore, India. ^bIMDEA Water Institute, Avenida Punto Com, Parque Científico Tecnológico de la Universidad de Alcalá, Alcalá de Henares, Madrid, Spain Email: sk.nataraj@jainuniversity.ac.in</p> |
| PP - 34 | <p>Fabrication and Characterization of Ecofriendly Electrospun Dye Doped DNA/PVA Blend Nano Fibers for OLED Application</p> <p>Kabiru Bello, Balladka K. Sarojini and Kishori R. Harshitha Department of Industrial Chemistry, Mangalore University, Mangalaganothi-574199, D.K. Karanataka, India. Email: bksaroj35@gmail.com</p> |
| PP - 35 | <p>Performance Evaluation of Nano ZrAl₂O₅ Contents on Opto-Electrical Behavior of Polyvinyl Pyrrolidone/Polyvinyl Alcohol Nanocomposite Films</p> <p>Adel Morshed Nagi Saeed^{1,2}, Murad Q. A. Al-Gunaid^{1,2,4}, Abdo Hezam³ and Siddaramaiah^{1*}</p> <p>¹Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engg., JSS Science and Technology University, Mysuru, India. ²JSS Research Foundation, JSSTU Campus, Mysuru, India. ³Centre for Materials Science and Technology, UOM, Mysuru, India. ⁴Department of Chemistry, Faculty of Education, Thamar University, Dhamar, Yemen. Email: adel13115@gmail.com, siddaramaiah@gmail.com</p> |
| PP - 36 | <p>Theoretical Investigation of NLO Properties of a Novel Heterocyclic Compound using Density Functional Theory</p> <p>C. Shruthi^a, V. Ravindrachary^{a*}, B. Guruswamy^a and Janet Goveas^b</p> <p>^aDepartment of Physics, Mangalore University, Mangalagangothri, India ^bDepartment of Chemistry, Mangalore University, Mangalagangothri, India Email: vravi2000@yahoo.com</p> |
| PP - 37 | <p>Modification of Optical Properties of MPA Capped Colloidal CdTeQDs against Gamma Irradiation @ different pH condition</p> <p>S P Raju¹, K Hareesh², S D Dhole³, M R Rangaraju¹ and Ganesh Sanjeev⁴</p> <p>¹Department of Physics, Malnad College of Engineering, India ²School of Physics, Reva University, Bangalore, India</p> |

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| PP - 38 | <p>Multifunctional Properties in Nanostructured Heusler Alloys</p> <p>Prasanna A A^{1*}, Rangaraju M R¹, Sachin S² and Ningappa C³ ¹Department of Physics, Malnad College of Engineering, Hassan, Karnataka, India ²Department of Physics, Maharaja Institute of Technology, Thandavapura, NanjangudTaluk, MySuru, Karnataka, India ³Department of Physics, VidyaVikas Institute of Engineering and Technology, Mysore, India Email: aap13iit@gmail.com</p> |
| PP - 39 | <p>Reduction of Graphene Oxide by PhyllanthusEmblica as a Reducing Agent - A Green Approach</p> <p>D. R. Madhuri^a, K. Kavyashree^a, Ashok R Lamani[*], H. S. Jayanna^a, G. Nagaraju^b and Shridhar Mundinamani^c ^aDepartment of PG Studies and Research in Physics, Kuvempu University, JnanaSahyadri, Shankaraghatta,Shivamogga, Karnataka, India. – 577451 ^bDepartment of Chemistry, Siddaganga Institute of Technology, Tumakuru, India ^cDepartment of Physics, Siddaganga Institute of Technology, Tumakuru, India Email: ashok1571972@gmail.com</p> |
| PP - 40 | <p>Green Synthesis and Characterization of Silver Nanoparticles from Flower Extract of Butea Monosperma and its Antimicrobial Activity</p> <p>Anil Kumar K. M, Yashas S.R and Shivaraju H. Puttaiah* ¹Department of Water and Health, JSS Academy of Higher Education and Research, Mysuru-570015, Karnataka, INDIA. Email: shivarajuenvi@gmail.com</p> |
| PP - 41 | <p>Synthesis and Characterization of Chlorotrifluoroethylene-based Fluorocopolymers with Vinyl Oxyketoalkyls by RAFT Process</p> <p>Y. Maruthi, A. N. Pawar, M. Sridhar* and A. V. Sessa Sainath* Fluoro-Agrochemicals and Polymers Department and Academy of Scientific & Innovative Research (AcSIR), CSIR-Indian Institute of Chemical Technology, Hyderabad 500007, India. Email: avssainath@yahoo.com; avss@csir.iict.in</p> |
| PP - 42 | <p>Design and Analysis of Injection Mould for Meniscal Gun Cover</p> <p>Likitha.J^{*a} and N. Ramesha^b Department of PG Studies, Govt. Tool Room & Training Centre, Mysore-16 Email: likibjk1605@gmail.com</p> |
| PP - 43 | <p>Design of Blow Moulding Tool for 1.2 Liters PET Bottle</p> <p>Shreyas M S^{*a} and N Ramesha^b Department of PG Studies, Govt. Tool Room & Training Centre, Mysore-16. Karnataka, India Email: shreyas.sagar280@gmail.com and samarthson@gmail.com</p> |
