

**39<sup>th</sup> M.P. Young Scientist Congress & Science Festival - 2024**

**M.P. Council of Science and Technology**  
Vigyan Bhawan, Nehru Nagar, Bhopal (M.P.), 462003

**HOSTED BY**  
**Madhav Institute of Technology & Science**  
(A Government Aided UGC Autonomous Institute, Affiliated to R.G.P.V. Bhopal)  
NAAC Accredited With A++ Grade  
Gwalior (M.P.), 474005




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**Technical Session 1**

**Date: 21.02.2024 [02:00 PM - 03:45 PM]**

**Technical Session 2**

**Date: 21.02.2024 [04:00 PM - 06:00 PM]**







Track 1 Discipline: Agricultural Sciences				VENUE		Track 1 Discipline: Agricultural Sciences				VENUE	
1	39286	AJITA GUPTA	IoT-enabled digital Lysimeter for crop evapotranspiration estimation and judicious irrigation scheduling	Seminar Hall - I [Faculty-in-Charge: Mr. Shyamveer 7987533818 Student Member: Ms. Pranjal Deshmukh]		7	39251	RAHUL MISHRA	Study on micronutrients in soil-human continuum in Madhya Pradesh	Seminar Hall - I [Faculty-in-Charge: Mr. Shyamveer 7987533818 Student Member: Ms. Pranjal Deshmukh]	
2	39128	BABITA BAGHEL	Market Arrival and price behaviour of Kharif Oilseed Crops in Madhya Pradesh State of India			8	39337	SALONI MANDLOI	Characterization of Colletotrichum truncatum associated with soybean anthracnose disease in soybean growing regions of Madhya Pradesh		
3	39243	KUNDAN KUMAR	Unravelling Salinity Tolerance in Wheat Genotypes: An Integrated Study of Germination, and morpho-physiological Approach under NaCl Stress Conditions			9	39296	SHALINI CHATURVEDI	Effect of Farm Mechanization of Millet Cultivation in Tribal Region of Madhya Pradesh State of India		
4	39476	POOJA SHARMA	Microbial biodiversity of soil in Dalbergia sissoo – rice based agroforestry system			10	39366	SUVIDHA MISHRA	Impact of Pulse Magnetic Field Treatment on Drought-Stressed Wheat Genotypes		
5	39379	PRAGYA SINGH	Effect of Micronutrients and Bioinoculants on Physiological and Yield Parameters of Chilli (Capsium annumL.)			11	39456	SWARNA KURMI	Antifungal activity of essential oils on the growth of wilt pathogen Fusarium oxysporum f. sp. pisi		
6	39114	PRINCE MAHORE	Studies on shoot & fruit borer (L. orbonalis) of brinjal (S. melongena L.) with special reference to their management			12	39267	VIKAS POONIA	Seasonal Occurrence, Trend, Intensification Rate and Drivers of Flash Drought and its impact on terrestrial ecosystem over India		
Track 2 Discipline: Chemical Engineering				VENUE		Track 2 Discipline: Electrical & Electronics Engineering				VENUE	
1	39389	MADHVI TIWARI	Tailoring Pickering Double Emulsions by in Situ Particle Surface modification	Seminar Hall - II [Faculty-in-Charge: Ms. Pooja Tripathi 9399256664 Student Member: Ms. Saloni Srivastava]		1	39365	ABHINAV MAHAPATRA	Textile-Integrated MoS2-PDMS Single Electrode Triboelectric Nanogenerator for Vibrational Energy Harvesting and Biomechanical Motion Sensing	Seminar Hall - II [Faculty-in-Charge: Ms. Pooja Tripathi 9399256664 Student Member: Ms. Saloni Srivastava]	
2	39380	MANJU NAGAR GALODIYA	Immobilization of Enzymes on Functionalized Cellulose Nanofibrils for Bioremediation of Antibiotics: Degradation Mechanism, Kinetics, and Thermodynamic Study			2	39367	KRITIKA BANSAL	Reliable Control of an Autonomous Vehicle under cyber-attacks and time-delay		
