

M.P. Council of Science and Technology, Bhopal

36th M.P. Young Scientist Congress

March 23-26, 2021

S/N	Unique ID	Name	Award	Subject	Institute	Title	Mobile
1	36118	AVINASH KUMAR GAUTAM	First	Agricultural Sciences	COLLEGE OF AGRICULTURAL ENGINEERING, JNKVV, JABALPUR	Design and Development of Pressurized Aqua Fertilizer Metering Unit for Tractor Drawn Seed-cum-Fertilizer drill	9827660971
2	36324	DEEPIKA GEEDKAR	First	Chemical Sciences	DEVI AHILYA UNIVERSITY, INDORE	Catalytic influence of multiwalled carbon nanotubes embraced with nickel-ferrite magnetic nanoparticles for the synthesis of pharmacologically significant benzo[d]imidazo[2,1-b]thiazole scaffolds	7999929052
3	36162	MAYANK KUMAR SINGH	Second	Chemical Sciences	INDIAN INSTITUTE OF TECHNOLOGY INDORE	CoS architected MXene as an excellent electrode material for flexible supercapacitors	8340328741
4	36178	NITIN TIWARI	First	Civil Engineering	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Micro-Mechanical Performance Evaluation of Expansive Soil Biotreated With Indigenous Bacteria Using MICP Method	8817109170
5	36147	DEVESH KUMAR LAL	First	Computer Science Engineering and Information Technology	DEVI AHILYA UNIVERSITY, INDORE	Design and development of stream processing architecture	9407100266
6	36270	VAIBHAV JAIN	Second	Computer Science Engineering and Information Technology	JAGRAN LAKECITY UNIVERSITY, BHOPAL	An Efficient Approach of Privacy Protection in Locations-Based Services using Hybrid LSTM	7471110161
7	36145	SHIVAM SINGH	First	Earth and Atmospheric Sciences	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Spatio-temporal distribution of Atmospheric Rivers and their association with large scale	8839183188

						climate oscillations	
8	36282	VARUN CHAUDHARY	First	Electrical and Electronics Engineering	PDPM INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING, JABALPUR	Machine Learning Approach for Modelling and Parameter Extraction of FSS based 5G Shielding Structure	9760896356
9	36166	ZAINAB AIZAZ	Second	Electrical and Electronics Engineering	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL	Design of approximate computing based low power compressor circuits for digital multipliers	8602555676
10	36142	NIKHIL KUMAR	First	Environmental Sciences	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Probabilistic assessment of Climate extremes in India: Past and Future	9739970452
11	36150	VARUN RAKESHBHAI BAVDA	First	Life Sciences	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	Deciphering the biology of Mycobacteriophage D29-encoded Holin for engineering more virulent bacteriophage	9575313099
12	36252	NIDHI PURANIK	Second	Life Sciences	BARKATULLAH UNIVERSITY, BHOPAL	Development of rapid, sensitive, and specific lateral-flow immunochromatographic device for detection of Bacillus anthracis, a potent bio warfare agent	8349952237
13	36151	AKANKSHA SAXENA	First	Mathematical Sciences	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL	On the Local convergence of two-step Newton type Method in Banach Spaces under generalized Lipschitz Conditions	9897145605
14	36246	JAYACHANDRAN S	First	Mechanical Engineering	INDIAN INSTITUTE OF TECHNOLOGY INDORE	Design and Development of NiTi Shape Memory Alloy Bimorph Drive for Waste Thermal Energy Harvesting System	6380429356
15	36228	KIRPA YADAV	First	New Biology (Biotechnology, Biochemistry, Biophysics, Bioinformatics and	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	Understanding the functional conservation and evolution of Cwc23: an essential Hsp40 involved in RNA splicing	8059763104

				Molecular Biology)			
16	36239	TARUN MISHRA	Second	New Biology (Biotechnology, Biochemistry, Biophysics, Bioinformatics and Molecular Biology)	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	SARSCoV-2 nucleoprotein enhances the infectivity of lentiviral spike particles	9599368918
17	36196	SHWETA MISHRA	First	Pharmaceutical Sciences	SRI AUROBINDO INSTITUTE OF PHARMACY , INDORE	Molecular modelling study, syntheses and pharmacological evaluation of benzimidazole derivatives as anti-diabetic agents	9039663860
18	36271	MEGHA SHRIVASTAVA	First	Physical Sciences	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	Photon Dressing in lead halide perovskite Nanocrystals: Optical Stark Effect	7566333968
19	36279	BISWAJIT DUTTA	Second	Physical Sciences	UGC-DAE CONSORTIUM FOR SCIENTIFIC RESEARCH, INDORE	An automated setup to measure the linear and nonlinear magnetic ac-susceptibility down to 4K with higher accuracy	9407499466
20	36146	NIKHIL JOB	First	Plant Sciences	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHOPAL	PIF3/HY5 module regulates BBX11 to suppress protochlorophyllide levels in dark and promote photomorphogenesis in light.	7898457891
21	36153	ANKUR NARAD	First	Veterinary Science and Animal Husbandry	COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY, MHOW, NDVS UNIVERSITY, JABALPUR	Pathology of enteritis in chickens with special reference to necrotic enteritis in Indore district	9754243536