| PP - 44 | <p>Aerodynamic Characteristic Material for Enhancing Efficiency of Wind Turbine</p> <p>Sowrabh Kugunavar^{*a} and N Ramesha^b Department of PG Studies, Govt. Tool Room & Training Centre, Mysore-16. Karnataka, India, Email: sowrabh95@gmail.com Email: samarthson@gmail.com</p> |
| PP - 45 | <p>Effect on Core and Cavity by Surface Coating in Injection Molding Tool</p> <p>Thanusha Nandish^{*a} and N Ramesha^b Department of PG Studies, Govt. Tool Room & Training centre, Mysore-16. Karnataka, India Email: thanushanandish03@gmail.com / samarthson@gmail.com</p> |

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| PP - 46 | <p align="center">Locust Bean Gum Based pH Sensitive Hydrogel Matrices: Synthesis, Swelling, and Controlled Drug Release Studies</p> <p align="center">G. Viswanathareddy^{a,b}, K. Nagaraja^c and K.S.V. Krishna Rao^{c*} ^aDepartment of Chemistry, APIIT, RK Valley, Idupulapaya-516330, India ^bDepartment of Chemistry, Rayalaseema University, Kadapa-516 003, India ^cPolymer Biomaterial Design and Synthesis Laboratory, Department of Chemistry, Yogi Vemana University, Kadapa, Andhra Pradesh, India. Email: ksvkr@yogivemanauniversity.ac.in</p> |
| PP - 47 | <p align="center">Hydrothermal Synthesis of p-type Cu₂FeSnS₄ Nanoparticles from Metal-Diethyldithiocarbamate Precursors for Solar Cell Applications</p> <p align="center">R. Swetha^a, G. Sahaya Dennish Babu^{b*}, Shivani Dhall^c and Mengistie L. Debasu^d ^aDept of Electronics and Communication Engineering, ^bDepartment of Physics, Chettinad College of Engineering and Technology, Karur, ^cDepartment of Physics, Indian Institute of Technology, Delhi ^dDepartment of Materials Science, Universidad de Aveiro, Portugal Email: dennishnano@gmail.com</p> |
| PP - 48 | <p align="center">Modest Sol-Gel Chemical Synthesis of Cu - Metal Organic Frameworks (Mofs) for Memory Storage Applications</p> <p align="center">V. Sruiram¹ and G. Sahaya Dennish Babu^{2*} ¹Department of Computer Science and Engineering, ²Department of Physics, Chettinad College of Engineering and Technology, Puliur-CF, Karur Email: dennishnano@gmail.com</p> |
| PP - 49 | <p align="center">Hydrothermal Synthesis and Characterization of Cu₂ZnSnSe₄ Chalcogenide Nanoparticles for Solar Cell Applications</p> <p align="center">J. Aravind¹ and G. Sahaya Dennish Babu^{2*} ¹Department of Computer Science and Engineering,²Department of Physics, Chettinad College of Engineering and Technology, Puliur-CF, Karur, Tamil Nadu Email: dennishnano@gmail.com</p> |
| PP - 50 | <p align="center">One Step Simple Hydrothermal Synthesis and Characterization of Rare-Earth Molybdate (REMoO₄) Nanomaterials for Optoelectronic Applications</p> <p align="center">K. Sunilprasad^a, G. Sahaya Dennish Babu^b and Manuel E. Torres^c ^aDepartment of Electronics and Communication Engineering, ^bDepartment of Physics, Chettinad College of Engineering and Technology, Karur ^cDepartament ode Fisica, Universidad de La Laguna, E-38206, Spain. Email: dennishnano@gmail.com</p> |
| PP - 51 | <p align="center">Synthesis of Zinc Stannate (ZnSnO₃) Perovskite Nanomaterials for Solar Cell Applications</p> <p align="center">K. Rasika¹ and G. Sahaya Dennish Babu^{2*} ¹ Department of Electronics and Communication Engineering, ²Department of Physics, Chettinad College of Engineering and Technology, Puliur-CF, Karur, Tamil Nadu, Email: dennishnano@gmail.com</p> |
| PP - 52 | <p align="center">Simple Chemical Synthesis and Characterization of Methylammonium Lead Iodide-Bromide (CH₃NH₃PbBr₃) Nanomaterials for Solar Cell Applications</p> <p align="center">M. Tamilavan^a, G. Sahaya Dennish Babu^{b*}, Farshid Pahlevani^c and Veena Sahajwalla^c ^aDepartment of Electronics and Communication Engineering, ^bDepartment of Physics, Chettinad College of Engineering and Technology, Puliur, Karur, Tamil Nadu, India, ^cSustainable Materials Research and Technology (SMaRT), UNSW, Australia, Email: dennishnano@gmail.com</p> |

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| PP - 53 | <p align="center">Photocatalytic Decomposition of an Organic Pollutant by the ZnV₂O₆/GCN Composites</p> <p align="center">Pema Gyaltzen, Yashas S R, and Shivaraju H P* Department of Water and Health, Faculty of Natural Sciences, JSS Academy of Higher Education and Research, Mysuru, India. Email: shivarajuenvi@gmail.com</p> |