3	39153	MANOJ GOSWAMI	Growth of CuS Nanowire Array on Cu-foam for the Fabrication of Binder and Additive Free Anode Electrode for Na-ion capacitor			3	39304	MANSHREE MISHRA	Conformal CDRA Phased Scanning Array for X band Applications		
4	39363	PANKAJ KUMAR	Development of Sulfonated Poly (vinyl alcohol) / MoS2-Based Robust Composite Proton Exchange Membranes with Higher Selectivity			4	39264	MAYANK DUBEY	IoT-enabled Soil Health Monitoring System for Sustainable Farming		
5	39360	ROOP SINGH LODHI	Bioinspired Nanocomposites of Sodium Carboxymethylcellulose and Polydopamine-Modified Cellulose Nanocrystals for UV-Protective Packaging			5	39390	PRASHANT DWIVEDI	OOK Modulated Cooperative VLC System		
6	39139	SANTOSH KUMAR	Double-slot Nanophotonic Platform for Optically Accessible Resistive Switching with High Extinction Ratio and High Endurance	6	39139	SANTOSH KUMAR	Double-slot Nanophotonic Platform for Optically Accessible Resistive Switching with High Extinction Ratio and High Endurance				
7	39473	SHWETA SINGHAI	Integrated Renewable Energy Solution for Remote Areas-Smart Micro Grid based Electric Vehicles	7	39473	SHWETA SINGHAI	Integrated Renewable Energy Solution for Remote Areas-Smart Micro Grid based Electric Vehicles				
Track 3 Discipline: Computer Science Engineering and Information Technology				VENUE		Track 3 Discipline: Computer Science Engineering and Information Technology				VENUE	
1	39474	AASHI SINGH BHADOURIA	Integrating Machine Learning and Deep Learning Approaches for Accurate Diagnostic Prediction of Migraine and Post-Traumatic Headache Patients	Seminar Hall - VIII [Faculty-in-Charge: Dr. Yashwant Sawle 9575005868 Dr. Jyoti Vimal Student Member: Ms. Soumya S. Parihar]		6	39145	HARSHITA JAIN	A novel approach for forecasting and revealing unseen determinants of Juvenile Delinquency	Seminar Hall - VIII [Faculty-in-Charge: Dr. Yashwant Sawle 9575005868 Dr. Jyoti Vimal Student Member: Ms. Soumya S. Parihar]	
2	39288	ADITYA ANSHUL	Exploration of Obfuscated Functional Trojan-Resistant Image Processing Filter Hardware Intellectual Property (IP) Designs			7	39298	NARENDRA SINGH DHAKAD	In-Memory Computing Architecture for Edge AI Aware Systems		
3	39343	BHAVANA SINGH	Detection of Diabetic Foot Ulcers Using Optical Flow Based CNN Framework			8	39371	PRIYA SINGH	Frequency Matters: Assessing the Impact of Data Frequency and Noise on LSTM Predictive Modelling in Stock Markets		
4	39372	BHAWANA LAKHANI	Employing Deep Learning for Data Authentication and Error Correction in Massive Industrial Cyber Physical Systems			9	39238	SHUBHANGI CHATURVEDI	Vision Transformer based Lightweight Smoke Detection Model for Normal and Challenging Environment		
5	39364	GARIMA MATHUR	Design and Implementation of an efficient DNA classifier for disease prediction								

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Track 4 Discipline: Chemical Sciences				VENUE		Track 4 Discipline: Chemical Sciences				VENUE	
1	39120	AAKASH WAGHMARE	Highly Efficient Solar Light Driven Photocatalytic Activity of Polythiophene Nanoparticle for Degradation of Crystal Violet Dye from Aqueous Solution	Seminar Hall - V [Faculty-in-Charge: Ms. Surbhi Gupta 8962317450  Student Member Mr. Ankush Babu Swarnkar]		9	39121	MANAS KUMAR PRADHAN	Enzymatic Dimerization-Induced Self-assembly of Alanine-Tyramine Conjugates into Versatile, Uniform, Enzyme-Loaded Organic Nanoparticles	Seminar Hall - V [Faculty-in-Charge: Ms. Surbhi Gupta 8962317450  Student Member Mr. Ankush Babu Swarnkar]	
