

M.P. Council of Science and Technology

Vigyan Bhawan, Nehru Nagar, Bhopal – 462003

41st M.P. Young Scientist Congress

February 26-28, 2026

List of MP Young Scientist Awards

S/N	Unique ID	NAME	Award	Discipline	INSTITUTE	Paper Title
1	41132	SHALINI CHATURVEDI	First	Agricultural Sciences	COLLEGE OF AGRICULTURAL ENGINEERING, JAWAHARLAL NEHRU KRISHI VISWA VIDYALAYA, JABALPUR	Optimizing operational parameters of threshing cylinder for kodo millet by using RSM
2	41369	MUSKAN JAIN	Second	Agricultural Sciences	COLLEGE OF AGRICULTURAL ENGINEERING, JAWAHARLAL NEHRU KRISHI VISWA VIDYALAYA, JABALPUR	Influence of slice thickness on drying kinetics of traydried fresh water chestnut chips
3	41137	NISHI MISHRA	Third	Agricultural Sciences	BIOTECHNOLOGY CENTRE, JAWAHARLAL NEHRU KRISHI VISWA VIDYALAYA, JABALPUR	DNA Barcoding Reveals Species-Specific Markers in Minor Millets (Poaceae): A Step Toward Taxonomic Clarity and Conservation
4	41356	AYUSHI SONI	Third	Agricultural Sciences	COLLEGE OF AGRICULTURE, JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR	Microsatellite markers-based diversity assessment in urdbean genotypes (Vigna mungo L Hepper)
5	41123	KHUSHWANT SINGH	First	Chemical Engineering	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Evaporation-Induced Energy Harvesting via a Zn-Imidazole Intercalated Graphene Oxide Nanogenerator
6	41211	GAMI PRATIKSHA KANTILAL	First	Chemical Sciences	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Scalable Asymmetric Electrolyte with Engineered Interfacial Layers for Dendrite-Free and High-Performance Solid-State Lithium Metal Batteries

7	41170	SNEHAL PUROHIT	First	Chemical Sciences	DEVI AHILYA VISHWAVIDYALAYA, INDORE	Acid Functionalized Bismuth Doped CeO ₂ Nanoparticles as a Sustainable Catalyst for Synthesizing Spiroimidazolidine and Mechanistic Deeper Insight through Ab Initio Studies of Spiroimidazolidine Derivatives
8	41480	NIKHIL KUMAR PANDEY	First	Civil Engineering	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Experimental Investigation of Entrainment and Deposition in Granular Flows Relevant to Natural Hazards
9	41504	PRIYAM CHOUHAN	Second	Civil Engineering	SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE	Crack Healing Performance and Cyclic Load Response of Self-Compacting Concrete with Integrated Self-Healing Mechanism
10	41197	NABENDU BHUI	First	Computer Science Engineering and Information Technology	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Secure Hardware IPs of Implantable Neurostimulator for Deep Brain Stimulator Medical Device
11	41485	ATUL KUMAR	Second	Computer Science Engineering and Information Technology	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	Embedding Privacy in Public Images for Secure AI
12	41115	VINEETA SHRIVASTAVA	Second	Computer Science Engineering and Information Technology	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, EXCELLENCE, BHOPAL	Multi-Stream Generative Deep Learning for Fine-Grained Brain Lesion Segmentation
13	41439	JANGAM DEEPIKA	First	Earth and Atmospheric Sciences	ICFRE - TROPICAL FOREST RESEARCH INSTITUTE, JABALPUR	Estimation of Above-Ground Biomass and Carbon Stock in Kanha Tiger Reserve, Madhya Pradesh Using GEDI LiDAR and Random Forest Modelling
14	41275	SANTOSH KUMAR	First	Electrical and Electronics Engineering	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Reconfigurable Multiwavelength Nanophotonic

