

**The National Academy of Sciences, India (NASI) (Abstracts Accepted-Biological Sciences)**

**General Instructions for Presentations**

**Oral Presentation:** Maximum allotted time - 15 minutes (including discussions).

**Poster Presentation:** Kindly bring a single poster with a maximum size: 3 ft × 3 ft for presenting your research work during the session.

| Abstract. No. | Name               | University/Intitute                                                                                                                      | Title                                                                                                                                                                  | Mode of Presentation |
|---------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| B -1          | Abhay Kumar Yadav  | Department of Agronomy, Shri Durga Ji Post Graduate College, Chandeshwar, Azamgarh                                                       | <i>Effects of Integrated Plant Nutrient Supply System (IPNS) on Growth, Yield And Performance of Rice (Oryza Sativa L.)</i>                                            | Poster               |
| B - 2         | Abhishek           | Department of Biochemistry, Faculty of Science, University of Allahabad, Prayagraj                                                       | <i>In Silico Identification of Novel Acetylcholinesterase Inhibitors for Alzheimer's Disease Using Integrated Docking, ADMET, and Molecular Dynamics Approaches</i>    | Poster               |
| B -3          | Abhishek Kumar     | Department of Biochemistry, University of Allahabad, Prayagraj                                                                           | <i>Mitochondrial and Neurochemical Alterations in the Hippocampus Following Combined Exposure to Cadmium and Lead in Rats</i>                                          | Poster               |
| B -4          | Abhishek Maurya    | Department of Soil Science and Agricultural Chemistry, Banda University of Agriculture and Technology, Banda                             | <i>Using the Rice Crop Manager tool to manage nutrients to improve fertilizer use efficiency</i>                                                                       | Poster               |
| B -5          | Akanksha Singh     | Department of Biochemistry, University of Allahabad, Prayagraj                                                                           | <i>Curcumin induces autophagy to alleviate oxidative stress and inflammation, promoting neuroprotection in senescent rats</i>                                          | Poster               |
| B -6          | Akshay Shukla      | Department of Biological Sciences, Faculty of Science & Environment Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot (MP) | <i>Identification of Japanese Encephalitis Virus RNA-Dependent RNA Polymerase Inhibitor using an Integrated Machine Learning and Structural Dynamics Approach</i>      | Poster               |
| B -7          | Amit Kumar Bundela | Institute of Environment & Sustainable Development, BHU, Varanasi                                                                        | <i>Nutritional and Biocultural Analysis of Pueraria tuberosa (Roxb. ex Wild.) DC.: A Wild and Lesser Utilized Edible for Dietary Diversification</i>                   | Poster               |
| B -8          | Amit Kumar Singh   | Department of Biochemistry, University of Allahabad, Prayagraj                                                                           | <i>Neuroprotective role of Dietary phenolic acid chlorogenic acid against arsenite-induced oxidative damage via modulation of Redox homeostasis and inflammation</i>   | Poster               |
| B -9          | Amit Kumar Singh   | Department of Botany, BMK Govt. Girls College, Balod, (Hem Chand yadav University Durg) Chhattisgarh                                     | <i>Lipidomic Profiling of Polar to Neutral Lipid Transformation during Nutrient Starvation: Insights for Biofuel Synthesis via Fluorescence Spectroscopy and GC-MS</i> | Poster               |
| B -10         | Amita Pandey       | Department of Botany, CMP Degree College, University of Allahabad, Prayagraj,                                                            | <i>Microalgae: A Game-Changer in the Fight against Environmental Degradation</i>                                                                                       | Poster               |
| B -11         | Anita Singh        | Department of Botany, C.M.P. Degree College, University of Allahabad, Prayagraj                                                          | <i>Microbial Bioremediation Potential of Selected Bacterial Isolates Against Metsulfuron-methyl in Agricultural Soil</i>                                               | Poster               |

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|-------|-----------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| B -12 | Anjali Chaurasia            | Shri Murli Manohar Town Degree College, Ballia                                                                         | <i>Drought-Resilient Agriculture for Cognitive Nutrition and Mental Health in Ballia District</i>                                                                            | Poster |