2	39460	AMAN KAKNE	Visible-active silver phosphate nanoparticles with optimization of annealing temperature for efficient degradation of various dyes and roles of different scavengers			10	39287	RAKHI SURYAVANSHI	"Fabrication of Silica Nanoparticles (SiNPs) and the Effect of Precursor Tetraethoxysilane (TEOS) concentration on fabrication process"		
3	39311	AYUSHI SINGHAL	Molecularly Imprinted Polymer-based Plastic Antibodies for the Electrochemical Detection of Bisphenol-A: Robust and Economical Approach to Screen Environmentally Hazardous Substance			11	39377	RASHMI CHOUBEY	Synthesis of nanocomposites of Silver Hydroxyapatite (AgHAP) reinforced Poly (ε-caprolactone)-Poly (methyl methacrylate) and its characterizations		
4	39268	BARSHA CHAKRABORTY	Polarity Under Arrest: From Simultaneous Dual Organelle Targeting to Track Ferroptosis via a Two-Photon Active Dioxaborine Probe			12	39270	RISHABH AHUJA	Chiral Harmony Mediated Mechanoresponsive Hydrogelators with Synergistic Antibacterial Performances: A Potential Therapeutic for Dermal Wound Healing		
5	39340	CHANDANI UPADHYAY	Multifaceted Characterization of Curcumin Metal (Copper) Complexes and Nanoparticles: Insights from UV-VIS, FTIR, and XRD Analyses			13	39314	ROMICA JAIN	L-Aspartic Acid Crosslinked Chitosan Functionalized Magnetic MWCNT as Supporter for Anchoring Ni <sup>2+</sup> NPs Catalyzed Green and Sustainable Synthesis of Fused 1H-Benzo[4,5]Imidazo[1,2-b][1,2,4]Triazepine Scaffolds: Screening of their In Silico Activity and DFT		
6	39313	DIVYA JAT	Synthesis of Novel Polysubstituted Oxazole via Tandem Oxidative Cyclization Pathway Catalyzed by CuNiFe <sub>2</sub> O <sub>4</sub> @Lys-GO			14	39265	ROSHNI JOSHI	Synthesis, Characterization of Fe- doped BiOCl nanocomposite for the remediation of textile dye – A Green Technique		
7	39133	HIMANSHI DHYANI	Degradation of scheduled chemicals over activated carbon fabric functionalized with UiO-66 (Zr-MOF)								
8	39308	KAMINI VISHWAKARMA	ab initio modeling of hydrogen bonding of remdesivir and adenosine with uridine								
Track 5 Discipline: Home Science				VENUE		Track 5 Discipline: Earth and Atmospheric Sciences				VENUE	
1	39431	ANJALI RANA	Studies on development and acceptability of fiber enriched instant pancake mix	Seminar Hall - IX [Faculty-in-Charge: Mr. Ashish Shukla 9685400436  Student Member: Ms. Tanishka Kansal]		1	39310	ALKA RANI	Agricultural Drought Assessment over Madhya Pradesh using remote sensing – based Composite Drought Index	Seminar Hall - IX [Faculty-in-Charge: Mr. Ashish Shukla 9685400436  Student Member: Ms. Tanishka Kansal]	
2	39445	APARNA SINGH	Development of Gluten Free Finger Millet Noodles incorporating Lepidium sativum L. seed gum			2	39312	MIDHUN MURUKESH	Statistical Downscaling of Gridded Precipitation across India using Super-resolution Generative Adversarial Network (SRGAN)		
3	39428	PRIYANKA ANIL SINGH	Proximate composition and acceptability of wheat bread enriched with barnyard millet and foxtail millet.			3	39451	PRIYANKA ONKER	Geology, Petrology and Geochemistry of Meso to Neoproterozoic Sandstones of the Vindhyan Supergroup from the Murwara area, Katni District, Madhya Pradesh: Implications for depositional environment and provenance.		
