

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भोपाल

Indian Institute of Science Education and Research Bhopal

*Summer Internship - 2024*

*List of Selected Candidates*

**1. LIST OF SELECTED CANDIDATES IN OFFLINE MODE : ON CAMPUS**

**2. LIST OF SELECTED CANDIDATES IN ONLINE MODE : OFF CAMPUS**

**3. IMPROTANT INSTRUCTIONS FOR INTERNS**

# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भोपाल

Indian Institute of Science Education and Research Bhopal

**Summer Internship - 2024**

## *List of Selected Candidates*

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
117	Nikhil Bhagya Raj	Male	Optical Pump Terahertz Spectroscopy Of Quantum Materials	Dr. Dhanvir Singh Rana	Physics
127	Prerana Sanjay Kulkarni	Female	Large Language Models For Life Science Research	Dr. Parthiban Srinivasan	Data Science Engineering
129	Shivani Pathak	Female	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
141	Hiya Pokharna	Female	String Theory For Undergrads	Dr. Suvankar Dutta	Physics
147	Sumukh Hegade	Male	Joy Of Abstraction	Dr. Arnab Rudra	Physics
161	Rabia Rasheed	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
173	Ayush Tiwari	Male	Aggregation Prone Proteins In Plants	Dr. Chandan Sahi	Biological Sciences
177	Aditi Anil Bhuktar	Female	Cycloaddition Reactions Involving Metal-carbenes	Dr. Sreenivas Katukojvala	Chemistry
183	Shreeja Saha	Female	Stimuli Responsive Molecular Self-assemblies	Dr. Aasheesh Srivastava	Chemistry
187	Priyanka Adhikary	Female	Finite Group Actions On Finite Dimensional Operator Algebras	Dr. Angshuman Bhattacharya	Mathematics
189	Deep Kumar Dey	Male	Finite Group Actions On Finite Dimensional Operator Algebras	Dr. Angshuman Bhattacharya	Mathematics
191	Aditya Ghosh	Male	Convolution And Its Applications	Dr. Sombuddha Bhattacharyya	Mathematics
195	Aswin Jayachandran	Male	Applied Micro-econometric Analysis	Dr. Vipin V	Economic Sciences
197	Mahesh Kumar	Male	First Order Partial Differential Equations	Dr. Anandteertha Mangasuli	Mathematics
203	Akshita	Female	Seismic Velocity And Attenuation Models For The Himalaya And Southern Tibet	Dr. Ashwani Kant Tiwari	Earth and Env. Sciences
215	Gurleen Kaur	Female	Geochemistry Oa Petrography Of The Bhopal Sandstones	Dr. Arundhuti Ghatak	Earth and Env. Sciences
233	Subhankhi Sarkar	Female	Socio-economic, Climate Issues In India And India's Consumer Behaviour	Dr. Biswajit Patra	Economic Sciences

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
241	Anowara Shifa	Female	Finite Group Actions On Finite Dimensional Operator Algebras	Dr. Angshuman Bhattacharya	Mathematics
273	Aruna Gopan	Female	Biofuel Production And Ites Characterization	Dr. Sankar Chakma	Chemical Engineering
335	Saswata Chakraborty	Male	Membranes For Water Treatment	Dr. Akshay Modi	Chemical Engineering
339	Kanika Chauhan	Female	Flexible Electronic Sensors And Systems	Dr. Mitradip Bhattacharjee	Elect. Engg. and Comp. Sc.
357	Ankur Kumar	Male	Deep Unlearning For Computer Vision	Dr. Vinod Kurmi	Data Science Engineering
409	Anshul Kaushal	Male	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
467	Subhajit Ghosh	Male	Optical Pump Terahertz Spectroscopy Of Quantum Materials	Dr. Dhanvir Singh Rana	Physics
487	Prachi Prasoon	Female	First Order Partial Differential Equations	Dr. Anandteertha Mangasuli	Mathematics
529	Anish Kumar Pal	Male	Deep Unlearning For Computer Vision	Dr. Vinod Kurmi	Data Science Engineering
547	Shibashis Mukhopadhyay	Male	The Three-fold Way And Ten-fold Way	Dr. Arnab Rudra	Physics
559	Keerthi Chandhana Katukojvala	Female	Crop Price Prediction Using Machine Learning Techniques	Dr. Tanmay Basu	Data Science Engineering
569	Ayan Saha	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
611	Vanshika	Female	Role Of Bbx Proteins In Modulating Plant Environment Interactions	Dr. Sourav Datta	Biological Sciences
613	Niranjan R	Male	Development Of Machine Learning Models For The Design Of Catalysts For The Electrochemical Reduction Reactions	Dr. Sai Phani Vangala	Chemical Engineering
619	Aiswarya A S	Female	Supramolecular Chemistry In Organic Solids	Dr. Deepak Chopra	Chemistry
623	Jasbir	Male	Exploring Free Energy Landscapes Of Protein-protein/protein-drug Interactions Using Computer Simulations And Machine Learning	Dr. Rajesh Murarka	Chemistry
627	Tvisha Singh	Female	Hilbert's Tenth Problem	Dr. Ajit Bhand	Mathematics
641	Shruthi S Rao	Female	Nanoporous Polymers For Energy Storage And Environmental Remediation	Dr. Abhijit Patra	Chemistry
661	Ayush Raj	Male	Inhibition Of Protein Aggregation	Dr. Ishu Saraogi	Chemistry

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
665	Bhoomika Ghumade	Female	Pollination Ecology In Western Ghats	Dr. Vinita gowda	Biological Sciences
671	Aarti	Female	Fabrication Of Smart Hydrogel As Controlled Micronutrient Delivery System	Dr. Paramita Das	Chemical Engineering
689	Vikraman Parthiban	Male	Knowledge Graphs And Algorithms For Proteomics And Molecular Data	Dr. Parthiban Srinivasan	Data Science Engineering
693	Ayush Agnihotri	Male	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
717	Hussain Mahammad Habib	Male	Geodesic Ray Transform	Dr. Manas Kar	Mathematics
753	Saumya Kumar Gupta	Male	Precision Engineering Of Proteins	Dr. Vishal Rai	Chemistry
761	Bipriti Deb Sarma	Female	Nanoscience And Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
763	Rakshit Rawal	Male	Anticancer Property Of Organoseleniums	Dr. Sangit Kumar	Chemistry
773	Amit Basak	Male	Erdos-kac Theorem	Dr. Kartick Adhikari	Mathematics
783	Sowbhick Patra	Male	Long-lived Emissive Molecules And Materials For Light Harvesting And Imaging	Dr. Abhijit Patra	Chemistry
799	Abhiram	Male	Mycobacteriophage Research	Dr. Vikas Jain	Biological Sciences
817	Aditi Chaudhary	Female	2. The Effect Of Lipid Membranes On Protein Dynamics And Function	Dr. Rajesh Murarka	Chemistry
825	Priyansh Shukla	Male	Topics In Mathematics	Dr. Sanjay Singh	Mathematics
839	Dhanush D	Male	Vector Database And Retrieval Augmented Generation For Clinical Research	Dr. Parthiban Srinivasan	Data Science Engineering
853	Aditya Purohit	Male	Investigating The Role Of Rer1 In Maintaining Protein Homeostasis In Drosophila	Dr. Varun Chaudhary	Biological Sciences
921	Subhasmita Choudhury	Female	Nanomaterials For Heterogeneous Water Oxidation	Dr. Amit Paul	Chemistry
923	Pradnyesh Nagrale	Male	Fluorescent Helical Scaffolds For Anion Sensing	Dr. Aasheesh Srivastava	Chemistry
931	Divyashree K	Female	Fabrication Of Nanocellulose-based Aerogel For Effective Water Remediation	Dr. Paramita Das	Chemical Engineering
935	Ajit Narayan Jha	Male	Anticancer Property Of Organoseleniums	Dr. Sangit Kumar	Chemistry