| B -13 | Ankita Dwivedi              | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar                                | <i>Neuroprotective Potential of Flavonoid against Cigarette Smoke Extract- Induced Neurodegeneration and Cognitive Decline in Zebrafish</i>                                  | Poster |
| B -14 | Anshika Singh               | Department of Agri-Bussiness Management, Chandra Shekhar Azad University of Agriculture, Kanpur                        | <i>Environmental models in the food chain: A review</i>                                                                                                                      | Poster |
| B -15 | Anurag rajput               | Department of Soil Science and Agricultural Chemistry, Banda University of Agriculture and Technology, Banda           | <i>Soil organic carbon dynamics in relation to soil–food web–human health continuum.</i>                                                                                     | Poster |
| B -16 | Anurag Singh                | Department of Soil Science and Agricultural Chemistry, Banda University of Agriculture & Technology, Banda             | <i>Application of Nitrogenous fertilizers using SSNM tools in Rice and Wheat crop to improve the food security chain</i>                                                     | Poster |
| B -17 | Ashish Singh                | VYT, Govt. PG College, Durg, Chhattisgarh                                                                              | <i>Network Pharmacology and Molecular Docking Reveal the Therapeutic Mechanisms of Tripterygium wilfordii – Trichosanthes kirilowii Decoction in Diabetic Kidney Disease</i> | Poster |
| B -18 | Astha Srivastava            | Department of Botany, CMP Degree College, University of Allahabad, Prayagraj                                           | <i>Survey of Algal Flora In Selected Habitats of Pratapgarh And Their Prospective Uses</i>                                                                                   | Poster |
| B -19 | Atindra Kumar Pandey        | Biochemistry & NCD Division, National Center for Disease Control (NCDC), Delhi                                         | <i>Artificial intelligence approaches to early identification and risk evaluation of non-communicable diseases (NCDs)</i>                                                    | Poster |
| B -20 | Bhagyajyoti Baral           | Department of Botany, Utkal University, VaniVihar, Bhubaneswar                                                         | <i>Genome-Wide Association Studies in Cyanobacteria: Uncovering Traits and Functional Genomics in Nostoc</i>                                                                 | Poster |
| B -21 | Bhawana Bissa               | Department of Biochemistry, Central University of Rajasthan,Rajasthan                                                  | <i>Decoding the subunit code of AMPK in Glioblastoma</i>                                                                                                                     | Poster |
| B -22 | Bilquis                     | Department of Human Development and Family Studies, College of Community Science, ANGRAU, Lam, Guntur, Andhra Pradesh. | <i>Effect of the Menopause transition on Cognitive Performance in Midlife Women</i>                                                                                          | Poster |
| B -23 | Brajesh K. Dwivedi          | Department of Applied Science & Humanties- Environmental Science KMCL University, Lucknow                              | <i>Integrating Water footprint assessment ((WFA) Hydrological approach in down stream river terrain</i>                                                                      | Poster |
| B -24 | Chandan Tripathi            | Department of Sociology, Raja Shankar Shah University, Chhindwara, MP                                                  | <i>Study on relevance of Ayurveda in modern occupational health</i>                                                                                                          | Poster |
| B -25 | Chandra Mauli Mishra        | Department of Sociology, Raja Shankar Shah University, Chhindwara, MP                                                  | <i>Importance of Indian Medicinal Plants to Cure Occupational Diseases</i>                                                                                                   | Poster |
| B -26 | Chandrama Prakash Upadhyaya | Department of Biotechnology, Dr Harisingh Gour Vishwavidyalaya, Sagar.                                                 | <i>Phytosterols from Asparagus racemosus and Dioscorea bulbifera as Potential Antioxidant, Antibacterial, and Antibiofilm Agents</i>                                         | Poster |

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| B -27 | Chandrama Prakash Upadhyaya | Department of Biotechnology, Dr Harisingh Gour Vishwavidyalaya, Sagar.                                                                              | <i>Formulation of Garlic Oil-Loaded Solid Lipid Nanoparticles for Enhanced Therapeutic Activity</i>                                                                               | Poster |