				4	39122	RASHMI SINGH GAHARWAR	SAND MINING: SAPPING THE SONE RIVER – A CASE STUDY OF UMARIA DISTRICT				
				5	39119	SHIVUKUMAR RAKKASAGI	Quantifying risk associated with extreme rainfall events for Ramsar wetlands surrounding smart cities in India				
Track 6 Discipline: Civil Engineering				VENUE		Track 6 Discipline: Civil Engineering				VENUE	
1	39472	AMAR GURJAR	EXPERIMENTAL STUDY ON SELF-COMPACTING CONCRETE DESIGN USING SOYBEAN STRAW ASH AND MARBLE POWDER UNDER CYCLIC LOADING.	Seminar Hall - X [Faculty-in-Charge: Ar. Satyam Shukla 94069-87708  Student Member: Shreya Sharma]		8	39439	MANSI SUNIL DAYMA	Advancing River Rejuvenation In situ Remediation Technology Development for the Kahn River	Seminar Hall - X [Faculty-in-Charge: Ar. Satyam Shukla 94069-87708  Student Member: Shreya Sharma]	
2	39125	GYANESH PATNAIK	Multilayer hybrid composite panels under impact loading			9	39412	MOHINI NAYAK	COMPARE THE PERFORMANCE OF MIXED BUILDING SYSTEM FRAME-WALL ANALYSIS SUBJECTED TO SEISMIC CONDITION		
3	39321	KAJOL KANKANE	Evaluation of Dispersion and Physical Performance of RGO and GNP Modified Asphalt Binder			10	39388	PALLAVI GUPTA	Impact of ZYCOTHERM Additive on the Performance of Unmodified Bitumen and Bituminous Concrete Mixes		
4	39258	KAMAL SHARMA	Fuzzy Logic based Framework for Prediction of Performance of Flexible Road Pavement in India			11	39323	SHUDDHASHIL GHOSH	Estimation Of Pervious Concrete Air Voids Using 2D Image Analysis And Unfolding Technique		
5	39176	KULDEEP SINGH RAUTELA	Detection and Prediction of Aerosol Atmospheric Rivers (AARs) using Spatio-Temporal AAR Availability Prediction Model (ST-AARAPM)			12	39475	SONAL RAJKUMAR RAMTEKKAR	Experimental Study Of Light Weight Concrete Manufacture Using Recycle Waste Plastic Aggregate, Fly Ash and Silica Fumes-Part-1		
6	39178	KUNAL GUPTA	Integrating Real-time Sensor Data for Improved Hydrogeotechnical Modelling in Landslide Early Warning in Western Himalaya			13	39309	SOURABH CHOUDHARY	An Integrated Approach to Evaluate Creep Characteristics of Problematic Montmorillonitic Clay Soil Improved by DCM Technique		
7	39407	LAKSHITA GUPTA	Green building evaluation through EDGE building Application								

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Track 7 Discipline: Mechanical Engineering				VENUE		Track 7 Discipline: Mechanical Engineering				VENUE	
S.No.	Unique ID					S.No.	Unique ID				
1	39225	ABHIMANYU BHARDWAJ	Design and development of non-metallized feed-through	<b>Seminar Hall - VI</b> <b>[Faculty-in-Charge:</b> <b>Mr. Prateek Bhaduria</b> <b>95898-82586</b> <b>Student Member:</b> <b>Ms. Khushi Sonare]</b>		8	39206	KIRTAN KUMAR SAHU	Effect of Plastic Behaviour and Initial Imperfection on Buckling Load Capacity of Two-Stage Hydraulic Cylinder		
2	39157	AMAN SINGH RAJPOOT	Experimental Assessment of Energy, Exergy, Entropy, Emission and Sustainability Aspects of a Diesel Engine with Microalgae Biodiesel, Titanium Oxide (TiO <sub>2</sub> ) Nanoparticles and Oxy Hydrogen (HHO) Gas			9	39147	PRATEEK UPADHYAY	Design and analysis of flutter based piezoaeroelastic energy harvester subjected to stochastic vibration.		
