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|--------|------|---|---|---|---|--|
|        |      |   | <b>PF = POSTER FACULTY</b>  | <b>PS = POSTER STUDENT</b>  |   |  |
| 1.     | PF-1 | <sup>1</sup> Seema Maheshwari*,<br><sup>2</sup> Krishan Gopal Ojha                        | Synthesis and Spectroscopic Characterization of Toluene-3,4-dithiolatoarsenic(III)- <i>O,O'</i> -ditolyl/alkylene dithiophosphate Compounds: Crystal Structure of [CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> S <sub>2</sub> As{S <sub>2</sub> P(OC <sub>6</sub> H <sub>4</sub> Me- <i>m</i> ) <sub>2</sub> }] | <sup>1</sup> Department of Chemistry, Govt. Women Engg. College<br><br><sup>2</sup> Department of Chemistry, MDS University | Ajmer (Rajasthan) INDIA                                 | <a href="mailto:seemamaheshwari2008@gmail.com">seemamaheshwari2008@gmail.com</a>   |
| 2.     | PF-2 | <sup>1</sup> Divya Prakash,<br><sup>1</sup> Anjali Kumawat,<br><sup>2</sup> Satish Kumar* | Degradation of Chlorophenolics Compounds by Using Chlorine Dioxide in Bamboo Pulp Effluents   | <sup>1</sup> ASET, Amity University<br><br><sup>2</sup> DPT, IIT Roorkee  | Jaipur (Rajasthan) INDIA<br>Roorkee (Uttarakhand) INDIA | <a href="mailto:divya1sharma1@gmail.com">divya1sharma1@gmail.com</a>   |
| 3.     | PF-3 | *R.N. Yadav,<br>Upendra Singh and<br>A.K. Meena   | Powder XRD Analysis of 1:1 Composition Magnesium Oxychloride Cement (magnesia:dolomite) at 30°C   | Department of Chemistry, Govt. RR (PG) College  | Alwar 301 001 (Rajasthan) INDIA                         | <a href="mailto:yadav_rama62@yahoo.co.in">yadav_rama62@yahoo.co.in</a>   |
| 4.     | PF-4 | <u>Azhar U. Khan*</u> ,<br>Jogender Singh,<br>Radhika Rathore                             | Green Synthesis of Novel Steroidal (N, S-Phenylene 3 $\alpha$ -thio-3 $\beta$ -aminocholest-4-ene) and its Derivative   | School of Basic Science,<br>Department of Chemistry, Jaipur National University Jagatpura                                   | Jaipur 302 017<br>(Rajasthan) INDIA                     | <a href="mailto:azhar.u.kh@gmail.com">azhar.u.kh@gmail.com</a>   |
| 5.     | PF-5 | <u>Prasoon Hada*</u>  | A Study of Etiopathogenesis of Defective Renal Cellular Oxalate Transport in Calcium Oxalate Stone Formers  | P.N.K.S. Govt. P.G. College   | Dausa, Rajasthan, INDIA                                 | <a href="mailto:rathore.daksh@yahoo.com">rathore.daksh@yahoo.com</a>   |
| 6.     | PF-6 | <u>Anita Kumari</u> , R V Singh, Nighat Fahmi*  | Synthesis, Characterization, Antimicrobial and Pesticidal Studies of Organoantimony(III) Complexes with Schiff Base Derived From Fluoro Imines  | Centre of Advanced Study,<br>Department of Chemistry,<br>University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA                        | <a href="mailto:nighat.fahmi@gmail.com">nighat.fahmi@gmail.com</a> ,<br><a href="mailto:anitasigga@yahoo.in">anitasigga@yahoo.in</a> |
| 7.     | PF-7 | <u>Shalu Tyagi*</u>   | Luminescence and Structure of Pr <sup>3+</sup> , Nd <sup>3+</sup> and Sm <sup>3+</sup> Compounds  | Department of Chemistry, M. M. H. College   | Ghaziabad (UP) INDIA                                    | <a href="mailto:shalutyagi.30@gmail.com">shalutyagi.30@gmail.com</a>   |
| 8.     | PF-8 | <u>Veena Dhayal*</u> , Ajay Saini, Suraj Karan Jat, Dinesh Chandra Agrawal                | Corrosion Resistive Metal Oxide Coatings: Synthesis and Characterization  | Department of Chemistry,<br>Manipal University  | Jaipur 303 007 (Rajasthan) INDIA                        | <a href="mailto:dhayal21v@gmail.com">dhayal21v@gmail.com</a>   |
| 9.     | PF-9 | <u>Ram Babu Pareek*</u> ,   | Screening of Medicinal Plants for   | Regional Institute of Education   | Ajmer 305 004 (Rajasthan)                               | <a href="mailto:rambabupareek@y">rambabupareek@y</a>   |

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|     |       | O.P. Meena   | Secondary Metabolites   |  | INDIA                                   | <a href="mailto:ahoo.com">ahoo.com</a>   |
| 10. | PF-10 | <u>Ankit Sharma</u> , Sushil Kumar Sharma*   | Component Analysis of Cross Linking Agent of PU Matrix by HPLC and the Study of Effect on the Retention Time by Dilution of BD &TMP         | Department of Pure and Applied Chemistry, University of Kota   | Kota (Rajasthan) INDIA                  | <a href="mailto:ankit@uok.ac.in">ankit@uok.ac.in</a> ,<br><a href="mailto:sksharmauok@gmail.com">sksharmauok@gmail.com</a>                         |
| 11. | PF-11 | <u>Seema Arora</u> *   | E_Waste Hazard: The Impending Challenge   | Department of Chemistry, P. N. K. S Govt. P. G. College  | Dausa (Rajasthan) INDIA                 | <a href="mailto:arora_seema26@yahoo.com">arora_seema26@yahoo.com</a>   |
| 12. | PF-12 | <sup>1</sup> <u>Ritu Saharan</u> *, <sup>1</sup> P.S. Verma, <sup>1</sup> I.K. Sharma, <sup>2</sup> Jyoti Joshi    | Ecofriendly Synthesis and Characterization of 2-Phenyl Ethanol  | <sup>1</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><sup>2</sup> Department of Chemistry, MNIT    | <sup>1,2</sup> Jaipur (Rajasthan) INDIA | <a href="mailto:ritu.saharan84@gmail.com">ritu.saharan84@gmail.com</a>   |
| 13. | PF-13 | Ankita Puri, <u>Raakhi Gupta</u> *   | Effect of CH/P exchange on the aromaticity of the tropylium ion-A DFT investigation   | Department of Chemistry, The IIS University  | Jaipur (Rajasthan) INDIA                | <a href="mailto:febe.ankita@gmail.com">febe.ankita@gmail.com</a> ;<br><a href="mailto:raakhi.gupta@iisu.niv.ac.in">raakhi.gupta@iisu.niv.ac.in</a> |
| 14. | PF-14 | <u>Swati Jakar</u> , Ramakant Chaturvedi*  | Comparison of Efficiency of APM and MnO <sub>2</sub> by Photocatalytical Degradation of Azure-B Based on Quality Parameter Modification     | Department of Chemistry, M. S. J. College  | Bharatpur 321 001 (Rajasthan) INDIA     | <a href="mailto:swatijakar@gmail.com">swatijakar@gmail.com</a>   |
| 15. | PF-15 | <sup>1</sup> <u>Suneeta Rao</u> , <sup>1</sup> M. P. Dhobal, <sup>1</sup> M. C. Sharma, <sup>2</sup> Neeru Razdan* | Phytochemical Screening of <i>Cressa cretica</i>  | <sup>1</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><sup>2</sup> Kanodia Mahil P.G. Mahavidyalaya | Jaipur 302 004 (Rajasthan) INDIA        | <a href="mailto:suneeta.mannu@gmail.com">suneeta.mannu@gmail.com</a>   |
| 16. | PF-16 | <u>Sneh Sharma</u> *   | Ethanobotanical and Nutritive Study of Seeds of <i>Dendrocalamus strictus</i>   | Department of Chemistry, Pt N. K. S. Govt. P. G. College   | Dausa (Rajasthan) INDIA                 | <a href="mailto:sharmasneh80@gmail.com">sharmasneh80@gmail.com</a>   |
| 17. | PF-17 | <u>Surbhi Dhadha</u> , Y. Saxena*  | Toxicity of K-othrine: A Synthetic Pyrethroid Against <i>Rattus rattus</i>  | Vedic Kanya P.G. College   | Jaipur (Rajasthan) INDIA                | <a href="mailto:dr.yashoda53@gmail.com">dr.yashoda53@gmail.com</a>   |
| 18. | PF-18 | <u>Mamta Ranka</u> *   | New Approach to Synthesize Biologically Active Complexes Using Schiff Base Ligands, Characterisation and Screening Against Certain Microbes | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur (Rajasthan) INDIA                | <a href="mailto:mmt31ran@gmail.com">mmt31ran@gmail.com</a>   |
| 19. | PF-19 | <sup>1</sup> Kamlesh K Gurjar,   | Green Synthesis of Polyamide by   | <sup>1</sup> Department of Chemical  | <sup>1</sup> Chandkheda, Ahmadabad      | <a href="mailto:gurjar.kamlesh@gmail.com">gurjar.kamlesh@gmail.com</a>   |

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|     |       | <sup>2</sup> <u>Rajendra K Sharma</u> *  | Polycondensation of Phthalimide and Ethylenediamine   | Engineering, Govt Engineering College<br><sup>2</sup> DESM, Regional Institute of Education, NCERT  | (Gujarat) INDIA<br><sup>2</sup> Ajmer (Rajasthan) INDIA  | <a href="mailto:mail.com">mail.com</a> ,<br><a href="mailto:rajncert@gamil.com">rajncert@gamil.com</a>   |
| 20. | PF-20 | <u>Poonam Singh</u> *  | Gene Doping and Therapy in Sport  | The IIS University  | Jaipur (Rajasthan) INDIA   | <a href="mailto:poonamsingh974@gmail.com">poonamsingh974@gmail.com</a> ,<br><a href="mailto:poonam.singh@iisuniv.ac.in">poonam.singh@iisuniv.ac.in</a>   |
| 21. | PF-21 | <u>Easwar Srinivasan</u> *   | Design of Dipeptide based Organocatalysts for Asymmetric Transformations in Green Reaction Media  | Department of Chemistry, School of Chemical Sciences and Pharmacy, Central University of Rajasthan  | Bandar Sindri, Ajmer 305 817 (Rajasthan) INDIA   | <a href="mailto:easwar.srinivasan@curaj.ac.in">easwar.srinivasan@curaj.ac.in</a>   |
| 22. | PF-22 | <u>Shweta Vyas</u> *   | Utilization of Agro-Waste Materials for Greener Synthesis of Nanoparticles  | Department of Pure & Applied Chemistry, University of Kota  | Kota (Rajasthan) INDIA   | <a href="mailto:shwetavyas@uok.ac.in">shwetavyas@uok.ac.in</a>   |
| 23. | PF-23 | <sup>1</sup> <u>P. L. Meena</u> *, <sup>2</sup> <u>P. K. Jain</u> , <sup>2</sup> <u>K.S. Meena</u> | Assessment of Ground Water Quality for Drinking and Domestic Uses by Using WQI and Statistical Analysis in Jahzpur Tehsil, Bhilwara District (Rajasthan, INDIA) | <sup>1</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><br><sup>2</sup> Department of Chemistry, M. L. V. Govt. College | <sup>1</sup> Jaipur 302 004 (Rajasthan) INDIA<br><br><sup>2</sup> Bhilwara 311 001 (Rajasthan) INDIA | <a href="mailto:parmeshwar1978@gmail.com">parmeshwar1978@gmail.com</a>   |
| 24. | PF-24 | <u>Rajyashree Chakravorty</u> *  | Green Energy Coupled with Bioengineering- Serves a Tool for Organic Synthesis of Medicinally Important Compounds  | Sri Balaji College of Engineering and Technology  | Jaipur (Rajasthan) INDIA   | <a href="mailto:chakravortyrajyashree@gmail.com">chakravortyrajyashree@gmail.com</a>   |
| 25. | PF-25 | <u>Dinesh Kumar Jangid</u> , Anjali Guleria, D. C. Gautam*   | Antimicrobial Studies, Synthesis and Characterization of Novel 1-nitro-10H-Phenothiazines and its Derivatives   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:dinu.jangid@gmail.com">dinu.jangid@gmail.com</a> ,<br><a href="mailto:anjali.guleria86@gmail.com">anjali.guleria86@gmail.com</a> ,<br><a href="mailto:drdcgautam@yahoo.co.in">drdcgautam@yahoo.co.in</a> |
| 26. | PF-26 | <u>Meenakshi Jain</u> *, Maya Agarwal  | Novel Synthesis of Indolyl Schiff Bases   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:mini Maharani@yahoo.co.in">mini Maharani@yahoo.co.in</a> ,<br><a href="mailto:maya01.07@gmail.com">maya01.07@gmail.com</a>   |
| 27. | PF-27 | <u>A.S. Meena</u> *  | Dye Sensitised Solar Cell for Solar   | Centre of Advanced Study,   | Jaipur 302 004 (Rajasthan)   | <a href="mailto:anoopsingh10786">anoopsingh10786</a>   |