| PP - 54 | <p align="center">Synthesis of AgFeO₂/GO Composite for Photocatalytic Degradation of Environmentally Hazardous Pollutant</p> <p align="center">Tenzin Thinley, Yashas S R, and Shivaraju H P* Department of Water and Health, Faculty of Natural Sciences, JSS Academy of Higher Education and Research, Mysuru, India. Email: shivarajuenvi@gmail.com</p> |
| PP - 55 | <p align="center">Mussel-Inspired Self-Healable, Tough Hydrogels of Sodium Alginate-Dopamine/Graphene for Strain Sensitive Properties</p> <p align="center">Maduru Suneetha, Kummara Madhusudana Rao and Sung Soo Han School of Chemical Engineering, Yeungnam University, 280-Daehak-Ro, Gyeongsan 712-749, South Korea. Email: sshan@yu.ac.kr</p> |
| PP - 56 | <p align="center">Influence of Grain Boundaries on the Figure of Merit of Undoped, In₂O₃ and In₂O₃/SnO Doped ZnO for Electrical Applications</p> <p align="center">Raksha and K. R, Sannaiah Ananda DOS in Chemistry, University of Mysore, Mysuru-570006, India</p> |
| PP - 57 | <p align="center">Glycerol Valorization to Pharmaceutically Important Compounds by Microwave Synthesis</p> <p align="center">Bhagyalakshmi¹ and Veerabhadraswamy M² ¹Ambedkar Institute of Technology, Mallathally, Bangalore ²Green Chemistry Center, PES University, BSK 3rd Stage, Bangalore</p> |
| PP - 58 | <p align="center">Microwave – Aided Synthesis and Evaluation of Pharmacological Activities of Bis-Semicarbazones and Bis-(5-Aryl Substituted-1, 3, 4-Oxadiazole)</p> <p align="center">Veerabhadraswamy M and Bhimashankar Molkere Green Chemistry Center, PES University, Bangalore</p> |
| PP - 59 | <p align="center">Role of Polymer Chain Packing on Photophysical Properties of Poly(L-Lactide) Substituted Tetraphenylethylene</p> <p align="center">G. Virat^{a,b} and E. Bhoje Gowd^{a,b} ^a Materials Science and Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, Kerala, ^bAcademy of Scientific and Innovative Research (AcSIR), Ghaziabad, U.P, Email: bhojgowd@niist.res.in</p> |
| PP - 60 | <p align="center">Material Substances of Rooting & Growth Mediums of Sugarcane Plant as Hydroponic</p> <p align="center">Prakriti Das and [#]Debabrata Das Department of Biotechnology, AMITY University, New Town, Kolkata-7000157 [#]ICAR-CIFRI, Kolkata Centre, Salt Lake, Sector-I, Kolkata-700 064</p> |
| PP - 61 | <p align="center">Studies on The Effect of Biobased Ingredients on Rheological, Physico-Mechanical and Thermal Properties of Rubber Compound</p> <p align="center">Gnana Sandeep S. R , Roopa, S and K. Rajkumar Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, Mysuru, India</p> |
| PP - 62 | <p align="center">Microwave Assisted Synthesis of Nickel Copper Oxide Nanoparticles and its Application as a Transducer Material for the Sensitive Detection of Dopamine a Neurotransmitter in Biological</p> |

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| | Samples |
| | Manikanta P, and Sandeep S Department of Chemistry, JSS Science and Technology University, Mysuru |
| PP - 63 | Studies on Mechanical Properties of Structurally Modified Poly(Vinyl Alcohol) B. Manikandan¹, S. Krishnamohan¹, and R. Anbarasan^{2,*} ¹ Dept of Mechanical Engg., EGSPillaiEngineering College, Nagapattinam, Tamilnadu, India, ² Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan, Email: anbu_may3@yahoo.co.in |
| PP - 64 | Drug Release Activity of Poly(ϵ-caprolactone-co-tetrahydrofuran) Diblock Copolymer S. Kailash¹, B. Meenarathi¹ and R. Anbarasan^{2,*} ¹ Department of Polymer Technology, Kamaraj College of Engineering and Technology, Madurai, Tamilnadu, India. ² Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan. Email: anbu_may3@yahoo.co.in |
| PP - 65 | Poly-O-Anicidine Tuning of Structural, Electrical and Electrochemical Properties of Gelatin as Biopolymer Composites Anupama. B. H^a, Murad Q.A. Al-Gunaid^{a,b} and Siddaramaiah^a ^a Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysore, ^b Department of Chemistry, Faculty of Education, Thamar University, Dhamar, Yemen anupamabh8@gmail.com, morad.jounid11@gmail.com&siddaramaiah@gmail.com |