| B -28 | Chandrama Prakash Upadhyaya | Dept. of Biotechnology, Dr. Harisingh Gour University, Sagar                                                                                        | <i>Fabrication of Terpineol-Loaded Solid Lipid Nanoparticles and Their Antimicrobial Efficacy Against Pathogenic Microbes</i>                                                     | Poster |
| B -29 | Debabrata Dash              | Biochemistry Laboratory, Department of Zoology Dr. Harisingh Gour Vishwavidyalaya, Sagar                                                            | <i>Neuroprotective potential of Natrum sulphuricum and Natrum phosphoricum in alcohol- and acetaminophen-induced brain damage via modulation of the unfolded protein response</i> | Oral   |
| B -30 | Debashree Pradhan           | Department of Botany, Udayanath Autonomous College of Science & Technology, Adaspur, Cuttack                                                        | <i>Plant disease resistance genes: Current insights &amp; future perspectives</i>                                                                                                 | Poster |
| B -31 | Nitish Singh Jangwan        | Department of Pharmacognosy and Phytochemistry, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University, New Delhi | <i>Formulation and Bioanalytical Evaluation of Xanthohumol-Loaded Butyrosomes Utilizing a Novel Indigenous Lipid from Diploknema butyracea (Roxb.) H.J. Lam</i>                   | Poster |
| B -32 | Divya Gupta                 | School of Studies in Zoology, Jiwaji University, Gwalior                                                                                            | <i>Hesperidin Attenuates Acrylamide-Induced Testicular Dysfunction in Rats: Insights from Molecular Docking, Biochemical, and Histopathological Evaluations</i>                   | Poster |
| B -33 | Garima Stephen              | Department of Zoology, School of Biological Sciences, Dr Harisingh Gour Vishwavidyalaya (A Central University), Sagar                               | <i>Decoding Soil Fauna Response to Polyurethane Microplastics with Earthworms as Bioindicator</i>                                                                                 | Poster |
| B -34 | Gautam Kumar                | Department of Chemistry, Ewing Christian College, Prayagraj                                                                                         | <i>Effects of Cadmium- Contaminated Soil on Morphological, Physiological, and ROS Responses in Tomato Plants</i>                                                                  | Poster |
| B -35 | Goutam Sharma               | Animal Behaviour Unit, Department of Zoology, J.N.V. University, Jodhpur                                                                            | <i>Hanuman Langurs Life Threats and Conflicts: Man-Monkey Interactions and Conservation Challenges</i>                                                                            | Poster |
| B -36 | H. Akhila                   | Department of Human Development and Family Studies, ANGRAU, Lam, Guntur, Andhra Pradesh                                                             | <i>A Study on Smartphone Addiction and Personality Traits Among Young Adults</i>                                                                                                  | Poster |
| B -37 | Hadiya Husain               | Department of Zoology, Lucknow University, Lucknow                                                                                                  | <i>"Luteolin Protects Against Tin Oxide Nanoparticle-Induced Hepatic Injury by Modulating ROS and NF-κB Signaling"</i>                                                            | Poster |
| B -38 | Harvesh Kumar Rana          | Department of Zoology, Feroze Gandhi College, Raebareli                                                                                             | <i>"Exploring Morin Hydrate's Role in Combating Isoniazid-Induced Oxidative Stress and Inflammation in Liver and Kidney"</i>                                                      | Poster |
| B -39 | Jyotirmay Biswas            | Department of Sankara Nethralaya, College Road, Nungambakkam, Chennai                                                                               | <i>Histopathology, Immunohistochemistry, and Molecular Biology In Eviscerated And Enucleated Specimens of End-Stage Uvietic Diseases</i>                                          | Poster |
| B -40 | Kareti Srinivasa Rao        | Department of Pharmacy, Indira Gandhi National Tribal University, Amarkantak                                                                        | <i>Review on Drug-Resistant Bacteria: Current Treatment Strategies &amp; ; Future Perspectives</i>                                                                                | Poster |
| B -41 | Kartikey Mishra             | Department of Biotechnology Dr. harisingh Gour University Sagar                                                                                     | <i>In Silico Screening Of Phyto Compounds Targeting NS1 Protein Of Dengue Virus</i>                                                                                               | Poster |

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| B -42 | Kiran Singh          | Department of Zoology, School of Biological Sciences, Dr. Harisingh Gour, Vishwavidyalaya, Sagar             | <i>Investigation of antioxidant enzymes and neuro-biomarker with metabolomics in earthworm induced by microplastic pollution in soil ecosystem</i>                        | Poster |