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|     |       |   | Energy Conversion and Storage  | Department of Chemistry,<br>University of Rajasthan  | INDIA   | <a href="#">@gmail.com</a>   |
| 28. | PF-28 | <u>Swati Bugalia</u> ,<br>Sangeeta Lamba,<br>Mithlesh Agrawal*                                  | Mg <sup>+2</sup> , Ca <sup>+2</sup> and Ba <sup>+2</sup> Complexes of<br>Hexadentate Macrocyclic Ligands<br>Containing Nitrogen and Oxygen as<br>Donor Atoms | Centre of Advanced Study,<br>Department of Chemistry,<br>University of Rajasthan   | Jaipur 302 004 (Rajasthan)<br>INDIA   | <a href="#">mithagr@gmail.com</a> ,<br><a href="#">Swati.bugalia@gmail.com</a> |
| 29. | PF-29 | <u>Meenu Mangal</u> *,<br>Khushal Singh Negi  | Synthesis and Biological Studies of<br>Indol-3-yl-glyoxamides  | Department of Chemistry, Poddar<br>International College   | Mansarovar, Jaipur 302 020<br>(Rajasthan) INDIA   | <a href="#">drmeenumangal@gmail.com</a>  |
| 30. | PF-30 | <u>Praveen Purohit</u> *  | <i>Aerva persica</i> – A Promising Plant From<br>Arid and Semi Arid Areas:<br>Phytochemistry and Antimicrobial<br>Screening                                  | Department of Chemistry, Govt<br>Engg College Bikaner  | Bikaner (Rajasthan) INDIA   | <a href="#">rajpurohitpraveen@yahoo.com</a>                                    |
| 31. | PF-31 | <sup>1</sup> <u>Aarti Sharma</u> ,<br><sup>2</sup> Suresh Chand Joshi*                          | Fluoride Toxicology in Ajmer District:<br>An Environmental Issue and Challenge   | <sup>1</sup> Department of Zoology, RIE<br><sup>2</sup> Department of Zoology,<br>University of Rajasthan  | <sup>1</sup> Ajmer (Rajasthan) INDIA<br><sup>2</sup> Jaipur 302 004 (Rajasthan)<br>INDIA                            | <a href="#">aartesharma@yahoo.com</a>  |
| 32. | PF-32 | <sup>1</sup> <u>Shikha Agarwal</u> ,<br><sup>2</sup> Dinesh K. Agarwal*                         | Solvent Free Efficient Synthesis of<br>Pyrimido [2,1-B] Benzothiazole<br>Derivatives and Their Biological Studies  | <sup>1</sup> Synthetic Organic Chemistry<br>Laboratory, Department of<br>Chemistry, Mohan Lal Sukhadia<br>University<br><sup>2</sup> Department of Pharmacology,<br>PAHER University   | Udaipur 313 001(Rajasthan)<br>INDIA   | <a href="#">shikha_urj@yahoo.com</a>   |
| 33. | PF-33 | <u>Arti Mishra</u> *, Sunita<br>Rao   | Phytochemical Investigation of Seeds of<br><i>Ipomoea hederacea</i>  | Department of Chemistry,<br>Kanoria P. G. Mahila<br>Mahavidyalaya  | Jaipur (Rajasthan) INDIA  | <a href="#">artimishrachemistry@gmail.com</a>                                  |
| 34. | PF-34 | <sup>1</sup> <u>Shashi Verma</u> ,<br><sup>2</sup> Arvind Kumawat,<br><sup>3</sup> B.L. Kumawat | Quality Appraisal of Ground Water in<br>Different Tehsils of Sikar District in<br>Rajasthan  | <sup>1</sup> Amity School of Applied<br>Sciences, Amity University<br>Rajasthan<br><sup>2</sup> Corporate Resource Centre,<br>Amity University Rajasthan<br><sup>3</sup> AICRP on Management of Salt<br>Affected Soils and Use of Saline<br>Water in Agriculture, Agriculture<br>Research Station, Swami<br>Keshwanand Rajasthan<br>Agriculture University | <sup>1,2</sup> Kant Kalwar NH-11C, Jaipur<br>(Rajasthan) INDIA<br><sup>3</sup> Bikaner 334 006 (Rajasthan)<br>INDIA | <a href="#">blkskn54@gmail.com</a>   |

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| 35. | PF-35 | <u>Poonam Dwivedi*</u>   | Corrosion Inhibition by Twigs Extract of Crepe Jasmine for Mild Steel in Acidic Medium  | Department of Chemistry, School of Basic Sciences, Jaipur National University  | Jaipur (Rajasthan) INDIA   | <a href="mailto:poonamd23@gmail.com">poonamd23@gmail.com</a>   |
| 36. | PF-36 | <sup>1</sup> Ammilal Rao,<br><sup>2</sup> Umashankar Soni,<br><sup>2</sup> Usha Songara,<br><sup>2</sup> Pradeep K Sharma* | Correlation Analysis of Reactivity in the Oxidation of Substituted Benzaldehydes by Bis [dipyridinesilver(I)] Dichromate  | <sup>1</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><sup>2</sup> Department of Chemistry, J. N. V. University   | <sup>1</sup> Jaipur 302 004 (Rajasthan) INDIA<br><sup>2</sup> Jodhpur (Rajasthan) INDIA                                  | <a href="mailto:ammilalrao@gmail.com">ammilalrao@gmail.com</a>   |
| 37. | PF-37 | <u>Bhanupriya Mordhiya*</u>  | Application of <i>Azadirachta indica</i> (Neem) Leaves in Removal of Methylene Blue from Aqueous Solution   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:bmordhiya@gmail.com">bmordhiya@gmail.com</a>   |
| 38. | PF-38 | <sup>1</sup> Babita Malik,<br><sup>2</sup> Prabhat Ranjan,<br><sup>1</sup> Tanmoy Chakraborty*                             | Computational Study of Gold-Silver Nanoalloy Clusters: A DFT Approach   | <sup>1</sup> Department of Chemistry and<br><sup>2</sup> Department of Mechatronics Engineering, Manipal University, Manipal University  | Dehmi Kalan, Jaipur 303 007 (Rajasthan) INDIA  | <a href="mailto:tanmoy.chakraborty@jaipur.manipal.edu">tanmoy.chakraborty@jaipur.manipal.edu</a> ;<br><a href="mailto:tanmoychem@mail.com">tanmoychem@mail.com</a> |
| 39. | PF-39 | <sup>1</sup> Raghu Chitta*,<br><sup>1</sup> Disha Soni, <sup>2</sup> Naresh Duvva, <sup>2</sup> Lingamallu Giribabu        | Boron Dipyromethene-Phenothiazine based Fluorescent Chemosensor for Sensitive, Selective, and Reversible Detection of Hypochlorite                                    | <sup>1</sup> Department of Chemistry, School of Chemical Sciences & Pharmacy, Central University of Rajasthan,<br><sup>2</sup> Inorganic & Physical Chemistry Division, CSIR-Indian Institute of Chemical technology | <sup>1</sup> Bandar Sindri, Ajmer 305 817 (Rajasthan) INDIA<br><sup>2</sup> Tarnaka, Hyderabad 500 007 (Telangana) INDIA | <a href="mailto:raghuchitta@curaj.ac.in">raghuchitta@curaj.ac.in</a>   |
| 40. | PF-40 | <u>Neeru Razdan*</u>   | Kinetics and Mechanism of Electron Transfer Reactions in Aqueous Acid Perchlorate Medium Ruthenium (III) Chloride Catalyzed Oxidation of Lactic Acid by Thallium(III) | Department of Chemistry Kanoria PG Mahila Mahavidyalaya  | JLN Marg, Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:razdan.neeru@gmail.com">razdan.neeru@gmail.com</a>   |
| 41. | PF-41 | <u>Anuj Kumar Sharma*</u>  | Smart Metal Chelating Agents for Neurodegenerative disease  | Department of Chemistry, Central University of Rajasthan   | Bandar Sindri, Kishangarh, Ajmer, 305 817 (Rajasthan) INDIA  | <a href="mailto:aks.iitk@gmail.com">aks.iitk@gmail.com</a> ;<br><a href="mailto:anuj.sharma@cura">anuj.sharma@cura</a>   |

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| 42. | PF-42 | <u>Sama Jain*</u>   | Material Science and Nanotechnology: Significance in Engineering for Future Smart Cities  | Poornima Institute of Engineering and Technology,  | ISI-6, RIICO Institutional Area, Jaipur (Rajasthan) INDIA                                | <a href="mailto:sama.jain@poornima.org">sama.jain@poornima.org</a>   |
| 43. | PF-43 | <u>Ramhari Meena</u> , R. V. Singh, Nighat Fahmi*   | Synthesis, Spectroscopic, Antioxidant and DNA Cleavage Studies on VO(V) and Cr(III) Complexes with 5-Chloroisatin-3-thiosemicarbazone                   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:ramharichem@gmail.com">ramharichem@gmail.com</a> ;<br><a href="mailto:nighat.fahmi@gmail.com">nighat.fahmi@gmail.com</a> |
| 44. | PF-44 | <sup>1</sup> Ginni Kumawat, <sup>1</sup> Nidhi Gaur, <sup>2</sup> Dinesh C. Sharma, <sup>2</sup> Romila Karnawat*                       | Efficacy of Aqueous and Organic Extracts of Some Medicinal Plants for their Antimicrobial Activity  | <sup>1</sup> Department of Chemistry, Vedic Kanya P.G. Mahavidhyalaya<br><sup>2</sup> Department of Chemistry, SCRS Govt. College  | <sup>1</sup> Jaipur (Rajasthan) INDIA<br><sup>2</sup> Sawai Madhopur (Rajasthan) INDIA   | <a href="mailto:ginnikumawat.17@gmail.com">ginnikumawat.17@gmail.com</a>   |
| 45. | PF-45 | <sup>1</sup> Nidhi Gaur, <sup>1</sup> Ginni Kumawat, <sup>2</sup> Romila Karnawat*, <sup>3</sup> I. K. Sharma, <sup>3</sup> P. S. Verma | Exploring the Potential of Bio-Chelators and Physicochemical Studies of their Heavy Metal Complexes   | <sup>1</sup> Department of Chemistry, Vedic Kanya P.G. Mahavidhyalaya<br><sup>2</sup> Department of Chemistry, Govt. P.G. College<br><sup>3</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan | <sup>1,3</sup> Jaipur (Rajasthan) INDIA<br><sup>2</sup> Sawai Madhopur (Rajasthan) INDIA | <a href="mailto:gaurnidhi1985@gmail.com">gaurnidhi1985@gmail.com</a>   |
| 46. | PF-46 | <u>Manisha Patni*</u> , Anurika Saxena  | Application of Hammett Equation to Saponification of Esters: A DFT Investigation  | Department of Chemistry, The IIS University  | Mansarovar, Jaipur (Rajasthan) INDIA   | <a href="mailto:manisha.patni@iisuniv.ac.in">manisha.patni@iisuniv.ac.in</a>   |
| 47. | PF-47 | <u>Pratibha Mittal*</u>   | Kinetic study of formation of N-Anisaldine Spectrophotomerically  | Department of Chemistry, The IIS University  | Mansarovar, Jaipur (Rajasthan) INDIA   | <a href="mailto:pratibha.mittal@iisuniv.ac.in">pratibha.mittal@iisuniv.ac.in</a>   |
| 48. | PF-48 | <u>Trapti Gupta*</u>  | Composition and Stability of Mixed ligand Complexes of Pb (II) with Para-Amino Hippuric Acid and Some Bicarboxylic Acids: A Polarographic Investigation | Department of Chemistry, The IIS University  | Mansarovar, Jaipur (Rajasthan) INDIA   | <a href="mailto:trapti.gupta@iisuniv.ac.in">trapti.gupta@iisuniv.ac.in</a>   |
| 49. | PF-49 | <u>Neha Jain</u> , Mithlesh Agrawal*  | Synthesis of Some New Mixed Ligand Complexes of Fe (III) with 2-Hydroxybenzophenone   | Centre of Advanced Study, Department of chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:mithagr@gmail.com">mithagr@gmail.com</a>   |
| 50. | PF-50 | <u>Ruchi Singh*</u>   | A New Triterpene from <i>Diospyros</i>  | Department of Chemistry, The   | Mansarovar, Jaipur, Rajasthan,   | <a href="mailto:ruchi.singh@iisuniv.ac.in">ruchi.singh@iisuniv.ac.in</a>   |