| PP - 66 | Investigation of Antioxidants Effect on Recycled Polyethylene Multilayer Rotomolded Water Storage Tanks Prasanna Gantigemane Parameshwara^{1&2} and Siddaramaiah¹ ¹ Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysore, ² Konkan Speciality Polyproducts Pvt. Ltd., KIADB Industrial Area, Baikampady, Mangalore, India |
| PP - 67 | Green Luminescent Polymethyl methacrylate –Methylamine Lead bromide Nanocomposites for Opto-electronic applications Kavya.R^{1&3}, Madhukar. B. S², G Sahaya Dennish Babu⁵, Somesh, T.E³, Sangamesh. M. A⁴ and Siddaramaiah³ ¹ Department of Chemistry, JSS College for Women, Mysuru, India ² Department of Chemistry, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru, India ³ Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, Mysuru, India ⁴ Dept of Chemistry, National institute of Engineering College, Mysuru ⁵ Department of Physics, Chettinad College of Engineering and Technology, Karur, Tamilnadu |
| PP - 68 | Ferric Oxide Nanoparticles -Synthesis, Characterization and their Morphology, Crystal Studies and Optical Properties Tirukoti Mounik, Shiddappa L. Belagali¹ and Vadiraj K.T.² ¹ Environmental Chemistry Section, Department of Studies in Environmental Science, UOM, Manasagangothri, Mysore, India. ² Department of Water & Health, JSS Academy of Higher Education & Research, Mysore- 570 015, India. Email: vadirajkt@jssuni.edu.in |
| PP - 69 | Comparative Study of Thiazolidin-4-Ones Molecules using Hirshfeld Surface Analysis |

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| | <p style="text-align: center;">Neetha S¹, S Doreswamy² and Sridhar M A³ ^{1,2}Dept of Physics, The National Institute of Engineering, Mysuru, Karnataka, India ³Department of Studies in Physics, Manasagangotri, University of Mysore, Mysuru, India</p> |
| PP - 70 | <p style="text-align: center;">Electrical and Optical Properties of ZnO Nanoparticles Synthesized by an Eco-friendly Approach</p> <p style="text-align: center;">Reshma H K, Ashok R L and H S Jayanna* Department of P.G. Studies and Research in Physics, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shimoga, Karnataka, India. Email: jayanna60@gmail.com</p> |
| PP - 71 | <p style="text-align: center;">Modifying Poly(Vinyl Alcohol) (PVA) from Insulator to Small-Bandgap Polymer: An Approach for Optoelectronic Devices</p> <p style="text-align: center;">Sangamesha M.A¹, Lokesh Kumar S², K. Pushpalatha¹ and Madhukar B S³ ¹Dept of Chemistry, the National Institute of Engineering, Mysore, India. ²Department of Chemistry (PG), St. Philomena's, Mysuru ³Dept of Chemistry, JSS Science and Technology University, Mysore Email: kplnie@hotmail.com</p> |
| PP - 72 | <p style="text-align: center;">Visible Spectra of Earth</p> <p style="text-align: center;">N. Shobha Department of Chemistry, Maharani Science College for women, Maharani Cluster University, Palace Road Bengaluru, Email: shobhamaha@gmail.com</p> |
| PP - 73 | <p style="text-align: center;">Novel Phthalocyanine Composite Material for the Selective Electrochemical Detection of Dopamine</p> <p style="text-align: center;">Sarvajith M. S,¹ Fasiulla^{1*}, Harish M. N. K,² and Mruthyunjayachari C. D³ ¹Dept of Chemistry, Manipal Institute of Technology, MAHE, Manipal ²Department of Chemistry, Acharya Institute of Technology, Bangalore- ³Department of Chemistry, Indian Institute of Science, Education and Research, Pune, Email: fasiulla1976@gmail.com</p> |
| PP - 74 | <p style="text-align: center;">ZnO/Ag/NiOHeterostructures for Enhanced Photocatalysis</p> <p style="text-align: center;">Shubha J.P,^{1*} and Jayalakshmi N,² Department of Chemistry¹, Department of Mechanical Engineering², Don Bosco Institute of Technology, Mysore Road, Bangalore, India ²Department of Mechanical Engineering, University Visvesvaraya College of Engineering, Bangalore, India</p> |
| PP - 75 | <p style="text-align: center;">Optical Behaviours and Dielectric Properties of PVA/Silver Doped Indium oxide (Ag_{0.15}In_{0.85}O₂) Nanocomposite Films</p> <p style="text-align: center;">SomeshT.E^{1,2}, H.S. Vedhavathi³, Murad Q. Al-Gunaid^{1,2}, Adel M. N. Saeed^{1,2}, Sachhidananda S¹, Madhukar B.S³ and Siddaramaiah^{1*} ¹Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, Mysuru, India ²JSS Research Foundation, University of Mysore, Mysuru, India ³Department of Chemistry, JSS S&T University, Mysuru, India</p> |