| B -43 | Kirti Raje Singh     | Department of Botany, C M P Degree College, University of Allahabad, Prayagraj                               | <i>Microalgal bioassay of toxicity, physiology and chlorophyll content extraction caused by heavy metals accumulation</i>                                                 | Poster |
| B -44 | Kirti Raje Singh     | Phycology laboratory, Department of Botany, CMP Degree College, University of Allahabad, Prayagraj           | <i>Comparative analyses on carotenoids content in Phormidium sp and Oscillatoria sp on exposure to heavy metals</i>                                                       | Poster |
| B -45 | Krati Tiwari         | Faculty of Science and Environment, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna   | <i>Computational Screening and Molecular Dynamics Simulation of Flavonoids from Ocimum gratissimum as Potential Alpha-amylase Inhibitors for Type 2 Diabetes Mellitus</i> | Poster |
| B -46 | Krishan Kumar Sharma | MDS University, Ajmer, Rajasthan                                                                             | <i>Awareness and modern technologies of identification of snakes saves thousands of lives</i>                                                                             | Poster |
| B -47 | Laba Hembram         | Utkal University, Vani Vihar, Bhubaneswar, Odisha                                                            | <i>Precision Management of Crop Fields: A Comprehensive Review</i>                                                                                                        | Poster |
| B -48 | Lekhan Lodhi         | Department of Zoology, Gyanveer University, Sagar                                                            | <i>NMR-based Metabolomics: A Powerful Approach for Characterizing Developmental Changes in the Haemolymph Metabolome of Bombyx mori</i>                                   | Oral   |
| B -49 | M Jagadesh           | Tamil Nadu Agricultural University, Coimbatore                                                               | <i>Understanding Soil Carbon Processes: Discovering Carbon Turnover And Mineralization Pathways In Various Ecosystems of The Nilgiri Hills</i>                            | Poster |
| B -50 | Mimamsa Pandey       | Department of Soil Science and Agricultural Chemistry, Banda University of Agriculture and Technology, Banda | <i>Harnessing alternatives irrigation sources implications for soil health, food safety, and human well-being.</i>                                                        | Poster |
| B -51 | Mrinalini Singh      | Department of Botany, Agra College, Dr. Bhimrao Ambedkar University Agra                                     | <i>Effect of Thermal Power Plant Effluent and Fly Ash on the Growth and yield of Agricultural Crops: A Review</i>                                                         | Poster |
| B -52 | Neelam               | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya, Sagar                                             | <i>Osteoimmune Modulation by Arthrospira platensis in Hepatocellular Carcinoma: Implications for Cognition</i>                                                            | Poster |
| B -53 | Neha Yadav           | Cancer and Neurobiology Lab, Department of Biochemistry, Institute of Science, BHU, Varanasi                 | <i>Traumatic Brain Injury in Drosophila: Neuronal Dysfunction Leading to Cognitive and Memory Impairment</i>                                                              | Poster |
| B -54 | Nikhil Agnihotri     | Faculty of Science SKJD Degree College, Mangalpur, Kanpur Dehat                                              | <i>Utility of Azolla as Organic Compost on Various Medicinal Plants</i>                                                                                                   | Poster |
| B -55 | Nirmal Kumar         | Department of Zoology, School of Life Sciences, Dr. Bhimrao Ambedkar University, Khandari Cumpus, Agra       | <i>Carbendazim fungicide induced haematological, biochemical and histopathological changes to the liver and kidney of male albino rats (Rattus rattus)</i>                | Poster |

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| B -56 | Palak Kesharwani      | Department of Zoology, School of Biological Sciences, Dr. Harisingh Gour Vishwavidyalaya, Sagar                                  | <i>Deciphering the role of hepcidin in iron metabolism and anemia management</i>                                                                                                 | Poster |
| B -57 | Pallab Kanti Haldar   | Department of Pharmaceutical Technology, Jadavpur University, Kolkata                                                            | <i>LC-QTOF-HRMS-based metabolomic profiling of the mangrove plant Sonneratia apetala Banks and its anticancer and anti-inflammatory activities</i>                               | Poster |
| B -58 | Pankaj Srivastava     | Centre of Environmental Studies, University of Allahabad, Prayagraj,                                                             | <i>Carbon farming: A Nature based solution to achieve food security</i>                                                                                                          | Oral   |