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
961	Aditya Sinha	Male	Vision For Drone Swarm	Dr. Sujit PB	Elect. Engg. and Comp. Sc.
987	Rakshith Vaishnavi Dogra	Male	Camera And Lidar Calibration Using Deep Learning	Dr. Vaibhav Kumar	Data Science Engineering
995	Himanshu Sharma	Male	Real-time Tddft Studies Of Photochemical And Photophysical Processes In Molecular And Nanoscale Systems	Dr. Varadharajan Srinivasan	Chemistry
1011	Anandita Gope	Female	Mitochondrial Protein Aggregation In Neurodegeneration	Dr. R Mahalakshmi	Biological Sciences
1013	Nawanshu Diwakar	Male	Quantum Materials Heterostructures	Dr. Dhanvir Singh Rana	Physics
1039	Aleena V Ashok	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
1059	Ananya Mondal	Female	Socio-economic, Climate Issues In India And India's Consumer Behaviour	Dr. Biswajit Patra	Economic Sciences
1067	Amit Kumar	Male	Unconventional Superconductors	Dr. Ravi Prakash Singh	Physics
1087	Tamanna Gupta	Female	Synthesis And Reactions Of Highly Strained Bicyclobutanes	Dr. Manmohan Kapur	Chemistry
1109	Dev Aswani	Male	Genai	Dr. Akshay Agarwal	Data Science Engineering
1135	Anjali Kumari	Female	Nucleoporin Modification And Effects On Cell Viability	Dr. Ram Kumar Mishra	Biological Sciences
1145	Diwi Sharma	Female	Unconventional Superconductors	Dr. Ravi Prakash Singh	Physics
1149	Guguloth Jeshwanth	Male	Synthesis Of Core@shell Nanoparticles For Fuel Cell Reactions	Dr. Mahesh Ijjada	Chemical Engineering
1153	Anish Singh	Male	Central Bank Digital Currency And Its Impact On Economy	Dr. Biswajit Patra	Economic Sciences
1161	Srijan Chowdhury	Male	Crop Price Prediction Using Machine Learning Techniques	Dr. Tanmay Basu	Data Science Engineering
1171	Rajarshi Ghosh	Male	Outer Automorphisms Of Free Groups	Dr. Kashyap Rajeevsarathy	Mathematics
1173	Anushka Tripathi	Female	Deep Learning For Road Traffic Management	Dr. Vinod Kurmi	Data Science Engineering
1175	Sattwik Kumar Sahu	Male	Multiagent Reinforcement Learning	Dr. Sujit PB	Elect. Engg. and Comp. Sc.
1191	Abhyuday Verma	Male	Quantum Simulation Of Interesting Phenomena	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
1193	Ankit Kumar Haripal	Male	Understanding Charge Carrier Dynamics In Semiconductors Using Fluorescence Spectroscopy	Dr. Sachin Dev Verma	Chemistry
1195	Tharini Shree M	Female	Photophysical Investigation Of Small Fluorescent Molecules	Dr. Apurba Lal Koner	Chemistry
1219	Siddesh N B	Male	Basic Theory Of Nmr Spectroscopy	Dr. Bharathwaj Sathyamoorthy	Chemistry
1239	Barnali Karmakar	Female	Atomic Gravimetry	Dr. Sebastian Wuster	Physics
1305	Vedanshi Vaghela	Female	Downscaling And Bias Correction Of Climate Data	Dr. Sanjeev Kumar Jha	Earth and Env. Sciences
1311	Partha Sarathi Dash	Male	Exploring Free Energy Landscapes Of Protein-protein/protein-drug Interactions Using Computer Simulations And Machine Learning	Dr. Rajesh Murarka	Chemistry
1359	Sanidhya Gupta	Male	Distributed Quantum Computing With Error Correction	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
1371	Shadaan Hassan	Male	Fractal Geometry	Dr. Nikita Agarwal	Mathematics
1377	Neeshma	Female	Hydrodynamic Cavitation For Water And Wastewater Treatment	Dr. Sankar Chakma	Chemical Engineering
1401	Jyotishman Saikia	Male	Photochemical Reactions Of Diazoenals: Synthesis Of Strained Ring Systems	Dr. Sreenivas Katukojvala	Chemistry
1435	Anjan Pal	Male	Precision Engineering Of Proteins	Dr. Vishal Rai	Chemistry
1443	Isha Ziyana	Female	Colourful Pi-conjugated Materials For Useful Applications	Dr. Jeyaraman Sankar	Chemistry
1447	Korsa Bhargavi	Female	Geochemistry Oa Petrography Of The Bhopal Sandstones	Dr. Arundhuti Ghatak	Earth and Env. Sciences
1449	Hargunjeet Kaur	Female	Ontology And Knowledgebase For Biomedical Data	Dr. Parthiban Srinivasan	Data Science Engineering
1467	Gabriel Ginu George	Male	Basic Theory Of Nmr Spectroscopy	Dr. Bharathwaj Sathyamoorthy	Chemistry
1485	Vishal Choudhary	Male	Ch Activation Of Ferrocene	Dr. Sangit Kumar	Chemistry
1503	Gowri S Ramesh	Female	Pollination Ecology In Western Ghats	Dr. Vinita Gowda	Biological Sciences
1523	Lekha Parthiban	Female	Nanoscience And Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
1529	Anamika S S	Female	Mycobacteriophage Research	Dr. Vikas Jain	Biological Sciences

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<b>ON CAMPUS : OFFLINE MODE</b>					
1589	Sunny Kumar Gupta	Male	Atomic Gravimetry	Dr. Sebastian Wuster	Physics
1601	Ankush Prakash	Male	Data Collection	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
1631	Naman Pasari	Male	Anomalies In Quantum Theories	Dr. Nabamita Banerjee	Physics
1637	Pranjit Shounak	Male	Precision Engineering Of Proteins	Dr. Vishal Rai	Chemistry
1647	Athira Chandrasekharan	Female	Quantum Symmetry	Dr. Arnab Rudra	Physics
1685	Ayush Kumar	Male	Deep Learning For Road Traffic Management	Dr. Vinod Kurmi	Data Science Engineering
1699	Proma Bhattacharjee	Female	Forest Dynamics: Carbon Sequestration And Climate Feedbacks In Response To Land Use Changes	Dr. Pankaj Kumar	Earth and Env. Sciences
1745	Samyak Parashar	Male	Introduction To Modular Forms	Dr. Ajit Bhand	Mathematics
1793	Mohammad Saifullah Khan	Male	Multiagent Reinforcement Learning	Dr. Sujit PB	Elect. Engg. and Comp. Sc.
1867	Anushika Singh	Female	Compounding Flood Extremes And Possible Flood Generation Mechanism Interactions In The Narmada River Basin	Dr. Somil Swarnkar	Earth and Env. Sciences
1879	Ayan Samanta	Male	Sturm–liouville Theory	Dr. Manas Kar	Mathematics
1931	Tejasva Jindal	Male	Vision For Drone Swarm	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
1935	Rohit Kumar	Male	Deep Unlearning For Computer Vision	Dr. Vinod Kurmi	Data Science Engineering
1937	Riya Jitendraprasad Danak	Female	Nanoporous Polymers For Energy Storage And Environmental Remediation	Dr. Abhijit Patra	Chemistry
1945	Krishna Arjariya	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
1969	Navtej Singh	Male	Synthesis Of Carbon Quantum Dots (cqds) And Its Catalytic Applications For Organic Synthesis	Dr. Ardhendu Sekhar Giri	Chemical Engineering
1991	Sajal Naskar	Male	Dynamic Spin-state Switching And Responsive Molecular Materials	Dr. Sanjit Konar	Chemistry
2023	Ahana Chanda	Female	Cyber Security	Dr. Akshay Agarwal	Data Science Engineering
2027	Subhadeep Paul	Male	Designing Functional Mimics Of Various Non Heme Fe Enzymes	Dr. Debasish Manna	Chemistry

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<b>ON CAMPUS : OFFLINE MODE</b>					
2097	Irfan Ahmad	Male	2d Nanosheets Of Magnetic Topological Quantum Materials From Homologous (mn <sub>te</sub> ) <sub>m</sub> (bi <sub>2</sub> te <sub>3</sub> ) <sub>n</sub> Heterostructures	Dr. Subhajit Roychowdhury	Chemistry
2105	Barsha Pal	Female	Designing Functional Mimics Of Various Non Heme Fe Enzymes	Dr. Debasish Manna	Chemistry
2143	Jatin Bhumarkar	Male	Self Propulsion Of Active Particles In Non Newtonian Fluid Medium	Dr. Venkateshwar Rao Dugyala	Chemical Engineering
2153	Swara Prashant Joshi	Female	Advanced Classical Physics	Dr. Nabamita Banerjee	Physics
2169	Dipin D	Male	Vectorial Magnetic Field Sensing Using Quantum Defects In Diamond	Dr. Phani Kumar Peddibhotla	Physics
2213	Saikat Mistry	Male	Atomic Gravimetry	Dr. Sebastian Wuster	Physics
2247	Pankaj Kumar Rout	Male	Nanoscience And Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2257	Aryan Kumar Singh	Male	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
2261	Prafful Awadhiya	Male	Approximation Algorithm For Vehicle Routing	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
2263	Suramya Rajendra Jadhav	Male	Large Language Models For Life Science Research	Dr. Parthiban Srinivasan	Data Science Engineering
2291	Lisaz Parveen	Female	Plant Systematics And Ecology	Dr. Vinita Gowda	Biological Sciences
2307	Shubhomita Bagchi	Female	Cloning Regulatory Genes Controlling Alternative Splicing In Cancer	Dr. Sanjeev Shukla	Biological Sciences
2337	Arindam Patra	Male	Catalytic Carbon Dioxide Conversion	Dr. Joyanta Choudhury	Chemistry
2347	Subhrotanu Moulik	Male	Compact Operators And Riesz-fredholm Theory	Dr. Manas Kar	Mathematics
2369	Alubelli Vinaykumar	Male	Hydrodynamic Cavitation For Water And Wastewater Treatment	Dr. Sankar Chakma	Chemical Engineering
2377	Babli Rani Gupta	Female	Central Bank Digital Currency And Its Impact On Economy	Dr. Biswajit Patra	Economic Sciences
2391	Goutam Bera	Male	Variational Method For Pde	Dr. Manas Kar	Mathematics
2403	Abhimanyu Dev Upadhyay	Male	String Theory For Undergrads	Dr. Suvankar Dutta	Physics
2407	Om Gupta	Male	Role Of Bbx Proteins In Modulating Plant Environment Interactions	Dr. Sourav Datta	Biological Sciences