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|     |       |   | <i>melanoxydon</i>  | IIS University   | INDIA                                | <a href="http://iv.ac.in">iv.ac.in</a>   |
| 51. | PF-51 | <u>Anjali Guleria</u> , D.C. Gautam*  | Synthesis of 10 <i>H</i> -Phenothiazines as Promising Antitubercular Agents                           | Centre of Advanced Study, Department of chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA     | <a href="mailto:anjali.guleria86@gmail.com">anjali.guleria86@gmail.com</a>         |
| 52. | PF-52 | <u>Deepika</u> , V Khatri*  | On Water: Metal Free Tandem Synthesis of 1,2-Dihydroisoquinolines <i>via</i> Three-Component Reaction | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA     | <a href="mailto:deepika028@gmail.com">deepika028@gmail.com</a>                     |
| 53. | PF-53 | <u>Neetu Khandelwal</u> , M.C. Sharma*  | Reactions of $\beta$ -Lapachone in the Presence of Various Surfactants                                | Department of Chemistry, The IIS University  | Mansarovar, Jaipur (Rajasthan) INDIA | <a href="mailto:neetu.khandelwal@iisuniv.ac.in">neetu.khandelwal@iisuniv.ac.in</a> |
| 54. | PF-54 | <u>Reena Sangwan</u> *  | Removal of Dyes from Wastewater using Adsorption Process - A Review                                   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA     | <a href="mailto:sangwanreena.sangwan@gmail.com">sangwanreena.sangwan@gmail.com</a> |
| 55. | PF-55 | Savita, <u>Swati</u> *  | Study on Degradation of Waste Industrial Dye in Presence of Solar Radiations                          | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA     | <a href="mailto:swati.bardawat@gmail.com">swati.bardawat@gmail.com</a>             |
| 56. | PF-56 | <u>Ankur</u> *  | A Review on Adsorption for Phenol Removal   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA     | <a href="mailto:ankur.sheoran@gmail.com">ankur.sheoran@gmail.com</a>               |
| 57. | PF-57 | <sup>1</sup> <u>Asha Gurjar</u> , <sup>2</sup> Pragya Sinha, <sup>2</sup> R. K. Bansal* | <i>N</i> -Phenyl maleimide: A New Michael Donor   | <sup>1</sup> Centre of Advanced Study, University of Rajasthan<br><sup>2</sup> Department of Chemistry, The IIS University | Jaipur (Rajasthan) INDIA             | <a href="mailto:ashagurjar85@gmail.com">ashagurjar85@gmail.com</a>                 |
| 58. | PF-58 | <u>Namita Soni</u> *, P. Pardha-Saradhi   | Future Applications of Green Silver Nanoparticles   | Department of Environmental Sciences, University of Delhi  | Delhi 110 007 INDIA                  | <a href="mailto:namitasoni7@gmail.com">namitasoni7@gmail.com</a>                   |
| 59. | PF-59 | <u>Seema Sharma</u> *, Krishna Kumar Sharma   | Solar Power as a Promising Non-Conventional Energy Resource   | Department of Chemistry, Govt. Engineering College   | Bharatpur (Rajasthan) INDIA          | <a href="mailto:seema0581@gmail.com">seema0581@gmail.com</a>                       |
| 60. | PF-60 | <u>Naveen Gautam</u> *  | An Efficient Synthesis of Substituted 4 <i>H</i> -1,4-  | Department of Chemistry, L.B.S. Govt.  | Kotputli 303 108 Jaipur (Rajasthan)  | <a href="mailto:ngautam70@yahoo.co">ngautam70@yahoo.co</a>                         |

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|     |       |  | Benzothiazines  | P.G. College   | INDIA  | <a href="#">.in</a>  |
| 61. | PF-61 | <u>Chanchal Kacchhawa*</u>   | Seasonal Variation in Physico chemical Parameters of a Fresh Water "Gajener lake" of Bikaner district                     | Govt. Engineering College  | Govt. Engineering College, Bikaner (Rajasthan) INDIA   | <a href="mailto:chanchalkacchhawa@gmail.com">chanchalkacchhawa@gmail.com</a>   |
| 62. | PF-62 | <u>Devendra Kumar Mahawar*</u>   | Theoretical Study of Structure and Electronic Properties of Water Molecule  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:devendramahawar@gmail.com">devendramahawar@gmail.com</a>   |
| 63. | PF-63 | <sup>1</sup> <u>K.S. Meena*</u> , <sup>2</sup> Kanta Meena   | Decolorization and Biodegradability of Dyeing Wastewater Treated by A TiO <sub>2</sub> -Sensitized Photooxidation Process | <sup>1</sup> Department of Chemistry and <sup>2</sup> Department of Botany, M.L.V. Govt. College   | Bhilwara 311 001 (Rajasthan) INDIA   | <a href="mailto:kamodsinghleetch@gmail.com">kamodsinghleetch@gmail.com</a>   |
| 64. | PF-64 | <sup>1</sup> <u>Kumud Tanwar*</u> , <sup>2</sup> Jaya Mathur   | Waste Water Treatment and its Reuse   | <sup>1</sup> Department of Chemistry, JNIT, Sitapura<br><sup>2</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | <sup>1</sup> Jaipur 302 022 (Rajasthan) INDIA<br><sup>2</sup> University of Rajasthan, Jaipur 302 004 (Rajasthan) INDIA                            | <a href="mailto:tanwar_kumud@yahoo.co.in">tanwar_kumud@yahoo.co.in</a> ;<br><a href="mailto:jayamathur2907@yahoo.co.in">jayamathur2907@yahoo.co.in</a> |
| 65. | PF-65 | <sup>1</sup> <u>Nitin Kumar</u> ,<br><sup>2</sup> Parmeshwar L. Meena, <sup>2</sup> Anoop S. Meena, <sup>3</sup> Kamod S. Meena,<br><sup>3</sup> R.K.Khandelwal* | Polymer Characterization: A Typical SSBR Base Formulation use in Side Wall Application                                    | <sup>1</sup> Department of Chemistry, M. L. S. University<br><sup>2</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><sup>3</sup> Department of Chemistry, M. L. V. Govt. College | <sup>1</sup> Udaipur 313 001 (Rajasthan) INDIA<br><sup>2</sup> Jaipur 302 004 (Rajasthan) INDIA<br><sup>3</sup> Bhilwara 311 001 (Rajasthan) INDIA | <a href="mailto:nitinkumariitkgp@gmail.com">nitinkumariitkgp@gmail.com</a>   |
| 66. | PF-66 | <u>Suchitra*</u>   | Inorganic Nitrogen Pollution in Aquatic Ecosystem   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:suchitra.budania@gmail.com">suchitra.budania@gmail.com</a>   |
| 67. | PF-67 | <sup>1</sup> <u>Asha Verma</u> ,<br><sup>2</sup> Dinesh Kumar Arya*  | Synthesis and Spectral Studies of some novel bioactive Phenothiazine  | <sup>1</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><sup>2</sup> Department of Chemistry, Acharya Narendra Dev College, University of Delhi                                   | <sup>1</sup> Jaipur 302 004 (Rajasthan) INDIA<br><sup>2</sup> Govindpuri, Kalkaji, New Delhi, INDIA  | <a href="mailto:ashaarya82@gmail.com">ashaarya82@gmail.com</a> ;<br><a href="mailto:dinesharya@andc.du.ac.in">dinesharya@andc.du.ac.in</a>             |
| 68. | PF-68 | <u>Sangeeta Gautam*</u>  | Organic Reactions in Water: Eco-friendly Domino Synthesis of Biologically Important Scaffolds by                          | Jaipur Institute of Engineering and Management   | Jaipur (Rajasthan) INDIA   | <a href="mailto:sangman22@yahoo.co.in">sangman22@yahoo.co.in</a>   |



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|     |       |   | Non-conventional Methods  |  |   |  |
| 69. | PF-69 | <u>Durga K. Mewara*</u>   | A New Ferulic Ester and Related Compounds from <i>Bombax malabaricum</i>  | Department of Chemistry, Shri Pragya P.G. College  | Bijainagar 305 624 (Rajasthan) INDIA  |  |
| 70. | PF-70 | <u>Ruchi Jain*</u>  | E-Waste – A Hazard to Environment and Human Health  | Department of Chemistry, S.S. Jain Subodh Girls College  | Sanganer, Jaipur (Rajasthan) INDIA  | <a href="mailto:ruchiashok@yahoo.co.in">ruchiashok@yahoo.co.in</a>   |
| 71. | PF-71 | <sup>1</sup> <u>Deepika Bansal</u> , <sup>2</sup> R. K. Mittal, <sup>2</sup> C. P. Chandel* | Treatment of Polluted Water Containing Heavy Metal Ions in Basic Medium   | <sup>1</sup> L.B.S. PG College, Tilak Nagar, Jaipur 302 004 (Rajasthan) INDIA<br><sup>2</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan | <sup>1</sup> Tilak Nagar, Jaipur 302 004 (Rajasthan) INDIA<br><sup>2</sup> Jaipur-302 004 (Rajasthan) INDIA | <a href="mailto:bansal.deepika2212@gmail.com">bansal.deepika2212@gmail.com</a>   |
| 72. | PF-72 | <u>Sonika Saxena*</u>   | Effect of Zinc Sulphaate on Regeneration in Tadpoles of Toad <i>Bufo fergusonii</i>   | Dr. B. Lal Institute of Biotechnology  | 6-E, Malviya Industrial Area, Malviya Nagar, Jaipur 302017 (Rajasthan) INDIA                                | <a href="mailto:sonika77jai@gmail.com">sonika77jai@gmail.com</a>   |
| 73. | PS-1  | <u>Hemlata Rana</u> , A. K. Gupta, Vinod Kumar*   | Indicator Displacement Assay for Chemical Warfare Agent: A Selective Turn on Fluorescent Detection of Sulfur Mustard  | Process Technology Development Division, Defence R&D Establishment   | Jhansi Road, Gwalior 474 002 (MP) INDIA   | <a href="mailto:vkpal77@yahoo.co.in">vkpal77@yahoo.co.in</a>   |
| 74. | PS-2  | <u>Rajalakshmi Chockalingam</u> , Upendra Natarajan*  | Atomistic Molecular Dynamics Simulations of Structure and Thermodynamic Properties of Asymmetric Polyelectrolyte Block Copolymer Micelle in Salt-Free Aqueous Solution        | Macromolecular Modeling and Simulation Lab, Department of Chemical Engineering, Indian Institute of Technology Madras  | Chennai 600 036 (TN) INDIA  | <a href="mailto:rajic.lingam@gmail.com">rajic.lingam@gmail.com</a> ,<br><a href="mailto:unatarajan@iitm.ac.in">unatarajan@iitm.ac.in</a> . |
| 75. | PS-3  | <u>Swapnil A. Padvi</u> , Dipak S. Dalal*   | Choline Chloride Based Deep Eutectic Solvent (DES): As Green and Bio-Renewable Reaction Media for the Synthesis of 5-Substituted 1H-Tetrazoles                                | School of Chemical Sciences, North Maharashtra University  | Jalgaon 425 001 (MS) INDIA  | <a href="mailto:dsdalal2007@gmail.com">dsdalal2007@gmail.com</a>   |
| 76. | PS-4  | <u>Yogesh B. Wagh</u> , Dipak S. Dalal*   | An efficient, Catalyst-Free Regioselective Synthesis of Functionalized 2-imino-4 oxothiazolidin-5-ylidene Acetate Derivatives and Anti-Diabetic Activity by Molecular Docking | School of Chemical Sciences, North Maharashtra University  | Jalgaon 425 001 (MS) INDIA  | <a href="mailto:yogeshwagh2@gmail.com">yogeshwagh2@gmail.com</a> ,<br><a href="mailto:dsdalal2007@gmail.com">dsdalal2007@gmail.com</a>     |
| 77. | PS-5  | <u>Lakshmi Kumar</u> ,  | Structure and Dynamics of Aqueous   | HSB-152, Macromolecular  | Chennai 600 036 (TN) INDIA  | <a href="mailto:lakshmikumarkun">lakshmikumarkun</a>   |