| B -59 | Pooja Badoni          | Department of Zoology, DAV (PG) College, Dehradun, Hemvati Nandan Bahuguna Garhwal University (Central University), Uttarakhand. | <i>Molecular Phylogenetics of Pseudecheneis sulcata (SILURIFORMES: SISORIDAE) Infrared from Mitochondrial Cytochrome C Oxidase I</i>                                             | Poster |
| B -60 | Prashant Kumar        | Department of Soil Science and Agricultural Chemistry, Banda University of Agriculture and Technology, Banda                     | <i>Impact of chemical pesticides and wastewater on human health chain in Tomato (Solanum lycopersicum L.)</i>                                                                    | Poster |
| B -61 | Praveen Ojha          | Dept. of Zoology, Kishori Raman P.G. College, Mathura                                                                            | <i>Application of Computer In Fisheries Management, Development And Health Monitoring</i>                                                                                        | Poster |
| B -62 | Pravesh Kumar         | JSPH, O.P. Jindal University                                                                                                     | <i>Early Entry into Workforce and Cognitive Impairment in Later Life: Evidence from the Longitudinal Ageing Study in India (LASI)</i>                                            | Poster |
| B -63 | Prem Kumar Patel      | Research and Development Section, PFA Institute of Research, Prayagraj                                                           | <i>Widespread Impacts and Challenges of Climate Change on Healthy Brain Development in India</i>                                                                                 | Poster |
| B -64 | Priyanka Gupta        | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya , Sagar                                                                | <i>Toxicity and Antifeedant activity of Gibberellic acid (GA3) against Aak grasshopper Poekilocerus pictus (Orthoptera: Acrididae)</i>                                           | Poster |
| B -65 | R.B Singh             | Department of Zoology, School of Life Sciences, Dr. Bhimrao Ambedkar University, Khandari Campus, Agra                           | <i>Phytochemical, bioactive and pharmacological compounds used as antidiabetic, antioxidants, anticancer, antimycotic activities from Cassia javanica Linn. Plants</i>           | Poster |
| B -66 | R.C.Verma             | Department of Chemistry, Agra College, Agra                                                                                      | <i>CATHARANTHUS ROSEUS AS SPAGYRIC REMEDY</i>                                                                                                                                    | Poster |
| B -67 | Raghuveer Kumar Gupta | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar                                          | <i>Study on Inflammatory Response, Biochemical Profiling and Histopathological Alteration in Asian stinging catfish Heteropneustes fossilis Infested with Nematode parasites</i> | Poster |
| B -68 | Raj Kumar Koiri       | Department of Zoology, School of Biological Sciences, Dr. Harisingh Gour Vishwavidyalaya, Sagar                                  | <i>The Role of UPR in Microcystin-LR Induced Toxicity and the Potential Mitigating Effects of Coenzyme Q10</i>                                                                   | Poster |
| B -69 | Rajan Chaurasia       | Shri Murli Manohar Town Degree College, Ballia                                                                                   | <i>Agroecosystem Diversification for Sustainable Nutrition and Mental Well-Being</i>                                                                                             | Poster |
| B -70 | Rajtilak Shakya       | State Ghazipur Homoeopathic Medical College & Hospital, Ghazipur                                                                 | <i>Effectiveness of Stellaria media in the management of Rheumatoid arthritis: An observational case study</i>                                                                   | Poster |
| B -71 | Rajvir Singh Ojha     | Department Of Zoology, Raja Balwant Singh College, Agra                                                                          | <i>Yogasana as the Science of Human Life</i>                                                                                                                                     | Poster |

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| B -72 | Rakesh Kaushik       | ICAR-Central Institute for Research on Goats, Makhdoom, Farah, Mathura                                       | <i>Age-dependent expression and genetic variation of Heat Shock Factor 1 (HSF-1) in Indian goat breeds under heat stress conditions</i>                                                     | Poster |
| B -73 | Rashmi Singh         | Govt. Autonomous P.G. College, Satna                                                                         | <i>Documentation of Indigenous Traditional Medicinal Knowledge of tribal communities of Chitrakoot region of Satna (M.P.)</i>                                                               | Poster |