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ON CAMPUS : OFFLINE MODE					
2411	Sneha Raul	Female	Drosophila Developmental Genetics Of Nup107 Complex	Dr. Ram Kumar Mishra	Biological Sciences
2423	Anurenj E R	Male	Elementary Symplectic Topology And Mechanics	Dr. Dheeraj Dattatray Kulkarni	Mathematics
2553	Mahendra Singh Solanki	Male	Synthesis Of Mpaa Ligands For Use In Organometallic Transformations	Dr. Manmohan Kapur	Chemistry
2561	Rhea Mary Varghese	Female	Multiagent Reinforcement Learning	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
2617	Harshita Deka	Female	Environment And Public Debt Sustainability	Dr. Biswajit Patra	Economic Sciences
2639	Deepak Santosh Bhongale	Male	Plant Systematics And Ecology	Dr. Vinita Gowda	Biological Sciences
2675	Yashvardhan Jain	Male	Development Of Compact Diamond Magnetometer	Dr. Phani Kumar Peddibhotla	Physics
2679	C V Nanda Deep	Male	Seismic Imagining Of Crust And Lithospheric Mantle Beneath Central India Tectonic Zone	Dr. Ashwani Kant Tiwari	Earth and Env. Sciences
2685	Vaidehi Manoj Sawant	Female	Joy Of Abstraction	Dr. Arnab Rudra	Physics
2693	Prasad Rathod	Male	Gas Separations Using Membrane Technology	Dr. Akshay Modi	Chemical Engineering
2713	Saswati Sutar	Female	Lie Algebra	Dr. Kumar Balasubramanian	Mathematics
2757	Anwasha Pal	Female	Nanomaterials For Heterogeneous Water Oxidation	Dr. Amit Paul	Chemistry
2779	Srishti Kewlani	Female	Cycloaddition Reactions Involving Metal-carbenes	Dr. Sreenivas Katukojvala	Chemistry
2785	Omkar Tidke	Male	Forest Dynamics: Carbon Sequestration And Climate Feedbacks In Response To Land Use Changes	Dr. Pankaj Kumar	Earth and Env. Sciences
2801	Al Amin Miah	Male	Elements Of Homotopy Theory	Dr. Dheeraj Dattatray Kulkarni	Mathematics
2819	Vanisha Mishra	Female	Gas Separations Using Membrane Technology	Dr. Akshay Modi	Chemical Engineering
2837	Ahnas Muhammed	Male	Psychoanalysis And Political Theory	Dr. Adity Singh	Humanities and Social Sc.
2929	Anjali A	Female	Vectorial Magnetic Field Sensing Using Quantum Defects In Diamond	Dr. Phani Kumar Peddibhotla	Physics
2935	Rahul Mitra	Male	Precision Engineering Of Proteins	Dr. Vishal Rai	Chemistry

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
2947	Mrunmayee Shekhar Makh	Female	Iot Sensing Systems	Dr. Mitradip Bhattacharjee	Elect. Engg. and Comp. Sc.
2953	Sourav Ghosh	Male	Erdos-kac Theorem	Dr. Kartick Adhikari	Mathematics
2979	Kaivalya Neerukattu	Female	Role Of Arf1 In Glur Regulation	Dr. Vimlesh Kumar	Biological Sciences
2983	Sushrut Jog	Male	Outer Automorphisms Of Free Groups	Dr. Kashyap Rajeevsarathy	Mathematics
2995	Ankit Kumar Upadhyay	Male	Fractal Geometry	Dr. Nikita Agarwal	Mathematics
3049	Simanta Kalita	Male	Understanding Climate Extremes Under Changing Climate Over India	Dr. Pankaj Kumar	Earth and Env. Sciences
3093	Satyak R	Male	Vision For Drone Swarm	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
3099	Shreya Satsangi	Female	Quantum Simulation Of Interesting Phenomena	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
3119	Adwika Singh	Female	Cyber Security	Dr. Akshay Agarwal	Data Science Engineering
3129	Abinash Prasad Behera	Male	Differential Geometry In Physics	Dr. Atreyee Bhattacharya	Mathematics
3153	Sanad Shaha	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
3155	Adesh Shantilal Ankush	Male	Biofuel Production And Ites Characterization	Dr. Sankar Chakma	Chemical Engineering
3189	Apoorva Singh	Female	Conformal Field Theory	Dr. Suvankar Dutta	Physics
3227	Gouri K Anil	Female	Synthesis Of Mpaa Ligands For Use In Organometallic Transformations	Dr. Manmohan Kapur	Chemistry
3239	Tanishq Sharma	Male	Downscaling And Bias Correction Of Climate Data	Dr. Sanjeev Kumar Jha	Earth and Env. Sciences
3241	Chirag Ingle	Male	Multiagent Reinforcement Learning	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
3261	Patil Samruddhi Maheshwar	Female	Inhibition Of Protein Aggregation	Dr. Ishu Saraogi	Chemistry
3265	Jayshree Chatte	Female	1. Exploring Free Energy Landscapes Of Protein-protein/protein-drug Interactions Using Computer Simulations And Machine Learning	Dr. Rajesh Murarka	Chemistry
3303	Aranya Sarkar	Male	Compact Operators And Riesz-fredholm Theory	Dr. Manas Kar	Mathematics

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<b>ON CAMPUS : OFFLINE MODE</b>					
3305	Priyanka Thakur	Female	Fabrication Of Smart Hydrogel As Controlled Micronutrient Delivery System	Dr. Paramita Das	Chemical Engineering
3339	Geetanshu Kumar	Male	Gas Separations Using Membrane Technology	Dr. Akshay Modi	Chemical Engineering
3425	Ashish Kumar	Male	Cyber Security	Dr. Akshay Agarwal	Data Science Engineering
3429	Shivam Kumar	Male	Anticancer Property Of Organoseleniums	Dr. Sangit Kumar	Chemistry
3447	Dilit Simon	Male	Socio-economic, Climate Issues In India And India's Consumer Behaviour	Dr. Biswajit Patra	Economic Sciences
3463	Mst Anika Amzad	Female	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
3467	Fatema Patel	Female	Atomic Gravimetry	Dr. Sebastian Wuster	Physics
3545	Bhavesh Devdatta Padwal	Male	Elementary Symplectic Topology And Mechanics	Dr. Dheeraj Dattatray Kulkarni	Mathematics
3555	Harshida Bansod	Female	Self-face Processing In Depression: A Comprehensive Review	Dr. Aditi Jublie	Humanities and Social Sc.
3577	Soham Bhattacharjee	Male	Role Of Arf1 In Glur Regulation	Dr. Vimlesh Kumar	Biological Sciences
3579	Sayoni Mandal	Female	Nanoscience And Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
3601	Batchu Sai Rishab	Male	Cloning Regulatory Genes Controlling Alternative Splicing In Cancer	Dr. Sanjeev Shukla	Biological Sciences
3663	Abhishek B Maled	Male	Terahertz Magnonics	Dr. Dhanvir Singh Rana	Physics
3683	Gowtham M	Male	Membranes For Water Treatment	Dr. Akshay Modi	Chemical Engineering
3747	Prasham Chheda	Male	Mapping Of Lakes	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
3781	Vaidehi Sahu	Female	Photochemical Reactions Of Diazoenals: Synthesis Of Strained Ring Systems	Dr. Sreenivas Katukojvala	Chemistry
3813	Satya Ranjan Ray Choudhury	Male	Local Fields	Dr. Kumar Balasubramanian	Mathematics
3833	Sreya P	Female	Geochemistry Oa Petrography Of The Surma Basin	Dr. Arundhuti Ghatak	Earth and Env. Sciences
3913	Pradeep Arya	Male	Understanding Climate Extremes Under Changing Climate Over India	Dr. Pankaj Kumar	Earth and Env. Sciences

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<b>ON CAMPUS : OFFLINE MODE</b>					
3919	Mohammad Saquib Daiyan	Male	Time Series Data Analysis	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
3939	Vedant Vikas Chandewar	Male	Labor And Education Economics	Dr. Anomita Ghosh	Economic Sciences
3945	Varun J	Male	Electrocatalysts For Ethanol-based Micro Fuel Cells	Dr. Sweta Lal	Chemical Engineering
3957	Dhruvi Sanjay Sheth	Female	A Systematic Review Of Self-face Processing In Autism Spectrum Disorder	Dr. Aditi Jublie	Humanities and Social Sc.
3997	Prachi Kurhade	Female	Supramolecular Chemistry In Organic Solids	Dr. Deepak Chopra	Chemistry
4007	Avinash Pandey	Male	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
4011	Navaneetha Jayan	Female	Compounding Flood Extremes And Possible Flood Generation Mechanism Interactions In The Narmada River Basin	Dr. Somil Swarnkar	Earth and Env. Sciences
4033	Arijit Ghosh	Male	Quantum Materials Heterostructures	Dr. Dhanvir Singh Rana	Physics
4049	Sandipani Mishra	Male	Dna Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
4051	Saurabh Mahesh Toraskar	Male	Machine Learning Model To Predict Forest Fire Using Time Series Satellite Images	Dr. Kumar Gaurav	Earth and Env. Sciences
4077	Sumit Pisal	Male	Vr For Swarm	Dr. Sujit PB	Elect. Engg. and Comp. Sc.
4079	Rathlavath Lekha	Female	Understanding Climate Extremes Under Changing Climate Over India	Dr. Pankaj Kumar	Earth and Env. Sciences
4083	Nikhil Singh	Male	Separation Processes	Dr. Akshay Modi	Chemical Engineering
4153	Rajput Roshansingh Mahadevsir	Male	Adhesives For Biomedical Applications	Dr. Aasheesh Srivastava	Chemistry
4173	Amit Patwa	Male	Gold Catalysis For Organic Synthesis	Dr. Nitin T Patil	Chemistry
4185	Debadrita Chakraborty	Female	Fabrication Of Flexible Uv-photodetector Using Metal Nanoparticle/nanocellulose Hybrid Membrane	Dr. Paramita Das	Chemical Engineering
4197	Arnav Kumar Singh	Male	Drosophila Developmental Genetics Of Nup107 Complex	Dr. Ram Kumar Mishra	Biological Sciences
4229	Vidisha Arvind	Female	Large Language Models For Life Science Research	Dr. Parthiban Srinivasan	Data Science Engineering
4247	Kunal Jolly Saxena	Male	Iot Sensing Systems	Dr. Mitradip Bhattacharjee	Elect. Engg. and Comp. Sc.