						Circuit Based on Low-Voltage Optically Readable Engineered Resistive Switches
15	41257	YUSRA MARIAM	First	Environmental Sciences	BARKATULLAH UNIVERSITY, BHOPAL	Epiphytic microbiome: An Excellent Candidate for Phylloremediation of Nickel
16	41478	MEENAKSHI SHRIVASTAV	First	Life Sciences	JIWAJI UNIVERSITY, GWALIOR	In-Vitro Assessment of Multifunctional PGPR Isolated from Pea Plants for Sustainable Heavy Metal Remediation and Pyrene Biodegradation
17	41220	SAI SARBANI MUND	Second	Life Sciences	RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY, INDORE	Lactobacillus acidophilus derived metabolite mediated augmentation of methylene blue based photodynamic inactivation of MRSA planktonic cells and biofilms
18	41193	INDU RANI	First	Mathematical Sciences	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL	Physics-Guided Recurrent Learning for Parabolic PDEs in Short-Rate Models for Bond and Option Pricing
19	41116	MANOHAR CHOUDHARY	First	Mathematical Sciences	DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR	A Generalized (k,m) Heron Problem: Optimality Conditions and Algorithm
20	41406	YUGAL VIJAY BHAIASARE	First	Mechanical Engineering	PDPM INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING, JABALPUR	Computational Fluid Dynamics Analysis of a Quonset-Shaped Solar Tunnel Dryer for Performance Enhancement
21	41265	VRUSHALI D PATIL	First	Medical Sciences including AYUSH	ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHOPAL	A Dual In Silico and In Vitro Evaluation of an Antiviral Herbal Drug for Respiratory and Gastrointestinal SARS-CoV-2 Infection: A Preparedness Strategy Against Emerging Variants in the Post-

						Pandemic Era
22	41373	SHRUTI SINGH	Second	Medical Sciences including AYUSH	GOVERNMENT MEDICAL COLLEGE, SATNA	Neurological Soft Signs in Drug-Naïve Patients with Schizophrenia: A Cross-Sectional Study
23	41397	MOHINI SHERAWAT	First	New Biology (Biotechnology, Biochemistry, Biophysics, Bioinformatics and Molecular Biology)	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	A novel host defence mechanism against viral proteases
24	41493	LAXMI KURMI	Second	New Biology (Biotechnology, Biochemistry, Biophysics, Bioinformatics and Molecular Biology)	DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR	Engineering Photoresponsive Iron-nanozymes for controlling bacterial growth and enhanced plant growth
25	41231	NIDHI MAHARWAL	Third	New Biology (Biotechnology, Biochemistry, Biophysics, Bioinformatics and Molecular Biology)	RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY, INDORE	Photo- Modulated Insulin Secretion in Channelrhodopsin-2 Expressing Pancreatic β - Cells
26	41125	HARSHITA SINGHAI	First	Pharmaceutical Sciences	DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR	STIMULI-RESPONSIVE CO-LOADED LIPOSOMAL DRUG DELIVERY SYSTEM FOR THE TREATMENT OF BREAST CANCER
27	41196	PRIYANSHU NEMA	Second	Pharmaceutical Sciences	DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR	Integrated Transcriptomics and Computational Drug Discovery for Antidiabetic Therapeutic Development
28	41390	ABHAVYA SHUKLA	Third	Pharmaceutical Sciences	INDIRA GANHI NATIONAL TRIBAL UNIVERSITY, AMARKANTAK	Cytotoxic Assessment of Novel 2-(Phenyl)-3H-Benzo[d]Imidazole-5-Carboxylic Acid Derivatives as Anti-leukemic Candidates
29	41490	SHIVANGI BIDOLIYA	First	Physical Sciences	RAJA RAMANNA CENTER FOR ADVANCED TECHNOLOGY, INDORE	High intensity laser-plasma driven proton acceleration, its transport and application.

30	41338	DEEPESH NIMJE	Second	Physical Sciences	RAJA RAMANNA CENTER FOR ADVANCED TECHNOLOGY, INDORE	Controlling radiative and non-radiative recombination of charge carriers at the surface and interface of semiconductors using high-density oxide layers
31	41279	SASWATA TALUKDAR	Third	Physical Sciences	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	Investigating the structural phase transition of $\alpha(2H)$ In ₂ Se ₃ : A Raman study
32	41453	SHRUTI VYAS	Third	Physical Sciences	MEDICAPS UNIVERSITY, INDORE	Understanding the Kagome Spin Ice state in a Magnetic Pyrochlore Dy ₂ Ti ₂ O ₇
33	41176	NISHA PRAJAPATI	First	Plant Sciences	INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY, AMARKANTAK	Assessment of Panicle Disease and Comparative Metagenomic Analysis of Healthy and Diseased Paspalum scrobiculatum L. Reveals Significant Microbial Community Shifts
34	41514	SNEHA WAT	Second	Plant Sciences	ATAL BIHARI VAJPAYEE HINDI VISHWAVIDYALAYA, BHOPAL	Phytochemical Profiling of Plumbago zeylanica Roots, Leaves and stem Using Gas Chromatography and UV-Visible and FT-IR Spectroscopic Techniques.
35	41169	SHIVIKA CHOUKSEY	First	Veterinary Science and Animal Husbandry	COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY, NDVSU, JABALPUR	Season-Dependent Expression of the Mitochondrial-Derived Peptide Humanin in Buck Semen and Reproductive Tissues and Its Association with Semen Quality Under MP Climatic Conditions