3	39353	ANSARI MOHD FARHAN MOHD SALEEM	In-situ development of high entropy alloy coating on stainless steel by TIG arcing			10	39370	RAHUL KUMAR CHOUBEY	EXPERIMENTAL AND NUMERICAL INVESTIGATION ON PRINTING Al5356 ALLOY USING A NOVEL EXTRUSION-BASED METAL ADDITIVE MANUFACTURING SYSTEM USING INDUCTION HEATING		
4	39220	ARPIT KUMAR SINGH	Development of ZnO Ceramic based Piezo-Tribo Hybrid Nanogenerator using Laser $\mu$ -3D printing for sustainable Energy harvesting from Flag Fluttering			11	39195	RASHMI YASHWANT SAWANT	Dynamic Performance Assessment of Blast Resistant Hybrid Composite Honeycomb Sandwich Panels		
5	39232	DEEPAK KUMAR	Effect of High-Entropy Alloy Nanoparticles on Microstructural and Mechanical Properties of the AA7150 Matrix Based Nanocomposite			12	39438	SHALINI DWIVEDI	Assessing the Explosion Risk of Metal Powder in Additive Manufacturing		
6	39229	HIMANSHU PACHORI	Thermohydraulic performance analysis of a solar air heater with V-shape artificial roughness			13	39158	VIVEK PANDEY	Effect of sintering temperature and composition on sliding wear and micro structural property of Al-Cu metal matrix composite		
7	39411	JEET VISHWAKARMA	Novel Heat/Fire Alarm Systems Based on Hybrid Technology								
Track 8 Discipline: Pharmaceutical Sciences				VENUE		Track 8 Discipline: Pharmaceutical Sciences				VENUE	
S.No.	Unique ID					S.No.	Unique ID				
1	39236	AARYA SAHAY	Phytochemical loaded and unloaded nanocomposites in diabetic wound healing- A comparative study	<b>Faculty Resource Centre [FRC]</b> <b>[Faculty-in-Charge:</b> <b>Dr. R.K. Dubey</b> <b>94746-00968</b> <b>Student Member: Ms. Suhani Jhawar]</b>		9	39382	NIKUNJ AGARWAL	FORMULATION DEVELOPMENT AND EVALUATION OF COLON TARGETED HYDROGEL BEADS OF	<b>Faculty Resource Centre [FRC]</b> <b>[Faculty-in-Charge:</b> <b>Dr. R.K. Dubey</b> <b>94746-00968</b> <b>Student Member: Ms. Suhani Jhawar]</b>	
2	39294	ANAMIKA JAIN	Molecular Docking Analysis of endoxifen-tripeptides conjugates for improving efficacy in the treatment of breast cancer			10	39301	POOJA DAS BIDLA	Dual targeting liposomes for brain tumor specific chemotherapy		
3	39466	ANKITA DUBEY	Design and development of ocular in-situ gel of acyclovir			11	39253	PRAKHAR NEMA	Antidepressant effect of P38MAPkinase inhibitor in stressed and unstressed condition		
4	39248	ARPANA PUROHIT	Integrated Theranostic Approach: Surface-Modified Nano Constructs for Breast Cancer Treatment and Computational Insights through Computer Vision and Machine Learning for Predictive Modelling of Intracellular Anticancer Drug Delivery			12	39383	PUJA KUMARI	Comparative analysis of the Pharmacological Evaluation of plant Extract Assessing on Rheumatoid arthritis in Experimental rats.		
5	39341	ATUL KUMAR	Evaluating the membrane interactions of a potent Antimicrobial Peptide through MD simulation strategies			13	39241	RASHMI RAWAL	Isolation of Iridoid (11-methylxoside) from stem bark and isolation of $\beta$ sitosterol from leaves of plant <i>Catunaregam spinosa</i> (Thunb.)		