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## List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
4253	Riya Sachdeva	Female	Biocuration	Dr. Parthiban Srinivasan	Data Science Engineering
4277	Koustav Maitra	Male	Variational Quantum Circuits Using PennyLane	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
4283	Kunalika Adweta	Female	Stimuli Responsive Molecular Self-assemblies	Dr. Aasheesh Srivastava	Chemistry
4295	Adam Alvares	Male	Smart Antenna System Design For Iot	Dr. Mitradip Bhattacharjee	Elect. Engg. and Comp. Sc.
4315	Shoaib P	Male	A Comparative Study On Photocatalytic Treatment Of Antibiotic Drug Mixture: Kinetics, Mechanism And Antimicrobial Activity Assay	Dr. Ardhendu Sekhar Giri	Chemical Engineering
4345	Anish Muralidharan	Male	Vector Database And Retrieval Augmented Generation For Clinical Research	Dr. Parthiban Srinivasan	Data Science Engineering
4349	Het Jani	Male	Sturm–liouville Theory	Dr. Manas Kar	Mathematics
4357	Akanksha Yadav	Female	Synthesis And Reactions Of Highly Strained Bicyclobutanes	Dr. Manmohan Kapur	Chemistry
4393	Aritra Mukhopadhyay	Male	Deep Learning For Road Traffic Management	Dr. Vinod Kurmi	Data Science Engineering
4447	Sejal Jain	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
4473	Aditi Biswas	Female	Building Knowledge Graph For Indian Medicines	Dr. Tanmay Basu	Data Science Engineering
4491	Kartick Bisui	Male	Sturm–liouville Theory	Dr. Manas Kar	Mathematics
4513	Naveen John Chiriyankandath	Male	Fluorescent Helical Scaffolds For Anion Sensing	Dr. Aasheesh Srivastava	Chemistry
4521	Aliya V J	Female	Merging Gold Catalysis With Organocatalysis For C-h Functionalization Reactions	Dr. Nitin T Patil	Chemistry
4527	Naseefa Nidha Kp	Female	Biofuel Production And Ites Characterization	Dr. Sankar Chakma	Chemical Engineering
4531	Jugoolkar Shreya Deepak	Female	Convolution And Its Applications	Dr. Sombuddha Bhattacharyya	Mathematics
4539	Roshin G Vallatt	Female	Development Of Compact Diamond Magnetometer	Dr. Phani Kumar Peddibhotla	Physics
4549	Suki Perumal	Female	Knowledge Graphs And Algorithms For Proteomics And Molecular Data	Dr. Parthiban Srinivasan	Data Science Engineering
4555	Vivek Kumar	Male	Analysis Of Physiological And Behavioural Data	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.

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### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
4581	Jaykishan Solanki	Male	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
4585	Heena	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
4587	Shreyas Sachin Joshi	Male	Understanding Topological Insulators Through Python Programming	Dr. Suhas Gangadharaiah	Physics
4619	Animesh Manna	Male	Distribution Theory And Sobolev Spaces	Dr. Manas Kar	Mathematics
4713	Ishanee Sharma	Female	Pollination Ecology In Western Ghats	Dr. Vinita Gowda	Biological Sciences
4725	Nitin Verma	Male	Differential Geometry In Physics	Dr. ATREYEE BHATTACHARYA	Mathematics
4751	Parmar Pranali Ben	Female	Bhopal Lidar Data Annotation And Development Of Machine Learning Models For Classification	Dr. Vaibhav Kumar	Data Science Engineering
4767	N Tejhaswini	Female	Synthesis Of Two-dimensional Metal-organic Framework Nanosheets For Bio-inspired Nanocomposites	Dr. Paramita Das	Chemical Engineering
4787	Aarav Mehta	Male	Cyber Security	Dr. Akshay Agarwal	Data Science Engineering
4795	Bhore Dattapatil Bhausaheb	Male	Making Novel Materials Using Non-covalent Interactions	Dr. Apurba Lal Koner	Chemistry
4805	Guneet Kaur	Female	Membranes For Water Treatment	Dr. Akshay Modi	Chemical Engineering
4813	Sarthak Sourav Dash	Male	Symbolic Dynamics And Its Applications	Dr. Nikita Agarwal	Mathematics
4833	Ronit Raj	Male	Variational Quantum Circuits Using PennyLane	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
4863	Aashlin Gilsten Netto	Male	Fabrication Of Smart Hydrogel As Controlled Micronutrient Delivery System	Dr. Paramita Das	Chemical Engineering
4895	Adheesh Trivedi	Male	Development Of An Excited State Molecular Dynamics Toolkit Litesoph	Dr. Varadharajan Srinivasan	Chemistry
4921	Nayan Anil Barhate	Male	Gold Catalysis For Organic Synthesis	Dr. Nitin T Patil	Chemistry
4949	Arti Shamrao Shinde	Female	Gold Catalysis For Organic Synthesis	Dr. Nitin T Patil	Chemistry
4973	Vihaan Kumar	Male	Self-face Processing In Depression: A Comprehensive Review	Dr. Aditi Jublie	Humanities and Social Sc.
5003	Tejal R	Female	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.

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## List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
5005	Ujjval Mishra	Male	Single Crystal Growth And Properties Of Quantum Materials	Dr. Ravi Prakash Singh	Physics
5017	Garima	Female	Single Crystal Growth And Properties Of Quantum Materials	Dr. Ravi Prakash Singh	Physics
5049	Mayank Wangikar	Male	Nonlinear Odes And Bifurcation	Dr. Sombuddha Bhattacharyya	Mathematics
5065	Abesh Bhattacharya	Male	Synthesis Of Two-dimensional Metal-organic Framework Nanosheets For Bio-inspired Nanocomposites	Dr. Paramita Das	Chemical Engineering
5087	Rajesh Singh Mohar	Male	Understanding Climate Extremes Under Changing Climate Over India	Dr. Pankaj Kumar	Earth and Env. Sciences
5103	Shalini Joshi	Female	Nonlinear Odes And Bifurcation	Dr. Sombuddha Bhattacharyya	Mathematics
5111	Amarpreet Kaur Lotte	Female	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
5119	Malavika M	Female	Ch Activation Of Ferrocene	Dr. Sangit Kumar	Chemistry
5127	Atharva Vishwajeet Abhyankar	Male	The Three-fold Way And Ten-fold Way	Dr. Arnab Rudra	Physics
5181	Gundewar Shanthi Swaroop	Male	Self Propulsion Of Active Particles In Non Newtonian Fluid Medium	Dr. Venkateshwar Rao Dugyala	Chemical Engineering
5201	Pothuraju Chowdary Someshwar	Male	Food Based Capillary Suspensions	Dr. Venkateshwar Rao Dugyala	Chemical Engineering
5215	Atharva Khandelwal	Male	Anticancer Property Of Organoseleniums	Dr. Sangit Kumar	Chemistry
5229	Rajal Lunkad	Male	Sturm–liouville Theory	Dr. Manas Kar	Mathematics
5237	Prakriti Ghosh	Female	Studying Collective Cell Migration In Cell Culture Model	Dr. Sunando Datta	Biological Sciences
5245	Arjita Singh	Female	Artificial Intelligence For Drug Discovery	Dr. Parthiban Srinivasan	Data Science Engineering
5257	Dhruv Korlekar	Male	Fabrication Of Nanocellulose-based Aerogel For Effective Water Remediation	Dr. Paramita Das	Chemical Engineering
5317	Saheli Roy	Female	Benchmarking Fault Tolerant Error Correcting Codes	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
5319	Kashish Meena	Female	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
5321	Mihika Dhakray	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.

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### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
5397	Rishikesh S	Male	Deep Unlearning For Computer Vision	Dr. Vinod Kurmi	Data Science Engineering
5407	Pamini Chandan	Male	Synthesis And Transition-metal Catalyzed Reactions Of Pyridazinium Salts	Dr. Sreenivas Katukojvala	Chemistry
5413	Raghav Deshpande	Male	Joy Of Abstraction	Dr. Arnab Rudra	Physics
5435	Sayantan Maity	Male	Modulating The Spectroscopy Of Metal Nanoclusters Through The Use Of Bile Salts As Templates	Dr. Saptarshi Mukherjee	Chemistry
5441	Pratibhas Patra	Male	Development Of Machine Learning Models For The Design Of Catalysts For The Electrochemical Reduction Reactions	Dr. Sai Phani Vangala	Chemical Engineering
5445	Nethania Mariam Alex	Female	Pollination Ecology In Western Ghats	Dr. Vinita gowda	Biological Sciences
5451	Sharmad Kalpande	Male	Evaluating Large-language Models (llms) On Smartphones	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
5521	Tuhin Subhra Barman	Male	Ptochemical Control Of Copper Homeostasis	Dr. Debasish Manna	Chemistry
5547	Torel Samyuktha S	Female	Seismic Imagining Of Crust And Lithospheric Mantle Beneath Central India Tectonic Zone	Dr. Ashwani Kant Tiwari	Earth and Env. Sciences
5593	Karmveer Kumar	Male	Gold Catalysis For Organic Synthesis	Dr. Nitin T Patil	Chemistry
5613	Anishka	Female	Ch Activation Of Ferrocene	Dr. Sangit Kumar	Chemistry
5615	Anuj Kumar Dubey	Male	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
5633	Sara Malviya	Female	Deep Unlearning For Computer Vision	Dr. Vinod Kurmi	Data Science Engineering
5637	Avinash Kumar Kashyap	Male	Bhopal Lidar Data Annotation And Development Of Machine Learning Models For Classification	Dr. Vaibhav Kumar	Data Science Engineering
5643	Vatsal Tyagi	Female	Role Of Plant Mate Proteins In Modulating Low Phosphate Tolerance	Dr. Sourav Datta	Biological Sciences
5653	Tanishk Khurana	Male	Socio-economic, Climate Issues In India And India's Consumer Behaviour	Dr. Biswajit Patra	Economic Sciences
5665	Yash Bhardwaj	Male	Anticancer Property Of Organoseleniums	Dr. Sangit Kumar	Chemistry
5707	Debasmita Panda	Female	Artificial Intelligence For Drug Discovery	Dr. Parthiban Srinivasan	Data Science Engineering
5737	Achin Sarkar	Male	Nanoscience And Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.