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|     |       | Upendra Natarajan*   | Solutions Containing Poly-(acrylic acid) and Non-ionic Surfactant Pentaethylene Glycol n-octyl ether (C <sub>8</sub> E <sub>5</sub> )   | Modeling and Simulation Laboratory, Department of Chemical Engineering, Indian Institute of Technology Madras   |                                     | <a href="mailto:che@gmail.com">che@gmail.com</a> ,<br><a href="mailto:unatarajan@iitm.ac.in">unatarajan@iitm.ac.in</a>                         |
| 78. | PS-6  | KM Abida, Amjad Ali*   | Esterification of Glycerol Using Sulphated Ce-Zr/TiO <sub>2</sub> as Heterogeneous Catalyst   | School of Chemistry and Biochemistry, Thapar University   | Patiala 147 004 (Punjab) INDIA      | <a href="mailto:amjadali@thapar.edu">amjadali@thapar.edu</a>   |
| 79. | PS-7  | <sup>1</sup> Nunticha Limchoowong,<br><sup>1</sup> Phitchan Sricharoen,<br><sup>2</sup> Suchila Techawongstien,<br><sup>1</sup> Saksit Chanthai* | An Iodine Supplementation of Tomato Fruits Coated With an Edible Film of The Iodide-Doped Chitosan  | <sup>1</sup> Materials Chemistry Research Unit, Department of Chemistry and Centre of Excellence for Innovation in Chemistry, Faculty of Science, Khon Kaen University<br><sup>2</sup> Department of Plant Science and Agricultural Resources, Faculty of Agriculture, Khon Kaen University | Khon Kaen 40002 THAILAND            | <a href="mailto:sakcha2@kku.ac.th">sakcha2@kku.ac.th</a>   |
| 80. | PS-8  | <sup>1</sup> Phitchan Sricharoen,<br><sup>1</sup> Nunticha Limchoowong,<br><sup>2</sup> Suchila Techawongstien,<br><sup>1</sup> Saksit Chanthai* | A Novel Extraction Method for B-Carotene and other Carotenoids in Fruit Juices Using Air-Assisted, Low-Density Solvent-Based Liquid-Liquid Microextraction and Solidified Floating Organic Droplets | <sup>a</sup> Materials Chemistry Research Unit, Department of Chemistry and Centre of Excellence for Innovation in Chemistry, Faculty of Science, Khon Kaen University<br><sup>b</sup> Department of Plant Science and Agricultural Resources, Faculty of Agriculture, Khon Kaen University | Khon Kaen 40002 THAILAND            | <a href="mailto:sakcha2@kku.ac.th">sakcha2@kku.ac.th</a>   |
| 81. | PS-9  | Ekta Rawat, Anshul Singh, Ashu Chaudhary*  | A Noble Protocol for One Pot Green Chemistry of macrocyclic Complexes of Bivalent Tin: Synthesis, Characterization and Biological Evaluation  | Department of Chemistry, Kurukshetra University   | Kurukshetra 136 119 (Haryana) INDIA | <a href="mailto:ashuchaudhary21@gmail.com">ashuchaudhary21@gmail.com</a> ,<br><a href="mailto:rawatekta24@gmail.com">rawatekta24@gmail.com</a> |
| 82. | PS-10 | Nisha Kumari, Naresh Vyas, A. K. Gupta*  | Rapid, Efficient and Facile Solvent Free Surface-Mediated Method for Synthesis of Phosphorohydrazides at Room Temperature by using Calcium Oxide as   | Defence Research and Development Establishment, DRDO Complex  | Civil Lines, Nagpur (MS) INDIA      | <a href="mailto:arvindkumargupta2@rediffmail.com">arvindkumargupta2@rediffmail.com</a>   |

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|     |       |   | a Solid Support  |   |   |  |
| 83. | PS-11 | <u>Naresh Vyas</u> , Nisha Kumari, A.K.Gupta*   | Development of Rapid and Efficient One-pot Method for the Synthesis of Bis(2-methoxyethyl) <i>N, N</i> -dialkyl phosphoramidates               | Defence Research and Development Establishment, DRDO Complex  | Civil Lines, Nagpur (MS) INDIA  | <a href="mailto:arvindkumargupta2@rediffmail.com">arvindkumargupta2@rediffmail.com</a> |
| 84. | PS-12 | <u>Amit Sharma</u> , Vijay Parewa, Anshu Dandia*  | Facile Synthesis of Ag NPs/rGO Composite and its Catalytic Application for the Construction of Acridine Derivatives                            | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>               |
| 85. | PS-13 | <u>Himmat Singh</u> , Navjot Kaur, KM Abida, Amjad Ali*   | Na/ZrO <sub>2</sub> as Heterogeneous Catalyst for the Transesterification of Waste Cotton Seed Oil   | School of Chemistry & Biochemistry, Thapar University   | Patiala (Punjab) INDIA  | <a href="mailto:amjadali@thapar.edu">amjadali@thapar.edu</a>                           |
| 86. | PS-14 | <u>Begraj Kumawat</u> , Vijay Parewa, Shahnawaz Khan, Anshu Dandia*   | CuO NPs catalyzed Groebke-Blackburn-Bienayme reaction for the synthesis of imidazo-fused polyheterocycles <i>via</i> microwave irradiation     | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur-302 004 (Rajasthan) INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>               |
| 87. | PS-15 | <sup>1</sup> Vaman J. Garole, <sup>1</sup> Sandesh R. Tetgure, <sup>1</sup> Bharat C. Choudhary, <sup>1,2</sup> Dipak J. Garole, <sup>1</sup> Amulrao U. Borse* | Bio-Synthesis of Silver Nanoparticles using <i>Ficus racemosa</i> Plant Extract and its Antimicrobial Activity                                 | <sup>1</sup> School of Chemical Sciences, North Maharashtra University<br><sup>2</sup> Directorate of Geology and Mining, Government of Maharashtra | <sup>1</sup> Jalgaon 425 001 (MS) INDIA<br><sup>2</sup> Nagpur 440 010 (MS) INDIA | <a href="mailto:amulborse@gmail.com">amulborse@gmail.com</a>                           |
| 88. | PS-16 | <u>Dinesh K. Mahawar</u> , Vijay Parewa, Anshu Dandia*  | Polycarbonate (PC)-Zno Nanocomposites as Reusable Catalyst for the Synthesis of $\alpha,\beta$ -Unsaturated Compounds and Aldimine Derivatives | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur-302 004 (Rajasthan) INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>               |
| 89. | PS-17 | <u>Sidharth Sharma</u> , Mandeep Kaur, Amjad Ali*   | Transesterification of Waste Cooking Oil using a Nano-magnetic Na/CaO-Fe <sub>3</sub> O <sub>4</sub> Catalyst                                  | School of Chemistry and Biochemistry, Thapar University   | Patiala (Punjab) INDIA  | <a href="mailto:amjadali@thapar.edu">amjadali@thapar.edu</a>                           |
| 90. | PS-18 | <u>Pragya Soni</u> , Anshu Dandia*  | A TFE Mediated Green Protocol for the Regio- and Stereoselective Synthesis of Novel Dispiropyrrrolidine/thiapyrrrolizidineheterocyclic Hybrid  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur-302 004 (Rajasthan) INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>               |

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| 91. | PS-19 | <u>Avneet Kau, Amjad Ali*</u>   | Glycerol Carbonate Production <i>via</i> Li/ZrO <sub>2</sub> Assisted Transesterification of Glycerol with Dimethyl carbonate                         | School of Chemistry and Biochemistry, Thapar University  | Patiala 147 004 (Punjab) INDIA  | <a href="mailto:amjadali@thapar.edu">amjadali@thapar.edu</a>   |
| 92. | PS-20 | <u>Aayushi Indora, Vijay Parewa and Anshu Dandia*</u>   | Ultrasound promoted Fe <sub>3</sub> O <sub>4</sub> nanoparticles catalyzed facile synthesis of pyrazolone derivatives                                 | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>   |
| 93. | PS-21 | <sup>1</sup> <u>Sandesh R. Tetgure, Amulrao U. Borse*, Bharat C. Choudhary, <sup>1,2</sup>Dipak J. Garole</u>   | Recovery and Determination of Zirconium from Different Environmental Samples by Extractant Impregnated Resin  | <sup>1</sup> School of Chemical Sciences, North Maharashtra University<br><sup>2</sup> Directorate of Geology and Mining, Government of Maharashtra                | <sup>1</sup> Jalgaon 425 001 (MS) INDIA<br><sup>2</sup> Nagpur 440 010 (MS) INDIA   | <a href="mailto:amulborse@gmail.com">amulborse@gmail.com</a> ,<br><a href="mailto:drdipakgarole@gmail.com">drdipakgarole@gmail.com</a> |
| 94. | PS-22 | <u>Devendra S. Raghuvanshi, Pramod P. Mahulikar, Jyotsna S. Meshram*</u>  | Synthesis of Polyazomethine Gel and its Composites: Their Rally Round Aspects   | School of Chemical Sciences, North Maharashtra University  | Jalgaon 425 001 (MS) INDIA  | <a href="mailto:drjsmeshram@rediffmail.com">drjsmeshram@rediffmail.com</a>   |
| 95. | PS-23 | <u>Roop Chand Prajapat, Satnam Singh, Bonamali Pal*</u>   | Highly Efficient Rutile-TiO <sub>2</sub> Nanorods for Higher Photoreduction of Nitroaromatics   | School of Chemistry and Biochemistry, Thapar University  | Patiala 147 004 (Punjab) INDIA  | <a href="mailto:rcprajapat6@gmail.com">rcprajapat6@gmail.com</a>   |
| 96. | PS-24 | <u>Asha D. Jangale, Dipak S. Dalal*</u>   | Lipase Catalysed Green Solar Thermochemical Synthesis of Highly Substituted Pyrazoles   | School of Chemical Sciences, North Maharashtra University  | Jalgaon - 425 001(MS) INDIA   | <a href="mailto:dsdalal2007@gmail.com">dsdalal2007@gmail.com</a>   |
| 97. | PS-25 | <u>Samriti Thakur, Satnam Singh, Bonamali Pal*</u>  | Bare and Ag-deposited TiO <sub>2</sub> for Optical Isomerization Change of Different Carbohydrates and Their Complete Mineralization from Waste Water | School of Chemistry and Biochemistry, Thapar University  | Patiala 147 001 (Punjab) INDIA  | <a href="mailto:bpal@thapar.edu">bpal@thapar.edu</a>   |
| 98. | PS-26 | <sup>1</sup> <u>Mahendra Singh Yadav, <sup>2</sup>A. K. Sinha, <sup>2</sup>M. N. Singh, <sup>2</sup>Anuj Upadhyay, <sup>3</sup>B.N. Rajasekar, <sup>2</sup>T. K. Sharma, <sup>2</sup>V. K. Dixit, <sup>1</sup>Sanju Tanwar*</u> | Temperature Based Synthesis and Characterization of Cadmium Sulphide (CdS) Nanoparticles  | <sup>1</sup> Centre of Nanotechnology, RTU<br><sup>2</sup> Raja Ramanna Centre for Advanced Technology<br><sup>3</sup> Atomic and Molecular Physics Division, BARC | <sup>1</sup> Kota 324 010 (Rajasthan) INDIA<br><sup>2</sup> Indore 452 013 (MP) INDIA<br><sup>3</sup> Mumbai 400 085 (MS) INDIA | <a href="mailto:stanwar@rtu.ac.in">stanwar@rtu.ac.in</a>   |
| 99. | PS-27 | <u>Ruchi Sharma, Vijay Parewa,</u>  | NaCl Induced Isocyanide-based Four-Component Synthesis of   | Centre of Advanced Study, Department of Chemistry,   | Jaipur 302 004 (Rajasthan) INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>   |