6	39295	DAMODAR AHIRWAR	Preparation and characterization of aminoacid functionalized nanocellulose for peptide delivery			14	39415	RINKI VISHWAKARMA	DESIGN, DEVELOPMENT AND EVALUATION OF INSULIN LOADED MICROSPHERES FOR ORAL DELIVERY		
7	39154	DEVYANI RAJPUT	Development and evaluation of crocetin loaded nanogel for the treatment of skin cancer			15	39109	RITIKA SAHU	Ligand based pharmacophore identification, molecular dynamics simulation and in vitro in vivo validation of ECBD compounds against DPP-IV as anti- diabetic agents		
8	39162	MONIKA VISHWAKARMA	Artificial Neural Network assisted optimization of electrospun nanofibers with charge decorated anticancer drug bearing nanocarrier system for the treatment of skin cancer								
Track 9				VENUE		Track 9				VENUE	
S.No.	Unique ID					S.No.	Unique ID				
1	39435	MOHAMMAD ABUBAKAR SADIQUE	An Electrochemical Sensor Enhanced by MnO <sub>2</sub> Nanoparticles for the Rapid and Precise Detection of Microplastics	<b>Seminar Hall - III</b> <b>[Faculty-in-Charge:</b> <b>Dr. Vikram</b> <b>94665-00027</b> <b>Student Member:</b> <b>Ms. Ishita Sharma]</b>		6	39112	TANMAY VYAS	Chemical thin film-based sensors of Carbon Quantum Dots (CQDs)-Dithizone for the detection of lead heavy metal ions in water matrices	<b>Seminar Hall - III</b> <b>[Faculty-in-Charge:</b> <b>Dr. Vikram</b> <b>94665-00027</b> <b>Student Member:</b> <b>Ms. Ishita Sharma]</b>	
2	39190	NETRAPAL SINGH	Quantitative Surface-Enhanced Raman Spectroscopy Detection of Bisphenol A Using Electrochemical Three-Dimensional (3D) Printed Gold Nanoparticles			7	39148	UTKARSH BARANWAL	Corn-cob-Based Adsorbent for Cost-Effective Fluoride Removal: Experimental Assessment and Kinetic Modeling		
3	39150	PRIYA RANI	Elucidation of peptide screen for targeted identification of <i>Yersinia pestis</i> in soil			8	39242	VARSHA PARMAR	MECHANICAL ACTIVATION OF PETCOKE FLY ASH FOR PRODUCTION OF GREEN PELLETS AS SUSTAINABLE MATERIAL		
4	39140	RAVEENA DHORE	Thermogravimetric analysis (TGA) based estimation of Polytetrafluoroethylene (PTFE) degradation percentage and predicting Teflon pan lifespan <sup>7</sup>			9	39463	VIDHI RAGHUVANSHI	Temple to Chunri _Part I: Optimization of Dye extraction from Flower (Hibiscus) waste in aqueous medium		
5	39159	SONAL SINGH	Effect of Neem Biochar on Phytoremediation of Cadmium from Industrial soil by Brassica juncea varieties			10	39200	VIJAY VIRENDRA JAIN	Multi-Hazard Assessment for Indian Key Biodiversity Regions		

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Track 10				Track 10							
S.No.	Unique ID	Discipline: Veterinary Science and Animal Husbandry		VENUE		S.No.	Unique ID	Discipline: Veterinary Science and Animal Husbandry		VENUE	
1	39189	ADITYA PRATAP	EVALUATION OF THERAPEUTIC EFFICACY OF DIFFERENT ANTIOXIDANTS IN CLINICAL MASTITIS IN GOATS	<b>Seminar Hall - VII</b> <b>[Faculty-in-Charge: Ms. Kratika Sharma 84353-89790]</b>  <b>Student Member: Mr. Shreyank Choudhary]</b>		8	39185	RAVI KUMAR KHARE	Study on the anthelmintic efficacy of selected plants extracts against benzimidazole resistant gastrointestinal strongyles in goats	<b>Seminar Hall - VII</b> <b>[Faculty-in-Charge: Ms. Kratika Sharma 84353-89790]</b>  <b>Student Member: Mr. Shreyank Choudhary]</b>	
2	39183	APEKSHA KHARE	IMMUNOTOXICITY OF LEAD ACETATE AND ITS AMELIORATION WITH CURCUMIN AND ASCORBIC ACID IN RATS			9	39142	RENUKA MISHRA	Study of postpartum anestrus and its management using synchronization protocols in buffaloes		
3	39198	BRAJMOHAN SINGH DHAKAR	PREVALENCE AND RISK ASSESSMENT OF BRUCELLOSIS IN BOVINE AND CAPRINE ANIMALS AT UNORGANIZED FARMS IN MADHYA PRADESH STATE			10	39175	SALIL KUMAR PATHAK	ASSESSMENT OF CARDIOLOGICAL ALTERATIONS IN DOGS WITH RENAL DISORDERS		
4	39117	BUSHRA KHAN	Technology development for cell culture based rabies vaccine by using chick embryo fibroblast monolayer			11	39422	SHIVIKA CHOUKSEY	Viability and Fertility of Buck Semen Preserved at Refrigeration Temperature in Tris Substituted with and without Egg Yolk in M.P.		