| PP - 76 | <p style="text-align: center;">Effect of HNT on Capacitance of Electroactive Polycarbonate Nanocomposites</p> <p style="text-align: center;">Shashikala B.S^{1&2}, T.E. Somesh², Santhosh G³, Anupama B.H², Anasuya S.J¹ and Siddaramaiah² ¹Department of Physics, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru, India. ²Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering,</p> |

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| | Mysuru, India. ³ Department of Mechanical Engineering, NMAMIT, Nitte, India. |
| PP - 77 | Study on Cutting Characteristics with Temperature Variation in Drill Process of Composites Jeong Hwan Lee^a, Seung Hyeon Yoo^a, Sung Hoon Oh^a and Jun Hee Song^b ^a Mechanical System Engineering of Jeonbuk Notional University ^b Division of Convergence Technology Engineering, Jeonbuk National University Email: sjhee@jbnu.ac.kr |
| PP - 78 | CoSx@Cu2MoS4Core@shell Nanoparticles Encapsulated by N,S-codoped Graphene for Oxygen Reduction Reaction Dinh Chuong Nguyen^a, Duy Thanh Tran^a, Thi Luu Luyen Doan^a, Nam Hoon Kim^{a,*} and Joong Hee Lee^{ab,*} ^a Advanced Materials Institute of BIN Convergence (BK plus Global) & Department of BIN Convergence Technology, Jeonbuk National University ^b Center for Carbon Composite Materials, Department of Polymer & Nano Science and Technology, Jeonbuk National University, Jeonju, Jeonbuk, 54896, Republic of Korea * jhl@jbnu.ac.kr and nhk@jbnu.ac.kr |
| PP - 79 | Ru, Se-doped MoS₂ Assembled TiN Nanorods on Carbon-Cloth for Enhanced Overall Water Splitting Application Hien Van Hoa^a, Duy Thanh Tran^a, Nam Hoon Kim^{a,b,*}, Joong Hee Lee^{a,b,*} ^a Applied Materials Institute for BIN Convergence Technology, Department of BIN Convergence Technology, Jeonbuk National University, Jeonju, Jeonbuk, Republic of Korea. ^b Regional Leading Research Center for Nanocarbon-based Energy Materials and Application Technology, Jeonbuk National University, Jeonju, Jeonbuk, 54896, Republic of Korea. *Email: jhl@jbnu.ac.kr, nhk@jbnu.ac.kr |
| PP - 80 | A Novel Sensor Derived from Carbon Fibres-Graphene Supported Gold Nanoparticles for Nitrite Sensing Application Huu Tuan Le^a, Ok Beom Seo^a, Duy Thanh Tran^a, Van Hien Hoa^a, Nam Hoon Kim^{a,b,*} and Joong Hee Lee^{a,b,*} ^a Applied Materials Institute for BIN Convergence Technology, Department of BIN Convergence Technology, Jeonbuk National University, Jeonju, Jeonbuk, Republic of Korea. ^b Regional Leading Research Center for Nanocarbon-based Energy Materials and Application Technology, Jeonbuk National University, Jeonju, Jeonbuk, 54896, Republic of Korea. *Email of corresponding author: jhl@jbnu.ac.kr and nhk@jbnu.ac.kr |
| PP - 81 | CuS@Co2PCore@shell Nanowire Arrays Supported by 3D Framework for Enhanced Water Splitting Thi Luu Luyen Doan^a, Chandan Chandru Gudal^a, Duy Thanh Tran^a, Dinh Chuong Nguyen^a, Nam Hoon Kim^{a,b} and Joong Hee Lee^{a,b,*} ^a Advanced Materials Institute of BIN Convergence (BK plus Global) & Department of BIN Convergence Technology, Jeonbuk National University ^b Center for Carbon Composite Materials, Department of Polymer & Nano Science and Technology, Jeonbuk National University, Jeonju, Jeonbuk, 54896, Republic of Korea *Email: jhl@jbnu.ac.kr and nhk@jbnu.ac.kr |
| PP - 82 | Enhancement Thermal Conductivity of High Density Polyethylene (HDPE) via Functionalized Boron Nitride Nanosheets Young Sun Lee^a, Ok-kyung Park^b, Nam Hoon Kim^{a,b,c} and Joong Hee Lee^{a,c} ^a Advanced Materials Reserch Institute for BIN Convergence Technology & Department of BIN Convergence Technology ^b Carbon Nano Convergence Technology Center for Next Generation Engineers (CNN) ^c Regional Leading Research Center for Nanocarbon-based Energy Materials and Application |

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| | Technology, Jeonju, Jeonbuk, 54896, Republic of Korea. *Email: jhl@jbnu.ac.kr , nhk@jbnu.ac.kr |
| PP - 83 | Improvement of Mechanical Properties by Polydopamine Surface Treatment of Super Fiber Composites Jun Hee Song Division of Convergence Technology Engineering, Jeonbuk National University, Email: sjhee@jbnu.ac.kr |