| B -74 | Rekha Sharma         | Department of Biosciences and Bioengineering, IIT, Guwahati, Guwahati                                        | <i>In silico insights into insecticidal and antiviral potential of Karanjin from Pongamia pinnata</i>                                                                                       | Poster |
| B -75 | Roshni Rajpoot       | Biochemistry Laboratory, Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya, Sagar                    | <i>The role of coenzyme Q10 in counteracting Microcystin-LR-induced oxidative stress and cardiac dysfunction</i>                                                                            | Poster |
| B -76 | S. Arshiya Fathima   | Department of Human Development and Family Studies, ANGRAU, Lam, Guntur, Andhra Pradesh                      | <i>Behavioral and Emotional Difficulties Linked to Smartphone Addiction in Children</i>                                                                                                     | Poster |
| B -77 | Sakshi Jaiswal       | Department of Biochemistry, University of Allahabad, Prayagraj                                               | <i>Appetite modulator Quercetin enhances antioxidant defence and neuroprotection in induced aging Rat model</i>                                                                             | Poster |
| B -78 | Sakshi Mishra        | Department of Soil Science and Agricultural Chemistry, Banda University of Agriculture and Technology, Banda | <i>Impact of adulterations in mustard oil inducing human health risks</i>                                                                                                                   | Poster |
| B -79 | Sakshi Sharma        | Department of Biotechnology, Hidnustan College of Science and Technology, Farah, Mathura                     | <i>Genotyping of the KISS 1 Gene in Bundelkhandi Goats Using HRM Analysis</i>                                                                                                               | Poster |
| B -80 | Samiran Panja        | Department of Biosciences and Bioengineering (BSBE), IIT Guwahati, Assam                                     | <i>Geographical mapping of black rice from Assam and Manipur using IRMS &amp; ICP-MS</i>                                                                                                    | Poster |
| B -81 | Sandhya Kumari       | Department of Biochemistry, Institute of Science, BHU, Varanasi                                              | <i>Multi-Targeted Neuroprotective Effects of Diosmin in an Aβ42-Induced Drosophila Model of Alzheimer's Disease</i>                                                                         | Poster |
| B -82 | Sankar Narayan Sinha | Department of Botany, University of Kalyani, Kalyani, West Bengal                                            | <i>Effect of Gut Microflora on Behaviour and Development of Human Brain</i>                                                                                                                 | Poster |
| B -83 | Sankar Narayan Sinha | Department of Botany, University of Kalyani, Kalyani, West Bengal                                            | <i>Lichens – A Promising Plant For Neurodegenerative Disease Treatment</i>                                                                                                                  | Poster |
| B -84 | Sankar Narayan Sinha | Department of Botany, University of Kalyani, Kalyani                                                         | <i>A concise review on Bacopa monnieri L : A neuroprotective and cognitive-enhancing plant</i>                                                                                              | Poster |
| B -85 | Satendra Kumar       | Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut                                    | <i>Comparative study of moisture dynamics in the soils of two different sugarcane-based cropping system (viz – intercropping and sole) in Western Indo-Gangetic plains of Uttar Pradesh</i> | Poster |

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| B -86 | Seema Mishra       | Department of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad                                                  | <i>An innovative machine learning-based QSAR approach for prediction and structural analysis of novel/repurposed acid ceramidase (ASAH1) inhibitors for glioblastoma therapy</i> | Poster |
| B -87 | Seema Mishra       | Department of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad                                                  | <i>Interrogating LncRNA Interactions with mRNAs and Protein in Pan-Cancer Gene Expression and Drug Sensitivity Regulation using Systems Biology Approaches</i>                   | Poster |
| B -88 | Seema Mishra       | Department of Biochemistry, School of Life Sciences, University of Hyderabad                                                             | <i>Machine Learning-Based QSAR in Designing of Novel/Repurposed Drug Candidates against Acid Ceramidase in Glioblastoma</i>                                                      | Poster |