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|      |       | Anshu Dandia*  | Ferrocenyl<br>1,5-disubstituted Tetrazoles in<br>Aqueous Medium  | University of Rajasthan  |  |  |
| 100. | PS-28 | <u>Manisha Kumari Agarwal</u> , Harshita Sachdeva*   | Green Synthesis of Indole Derivatives under Grindstone Chemistry Technique   | Department of Chemistry,<br>College of Arts, Science and<br>Humanities<br>Mody University of Science and<br>Technology   | Laxmangarh 332 311 Sikar<br>(Rajasthan) INDIA  | <a href="mailto:drhmsachdevaster@gmail.com">drhmsachdevaster@gmail.com</a> ,<br><a href="mailto:hsachdeva.fasc@modyuniversity.ac.in">hsachdeva.fasc@modyuniversity.ac.in</a> |
| 101. | PS-29 | <u>Sonam Parihar</u> ,<br>Vijay Parewa,<br>Anshu Dandia*   | Green Chemistry: Novel scientific approaches towards the development of sustainable chemical protocols   | Centre of Advanced Study,<br>Department of Chemistry,<br>University of Rajasthan   | Jaipur 302 004 (Rajasthan)<br>INDIA  | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>   |
| 102. | PS-30 | <u>Manisha</u> , S.<br>Khaturia*   | Lewis Acid Catalyzed Green Chemical Synthesis of Dihydro Pyrimidinones under Solvent Free Conditions   | Department of Chemistry,<br>College of Arts, Science and<br>Humanities<br>Mody University of Science and<br>Technology   | Laxmangarh 332 311 Sikar<br>(Rajasthan) INDIA  | <a href="mailto:saritakhaturia.fasc@modyuniversity.ac.in">saritakhaturia.fasc@modyuniversity.ac.in</a>   |
| 103. | PS-31 | <u>Manpreet Kaur Aulakh</u> , Bonamali Pal*  | Preparation of Different Morphological Nanostructures of TiO <sub>2</sub> and to Study Their Photocatalytic Applications   | School of Chemistry and<br>Biochemistry, Thapar University   | Patiala 147 004 (Punjab)<br>INDIA  | <a href="mailto:bpal@thapar.edu">bpal@thapar.edu</a>   |
| 104. | PS-32 | <u>Vinod Kumar</u> *   | Green Chemistry  | Govt. Lohia P.G. College   | Churu (Rajasthan) INDIA  | <a href="mailto:vinod.chem04@gmail.com">vinod.chem04@gmail.com</a>   |
| 105. | PS-33 | <sup>1</sup> Prawit Nuengmatcha, <sup>2</sup> Won-Chun Oh, <sup>1</sup> Ratana Mahachai, <sup>1</sup> Saksit Chanthai* | Sonocatalytic Degradation of Organic Dye Pollutants by Zinc oxide/Graphene/Titanium dioxide Nanocomposite under Ultrasonic Irradiation   | <sup>1</sup> Materials Chemistry Research Center, Department of Chemistry and Center of Excellence for Innovation in Chemistry, Faculty of Science, Khon Kaen University<br><sup>2</sup> Department of Advanced Materials Science & Engineering, Hanseo University | <sup>1</sup> Khon Kaen 40002<br>THAILAND<br><br><sup>2</sup> Chungnam 356 706 SOUTH<br>KOREA | <a href="mailto:pnuengmatcha@gmail.com">pnuengmatcha@gmail.com</a>   |
| 106. | PS-34 | <u>Anshu Jain</u> , Yachna Jain, Mitlesh Kumari, Ragini Gupta*   | Development of Magnetically Separable and Recyclable Citrate Ornamented Nanoparticles as Efficient Catalyst for Synthesis of Benzimidazole Derivative under Ultrasonic Irradiation | Department of Chemistry,<br>Malaviya National Institute of<br>Technology   | Jaipur 302 017 (Rajasthan)<br>INDIA  | <a href="mailto:guptaragini@yahoo.com">guptaragini@yahoo.com</a> ,<br><a href="mailto:rgupta.chy@mnit.ac.in">rgupta.chy@mnit.ac.in</a>                                       |

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| 107. | PS-35 | <sup>1</sup> <u>Bharat C. Choudhary</u> , <sup>1</sup> Sandesh R. Tetgure, <sup>1</sup> Amulrao U. Borse*, <sup>1,2</sup> Dipak J. Garole*               | Recovery of Palladium from Simulated spent Catalyst using Formaldehyde Modified <i>Lagerstroemia speciosa</i> Leaf Powder | <sup>1</sup> School of Chemical Sciences, North Maharashtra University<br><br><sup>2</sup> Directorate of Geology and Mining, Government of Maharashtra  | <sup>1</sup> Jalgaon 425 001 (MS) INDIA<br><br><sup>2</sup> Nagpur 440 010 (MS) INDIA  | <a href="mailto:amulborse@gmail.com">amulborse@gmail.com</a> ,<br><a href="mailto:drdipakgarole@gmail.com">drdipakgarole@gmail.com</a>                           |
| 108. | PS-36 | <sup>1</sup> <u>Manu Sharma</u> ,<br><sup>2</sup> Ashish Kumar*  | Effect of Magnesium Doping on Optical Properties of ZnO Nanoparticles   | <sup>1</sup> Department of Chemistry, Indian Institute of Technology Delhi<br><sup>2</sup> School of Chemistry and Biochemistry, Thapar University   | <sup>1</sup> New Delhi 110 016 INDIA<br><br><sup>2</sup> Patiala 147 004 (Punjab) INDIA  | <a href="mailto:ashish.kumar@thapar.edu">ashish.kumar@thapar.edu</a> ,<br><a href="mailto:manu.atray@gmail.com">manu.atray@gmail.com</a>                         |
| 109. | PS-37 | <sup>1</sup> <u>P.K.Lakhani</u> ,<br><sup>2</sup> U.K.Dwivedi,<br><sup>3</sup> S.C.Gupta*  | Green Chemistry and Green Engineering: Towards a Smarter and Safer Future   | <sup>1</sup> Department of Chemical Engineering, Amity University<br><sup>2</sup> Department of Physics, Amity University<br><sup>3</sup> Department of Chemistry, Amity University                  | Jaipur (Rajasthan) INDIA   | <a href="mailto:palak.lakhani@student.amity.edu">palak.lakhani@student.amity.edu</a> ,<br><a href="mailto:umeshkudwivedi@gmail.com">umeshkudwivedi@gmail.com</a> |
| 110. | PS-38 | <sup>1</sup> <u>Pyare Lal Saini</u> , <sup>1</sup> P. Vijaya Babu, A. I.<br><sup>2</sup> Amansou, N.<br><sup>1</sup> Narumugam Srinivasarao Yaragorla*   | A Green Synthesis of Unsymmetrical 9-Arylxanthenes in a One-Pot Cascade Benzoylation/annulations/dehydration Strategy     | <sup>1</sup> SY-Organic & Medicinal Chemistry Laboratory, Department of Chemistry, Central University of Rajasthan<br><sup>2</sup> Department of Chemistry, College of Science, King Saud University | <sup>1</sup> Bandar Sindri, 305 817 (Rajasthan) INDIA<br><br><sup>2</sup> P.O. Box 2455, Riyadh 11451 SAUDI ARABIA                 | <a href="mailto:dahiya.pyarelal@gmail.com">dahiya.pyarelal@gmail.com</a>   |
| 111. | PS-39 | <sup>1</sup> <u>Ashutosh Joshi</u> ,<br><sup>2</sup> Tulika Srivastava,<br><sup>2</sup> Md. Nasir Khan,<br><sup>1</sup> Sanju Tanwar*,<br>Somaditya Sen* | Synthesis and Characterization of Zinc Doped Silicon Oxide Nanomaterial   | <sup>1</sup> Centre of Nanotechnology, Rajasthan Technical University<br><sup>2</sup> Centre for Materials Science and Engineering, Indian Institute of Technology                                   | <sup>1</sup> Rawathbhata Road, Kota 324 010 (Rajasthan) INDIA<br><br><sup>2</sup> Simrol Campus, Khandwa Road, Indore 452 020 (MP) | <a href="mailto:stanwar@rtu.ac.in">stanwar@rtu.ac.in</a>   |
| 112. | PS-40 | <u>Sateesh Kumar Meena</u> , Tekchand Sharma, Mahesh C. Sharma*  | Isolation of fats for topical use from seeds of <i>Buchanania lanzan</i>  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:gyasateeshkumar@gmail.com">gyasateeshkumar@gmail.com</a>   |
| 113. | PS-41 | <sup>1</sup> <u>Meenakshi</u> ,<br><sup>1</sup> Bhupendra Pal, <sup>2</sup> Ritu Mathur, <sup>1</sup> M.P.S.   | Effect of Dolomite on Linear Change Investigations and Weathering Effect Investigations of Magnesium                      | <sup>1</sup> Department of Biotechnology, Institute of Engineering & Technology  | Alwar 301 001 (Rajasthan) INDIA  | <a href="mailto:meenakshialwaraj@gmail.com">meenakshialwaraj@gmail.com</a>   |

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|      |       | Chandrawat*  | Oxysulphatecement   | <sup>2</sup> Department of Chemistry, R R (P G) College  |  |  |
| 114. | PS-42 | <sup>1</sup> Ankur R. Dubey,<br><sup>2</sup> Lekshmi Saxena,<br><sup>3</sup> Varsha A. Parasharami*                              | Harnessing the Potentials of Hairy Roots in <i>Ficus religiosa</i> L.   | <sup>1</sup> DY Patil University<br><sup>2</sup> DY Patil University Vidyapeeth<br><sup>3</sup> CSIR-NCL   | <sup>1</sup> Navi Mumbai (MS) INDIA<br><sup>2,3</sup> Pune (MS) INDIA                            | <a href="mailto:ankurdubey10@gmail.com">ankurdubey10@gmail.com</a> ,<br><a href="mailto:lekshmi.saxena@gmail.com">lekshmi.saxena@gmail.com</a> ,<br><a href="mailto:va.parasharami@ncl.res.in">va.parasharami@ncl.res.in</a> |
| 115. | PS-43 | <sup>1</sup> Surya P. Yadav,<br><sup>1</sup> Asif I. Baig, <sup>2</sup> Varsha A. Parasharami*                                   | Antimicrobial Properties and Phytochemical Analysis of <i>Garcinia indica</i> Choisy  | <sup>1</sup> St. Aloysius College<br><sup>2</sup> Plant Tissue Culture, CSIR-NCL   | <sup>1</sup> Jabalpur (MS) INDIA<br><sup>2</sup> Pune (MS) INDIA                                 | <a href="mailto:suryayadavs9@gmail.com">suryayadavs9@gmail.com</a> ,<br><a href="mailto:aasifbaig17@gmail.com">aasifbaig17@gmail.com</a> ,<br><a href="mailto:va.parasharami@ncl.res.in">va.parasharami@ncl.res.in</a>       |
| 116. | PS-44 | <sup>1</sup> Sneha Joshi, <sup>2</sup> Varsha Parasharami*   | Assessment of intra-population genetic diversity in <i>Ficus religiosa</i> L. from Pune city using ISSR markers                 | <sup>1</sup> Pune University<br><sup>2</sup> Plant tissue culture, CSIR-NCL  | Pune (MS) INDIA  | <a href="mailto:snehasjoshi.93@gmail.com">snehasjoshi.93@gmail.com</a> ,<br><a href="mailto:va.parasharami@ncl.res.in">va.parasharami@ncl.res.in</a>   |
| 117. | PS-45 | <sup>1</sup> Garima Prajapat,<br><sup>2</sup> S.N. Jatolia, <sup>2</sup> Rama Gupta, <sup>2</sup> N. Bhojak*                     | Green Synthesis Spectral and Biological Properties of Nd (III) Complexes with Quinoline Derivatives                             | <sup>1</sup> Department of Chemistry, Govt. Engineering College<br><sup>2</sup> GCRC, P.G. Department of Chemistry, Govt. Dungar College (A-Grade), MGS University | <sup>1</sup> Bikaner 334 001 (Rajasthan) INDIA<br><sup>2</sup> Bikaner 334 003 (Rajasthan) INDIA | <a href="mailto:garimagoel4@gmail.com">garimagoel4@gmail.com</a> ,<br><a href="mailto:narendarbhojak@rediffmail.com">narendarbhojak@rediffmail.com</a>   |
| 118. | PS-46 | <sup>1</sup> P. Anithakumari,<br><sup>1</sup> Balaji P. Mandal*,<br><sup>2</sup> Manoj Mohapatra,<br><sup>1</sup> Avesh K. Tyagi | Enhancement of dielectric constant in niobium doped TiO <sub>2</sub> system: An experimental study                              | <sup>1</sup> Chemistry Division, Bhabha Atomic Research Centre<br><sup>2</sup> Radiochemistry Division, Bhabha Atomic Research Centre                              | <sup>1</sup> Mumbai 400 085 (MS) INDIA<br><sup>2</sup> Mumbai 400 085 (MS) INDIA                 | <a href="mailto:bpmandal@barc.gov.in">bpmandal@barc.gov.in</a>   |
| 119. | PS-47 | Lalita Panwar, Ram Gopal, Neha, Meena Nagar*   | Synthesis and Characterization of Biocidal Complexes of Nickel (II) Drived from Semi, Thiosemicarbazone of Carvone and Menthone | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:nagar_meena@yahoo.com">nagar_meena@yahoo.com</a>   |
| 120. | PS-48 | A. Pandey, B. Singh, S. Pandey*  | Solvatochromic Probe Behavior within DESs: Effect of Temperature and Water  | Department of Chemistry, IIT Delhi   | New Delhi, INDIA   | <a href="mailto:ashishpandey.iitd@gmail.com">ashishpandey.iitd@gmail.com</a>   |