| PP - 84 | 2D MoS₂ Microspheres Decorated on 3-D DE for the Removal of Cationic Dyes via Batch and Continuous Adsorption Process Arvind O. R., U.T. Uthappa and Mahaveer D. Kurkuri Centre for Nano and Material Sciences, Jain global campus, JAIN (Deemed-to-be University), Bengaluru-562112, India Email: arvindaswamiorr@gmail.com , mahaveer.kurkuri@jainuniversity.ac.in |
| PP - 85 | Development and Performance Evaluation of Metal oxide Decorated Silk Fabrics Jagajeevan Raj BM¹, Pushpalatha K¹, Nithin KS¹, Sachhidananda S² and Siddaramaiah² ¹ Department of Chemistry, National Institute of Engineering, Mysuru. ² Department of Polymer Science and Technology, Sri Jayachamarajendra college of Engineering, Mysuru |
| PP - 86 | Fabrication and Optical Characterization of Calcium doped Zirconate Dispersed Hybrid PVP-PVA Nanocomposites H.V. Kavya^{a,b}, B. K. Kendagannaswamy^b, N.A. Chamaraja^{c*}, K.S. Nithin^d, S. Sachhidananda^e and Siddaramaiah^c ^a Department of Chemistry, Vidya Vikas Institute of Engineering, Mysuru. ^b Department of Chemistry, JSSCACS, Ooty road, Mysuru. ^c Department of Chemistry, JSS Academy of Technical Education, Bengaluru. ^d Department of Chemistry, The National Institute of Engineering Mysore. ^e Department of Polymer Science and Technology, Sri Jayachamarajendra college of Engineering, Mysuru, India. Email: chamarajana@jssateb.ac.in |
| PP - 87 | Study of Physical, Mechanical, Water Absorbance of Coir pith based - Epoxy Green Composite Fiza Manju Tom, Geethanjali D, Athulya Regi and Manjula K S* Department of Polymer and biopolymer Science, CIPET-IPT Kochi Email: manjulaks@gmail.com . |
| PP - 88 | A Studies on Effect of Fumed Silica Filler on Gelatin Biopolymer Christina Elzabeth George, Anila Antony, Priya Benny C, and Manjula K S Department of Biopolymer Science, CIPET-IPT. Kochi, Email: manjulaks@gmail.com |
| PP - 89 | Natural fibre reinforced polymer composite for automobile (structural) applications Sandesh S Nayak and Muniraju M Department of Mechanical Engineering, Govt. Engg. College, Chamarajanagara Dist., Karnataka. |
| PP - 90 | Investigation of Thermo-mechanical properties of heat treated friction welded superelastic shape memory Nitinol alloy Shashikala A ^a , Muniraju M ^b and Pakkirappa H ^c ^a Department of Mechanical Engineering, Acharya Institute of Technology, Bengaluru ^b Department of Mechanical Engineering, Government College of Engineering, Chamarajanagar ^c Department of Mechanical Engineering, Acharya Institute of Technology, Bengaluru Email: shashikala023@gmail.com |
| PP - 91 | Tribological Behaviour of Cryogenic Heat Treated Tungsten Carbide Reinforced AA2024 Fabricated by Powder Metallurgy Technology Route |

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| | <p align="center">Shadakshari R^a, Pakkirappa, H^a, Muniraju M^b, and Anil Chalawadi^c ^aDepartment of Mechanical Engineering, Acharya Institute of Technology, Bengaluru, India ^bDepartment of Mechanical Engineering, Government Engineering College, Chamarajanagara, India ^cRelationship Engineer, GKB Hi-Tech Lenses Pvt. Ltd, Bengaluru, Karnataka, India Email: shadaksharir@acharya.ac.in</p> |
| PP - 92 | <p align="center">Impact of Sliding Velocity and Distance on the Sliding Wear Behavior of Glass – Epoxy Nano Composites</p> <p>M S Aswathnaryan¹, Muniraju.M², H N Reddappa³, Rudresh B M⁴ Lohith⁵ and Mohana.V⁶, ^{1,5,6}Dept of Mechanical Engineering, East Point College of Engg. and Tech., Bangalore, India ²Dept of Mechanical Engineering, Government Engineering College, Chamarajnaragar, India ³Dept of Mechanical Engineering, Bangalore Institute of Technology, Karnataka, India ⁴Dept of Mechanical Engineering, Government Engineering College, K R Pet, India Email: bmrudreshan@gmail.com</p> |
| PP - 93 | <p align="center">Nanomaterials in Drug Delivery</p> <p align="center">Shruthi P¹, P M Ramadas Bhandarkar ^{*1}, K Pushpalatha¹, Nithin K S¹, Sachhidananda S², Jagajeevanraj B M¹ ¹Department of Chemistry, National Institute of Engineering, Mysuru - 570008. ²Department of Polymer Science and Technology, Sri Jayachamarajendra college of Engineering, Mysuru – 570 008</p> |
| PP - 94 | <p align="center">Using Fly Ash And Rice Husk In Water Treatment Process</p> <p align="center">Abinesh Siva Manikandan. J.R¹, Akshaya.G¹, Ekleezhya, H.B¹, Manisha Vidyavathy. S¹ and Vinothan. R² ¹Alagappa College of Technology, Anna University, Chennai ²Orient Bell Pvt. Ltd., Bangalore</p> |