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### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
5761	Kenpu Kamduk	Female	Flexible Electronic Sensors And Systems	Dr. Mitradiip Bhattacharjee	Elect. Engg. and Comp. Sc.
5781	Vikas Rajpoot	Male	Camera And Lidar Calibration Using Deep Learning	Dr. Vaibhav Kumar	Data Science Engineering
5921	Anshika Singh	Female	Precision Engineering Of Proteins	Dr. Vishal Rai	Chemistry
5929	Shreya Dhama	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
5953	Vinita Yadav	Female	Mitochondrial Protein Aggregation In Neurodegeneration	Dr. R Mahalakshmi	Biological Sciences
6003	C. B. Dev Narayan	Male	Evaluating Deep Learning Methods For Nlp Tasks	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
6009	Prerak Gupta	Male	Anxiety Prediction	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
6023	Sidharth K S	Male	Vector Database And Retrieval Augmented Generation For Clinical Research	Dr. Parthiban Srinivasan	Data Science Engineering
6043	Devashish Tripathi	Male	Street View Image Collection And Labeling For Developing Deep Learning Models	Dr. Vaibhav Kumar	Data Science Engineering
6047	Kaustav Mondal	Male	Exploring The Effect Of Luminescent Metal Nanoclusters On Catalysis	Dr. Saptarshi Mukherjee	Chemistry
6071	Shreya Tamrakar	Female	To Investigate The Role Of Fz2 In Growth And Cell Survival Using Drosophila Epithelium	Dr. Varun Chaudhary	Biological Sciences
6089	Shreyash Kondiba Gaikwad	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
6093	Asmita Bhowmick	Female	Outer Automorphisms Of Free Groups	Dr. Kashyap Rajeevsarathy	Mathematics
6121	Jinsha	Female	Simulation And Design Of A Supersonic Molecular Beam Setup For Molecular Spectroscopy	Dr. Arnab Khan	Physics
6139	Sonam Kumari	Female	Simulation And Design Of A Supersonic Molecular Beam Setup For Molecular Spectroscopy	Dr. Arnab Khan	Physics
6175	Kunwar Arpit Singh	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
6177	Vidhiti Shrivastava	Female	Studying Collective Cell Migration In Cell Culture Model	Dr. Sunando Datta	Biological Sciences
6183	Namrata Chaudhari	Female	Gas Separations Using Membrane Technology	Dr. Akshay Modi	Chemical Engineering
6219	Diya Chaudhary	Female	Neuromorphic Computing	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.

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### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
6263	Humera Parwin	Female	Synthesis Of Carbon Quantum Dots (cqds) And Its Catalytic Applications For Organic Synthesis	Dr. Ardhendu Sekhar Giri	Chemical Engineering
6273	Karan Singh	Male	Synthesis Of Carbon Quantum Dots (cqds) And Its Catalytic Applications For Organic Synthesis	Dr. Ardhendu Sekhar Giri	Chemical Engineering
6281	Kabil Nivaas A	Male	Deep Learning For Road Traffic Management	Dr. Vinod Kurmi	Data Science Engineering
6315	Shrenik Jain	Male	Hydraulic Geometric Modelling Of A Semi-arid River Catchment	Dr. Kumar Gaurav	Earth and Env. Sciences
6319	Baranya Kanungo	Female	Colourful Pi-conjugated Materials For Useful Applications	Dr. Jeyaraman Sankar	Chemistry
6329	Deep Joshi	Male	Symbolic Dynamics And Its Applications	Dr. Nikita Agarwal	Mathematics
6341	Bonani Dutta	Female	Adhesives For Biomedical Applications	Dr. Aasheesh Srivastava	Chemistry
6369	Meghna Vyas	Female	Quantum Simulation Of Interesting Phenomena	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
6373	Shuvadeep Mitra	Male	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
6397	Onteru Anji Babu	Male	Understanding Charge Carrier Dynamics In Semiconductors Using Fluorescence Spectroscopy	Dr. Sachin Dev Verma	Chemistry
6425	Tapaswani Kar	Female	Role Of Arf1 In Glur Regulation	Dr. Vimlesh Kumar	Biological Sciences
6427	Niharika Shrivastava	Female	Atomic Gravimetry	Dr. Sebastian Wuster	Physics
6459	Yash Kumar Singh	Male	Biocuration	Dr. Parthiban Srinivasan	Data Science Engineering
6479	Noorudheen P	Male	Anthropology Of Religion, Modernity, And Disenchantment	Dr. Renny Thomas	Humanities and Social Sc.
6501	Daya Ravi	Female	Measuring Reaction Kinetics Using Fluorescence Correlation Spectroscopy	Dr. Sachin Dev Verma	Chemistry
6517	Aswathi Vinod	Female	Precision Engineering Of Proteins	Dr. Vishal Rai	Chemistry
6551	Anushri Arun Pawar	Female	Ch Activation Of Ferrocene	Dr. Sangit Kumar	Chemistry
6553	Pilla Harshavardhan Reddy	Male	Separation Processes	Dr. Akshay Modi	Chemical Engineering
6591	Fartode Sanika Ramesh	Female	Supramolecular Chemistry In Organic Solids	Dr. Deepak Chopra	Chemistry

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## List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
6601	Vivek Kumar	Male	Colourful Pi-conjugated Materials For Useful Applications	Dr. Jeyaraman Sankar	Chemistry
6607	Muhammed Mikhdad Kg	Male	Monetary And Fiscal Policy Mix And Impact On Economy	Dr. Biswajit Patra	Economic Sciences
6645	Sara John	Female	Applied Micro-econometric Analysis	Dr. Vipin V	Economic Sciences
6653	Veeru Kumar Singh	Male	Designing Functional Mimics Of Various Non Heme Fe Enzymes	Dr. Debasish Manna	Chemistry
6659	Dhawal Pahuja	Male	Cycloaddition Reactions Involving Metal-carbenes	Dr. Sreenivas Katukojvala	Chemistry
6663	Roshni Chavan	Female	Nanoporous Polymers For Energy Storage And Environmental Remediation	Dr. Abhijit Patra	Chemistry
6665	Aditya Tiwari	Male	Synthesis Of Mpaa Ligands For Use In Organometallic Transformations	Dr. Manmohan Kapur	Chemistry
6713	Agneev Ray	Male	Ontology And Knowledgebase For Biomedical Data	Dr. Parthiban Srinivasan	Data Science Engineering
6723	Ansh Singh	Male	Cyber Security	Dr. Akshay Agarwal	Data Science Engineering
6743	Kaustubh Kapil Nyati	Male	Cloning Regulatory Genes Controlling Alternative Splicing In Cancer	Dr. Sanjeev Shukla	Biological Sciences
6761	Vaishnavi Vinayak	Female	Studying Amoebic Trophocytosis	Dr. Sunando Datta	Biological Sciences
6765	Srabasti Dhar	Female	Synthesis And Transition-metal Catalyzed Reactions Of Pyridazinium Salts	Dr. Sreenivas Katukojvala	Chemistry
6775	Lisupriya Baral	Female	Post-translational Modification Of Intermediate Filament Binding Proteins	Dr. Ram Kumar Mishra	Biological Sciences
6803	Fidha P	Female	2d Nanosheets Of Magnetic Topological Quantum Materials From Homologous (mnte) <sub>m</sub> (bi <sub>2</sub> te <sub>3</sub> ) <sub>n</sub> Heterostructures	Dr. Subhajit Roychowdhury	Chemistry
6819	Nova V L	Female	Biofuel Production And Its Characterization	Dr. Sankar Chakma	Chemical Engineering
6867	Shubhajit Dey	Male	First Order Partial Differential Equations	Dr. Anandteertha Mangasuli	Mathematics
6885	Prashant Kumar	Male	Synthesis Of Zeolites Catalysts From Coal Fly Ashes And Its Application Towards Gas Separation	Dr. Ardhendu Sekhar Giri	Chemical Engineering
6891	Deekshita S Iyer	Female	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
6893	Arya Vyas	Female	Membranes For Water Treatment	Dr. Akshay Modi	Chemical Engineering