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| 121. | PS-49 | <u>Mahipal</u> , Siddharth Pandey*  | Self-Aggregation of Sodium Dodecylsulfate within (Choline Chloride+Urea) Deep Eutectic Solvent  | Department of Chemistry, IIT Delhi   | New Delhi, INDIA                 | <a href="mailto:mahipal.iitd@gmail.com">mahipal.iitd@gmail.com</a>   |
| 122. | PS-50 | <u>Aabha Pareek</u> , Vibha Pareek, Manu Sikarwar*, Avnish Sharma*                          | Computational Modelling and Air Pollution   | Government College Bhilwara  | Bhilwara (Rajasthan) INDIA       | <a href="mailto:aabhapareek123@gmail.com">aabhapareek123@gmail.com</a>   |
| 123. | PS-51 | <u>S. Pramodini Devi</u> , R. K. Hemakumar Singh*   | Studies on the Interaction between Calf-Thymus DNA and Copper(II)-Rhodium(II) Complexes of Thiocyanate and 1-amidino-O-alkylurea                                  | Department of Chemistry, Manipur University                                | Imphal 795 003 (Manipur) INDIA   | <a href="mailto:rkhemakumar@rediffmail.com">rkhemakumar@rediffmail.com</a>   |
| 124. | PS-52 | <u>Ashish Nadar</u> , A. M. Banerjee*, M. R. Pai, A. K. Tripathi, S.R. Bharadwaj            | Studies on Supported Fe <sub>2</sub> O <sub>3</sub> Catalysts for Sulfuric Acid Decomposition Reaction  | Chemistry Division, Bhabha Atomic Research Centre                          | Mumbai 400 085 (MS) INDIA        | <a href="mailto:atinmb@barc.gov.in">atinmb@barc.gov.in</a> ,<br><a href="mailto:atinmb@gmail.com">atinmb@gmail.com</a> |
| 125. | PS-53 | <u>Arti Sharma</u> , Kanika Sharma, Sanjiv Saxena, Asha Jain*                               | Synthesis, Structural Characterization and Antibacterial Activity of Hexacoordinated dimethyltin(IV) Complex  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:aashajain27@gmail.com">aashajain27@gmail.com</a>   |
| 126. | PS-54 | Sangeeta Bhargava*, <u>Pooja Soni</u> , Sarita Saini  | Trifluoroethanol: A Retrievable Medium for the Facile and Eco-compatible Synthesis of Some Medicinally Important Flavone Derivatives under Ultrasonic Irradiation | Centre of Advanced Study, Department of Chemistry, University of Rajasthan | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:drsbhargava1@gmail.com">drsbhargava1@gmail.com</a>   |
| 127. | PS-55 | <u>Karuna Maheshwari</u> , Manish Kumar Srivastava, Ajita Kumari, Sanjiv Saxena, Asha Jain* | A Facile and Convenient Approach for the Synthesis of Organotin(IV) Complexes of Amino Acid Derivative and $\beta$ -Diketone                                      | Centre of Advanced Study, Department of Chemistry, University of Rajasthan | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:aashajain27@gmail.com">aashajain27@gmail.com</a>   |
| 128. | PS-56 | Sangeeta Bhargava*, Praveen Verma, <u>Deepti Rathore</u> , Anita Choudhary, A.K.Yadav       | Antimicrobial Screening and Synthesis of Some Benzo[a]phenothiazine and its Derivatives   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:drsbhargava1@gmail.com">drsbhargava1@gmail.com</a>   |



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| 129. | PS-57 | <u>Mitlesh Kumari</u> ,<br>Anshu Jain, Yachana Jain, Ragini Gupta*                                  | Lemon Juice Modified Nano Magnetically Separable Catalyst for the Efficient Synthesis of Biologically Important Antipyrene Schiff's Base under Ultrasonication | Department of Chemistry, Malaviya National Institute of Technology  | Jaipur 302017 (Rajasthan)<br>INDIA                 | <a href="mailto:guptaragini@yahoo.com">guptaragini@yahoo.com</a> ,<br><a href="mailto:rgupta.chy@mnit.ac.in">rgupta.chy@mnit.ac.in</a>   |
| 130. | PS-58 | <u>Ravindra K.Singh*</u> ,<br><u>Prabhash Chandra</u>   | Isolation of Bioactive Components of <i>Acacia catechu</i>   | Government PG College   | Shahpura, Bhilwara (Rajasthan)<br>INDIA            | <a href="mailto:rathore_sr@rediff.com">rathore_sr@rediff.com</a> ,<br><a href="mailto:prabhashchander@yahoo.com">prabhashchander@yahoo.com</a>   |
| 131. | PS-59 | <sup>1</sup> <u>Akanksha Jain</u> ,<br><sup>2</sup> Utkarsh Kaushik,<br><sup>1,2</sup> S. C. Joshi* | Silver Nanoparticles Toxicity and Sperm Chromatin Quality  | <sup>1</sup> Centre for Converging Technologies, University of Rajasthan<br><sup>2</sup> Reproductive Toxicology Unit, Center for advanced studies, Department of Zoology | <sup>1,2</sup> Jaipur 302 004 (Rajasthan)<br>INDIA | <a href="mailto:s_c_joshi2003@rediffmail.com">s_c_joshi2003@rediffmail.com</a>   |
| 132. | PS-60 | <u>Yachana Jain</u> ,<br><u>Mitlesh Kumari</u> ,<br>Anshu Jain, Ragini Gupta*                       | Click Chemistry Approach for the Synthesis of Heterobioconjugates in Water using Cyclodextrin as a Phase Transfer Catalyst under Ultrasonication               | Department of Chemistry, Malaviya National Institute of Technology  | Jaipur 302 017 (Rajasthan)<br>INDIA                | <a href="mailto:guptaragini@yahoo.com">guptaragini@yahoo.com</a> ,<br><a href="mailto:rgupta.chy@mnit.ac.in">rgupta.chy@mnit.ac.in</a>   |
| 133. | PS-61 | <u>Snehal Ganjave</u> ,<br>Manish Bhat,<br>Thankamani Marar*  | Partial Purification and Characterization of L-Asparaginase from <i>Gordonia terrae</i> Strain DSM43249 Isolated from Lonar Lake (MS) India                    | D.Y. Patil University   | Belapur, Navi Mumbai (MS)<br>INDIA                 | <a href="mailto:ganjave.snehal@gmail.com">ganjave.snehal@gmail.com</a> ,<br><a href="mailto:manishbhat@gmail.com">manishbhat@gmail.com</a> ,<br><a href="mailto:dr.marar@yahoo.com">dr.marar@yahoo.com</a> |
| 134. | PS-62 | Richa Sharma*,<br><u>Neeraj Choudhary</u>   | Biochemical Studies on Keratinophilic Fungi Isolated from Soil Samples of Saharanpur (UP)  | Department of Food and Biotechnology, Jayoti Vidyapeeth Women's University  | Jaipur- 303 007 (Rajasthan)<br>INDIA               | <a href="mailto:richa@jvwu.ac.in">richa@jvwu.ac.in</a>   |
| 135. | PS-63 | <u>Sami Ullah Bhat*</u> ,<br>Rawoof Ahmad Naikoo, Muzzaffar Ahmad Mir, Radha Tomar                  | Synthesis of 14-Aryl-14H-dibenzo [a, j] Xanthene Derivatives using H-Zeolite A as an Efficient and Reusable Catalyst under Solvent Free Condition              | School of Studies in Chemistry, Jiwaji University   | Gwalior 474 011 (MP) INDIA                         | <a href="mailto:su78568@gmail.com">su78568@gmail.com</a>   |

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| 136. | PS-64 | <sup>1</sup> Rita Gupta, <sup>2</sup> Sunita Yadav, <sup>3</sup> Jyoti Sharma*, <sup>3</sup> Yash Pal Singh* | Synthesis and Characterization of Organoantimony Complexes of Salicylaldehydeamino Acid Schiff Base                                 | <sup>1</sup> P.N.K.S Govt. P.G. College<br><sup>2</sup> B.B.D. Govt. College<br><sup>3</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan | <sup>1</sup> Dausa (Rajasthan) INDIA<br><sup>2</sup> Chimanpura (Rajasthan) INDIA<br><sup>3</sup> Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:ritagupta16@rediffmail.com">ritagupta16@rediffmail.com</a>   |
| 137. | PS-65 | Tanushree Basu, Satnam Singh, Bonamali Pal*  | Preparation of Core-Shell Chitosan Nanospheres using PLGA Template and to Study Release Kinetics of Ramipril from Polymer Matrix    | School of Chemistry and Biochemistry, Thapar University   | Patiala 147 004 (Punjab) INDIA   | <a href="mailto:tanushree@thapar.edu">tanushree@thapar.edu</a> ,<br><a href="mailto:bpal@thapar.edu">bpal@thapar.edu</a>                     |
| 138. | PS-66 | G. Raviraju, S. Ghosh, J. Acharya, A. K. Gupta*  | Design, Synthesis and Evaluation of New Reactivators of Acetylcholinesterase (AChE) Inhibited by Organophosphorus (OP) Nerve Agents | Process Technology Development Division, Defence Research & Development Establishment   | Jhansi Road, Gwalior 474 002(MP) INDIA   | <a href="mailto:akgupta@drde.drdo.in">akgupta@drde.drdo.in</a> ,<br><a href="mailto:j.acharya@drde.drdo.in">j.acharya@drde.drdo.in</a>       |
| 139. | PS-67 | Deepika Jhanwar Jaimala Sharma*  | Anticancer Effect of ZnO Nanoparticles and Quinine Sulfate on DMBA and Croton Oil Induced Skin Carcinogenesis in Swiss Albino Mice  | Radiation and Cancer Biology Lab, Department of Zoology, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:Jhanwardeepikab@gmail.com">Jhanwardeepikab@gmail.com</a> ,<br><a href="mailto:jaimalauor@gmail.com">jaimalauor@gmail.com</a> |
| 140. | PS-68 | Guddi Choudhary, Monika, Rakesh Kumar Banger, Anju, Alka Sharma*   | Impeding Acid Corrosion of Copper by <i>Bidens biternata</i>  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:sharma_alka21@yahoo.com">sharma_alka21@yahoo.com</a>   |
| 141. | PS-69 | Suraksha Gahalawat, Satyendra Kumar Pandey*  | Total Synthesis of (+)-Serinolamide A and (+)-Petromyroxol  | School of Chemistry and Biochemistry, Thapar University   | Patiala 147 001(Punjab) INDIA  | <a href="mailto:skpandey@thapar.edu">skpandey@thapar.edu</a>   |
| 142. | PS-70 | Mahesh Kumar Paliwal, Sumanta Kumar Meher*   | Flower-like ZnO for Efficient Removal of Dye Wastewater Pollutants  | Department of Chemistry, Malaviya National Institute of Technology  | Jaipur, 302 017 (Rajasthan) INDIA  | <a href="mailto:maheshmnitjaipur@gmail.com">maheshmnitjaipur@gmail.com</a>   |
| 143. | PS-71 | Ramandeep Kaur,  | Enantioselective Synthesis of (1 <i>S</i> ,2 <i>R</i> )-  | School of Chemistry and   | Patiala 147 001 (Punjab)   | <a href="mailto:skpandey@thapar.edu">skpandey@thapar.edu</a>   |