| PP - 95 | <p align="center">Synthesis, Characterization and Molecular Modeling Studies of (E)-3-tert-butyl-7-styryl-4H-[1,3,4]thiadiazolo[2,3-c][1,2,4]triazin-4-one Derivative as Potential Human Aurora A Kinase Inhibitor</p> <p align="center">Chandra^a, Gayathri B. H^b and Parameswara P^a ^aDepartment of Physics, The National Institute of Engineering, Mysuru ^bP G Department of Chemistry, B M S College for Women, Bangalore Email: mychandru.10@gmail.com</p> |
| PP - 96 | <p align="center">Biodegradable Elastomers for Biomedical Applications – A Review</p> <p align="center">Noorudheen, P and G. Unnikrishnan Polymer Science and Technology Research Laboratory, National Institute of Technology Calicut, Kerala. Email: unnig@nitc.ac.in</p> |
| PP - 97 | <p align="center">Comparative studies on partial replacement of Cement by using WTP and STP Sludge (inclusive of SEM and EDS characteristic values)</p> <p align="center">Shreyas B.V., Deepthi. B.P., Vishwanath. K.N. Dept of Civil Engineering, DSATM, Bengaluru Email: shreyasbv2009@gmail.com, deepthi.phalanetra@gmail.com, vishukv@yahoo.com</p> |
| PP - 98 | <p align="center">Grain Size Measurement of Varied Soil Particles by Sieve Analysis – A Case Study in Mysore District, South India</p> <p align="center">Nagendra P, Thanmaya B M, Samarth Urs M, K.N. Prakash Narasimha and Suresh Kumar B.V Department of Studies in Earth Science, Univ. of Mysore, Manasagangotri, Mysore, India Email: geonagendra77@gmail.com</p> |
| PP - 99 | <p align="center">Development and Evaluation of Orally Disintegrating Mini -tablets Containing Salbutamol Sulphate</p> <p align="center">Sanjana S and Somashekhar CN</p> |

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| | Department of Pharmaceutics, Bharathi College of Pharmacy, KM Doddi, Mandya, India. |
| PP - 100 | <p align="center">Development and Evaluation of Ophthalmic In-situ gel Containing Azithromycin</p> <p align="center">Rashmi B and Somashekhar CN Department of Pharmaceutics, Bharathi College of Pharmacy, KM Doddi, Mandya, India.</p> |
| PP - 101 | <p align="center">Development and evaluation of Mefenamic acid and β-cyclodextrin Complex based Orally Disintegrating Tablets</p> <p align="center">Prasad M S and Somashekhar C N Department of Pharmaceutics, Bharathi College of Pharmacy, KM Doddi, Mandya, India.</p> |
| PP - 102 | <p align="center">Liquid Crystalline Systems Based on Glyceryl Monooleate for the Treatment of Melanoma</p> <p align="center">Pradeep Kumar S, Vikas Jain and DV Gowda Department of pharmaceutics, JSS College of Pharmacy, JSSAHER, SS Nagar, Mysuru, Karnataka, India.</p> |
| PP - 103 | <p align="center">Evaluation of Wound Healing Activity of Sesame Oil</p> <p align="center">Jayaprakash J S, D Vishakante Gowda and P K Kulkarni Department of pharmaceutics, JSS College of Pharmacy, JSS Academy of Higher Education and Research, Sri Shivarathreeshwara Nagar, Mysuru, Karnataka, India.</p> |
| PP - 104 | <p align="center">Formulation and Evaluation of Orally Disintegrating Mini-tablet (ODMTs) Loaded with Cetirizine HCL to Enhance Patient Compliance</p> <p align="center">D V Gowda ¹, Kowsalya N¹, Siddaramaiah² and Hemalatha S³ ¹Department of Pharmaceutics, JSS College of Pharmacy, JSS Academy of Higher Education and Research, S S Nagara, Mysuru, Karnataka, India. ²Department of Polymer science and Technology, S J College of Engineering, JSS Science and Technology University, Mysuru, Karnataka, India. ³Department of Anaesthesia, JSS Medical College and Hospital, JSS Academy of Higher Education and Research, S S Nagara, Mysuru, Karnataka, India.</p> |
| PP - 105 | <p align="center">Formulation and Evaluation of Solid Self Micro Emulsifying Dispersible Tablet of Piroxicam</p> <p align="center">D V Gowda ¹, Garish SH¹, Siddaramaiah² and Hemalatha S³ ¹ Department of Pharmaceutics, JSS College of Pharmacy, JSS Academy of Higher Education and Research, S S Nagara, Mysuru, Karnataka, India. ²Department of Polymer science and Technology, S J College of Engineering, JSS Science and Technology University, Mysuru, Karnataka, India. ³Department of Anaesthesia, JSS Medical College and Hospital, JSS Academy of Higher Education and Research, S S Nagara, Mysuru, Karnataka, India.</p> |