5	39235	CHARU SHARMA	DEVELOPMENT OF LATERAL FLOW ASSAY FOR NON-INVASIVE PREGNANCY DIAGNOSIS IN FEMALE TIGERS (Panthera tigris)			12	39271	SURBHI CHOURASIYA	Phytoremediation of Bacopa monnieri against Cypermethrin-induced hypothyroidism may develop NAFLD in Female Swiss albino mice		
6	39461	MAHENDRA SINGH	Milt cryopreservation of Mahseer (Tor tor) state fish of Madhya Pradesh			13	39193	YASH KUMAR VERMA	MOLECULAR DETECTION AND COMPARATIVE PATHOLOGY OF PARATUBERCULOSIS IN RUMINANTS OF JABALPUR REGION		
7	39177	POOJA DAWAR	Therapeutic efficacy of Boerhaavia diffusa and Tribulus terrestris on acute kidney disease in dogs								
Track 11				Track 11							
S.No.	Unique ID	Discipline: Veterinary Science and Animal Husbandry		VENUE		S.No.	Unique ID	Discipline: Veterinary Science and Animal Husbandry		VENUE	
1	39452	AAKANKSHA CHOUDHARY	Structural and Magnetic studies of PMMA/Co nanocomposite film prepared by IBS technique	<b>Conference Hall</b> <b>[Faculty-in-Charge: Dr. Aditya Dubey 62630-65605]</b>  <b>Student Member: Ms. Mahi Soni]</b>		9	39191	HARSHA CHOUHAN	Structural and Dielectric Properties of PVDF/CoFe2O4@BaTiO3 polymer nanocomposites	<b>Conference Hall</b> <b>[Faculty-in-Charge: Dr. Aditya Dubey 62630-65605]</b>  <b>Student Member: Ms. Mahi Soni]</b>	
2	39209	AMIT POKHRIYAL	Electronic structure, magnetic order and Lifshitz transition in electron doped new structure 12442 type Fe-based superconductors			10	39188	JOYDIPTO BHATTACHARYA	Electronic and transport properties of Heusler alloy based magnetic tunneling junctions: A first principles study		
3	39204	ANJALI MEHTO	Examining Physical, Morphological and Optical Variance in ZnO Nanoparticles via Chemical and Green Synthesis			11	39317	KUMUD DUBEY	Exploring Oxygen Vacancy-Induced Modulation in the Photoactive $\gamma$ -Fe <sub>2</sub> WO <sub>6</sub> : A Comprehensive Investigation of correlated Physical Properties		
4	39434	CHARU SHARMA	Flexible Piezoelectric Nanogenerators based on Two Dimensional MoS <sub>2</sub> Nanosheets for Harvesting Mechanical Energy			12	39141	MONICA BAIRAGI	Identification of different local coordination geometries around Cu center using XAFS in copper complexes having N,N,N,N-tetramethylethylenediamine as primary ligand		
5	39318	CHINMAY SAHU	Visible light-driven methylene blue degradation by polycrystalline Li <sub>6</sub> CuB <sub>4</sub> O <sub>10</sub> photocatalytic compound			13	39387	MONIKA	Enhanced Conductivity and transparency of GO/G doped PEDOT:PSS thin films		
6	39282	DHARMENDRA KUMAR	Effect of filler dispersion in a PVA based solid polymer electrolytes.			14	39231	MUKESH KUMAR DASOUNDHI	Topological protection and charge compensation mediated extremely large magnetoresistance in Ysb single crystal		
7	39391	DIPTI GAWANDE	Exploring the Diverse Properties of New Quaternary Heusler Alloy FeZrTiGe via First-Principles Approach			15	39257	PARVEEN GARG	Single Crystalline $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> Nanosheets with Improved PEC Performance for Water Splitting		
8	39218	GEETANJALI VASHISHT	Impact of disorder on semiconductor quantum materials and devices			16	39202	PINKI YADAV	Anomalous effect of praseodymium doping on piezoelectric response of lead-free 0.82 (Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> - 0.18 (K <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub>		