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|      |       | Satyendra Kumar Pandey*  | Ephenamine  | Biochemistry, Thapar University  | INDIA  | <a href="mailto:edu">edu</a>   |
| 144. | PS-72 | <u>Arpita Sharma</u> ,<br>Monika, Rakesh<br>Kumar Banger, Amit<br>Prashar, Alka<br>Sharma*   | <i>Eicchornia crassipes</i> as Potential Green<br>Inhibitor for Acid Corrosion of MS  | Centre of Advanced Study,<br>Department of Chemistry,<br>University of Rajasthan   | Jaipur 302 004 (Rajasthan)<br>INDIA  | <a href="mailto:sharma_alka21@yahoo.com">sharma_alka21@yahoo.com</a> |
| 145. | PS-73 | <u>Yuvraj Garg</u> ,<br>Satyendra Kumar<br>Pandey*   | Enantioselective Total Syntheses of ( <i>R</i> )-<br>Lacosamide, (+)-Angustureine,<br>and ( <i>S</i> )-Nakinadine B   | School of Chemistry and<br>Biochemistry, Thapar University   | Patiala 147 001 (Punjab)<br>INDIA  | <a href="mailto:skpandey@thapar.edu">skpandey@thapar.edu</a>         |
| 146. | PS-74 | <sup>1</sup> <u>Rawoof Ahmad<br/>Naikoo*</u> , <sup>1</sup> Muzzaffar<br>Ahmad Mir, <sup>1</sup> Sami<br>Ullah Bhat, <sup>1</sup> Radha<br>Tomar,<br><sup>2</sup> S.S. Tomar | Synthesis and Catalytic Efficiency of the<br>Reusable Zeolite H-A Catalyst for the<br>Synthesis of 3, 4-Dihydropyrimidin-<br>2( <i>1H</i> )-ones Under Solvent Free<br>Conditions | <sup>1</sup> School of Studies in Chemistry,<br>Jiwaji University<br><br><sup>2</sup> Govt. S.L.P. College   | <sup>1</sup> Gwalior 474 011 (MP) INDIA<br><sup>2</sup> Morar 474 006 (MP) INDIA               | <a href="mailto:naikraouf90@gmail.com">naikraouf90@gmail.com</a>     |
| 147. | PS-75 | <u>Anu Kadyan</u> ,<br>Siddharth Pandey*   | Hybrid Green Nonaqueous Media:<br>Tetraethylene Glycol Modifies Properties<br>of (Choline Chloride +Urea) Deep<br>Eutectic Solvent  | Department of Chemistry, IIT<br>Delhi  | New Delhi, INDIA   | <a href="mailto:anu.kadyan1@gmail.com">anu.kadyan1@gmail.com</a>     |
| 148. | PS-76 | <sup>1</sup> <u>Savita Agarwal</u> ,<br><sup>2</sup> Anita Meena, <sup>3</sup> Riya<br>Sailani, <sup>4</sup> C. L.<br>Khandelwal*  | Kinetics and Mechanism of Oxidation of<br>Cinnamyl Alcohol by Chloramine-T in<br>Aqueous Acid Medium  | <sup>1</sup> Department of Chemistry,<br>JECRC College<br><sup>2</sup> Department of Chemistry, JNV<br>University<br><sup>3,4</sup> Centre of Advanced Study,<br>Department of Chemistry,<br>University of Rajasthan | <sup>1,3,4</sup> Jaipur 302 004 (Rajasthan)<br>INDIA<br><sup>2</sup> Jodhpur (Rajasthan) INDIA | <a href="mailto:clkhandelwal@ymail.com">clkhandelwal@ymail.com</a>   |
| 149. | PS-77 | Ram Singh, Ajay<br>Choudhary, <u>Anju</u> ,<br>Alka Sharma*  | Bioreduction of Metal Salts: A Greener<br>Route to Fabricate GNPs   | Centre of Advanced Study,<br>Department of Chemistry,<br>University of Rajasthan   | Jaipur 302 004 (Rajasthan)<br>INDIA  | <a href="mailto:sharma_alka21@yahoo.com">sharma_alka21@yahoo.com</a> |

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| 150. | PS-78 | <u>Suman Swami</u> , Rahul Shrivastava*  | ZnO Nanoparticles as Reusable Heterogeneous Catalyst for Efficient One Pot Three Component Synthesis of Imidazo-Fused Polyheterocycles                     | Department of Chemistry, Manipal University  | VPO-Dehmi Kalan, Teshil Sanganer, Jaipur 303 007 (Rajasthan) INDIA | <a href="mailto:sumanswami1994@gmail.com">sumanswami1994@gmail.com</a>   |
| 151. | PS-79 | <u>Ujwala S. Tayade</u> , Amulrao U. Borse,* Jyotsna S. Meshram*               | Green Approach: Synthesis and Photo Catalytic Degradation of Methyl Orange Using Synergistic Effect of Metal Oxide Nanocomposite                           | School of Chemical Sciences, North Maharashtra University  | Jalgaon 425 001 (MS) INDIA   | <a href="mailto:drjsmeshram@gmail.com">drjsmeshram@gmail.com</a> ,<br><a href="mailto:ujwalatayade5891@gmail.com">ujwalatayade5891@gmail.com</a>       |
| 152. | PS-80 | <u>Sangeeta Lamba</u> , Swati Bugalia, Mithlesh Agrawal*                       | Synthesis, Characterization, Spectral Studies and Antimicrobial Screening of 18-Membered Trioxadiazamacrocycles of Mn(III) and Fe(III)                     | Centre of Advanced Study, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA                                   | <a href="mailto:mithagr@gmail.com">mithagr@gmail.com</a> ,<br><a href="mailto:lambaschem@gmail.com">lambaschem@gmail.com</a>                           |
| 153. | PS-81 | <u>Vashundhra Sharma</u> , Pradeep Kumar Jaiswal*, Sandeep Chaudhary           | Studies Towards Design, Synthesis and Biological Aspects of Benzo(1,4)oxazine-2-one Based Novel Antimicrobial and Antifungal Agents                        | Department of Chemistry, Malaviya National Institute of Technology   | Jawaharlal Nehru Marg, Jaipur 302 017 (Rajasthan) INDIA            | <a href="mailto:vashu.29sep@gmail.com">vashu.29sep@gmail.com</a>   |
| 154. | PS-82 | <u>Ranjeet Singh Rathore</u> , Praveen Purohit*                                | Experimental Evaluation of Diesel Engine Performance Using Bio-Diesel Prepared From Waste Cooking Oil  | Government Engineering College Bikaner   | Bikaner (Rajasthan) INDIA  | <a href="mailto:rajpurohitpraveen@yahoo.com">rajpurohitpraveen@yahoo.com</a> ,<br><a href="mailto:rathorers2001@gmail.com">rathorers2001@gmail.com</a> |
| 155. | PS-83 | <u>A.S. Pente</u> , M.P. Dandekar, N.S. Rao, Anand Gangadharan, Savita Jain*   | Management of Alpha Contaminated Spent Hydraulic Oils and Radioactive Alkaline Aqueous Waste by Cementation Process to Minimize Migration of Radionuclides | Waste Management Division, Nuclear Recycle Group, BARC   | Mumbai 400 085 (MS) INDIA  | <a href="mailto:savitaj@barc.gov.in">savitaj@barc.gov.in</a>   |
| 156. | PS-84 | <u>Priya Bhardwaj</u> , Seema Agarwal, S. Kalpana*                             | Mitigation of Mild Steel Corrosion by <i>Calotropis Procera</i> L. Leaves in 1M H <sub>2</sub> SO <sub>4</sub> Solution                                    | Electrochemistry & Environmental Chemistry Lab, Department of Chemistry Government College   | Kota 324 001 (Rajasthan) INDIA                                     | <a href="mailto:pinki4455@gmail.com">pinki4455@gmail.com</a> ,<br><a href="mailto:kalpananurag22@gmail.com">kalpananurag22@gmail.com</a>               |
| 157. | PS-85 | <sup>1</sup> Jyoti Joshi*, <sup>2</sup> B.S. Joshi, <sup>1</sup> Tanuja Kumari | Synthesis and Characterization of Novel Lanthanum(III) Complexes of Betti Base   | <sup>1</sup> Department of Chemistry, Malaviya National Institute of Technology<br><sup>2</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan | Jaipur (Rajasthan) INDIA   | <a href="mailto:jojo_jaipur@yahoo.com">jojo_jaipur@yahoo.com</a>   |

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| 158. | PS-86 | <u>Gaddam Mahesh</u> ,<br>Jakka Raghavaiah,<br>Kiran Kumar<br>Singarapu,<br>Gangarajula<br>Sudhakar*                                   | Nazarov Cyclization of Divinyl Ketones Bearing an Ester Group at the $\beta$ -Position: a Remarkable Effect of $\alpha$ -Substitution and Alkene Geometry on Regioselectivity | CPC (Organic Chemistry-II) Division, CSIR-Indian Institute of Chemical Technology  | Tarnaka, Hyderabad 500 007 (Telangana) INDIA   | <a href="mailto:gsudhakar@iict.res.in">gsudhakar@iict.res.in</a>   |
| 159. | PS-87 | <u>Shakeel Ahmad</u> ,<br>Sujata Kumari, Ruby<br>Singh*  | An Efficient Synthesis of Quinoxaline Derivatives using Fe(DS) <sub>3</sub> as a Lewis Acid-Surfactant-Combined Catalyst  | Department of Chemistry, School of Basic Sciences, Jaipur National University  | Jaipur (Rajasthan) INDIA   | <a href="mailto:drubychem@yahoo.com">drubychem@yahoo.com</a>   |
| 160. | PS-88 | <u>Suchitra Chaudhary</u> ,<br>R K. Tak*   | Corrosion Inhibition Efficiency of Plant <i>Tribulus terrestris</i> for Mild Steel in Different Acid Media  | Department of Chemistry, SPC Government College  | Ajmer (Rajasthan) INDIA  | <a href="mailto:suchitra_gca@yahoo.com">suchitra_gca@yahoo.com</a>   |
| 161. | PS-89 | <u>Mukesh Gupta</u> ,<br>Poonam Dwivedi*   | Evaluation of Expired Zanicin-F as Corrosion Inhibitor for Copper in 2M Nitric Acid   | Department of Chemistry, School of Basic Sciences, Jaipur National University  | Jaipur (Rajasthan) INDIA   | <a href="mailto:poonamd23@gmail.com">poonamd23@gmail.com</a>   |
| 162. | PS-90 | <u>Sushma Kumari</u> ,<br>Poonam Dwivedi*  | <i>Tabernaemontana divaricata</i> Leaves Extract as Green Corrosion Inhibitor for Aluminium in Alkaline Medium  | Department of Chemistry, School of Basic Sciences, Jaipur National University  | Jaipur (Rajasthan) INDIA   | <a href="mailto:poonamd23@gmail.com">poonamd23@gmail.com</a>   |
| 163. | PS-91 | <sup>2</sup> Poonam Sharma, <sup>3</sup> J. Jayaraj, <sup>2</sup> A. Dhawan, <sup>1</sup> S. K. Sharma, <sup>3</sup> U. Kamachi Mudali | Corrosion Behavior of O <sup>+</sup> ion Implanted Zr <sub>55</sub> Cu <sub>30</sub> Al <sub>10</sub> Ni <sub>5</sub> Bulk Metallic Glassy Alloy in Nitric Acid Medium        | <sup>1</sup> Department of Physics, Malaviya National Institute of Technology<br><sup>2</sup> Department of Physics, Anand International College of Engineering, <sup>3</sup> Corrosion Science and Technology Group, Indira Gandhi Centre for Atomic Research | Jaipur 302 017 (Rajasthan) INDIA<br><br>Jaipur 303 012 (Rajasthan) INDIA<br><br>Kalpakkam 603 102 (TN) INDIA | <a href="mailto:pnms90@gmail.com">pnms90@gmail.com</a> ;<br><a href="mailto:dr.anildhawan11@gmail.com">dr.anildhawan11@gmail.com</a> |
| 164. | PS-92 | <u>Suneel Gangada</u> ,<br>Drishti, Raghu Chitta*  | Spacer and Solvent Dependent Intramolecular Photoinduced Electron Transfer in Bis(4'-tert-butylbiphenyl-4-yl)aniline - Fullerene[C <sub>60</sub> ] based Donor-Acceptor Dyads | School of Chemical Sciences & Pharmacy, Central University of Rajasthan  | Bandar Sindri 305 817 (Rajasthan) INDIA  | <a href="mailto:2014phdch003@curaj.ac.in">2014phdch003@curaj.ac.in</a>   |
| 165. | PS-93 | <u>Munesh Meena</u> ,<br>Ramhari Meena,  | New Potential Biologically Active Tetraaza Macrocyclic Compounds:   | Centre of Advanced Study, Department of Chemistry,   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:munesh.chem1985@gmail.com">munesh.chem1985@gmail.com</a> ;   |