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### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
6921	Sourav Mondal	Male	Monetary And Fiscal Policy Mix And Impact On Economy	Dr. Biswajit Patra	Economic Sciences
6933	Soumajyoti Bid	Male	Measuring Ultrashort Laser Pulses Using Autocorrelation Technique	Dr. Arnab Khan	Physics
6937	Prajwal Sanskar	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
6955	Raj Soni	Male	Fractal Geometry	Dr. Nikita Agarwal	Mathematics
6957	Akanksha Dubey	Female	Modulating The Spectroscopy Of Metal Nanoclusters Through The Use Of Bile Salts As Templates	Dr. Saptarshi Mukherjee	Chemistry
6959	Rudranarayan Kar	Male	Convolution And Its Applications	Dr. Sombuddha Bhattacharyya	Mathematics
6971	Arundhuti Ganguly	Female	Studying Collective Cell Migration In Cell Culture Model	Dr. Sunando Datta	Biological Sciences
6977	Annwesha Mozumder	Female	Aggregation Prone Proteins In Plants	Dr. Chandan Sahi	Biological Sciences
6991	Hina Jivan Nat	Female	First Order Partial Differential Equations	Dr. Anandteertha Mangasuli	Mathematics
6999	Saisab Sadhu	Male	Building Knowledge Graph For Indian Medicines	Dr. Tanmay Basu	Data Science Engineering
7001	Munnarwar Manali Gajanan	Female	Plant Systematics And Ecology	Dr. Vinita gowda	Biological Sciences
7007	Muskaan Jain	Female	Biocuration	Dr. Parthiban Srinivasan	Data Science Engineering
7017	Pranjal Basagare	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
7021	Aysha Shifna Kt	Female	Dynamic Spin-state Switching And Responsive Molecular Materials	Dr. Sanjit Konar	Chemistry
7031	Partha Pratim Borah	Male	Nanoporous Polymers For Energy Storage And Environmental Remediation	Dr. Abhijit Patra	Chemistry
7035	Raihan Tausif	Male	Separation Processes	Dr. Akshay Modi	Chemical Engineering
7057	Nishad V. Chhatre	Male	Fluorescent Helical Scaffolds For Anion Sensing	Dr. Aasheesh Srivastava	Chemistry
7059	Antara Bhuyan	Female	Supramolecular Chemistry In Organic Solids	Dr. Deepak Chopra	Chemistry
7061	Mrunal Pravin Kulkarni	Female	Application Of Machine Learning (ml) Models To Understand The Polymer-solvent Interactions	Dr. Sai Phani Vangala	Chemical Engineering

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## List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
7075	Kirti Agarwal	Female	Pollination Ecology In Western Ghats	Dr. Vinita gowda	Biological Sciences
7089	Shatarupa Mishra	Female	C-h Activation On Nhc Platform	Dr. Joyanta Choudhury	Chemistry
7113	E S Faizah	Female	Singular Value Decomposition And Its Applications(svd)	Dr. Ambuj Pandey	Mathematics
7129	Hrishav Modak	Male	Supramolecular Chemistry In Organic Solids	Dr. Deepak Chopra	Chemistry
7133	Dixit Aryaman Ajaykumar	Male	Impact-based Forecasting	Dr. Sanjeev Kumar Jha	Earth and Env. Sciences
7143	Krishna Prasad A	Male	Modeling The Spatial And Temporal Dynamics Of Mrna Translation	Dr. Rati Sharma	Chemistry
7149	Reeva Singh	Female	Monetary And Fiscal Policy Mix And Impact On Economy	Dr. Biswajit Patra	Economic Sciences
7155	Anuprita Kulkarni	Female	Cryptographic Applications Of Boson Sampling And Chaotic Quantum Systems	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
7157	Shivam Chopra	Male	Bhopal Lidar Data Annotation And Development Of Machine Learning Models For Classification	Dr. Vaibhav Kumar	Data Science Engineering
7169	Divyansh Garg	Male	Photophysical Investigation Of Small Fluorescent Molecules	Dr. Apurba Lal Koner	Chemistry
7173	Harshita Saxena	Female	Modeling The Spatial And Temporal Dynamics Of Mrna Translation	Dr. Rati Sharma	Chemistry
7183	Prajval Ravindra Mhatre	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
7215	Srinath Nagarajan	Male	Mapping Of Lakes	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
7219	Shivani Saini	Female	Separation Processes	Dr. Akshay Modi	Chemical Engineering
7223	Shambhavi Mishra	Female	Post-translational Modification Of Intermediate Filament Binding Proteins	Dr. Ram Kumar Mishra	Biological Sciences
7225	Vibha Dinesh Udupa	Female	Real-time Tddft Studies Of Photochemical And Photophysical Processes In Molecular And Nanoscale Systems	Dr. Varadharajan Srinivasan	Chemistry
7235	Aman Kumar Jha	Male	Nanoscience And Nanoelectronics	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
7255	Sagnik Dey	Male	Conformal Field Theory	Dr. Suvankar Dutta	Physics
7263	Shrey Srivastava	Male	Development Of Accurate 3d Mesh Objects For Training Deep Learning Models	Dr. Vaibhav Kumar	Data Science Engineering

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
7279	Sameer Verma	Male	Development Of Accurate 3d Mesh Objects For Training Deep Learning Models	Dr. Vaibhav Kumar	Data Science Engineering
7321	Radhika Karahe	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
7327	Sanskriti Jha	Female	Fractal Geometry	Dr. Nikita Agarwal	Mathematics
7359	Dhureen Shaileshkumar Patel	Male	Role Of Bbx Proteins In Modulating Plant Environment Interactions	Dr. Sourav Datta	Biological Sciences
7371	Panchatapa Pal	Female	Studying The Signal Response Dynamics (experimental)	Dr. Rati Sharma	Chemistry
7375	Shaurya Sharma	Male	Impact-based Forecasting	Dr. Sanjeev Kumar Jha	Earth and Env. Sciences
7377	Udita Ghatak	Female	Memoryscapes And The City Space	Dr. Anuparna Mukherjee	Humanities and Social Sc.
7381	Patil Jaydip Uddhav	Male	Cataclastic Strain Analysis In The Elastico-frictional Regime	Dr. Vinee Srivastava	Earth and Env. Sciences
7389	Adithya A	Male	Understanding Climate Extremes Under Changing Climate Over India	Dr. Pankaj Kumar	Earth and Env. Sciences
7421	Soham Ghosh	Male	Dynamic Spin-state Switching And Responsive Molecular Materials	Dr. Sanjit Konar	Chemistry
7425	Arnab Banerjee	Male	Making Novel Materials Using Non-covalent Interactions	Dr. Apurba Lal Koner	Chemistry
7429	Hema Patel	Female	Supramolecular Chemistry In Organic Solids	Dr. Deepak Chopra	Chemistry
7461	Ganesh Birua	Male	Self-face Processing In Depression: A Comprehensive Review	Dr. Aditi Jublie	Humanities and Social Sc.
7467	Lakshmi P	Female	Hilbert's Tenth Problem	Dr. Ajit Bhand	Mathematics
7475	Fida Subair	Female	Memoryscapes And The City Space	Dr. Anuparna Mukherjee	Humanities and Social Sc.
7479	Kirtan Lakhotia	Male	Evaluating Deep Learning Methods For Nlp Tasks	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
7527	Abhishek Kumar Singh	Male	Understanding Climate Extremes Under Changing Climate Over India	Dr. Pankaj Kumar	Earth and Env. Sciences
7535	Parth Kamal Brahmhatt	Male	Membranes For Water Treatment	Dr. Akshay Modi	Chemical Engineering
7545	Akash Joshy	Male	Investigation In Electro-oxidation Reaction For Degradation Of Recalcitrant Pollutants	Dr. Sankar Chakma	Chemical Engineering

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App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
7549	Siya Chugh	Female	Evaluating Large-language Models (llms) On Smartphones	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
7551	Shreya Sachin Joshi	Female	A Comparative Study On Photocatalytic Treatment Of Antibiotic Drug Mixture: Kinetics, Mechanism And Antimicrobial Activity Assay	Dr. Ardhendu Sekhar Giri	Chemical Engineering
7571	Omm Kumar Behera	Male	Electrochemical Sensing Of Glucose With Transition Metal-based Nanocomposites	Dr. Sweta Lal	Chemical Engineering
7599	Ankita Ramdas Jadhav	Female	Cataclastic Strain Analysis In The Elastico-frictional Regime	Dr. Vinee Srivastava	Earth and Env. Sciences
7601	Prakash Kumbhakar	Male	Development Of Machine Learning Models For The Design Of Catalysts For The Electrochemical Reduction Reactions	Dr. Sai Phani Vangala	Chemical Engineering
7605	Sandra P Raju	Female	Ptochemical Control Of Copper Homeostasis	Dr. Debasish Manna	Chemistry
7607	Anandu S Babu	Male	Geochemistry Oa Petrography Of The Surma Basin	Dr. Arundhuti Ghatak	Earth and Env. Sciences
7673	Srajan Mishra	Male	Food Based Capillary Suspenions	Dr. Venkateshwar Rao Dugyala	Chemical Engineering
7751	Yash Sharma	Male	Hilbert's Tenth Problem	Dr. Ajit Bhand	Mathematics
7759	Kumari Dipti	Female	Energy Conversion	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
7763	Nandini Patel	Female	Biocuration	Dr. Parthiban Srinivasan	Data Science Engineering
7787	Himadri Sonowal	Female	Bhopal Lidar Data Annotation And Development Of Machine Learning Models For Classification	Dr. Vaibhav Kumar	Data Science Engineering
7807	Hitarth Goswami	Male	Cultural Differences In Self-face Processing	Dr. Aditi Jublie	Humanities and Social Sc.
7815	Rahul Raj	Male	Energy Conversion	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
7821	Akshita Dubey	Female	Physics Of Chromatin Folding	Dr. Snigdha Thakur	Physics
7829	Binil Shyam T V	Male	Modeling The Spatial And Temporal Dynamics Of Mrna Translation	Dr. Rati Sharma	Chemistry
7835	Tanmay Kumar Panigrahi	Male	Synthesis Of Core@shell Nanoparticles For Fuel Cell Reactions	Dr. Mahesh Ijjada	Chemical Engineering
7837	Abhinav Mishra	Male	Introduction To Topological Data Analysis	Dr. Kashyap Rajeevsarathy	Mathematics
7865	Amen Anees P	Male	Geochemistry Oa Petrography Of The Bhopal Sandstones	Dr. Arundhuti Ghatak	Earth and Env. Sciences