| PP - 106 | <p align="center">Formulation and performance of Piroxicam Nano Crystalline Suspension and Granulated or Spray Dried Powders</p> <p align="center">D V Gowda ¹, Shravanth S H¹, Siddaramaiah² and Hemalatha S³ ¹Department of Pharmaceutics, JSS College of Pharmacy, JSS Academy of Higher Education and Research, S S Nagara, Mysuru, Karnataka, India. ²Department of Polymer science and Technology, S J College of Engineering, JSS Science and Technology University, Mysuru, Karnataka, India. ³Department of Anaesthesia, JSS Medical College and Hospital, JSS Academy of Higher Education and Research, S S Nagara, Mysuru, Karnataka, India.</p> |
| PP - 107 | <p align="center">Development and Evaluation of Ocular Insert Loaded with Cyclosporin A Sodium Hyaluronate for Treating Dry Eye Disease</p> <p align="center">Chetan kumar and D V Gowda Department of Pharmaceutics, JSS College of Pharmacy, JSSAHER, SS Nagara, Mysuru, Karnataka, India. Email: chetankuamr.vh93@gamil.com</p> |

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| PP - 108 | <p align="center">Electrochemical Synthesis of 3D Hierarchical Co₃S₄/Co₉S₈ Nanoparticles as Photocatalysts for Degradation of Carboxylic Acids</p> <p align="center">Gubran Alnagar, Sanniaha Ananda*</p> <p align="center">Department of studies in chemistry, University of Mysore, Manasagangotri, Mysore- 570006 *Email- snananda@yahoo.com</p> |
| PP - 109 | <p align="center">Novel Moving Magnetic Pole System for Improving Inner Surface of Elliptical Pipe Using Magnetic Abrasive Finishing</p> <p align="center">Lida Henga, Jeong Su Kima, Sung Sik Nama, Jing Fu Houa, Myeong Han Yooa and Sang Don Mun*</p> <p>^aDivision of Mechanical Design Engineering, Jeonbuk National University, 664-14, Duckjin-gu, Jeonju 561-756, Republic of Korea [*]Division of Mechanical Design Engineering, Jeonbuk National University, 664-14, Duckjin-gu, Jeonju 561-756, Republic of Korea Email: msd@jbnu.ac.kr</p> |
| PP - 110 | <p align="center">Microwave-assisted Synthesis of Iron Oxide Nanoparticles and their Characterisation</p> <p align="center">Bindu Malini M T^{1,2}, C S Karthik³, H N Rajendra Prasad^{2,*}, P Mallu³</p> <p>¹Department of Nano-Technology, National Institution of Engineering, Mysuru, India. ²Department of Construction and Technology Management, SJCE, JSS Science and Technology University, Mysuru, India. ³Department of Chemistry, SJCE, JSS Science and Technology University, Mysuru, India. E-mail: rajendraprasad@sjce.ac.in</p> |
| PP - 111 | <p align="center">Performance Evaluation of Photo-Responsive Polymer Based Smart Composites Towards Opto-electronic and Energy Storage Applications</p> <p align="center">Manjusha Bojamma,¹ K S Nishaan Kushalappa,⁵ Sanchith M D,¹ Prekshitha B S,¹ Sachhidananda Shivanna,² Subbaiah K.M,^{1*} Siddaramaiah,² Nithin Kundachira Subramani,^{3*} Jagajeevan Raj B.M,³ Prajwal Ponnamma M A⁵</p> <p>¹Department of Industrial Production and Engineering, The National Institute of Engineering, Mysuru, India. ²Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, Mysuru, India. ³Department of Chemistry, The National Institute of Engineering, Mysuru - 570 008, India. ⁴Department of Electronics and Communication Engineering, The National Institute of Engineering, Mysuru, India. ⁵Department of Petroleum Geosciences, University of Aberdeen, Aberdeen- AB24 3FX, United Kingdom E-Mail: appanna.manjusha@gmail.com, katteranishaan@gmail.com, sanchithmd733@gmail.com, prekshithabangera7@gmail.com</p> |
| PP - 112 | <p align="center">Hydrogen Bonding between Amino Compounds with Primary Alcohol</p> <p align="center">K.S. Anjali^{1,3}, C. Ningappa^{2,3*}, M. S. Manjunatha⁴, Prasanna⁵</p> <p>¹Department of Physics, Coorg Institute of Technology, Ponnampet, Kodagu, ²Department of Physics, Vidya Vikas Institute of Engineering and Technology, Mysuru -570028 ³Visvesvaraya Technological University, Belagavi-590018 ⁴Department of Physics, Government First Grade College, Chamarajanagar ⁵Department of Physics, Malnad College of Engineering, Hassan, Karnataka, India E-mail: ningappacvvet@gmail.com</p> |
| PP - 113 | <p align="center">Preparation and Characterization of Zein Nanoparticles Incorporated Sago Starch Bionanocomposite Films</p> |

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