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|      |        | Nighat Fahmi*   | Design and an Efficient Synthesis of Novel Macrocyclic Copper(II) Complexes  | University of Rajasthan  |   | <a href="mailto:nighat.fahmi@gmail.com">nighat.fahmi@gmail.com</a>   |
| 166. | PS-94  | <u>Bindu, Neelima Gupta*</u>  | Computational Investigation of Mechanistic aspects of 1,3-Dipolar Cycloaddition of Pyridinium Ylides leading to Spirocyclic Heterocycles | Centre of Advanced Study, Department of Chemistry, University of Rajasthan                       | Jaipur 302 004 (Rajasthan) INDIA        | <a href="mailto:guptaniilima@gmail.com">guptaniilima@gmail.com</a>   |
| 167. | PS-95  | <u>Akanksha Agarwal, Neelima Gupta*</u>   | Experimental and Computational Study of Regioselective Synthesis of 1,2,3-Trisubstituted Indolizine Derivatives                          | Centre of Advanced Study, Department of Chemistry, University of Rajasthan                       | Jaipur 302 004 (Rajasthan) INDIA        | <a href="mailto:guptaniilima@gmail.com">guptaniilima@gmail.com</a>   |
| 168. | PS-96  | <u>Seema Verma, Neelima Gupta*</u>  | Study of Binding Pattern of EGCG and EGC with HSA & DNA  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan                       | Jaipur 302 004 (Rajasthan) INDIA        | <a href="mailto:guptaniilima@gmail.com">guptaniilima@gmail.com</a>   |
| 169. | PS-97  | <u>Disha Soni, Rahul Pal*</u>   | Propellant Chemistry Based Nanocrystalline Manganese-Ferrite for Charge Storage Electrode Application                                    | Department of Chemistry, School of Chemical Sciences & Pharmacy, Central University of Rajasthan | Bandar Sindri 305 817 (Rajasthan) INDIA | <a href="mailto:rahul.pal@curaj.ac.in">rahul.pal@curaj.ac.in</a>   |
| 170. | PS-98  | <u>Neelam, Ekta Shekhawat, Ankita Vashishth, Poornima Nag*</u>                            | Analysis of Various Milk Samples Collecting from Different Areas from Jaipur city  | Department of Chemistry, School of Basic Sciences, Jaipur National University                    | Jaipur (Rajasthan) INDIA                | <a href="mailto:purnima_nag007@yahoo.com">purnima_nag007@yahoo.com</a>   |
| 171. | PS-99  | <u>Adya Jain, Muzzaffar Ahmad Mir, Rawoof Ahmad Naikoo, Sami Ullah Bhat, Radha Tomar*</u> | Fabrication of Polyaniline/Zelite Composites and their Response Towards Nitrogen Dioxide   | School of Studies in Chemistry, Jiwaji University  | Gwalior 474 011 (MP) INDIA              | <a href="mailto:adyajain02@gmail.com">adyajain02@gmail.com</a>   |
| 172. | PS-100 | <u>Jyotsna Prajapati, Ajay Kumar Tiwari*</u>  | Ocular Allergens and their Treatment   | School of Pharmaceutical Sciences, Jaipur National University                                    | Jaipur (Rajasthan) INDIA                | <a href="mailto: jyotsprajapati98@gmail.com">jyotsprajapati98@gmail.com</a>  |
| 173. | PS-101 | <u>Lokesh Kumar Agarwal, Neelima Gupta*</u>   | Binding Profile of Pharmaceutically Important Alkaloids incorporating Indolizine Nucleus   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan                       | Jaipur 302 004 (Rajasthan) INDIA        | <a href="mailto:lokeshmittal24@gmail.com">lokeshmittal24@gmail.com</a> ;<br><a href="mailto:guptaniilima@gmail.com">guptaniilima@gmail.com</a> |
| 174. | PS-102 | <u>Pratibha Mittal, Sunil</u>   | Extraction of Heavy Metals from  | Department of Chemistry,   | Ajmer (Rajasthan) INDIA                 | <a href="mailto:drvuma@gmail.co">drvuma@gmail.co</a>   |

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|      |        | <u>Joshi, V. Uma*</u>   | Industrial Waste Water using Silver Nanoparticles Coated with Schiff bases   | S.P.C.Govt. College   |                                  | <a href="#">m</a>  |
| 175. | PS-103 | <u>Isha Yadav, Meenakshi Pilania, Mukund P. Tantak, V. Arun, Dalip Kumar*</u> | Iodine-Promoted Rapid and Greener Synthesis of Fused-1,2,4-triazoles   | Department of Chemistry Birla Institute of Technology and Science                     | Pilani 333 031 (Rajasthan) INDIA | <a href="mailto:f2013967@pilani.bits-pilani.ac.in">f2013967@pilani.bits-pilani.ac.in</a>   |
| 176. | PS-104 | <u>Disha Khanna, Premjeet, Preeti Khulbe*, Arindam Chatterjee*</u>            | NSAIDs as Mesoporous Drug Delivery System  | School of Pharmaceutical Sciences, Jaipur National University                         | Jaipur 302 017 (Rajasthan) INDIA | <a href="mailto:premjeet2406@gmail.com">premjeet2406@gmail.com</a> ,<br><a href="mailto:dishakhanna391.dk@gmail.com">dishakhanna391.dk@gmail.com</a> |
| 177. | PS-105 | <u>Chandni Jain, Ram Gopal, Gita Seth, Meena Nagar*</u>                       | Synthesis and Bioactivity of Phenoxy Derivatives of Substituted Benzothiazole Organophosphates   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan            | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:nagar_meena@yahoo.com">nagar_meena@yahoo.com</a> ,<br><a href="mailto:jain.chandni7@gmail.com">jain.chandni7@gmail.com</a>           |
| 178. | PS-106 | <u>Smareeka Sareen, V. Khatri*</u>  | Synthesis, Characterization and Antifungal Activity of 1-phenyl/m-dinitrophenyl-4-[(substitutedphenyl-4-yl)hydrazono]-5-(substituted benzothiazolylimino)-3-methyl-4,5-dihydro pyrazoles | Centre of Advanced Study, Department of Chemistry, University of Rajasthan            | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:sareens297@gmail.com">sareens297@gmail.com</a>   |
| 179. | PS-107 | <u>Priyanka Sharma, Jyoti Bhomia, Jyoti Sharma, Yashpal Singh*</u>            | New Five Coordinated Complexes of Aluminium: Syntheses, Characterizations, their Silyation Reactions and Antibacterial Activities  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan            | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:yashpaluniraj@gmail.com">yashpaluniraj@gmail.com</a>   |
| 180. | PS-108 | <u>Shiv Dhiman, Nitesh. K. Nandwana, Dalip Kumar, Anil Kumar*</u>             | Copper Catalyzed Multicomponent One-pot Synthesis of Pyrido[2',1':2,3]imidazo[4,5-c]quinoline Derivatives and Evaluation of their Antimicrobial Activities                               | Department of Chemistry, Birla Institute of Technology and Science                    | Pilani 333 031 (Rajasthan) INDIA | <a href="mailto:anilkumar@pilani.bits-pilani.ac.in">anilkumar@pilani.bits-pilani.ac.in</a>   |
| 181. | PS-119 | <u>Anjuman Shekhawat, Sachin Doi, D. K. Sharma*</u>                           | Differential Pulse Stripping Voltammetric Studies and Quantification of Cardiovascular Drug Perindopril and its Assay in Pharmaceutical  | Electrochemical Research Laboratory, Department of Chemistry, University of Rajasthan | Jaipur 302 004 (Rajasthan) INDIA | <a href="mailto:sharmadkuor@gmail.com">sharmadkuor@gmail.com</a>   |

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| 182. | PS-110 | <u>Preeti Choudhary</u> , S. Varshney*   | Cyclic Voltammetric Reduction of Schiff base Derived from 4-Methyl Acetophenone and Alanine at Glassy Carbon Electrode  | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:saritavarshney@rediffmail.com">saritavarshney@rediffmail.com</a>   |
| 183. | PS-111 | <u>Lakshmi Meena</u> , Rekha Sharma, S. Varshney*  | Synthesis, Electrochemical and Antimicrobial Studies of 4-Ethylcyclohexanone Semicarbazone and its Co(II) Complex   | Centre of Advanced Study, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:saritavarshney@rediffmail.com">saritavarshney@rediffmail.com</a>   |
| 184. | PS-112 | <sup>1</sup> <u>Aditi Joshi</u> ,<br><sup>1</sup> <u>Akanksha Jarera</u> ,<br><sup>2</sup> Hrishkesh Mungi,<br><sup>1</sup> Debanjan Guin* | Development of Easy Handling (Liquid, Gel, and Film Based) Optical Detector for Cholesterol Sensing   | <sup>1</sup> Centre of Advanced Study, Department of Chemistry, University of Rajasthan<br><sup>2</sup> Biochemical Sciences Division, National Chemical Laboratory | <sup>1</sup> Jaipur 302 004 (Rajasthan) INDIA<br><sup>2</sup> Pashan Road, Pune 411 008 (MS) INDIA | <a href="mailto:debanjan.guin@gmail.com">debanjan.guin@gmail.com</a>   |
| 185. | PS-113 | <u>Vimlesh Kumar Meena</u> , Yopgpal Dhayal, C. P. Singh Chandel, K. S. Gupta*   | Kinetics of the Inhibition of Aqueous Sulfur Dioxide Autoxidation by Volatile Organic Compounds: Relation Between Sulfate Radical Anion – Inhibitor Reaction Rate Constant, $k_{inh}$ , and Inhibition Parameter, B | Atmospheric Chemistry Lab, Department of Chemistry, University of Rajasthan   | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:guptaks14@rediffmail.com">guptaks14@rediffmail.com</a> ;<br><a href="mailto:guptaks200@gmail.com">guptaks200@gmail.com</a> |
| 186. | PS-114 | <u>Varsha Jakhar</u> , Debanjan Guin, Anshu Dandia*  | Silver Nanocomposite Films: Potential Applications and Implications of Anti-microbial and Anti-malarial Activity  | Centre of Advanced Studies, Department of Chemistry, University of Rajasthan  | Jaipur 302 004 (Rajasthan) INDIA   | <a href="mailto:dranshudandia@yahoo.co.in">dranshudandia@yahoo.co.in</a>   |
| 187. | PS-115 | <u>Prity Sharma</u> , Sushila Dhaka*   | Isolation and Identification of Phytosterols from <i>Euphorbia hirta</i>  | Department of Chemistry, Government SK College,   | Sikar (Rajasthan) INDIA  | <a href="mailto:Pritysharma83@gmail.com">Pritysharma83@gmail.com</a>   |
| 188. | PS-116 | <u>Neha Shrivastava</u> , J.K. Jain  | Adsorption Investigation of Basic Red dyes from Textile Dyeing and Printing Industrial Waste Water by using Guava Leaf Powder   | University of Rajasthan   | Jaipur (Rajasthan) INDIA   | <a href="mailto:nehashrivastava2382@hotmail.com">nehashrivastava2382@hotmail.com</a>   |