# Summer Internship - 2024

## List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
7889	Ketaki Pandurang Ghorpade	Female	Real-time Tddft Studies Of Photochemical And Photophysical Processes In Molecular And Nanoscale Systems	Dr. Varadharajan Srinivasan	Chemistry
7919	Shruti Saxena	Female	Deep Learning For Agriculture	Dr. Vinod Kurmi	Data Science Engineering
7927	Mhaske Tushar Vinod	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
7983	Sanchari Ghosh	Female	Separation Processes	Dr. Akshay Modi	Chemical Engineering
7993	Moushmi Tandi	Female	Fluorescent Helical Scaffolds For Anion Sensing	Dr. Aasheesh Srivastava	Chemistry
8009	V R Vasudevan	Male	Offroad Navigation	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
8089	Shouvik Roy	Male	Measuring Ultrashort Laser Pulses Using Autocorrelation Technique	Dr. Arnab Khan	Physics
8095	Aysha Riya	Female	Ptochemical Control Of Copper Homeostasis	Dr. Debasish Manna	Chemistry
8151	Khushi	Female	Cycloaddition Reactions Involving Metal-carbenes	Dr. Sreenivas Katukojvala	Chemistry
8175	Sumedha Ghosh	Female	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
8183	Moyuresh Sarmah	Male	Single Crystal Growth And Investigations Of Magnetic And Transport Properties Of Magnetic Topological Insulators	Dr. Subhajit Roychowdhury	Chemistry
8195	Deeksha	Female	Introduction To Modular Forms	Dr. Ajit Bhand	Mathematics
8203	Avani Jain	Female	A Study Of The Correlation Of Breath And Emotions	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
8255	Anusha Bera	Female	Crop Price Prediction Using Machine Learning Techniques	Dr. Tanmay Basu	Data Science Engineering
8261	Soumya Kanti Choudhury	Male	String Theory For Undergrads	Dr. Suvankar Dutta	Physics
8269	Kelam Ashish Venkata Sai	Male	2d Nanosheets Of Magnetic Topological Quantum Materials From Homologous (mnte)m(bi2te3)n Heterostructures	Dr. Subhajit Roychowdhury	Chemistry
8283	Ambalam Venkat Trivikram	Male	Introduction To Topological Data Analysis	Dr. Kashyap Rajeevsarathy	Mathematics
8339	Ankit Srivastava	Male	Hydrodynamic Cavitation For Water And Wastewater Treatment	Dr. Sankar Chakma	Chemical Engineering
8347	Khushi Jain	Female	Central Bank Digital Currency And Its Impact On Economy	Dr. Biswajit Patra	Economic Sciences



## Summer Internship - 2024

### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
ON CAMPUS : OFFLINE MODE					
8383	Prem Kumar	Male	Ontology And Knowledgebase For Biomedical Data	Dr. Parthiban Srinivasan	Data Science Engineering
8395	Jay Bharambe	Male	Development Of An Excited State Molecular Dynamics Toolkit Litesoph	Dr. Varadharajan Srinivasan	Chemistry
8411	Abhijeet Shrivastav	Male	Synthesis Of Mpaa Ligands For Use In Organometallic Transformations	Dr. Manmohan Kapur	Chemistry
8415	Swatish Jena	Male	Application Of Machine Learning (ml) Models To Understand The Polymer-solvent Interactions	Dr. Sai Phani Vangala	Chemical Engineering
8529	Labhansh Gautam	Male	A Systematic Review Of Self-face Processing In Autism Spectrum Disorder	Dr. Aditi Jublie	Humanities and Social Sc.
8533	Sayan Pal	Male	Monetary And Fiscal Policy Mix And Impact On Economy	Dr. Biswajit Patra	Economic Sciences
8539	Muhammed Najil P	Male	Colourful Pi-conjugated Materials For Useful Applications	Dr. Jeyaraman Sankar	Chemistry
8547	Aswin P R	Male	Development Of An Excited State Molecular Dynamics Toolkit Litesoph	Dr. Varadharajan Srinivasan	Chemistry
8553	Rahul Kulkarni	Male	Mapping Of Lakes	Dr. Sujit PB	Elect. Engg. and Comp. Sc.
8557	Nishant Dipak Chaudhari	Male	Offroad Navigation	Dr. Sujit PB	Elect. Engg. and Comp. Sc.
8641	Sakshi Singh	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
8689	Vedika Dilip Kamble	Female	Gas Separations Using Membrane Technology	Dr. Akshay Modi	Chemical Engineering
8701	Devang Dixit	Male	String Theory For Undergrads	Dr. Suvankar Dutta	Physics
8707	Tushar Punjabi	Male	Multi-agent Simulations And Control	Dr. Arijit Sen	Elect. Engg. and Comp. Sc.
8715	Anushka Pal	Female	Environment And Public Debt Sustainability	Dr. Biswajit Patra	Economic Sciences
8745	Ananya Ganesan Viswanathan	Female	Flexible Electronic Sensors And Systems	Dr. Mitradip Bhattacharjee	Elect. Engg. and Comp. Sc.
8751	Satchit Gurjar	Male	A Study Of The Correlation Of Breath And Emotions	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
8757	Aditya Manoj	Male	Street View Image Collection And Labeling For Developing Deep Learning Models	Dr. Vaibhav Kumar	Data Science Engineering
8759	Ananya Rout	Female	Photochemical Reactions Of Diazoenals: Synthesis Of Strained Ring Systems	Dr. Sreenivas Katukojvala	Chemistry

# Summer Internship - 2024

## List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
8765	Katyayni Pandey	Female	A Study Of The Correlation Of Breath And Emotions	Dr. Ankur Raina	Elect. Engg. and Comp. Sc.
8823	Ashnidh Khandelwal	Male	Vr For Swarm	Dr. Sujit Pb	Elect. Engg. and Comp. Sc.
8827	Kumar Abhinav	Male	Realization Of Ultralow Thermal Conductivity In Topological Quantum Materials	Dr. Subhajit Roychowdhury	Chemistry
8843	Shreya Mishra	Female	Pollination Ecology In Western Ghats	Dr. Vinita Gowda	Biological Sciences
8845	Khushboo Jangid	Female	Plant Systematics And Ecology	Dr. Vinita Gowda	Biological Sciences
8865	Kritika Pahilajani	Female	Introduction To Modular Forms	Dr. Ajit Bhand	Mathematics
8907	Wafah Abdul Gafar K	Female	Quantum Symmetry	Dr. Arnab Rudra	Physics
8919	Fathima Henna	Female	Energy Conversion	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
8939	Tanmoy Adhikary	Male	Central Bank Digital Currency And Its Impact On Economy	Dr. Biswajit Patra	Economic Sciences
8945	Rohan Kumar Mishra	Male	Vector Database And Retrieval Augmented Generation For Clinical Research	Dr. Parthiban Srinivasan	Data Science Engineering
8981	Aishwaryaa Lakshminarayanan	Female	Cataclastic Strain Analysis In The Elastico-frictional Regime	Dr. Vinee Srivastava	Earth and Env. Sciences
8993	Kilari Prapthi	Female	Plant Systematics And Ecology	Dr. Vinita gowda	Biological Sciences
9011	Shubham Sharma	Male	Outer Automorphisms Of Free Groups	Dr. Kashyap Rajeevsarathy	Mathematics
9017	Sumit Kumar	Male	Multi-agent Simulations And Control	Dr. ARIJIT SEN	Elect. Engg. and Comp. Sc.
9039	Archana	Female	Genai	Dr. Akshay Agarwal	Data Science Engineering
9065	Soumya Singh	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
9079	Amitabha Roy	Male	Inverse Problems For Elliptic Pde	Dr. Manas Kar	Mathematics
9087	Vikash Bagri	Male	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
9091	Sankalp Jangam	Male	Hydrodynamic Cavitation For Water And Wastewater Treatment	Dr. Sankar Chakma	Chemical Engineering