| B -89 | Sharad Srivastava  | Pharmacognosy division, CSIR-National Botanical Research Institute, Lucknow-                                                             | <i>Variability in biologically active labdane diterpene and its isomer in Coleus forskohlii (Briq.) germplasm collected from natural locations of Western Himalayas, India</i>   | Poster |
| B -90 | Shashank Shakyawal | Gyan Sagar College of Education, Rani Avanti Bai Lodhi University Sagar                                                                  | <i>Evaluation of the Protective Effects of Glycyrrhizin on UVB-Induced Testicular Oxidative Stress Associated with Hyperthyroidism</i>                                           | Poster |
| B -91 | Sheo Mohan Prasad  | Department of Botany, University of Allahabad, Prayagraj                                                                                 | <i>Melatonin alleviates chromium toxicity on PS II photochemistry and nitrogen metabolism in two paddy field cyanobacteria: an implication of nitric oxide</i>                   | Poster |
| B -92 | Tajammul Husain    | Department of Botany, University of Allahabad, Prayagraj                                                                                 | <i>Ethylene and hydrogen sulfide mitigate chromium toxicity in two pulse crops by regulating sulfur assimilation, proline metabolism and oxidative stress markers</i>            | Poster |
| B -93 | Shikha Arora       | Department of Botany, University of Allahabad, Prayagraj                                                                                 | <i>Regulatory role of hydrogen sulfide and brassinosteroid in tomato seedlings exposed to acetamiprid: Assessment of oxidative damage and antioxidant system</i>                 | Poster |
| B -94 | Shilpi Tripathi    | Department of Physical Sciences, Faculty of Science & Environment Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna | <i>Phytochemical Screening of Some Medicinal Plants of Rutaceae Family</i>                                                                                                       | Poster |
| B -95 | Shing Y Chiu       | Department of Neuroscience, School of Medicine and Public Health, University of Wisconsin–Madison, Madison, Wisconsin                    | <i>A Novel Mechanism for Tauopathy in Progressive Multiple Sclerosis: Excitotoxic Misplacement of a Mitochondrial Anchor into Dendrites Driven by Tau-hyperphosphorylation</i>   | Poster |
| B -96 | Shirisha Nagotu    | Department of Biosciences and Bioengineering, IIT Guwahati, Guwahati                                                                     | <i>Mechanistic Insights into Parkinson's Disease: The Interplay of <math>\alpha</math>-Synuclein, Dnm1, and Actin in Mitochondrial Dysfunction</i>                               | Poster |

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| B -97  | Shirisha Nagotu             | Department of Biosciences and Bioengineering, Indian Institute of Technology Guwahati, Guwahati                                  | <i>Role of mitochondria-peroxisome tether proteins in the pathogenesis of Parkinson's Disease</i>                                                                                                | Poster |
| B -98  | Shirisha Nagotu             | Department of Biosciences and Bioengineering, IIT Guwahati, Guwahati                                                             | <i>Organelle Architectural Remodelling in VPS35 Deletion Strain: Insights Into the Mitochondria–Peroxisome–Vacuole Axis</i>                                                                      | Poster |
| B -99  | Shivam Kumar Kori           | School of Pharmacy, Gyanveer University, Mara Imaliya, Sagar                                                                     | <i>Synthesis, Biological Evaluation And In-Silico Analysis of Some Novel Nitrogen-Containing Heterocyclic Compounds</i>                                                                          | Poster |
| B -100 | Shivangi Sharma             | Department of Chemistry, Dr. Bhimrao Ambedkar University, Agra                                                                   | <i>Phytofabrication of copper oxide nanoparticles and their antifungal activity against plant pathogenic fungi</i>                                                                               | Poster |
| B -101 | Shivesh Pratap Singh        | Department of Zoology, Govt. P.G. Autonomous College, Satna                                                                      | <i>Eco-behavioral and conservation of highly provisioned focal troops of Rhesus macaque and Hanuman Langur from some habitats of Satna district of Madhya Pradesh .</i>                          | Poster |
| B -102 | Shweta Yadav                | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya, A Central University, Sagar                                           | <i>Eugenol loaded Chitosan Nanoparticles in Allergic Airway Inflammation: Metabolomic Profiling and Pathway Regulation of N-kB p65 and HDAC through In Vivo and In Silico Approaches</i>         | Poster |
| B -103 | Siddhant Saha               | Applied Biodiversity Laboratory, Department of Biosciences and Bioengineering, IIT, Guwahati, Guwahati                           | <i>Genome-to-Proteome pipeline for Mesua ferrea reveals enzymatic and structural components of seed oil accumulation</i>                                                                         | Poster |