## Summer Internship - 2024

### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>ON CAMPUS : OFFLINE MODE</b>					
9099	Fathima Safa M P	Female	Investigating Strong Molecule-cavity Coupling In Open Cavities	Dr. Adarsh Vasista	Physics
9109	Neha Tiwari	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
9129	Yogesh Mathuria	Male	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
9143	Jagriti Srivastava	Female	Fluorescent Helical Scaffolds For Anion Sensing	Dr. Aasheesh Srivastava	Chemistry
9173	Akasi Suna	Female	Realization Of Ultralow Thermal Conductivity In Topological Quantum Materials	Dr. Subhajit Roychowdhury	Chemistry
9219	Shorya Prakash	Male	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
9227	Sanhita Guha	Female	String Theory For Undergrads	Dr. Suvankar Dutta	Physics
9283	Abhishith S D	Male	Seismic Velocity And Attenuation Models For The Himalaya And Southern Tibet	Dr. Ashwani Kant Tiwari	Earth and Env. Sciences
9359	Mohana Barai	Female	Study Of Electron Transfer Coupled Spin Transition In Prussian Blue Analogues	Dr. Sanjit Konar	Chemistry
9365	Anuj Kumar	Male	Investigating The Role Of Rer1 In Maintaining Protein Homeostasis In Drosophila	Dr. Varun Chaudhary	Biological Sciences
9389	Neetu Saini	Female	Energy Conversion	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
9391	Simran Arora	Female	Assessment Of Uranium Exposure Risk From Dietary Components To The Population In The Malwa Region Of Punjab, India	Dr. Ashis Biswas	Earth and Env. Sciences
9447	Pratham Gandhi	Male	Understanding Charge Carrier Dynamics In Semiconductors Using Fluorescence Spectroscopy	Dr. Sachin Dev Verma	Chemistry
9455	Harshal Badge	Male	Labor And Education Economics	Dr. Anomita Ghosh	Economic Sciences
9461	Anjali Maurya	Female	Topics In Commutative Algebra	Dr. Sanjay Singh	Mathematics
9465	Tanya Sharma	Female	Analysis Of Physiological And Behavioural Data	Dr. Haroon Rashid Lone	Elect. Engg. and Comp. Sc.
9497	Ankurita Aishwarya	Female	Assessment Of Uranium Exposure Risk From Dietary Components To The Population In The Malwa Region Of Punjab, India	Dr. Ashis Biswas	Earth and Env. Sciences
9545	Sharon Tribhuvan	Female	Mitochondrial Protein Aggregation In Neurodegeneration	Dr. R Mahalakshmi	Biological Sciences
9572	Bhavyalakshmi K B	Female	Immunology, Host-pathogen Interactions	Dr. Himanshu Kumar	Biological Sciences

# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भोपाल

Indian Institute of Science Education and Research Bhopal

**Summer Internship - 2024**

## *List of Selected Candidates*

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
OFF CAMPUS : ONLINE MODE					
181	Shreya Lakhera	Female	Ai For Social Good	Dr. Akshay Agarwal	Data Science Engineering
255	Tanisha Basu	Female	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
271	Nilabh Pandey	Male	Ai For Social Good	Dr. Akshay Agarwal	Data Science Engineering
337	Chetna Srivastava	Female	Ai For Social Good	Dr. Akshay Agarwal	Data Science Engineering
471	Vidhi Ajmera	Female	Medical Ai	Dr. Akshay Agarwal	Data Science Engineering
601	Ankan Kar	Male	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
605	Anjali Chouhan	Female	Biometrics	Dr. Akshay Agarwal	Data Science Engineering
877	Shoumik Das	Male	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
913	Saptarshi Dey	Male	Wave Equations And Related Pdes	Dr. Sombuddha Bhattacharyya	Mathematics
955	Rajat Shuvra Saha	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
1075	Mahima Khandelwal	Female	Biometrics	Dr. Akshay Agarwal	Data Science Engineering
1143	Avanish Money Srivats	Male	An Nlp Based Tool For The Classification Of Logic Formulas	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
1213	Arindam Das	Male	Wave Equations And Related Pdes	Dr. Sombuddha Bhattacharyya	Mathematics
1245	Navya Srinivasan	Female	Medical Ai	Dr. Akshay Agarwal	Data Science Engineering
1539	Krishnendu Das	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
1819	Sushovit Nanda	Male	From Temporal Logics To Natural Language Using Nlp And Ml Based Machine Translation	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.

## Summer Internship - 2024

### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
OFF CAMPUS : ONLINE MODE					
1861	Nikita Singh	Female	Medical Ai	Dr. Akshay Agarwal	Data Science Engineering
1869	Ahan Bandyopadhyay	Male	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2021	Asmita Joshi	Female	Quantum Computing	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2149	Sanchita Chaurasia	Female	Ai For Social Good	Dr. Akshay Agarwal	Data Science Engineering
2209	Aryan Sisodiya	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2269	Abhay Misra	Male	An Nlp Based Tool For The Classification Of Logic Formulas	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
2275	Adityadhar Dwivedi	Male	Quantum Computing	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2299	Siddhant Chaudhary	Male	Electrocatalytic Hydrogen Evolution Reaction	Dr. Sangit Kumar	Chemistry
2457	Sudipta Majumder	Male	Quantum Computing	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2557	Sandip Dnyaneshwar Joshi	Male	Electrocatalytic Hydrogen Evolution Reaction	Dr. Sangit Kumar	Chemistry
2799	Priyangshu Ghosh	Male	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
2805	Anish De	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
3399	Ravi Singh Adhikari	Male	Quantum Computing	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
3421	Pruthviraj Amar Patil	Male	Electrocatalytic Hydrogen Evolution Reaction	Dr. Sangit Kumar	Chemistry
3469	Mrinmoy Mahato	Male	MI And Nlp Techniques For Automatically Fixing The Incomplete Issues In Software Requirements And User Stories	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
3507	Sourodeep Kundu	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
4063	Anushka Agarwal	Female	Ai For Social Good	Dr. Akshay Agarwal	Data Science Engineering
4463	Shambhavi Singh	Female	Chatgpt And Other Large-language Models For Software Requirements Engineering	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
4515	Aanvi Rohilla	Female	Electrocatalytic Hydrogen Evolution Reaction	Dr. Sangit Kumar	Chemistry

## Summer Internship - 2024

### List of Selected Candidates

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
OFF CAMPUS : ONLINE MODE					
4599	Yash Dhiman	Male	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
4691	Soumit Ghosh	Male	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
4703	Uday Sharma	Male	Biometrics	Dr. Akshay Agarwal	Data Science Engineering
4819	Ritika Budhiraja	Female	Medical Ai	Dr. Akshay Agarwal	Data Science Engineering
4979	Chaitanya Tandon	Male	On The Use Of Nlp And Machine Learning For Automatic Creation Of Software Test Cases From Software Requirements	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
5057	Rohit Patnaik	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
5115	Sanjivani Mohanty	Female	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
6051	Preetiparna Mishra	Female	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
6101	Himadri Sharma	Female	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
6375	Porus Vaid	Male	From Temporal Logics To Natural Language Using Nlp And Ml Based Machine Translation	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
6827	Anshuman Dangwal	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
7139	B.anagha	Female	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
7749	Sayantan Mondal	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
7987	Tulsi Kasera	Female	Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
8405	Pandey Satyam Dhiraj	Male	Quantum Machine Learning	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
8591	Moulik Kumar	Male	A Tool For The Classification Of Fiction And Non-fiction Texts	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
8655	Manish Gayen	Male	Chatgpt And Other Large-language Models For Software Requirements Engineering	Dr. Arpit Sharma	Elect. Engg. and Comp. Sc.
8693	Abhay Saxena	Male	Topological Quantum Computation	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
8733	Wafiyah Ameen	Female	Topological Quantum Computation	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.

## ***Summer Internship - 2024***

### ***List of Selected Candidates***

App. No.	Name of Student	Gender	Project Title	Project Mentor	Department
<b>OFF CAMPUS : ONLINE MODE</b>					
8821	Snehadip Bhunia	Male	Topological Quantum Computation	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
8879	Priya Pahwa	Female	Topological Quantum Computation	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.
9255	Harshita Sharma	Female	Medical Ai	Dr. Akshay Agarwal	Data Science Engineering
9313	Niravra Nag	Male	Quantum Computing	Dr. Kuntal Roy	Elect. Engg. and Comp. Sc.

## Important Instructions for Interns

1. Hostel Accommodation will be provided strictly for the duration of Internship i.e. maximum of 02 months according to the Advertisement (from May 27 to July 20, 2024) Only. Hostel room will be allotted on sharing basis on the day of reporting IISER Bhopal at the allotted Hostel office. Hostel accommodation Hostel allotment for (Non IISER Interns) : Boys in Hostel-6 & Hostel-7 and Girls in Hostel-5. (Internal interns' students will be allotted in their respective hostels on sharing basis).
2. ON campus mess will be allotted to all Interns.
3. Hostel Room rent shall be Rs. 1500/- per month. Charges will be levied in multiple of 15 days.
4. Steps to pay hostel charges through SBI Collect SBI I-Collect (<https://onlinesbi.com> => State Bank Collect => Madhya Pradesh => Educational Institutions => Indian Institute of Science Education and Research Bhopal => Temporary Hostel Accommodation Fees). A copy of the e-receipt of payment has to be submitted to the Hostel Caretaker (hostel office) on the day of reporting IISER Bhopal. In case of cancellation of internship, hostel rent paid may be refunded after deduction of 10% administrative charges on production of e-receipt of payment proof, after approval of the competent authority. Refund of hostel rent paid will not be allowed after joining the internship program in the institute.
5. Students shall bring their own light Bedding and lock & key and personal toiletries. No personal electrical appliances (Kettle, Iron, Induction Cooker) is allowed under any circumstances with in the hostel.
6. Accommodation will be provided on sharing basis.
7. Mess facility shall be provided on payment basis. Mess fee payment shall be made directly to Mess Contractor as per actuals.
8. Hostel accommodation is confirmed to all eligible interns on a sharing basis.
9. All Interns students should adhere to the rules that govern the hostel. Web-link to hostel rules [https://www.iiserb.ac.in/dosa/hostel\\_rules](https://www.iiserb.ac.in/dosa/hostel_rules) For any related query please contact the Hostel Caretakers when you are on Campus.