| B -104 | Singh Ankit Satyaprakash    | Department of Biochemistry, Institute of Science, BHU, Varanasi                                                                  | <i>Oxidative Stress-Induced <math>\alpha</math>-Synuclein Acetylation Promotes Neurodegeneration in a Mouse Model of Post-Traumatic Parkinsonism</i>                                             | Poster |
| B -105 | SL Kothari                  | Amity Center for Nanobiotechnology and Nanomedicine (ACNN), Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur | <i>Ayurvedic formulation of kachnar (Bauhinia variegata)-Derived Hemocompatible Gold, Silver and Bimetallic Nanozymes: A Synergistic Approach for Targeting Oxidative Stress in Brain Cancer</i> | Poster |
| B -106 | Sneha Bibyan                | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar, Madhya Pradesh                          | <i>From Cosmetics to Neurotoxicity: Investigating Diethyl Phthalate and the Amelioration Action of Genistein</i>                                                                                 | Poster |
| B -107 | Srivatsan Seergazhi Gopalan | Indian Institute of Science Education and Research (IISER), Pune                                                                 | <i>Probing pathogenic nucleic acid motifs using functionalized nucleoside toolbox</i>                                                                                                            | Poster |
| B -108 | Sruteedhara Sarmah          | Department of Biotechnology, Hidnustan College of Science and Technology, Farah, Mathura                                         | <i>Genotyping of the Growth Hormone Gene in Jakharana Goats Using HRM Analysis</i>                                                                                                               | Poster |
| B -109 | Sudheer Kumar               | State Ghazipur Homoeopathic Medical College; Hospital, Ghazipur                                                                  | <i>Role of Homoeopathic medicine in management of Spermatorrhoea – An Observational case study</i>                                                                                               | Poster |
| B -110 | Sudhi Shrivastava           | Department of Zoology, CMP College, Shyama Prasad Mukherjee Govt. P.G. College, University of Allahabad, Prayagraj               | <i>Unique Topography of The Avian Arcopallium associated with Sophisticated Behaviour</i>                                                                                                        | Poster |



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| B -111 | Sudhi Shrivastava  | Department of Zoology, CMP College University of Allahabad, Prayagraj                                                 | <i>Decoding Neuroprotection: A Translating Journey from phytochemical-based effective therapies for Neurodegeneration.</i>                                          | Poster |
| B -112 | Sudhi Shrivastava  | Department of Zoology, CMP College, University of Allahabad, Prayagraj                                                | <i>Avian Pallium for Understanding Neuronal Correlates of Cognition in Bird Brain</i>                                                                               | Poster |
| B -113 | Sumit Behera       | Department of Biotechnology Dr. Harisingh Gour University Sagar                                                       | <i>Saponin extraction from fenugreek seed: A practical study on its antioxidant and antimicrobial properties</i>                                                    | Poster |
| B -114 | Surbhi Chourasiya  | Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya Sagar M.P.                                                  | <i>Unraveling the Molecular Mechanisms of Bacopa monnieri's Neuroprotective Effects in Hypothyroidism-Induced Neurodegeneration</i>                                 | Poster |
| B -115 | Tapan K. Chaudhuri | Kusuma School of Biological Sciences, Department of Chemistry, Indian Institute of Technology Delhi, New Delhi 110016 | <i>A potential intervention to the Dialysis-related amyloidosis (DRA) using peptidomimetic-based strategy</i>                                                       | Oral   |
| B -116 | Tapas C Nag        | Department of Anatomy, All India Institute of Medical Sciences, New Delhi, India                                      | <i>Cell loss in aged human peripheral retina: role of apoptosis</i>                                                                                                 | Oral   |
| B -117 | Umesh Kumar        | Department of Botany, University of Allahabad, Prayagraj                                                              | <i>Impact of chlorpyrifos on photosynthesis and oxidative stress in brinjal seedlings: Implication of signalling molecules GABA and NO on toxicity amelioration</i> | Oral   |
| B -118 | Vivek Kumar        | Department of Biotechnology, Dr Harisingh Gour Vishwavidyalaya, Sagar.                                                | <i>Utilization of Aloe Vera (Aloe Barbadensis Miller) Extract As A Natural Growth Enhancer In a Potato (Solanum Tuberosum) Tissue Culture</i>                       | Poster |