

RISE-UP 2023 - Result

Dated: 08.05.2023

Name of Faculty	Title of the Project	Selected Applicants & Application Number
Dr Amlan K. Pal	Luminescent transition metal complexes as photocatalysts	Pranav Johar 2023/INTERN/chy/1900001870 Bhavika Garg 2023/INTERN/chy/1900002804
Dr. Navneet Kumar	Cleaning Polluted Air	Rahul Giri 2023/INTERN/che/1900002035 Nitin Sankhala 2023/INTERN/che/1900002464
Dr. Ankit Tyagi	Development of biodegradable nanofiber films as alternative to plastic films	Karan Prajapat 2023/INTERN/che/1900003100 Shivam Bhatnagar 2023/INTERN/che/1900002937
Dr. Shiva S	Heat treatment analysis on components fabricated by additive manufacturing	Prathamesh Sunil Pawar 2023/INTERN/mse/1900002601 Debidaya Priyadarshini 2023/INTERN/mse/1900001012
Dr. B SATYA SEKHAR	SOLAR BASED COGENERATION PLANT	Rakesh 2023/INTERN/me/1900002563 Shubham Sharma 2023/INTERN/me/1900002546
Dr. Chembolu Vinay	Hydraulic Modeling of Jhelum River	Adviya Hilal Shah 2023/INTERN/ce/1900002091 Sai Prasanth Polapragada 2023/INTERN/ce/1900002049

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Dr. Ambika Prasad Shah	SRAM-Based Computing-In-Memory for AI Edge Devices	Ayan Sharma 2023/INTERN/ee/1900002393 Aarushi Gupta 2023/INTERN/other/1900001867
Dr. Shivnath Mazumder	Metal-Catalyzed Coupling Reactions for Drug Discovery	Atasi Mahanti 2023/INTERN/chy/1900002192
Dr. Manmohan Vashisth	X-ray and Radon transform of functions	Srishti Maurya 2023/INTERN/mat/1900001988 Pragya Agrawal 2023/INTERN/mat/1900002364
Dr. Sameer K S P	Impact study of UHPC beams	Shailendra Kumar 2023/INTERN/ce/1900002499 Mohammed Akram 2023/INTERN/ce/1900002693
Dr. Ashutosh Yadav	Chemical process flow sheet generation through neural networks	Tarsem Singh 2023/INTERN/che/1900002447 Devesh Tripathi 2023/INTERN/other/1900001574
Dr. PRATIK KUMAR	Carbon Quantum Dots to detect specific Micropollutants in Water	Om Balasaheb Tambe 2023/INTERN/ce/1900002767 Gugloth Naveen 2023/INTERN/phy/1900002614
Dr. Badri N Subudhi	Underwater Surveillance using Deep Machine Learning Architectures	Aditi Gupta 2023/INTERN/cse/1900001984 Vijaya Sindhoori Kaza 2023/INTERN/cse/1900001494

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Dr. Pankaj Chauhan	Development of Substrates for Organocatalytic Asymmetric Domino Reactions and Photochemical Transformations	Sherya 2023/INTERN/chy/1900002536 Yash Khemchand Mohature 2023/INTERN/chy/1900000954
Dr. Suman Banerjee	Profit Maximization in Billboard and Social Media Advertisement	Tejash Gupta 2023/INTERN/cse/1900001922 Abhishek Ratra 2023/INTERN/cse/1900001349
Dr. Srinivasan N	Processing and characterization of high entropy oxides through solid-state synthesis technique	Arpit Subhankar Pati 2023/INTERN/mse/1900001969
Dr. Shaifu Gupta	Orchestrating using Ansible in Openstack	Nischay 2023/INTERN/other/1900003020
Dr. Yamuna Prasad	Advertisement Slot Allocation Using ML Techniques	Anurag Tandon 2023/INTERN/cse/1900001294 Sujal Raina 2023/INTERN/cse/1900001284
Prof. Anurag Misra	Performance evaluation of Geopolymer concrete containing Jarosite	Mansi Thakur 2023/INTERN/ce/1900002414 Ashish Goswami 2023/INTERN/ce/1900001724
Dr. Rajendra Varma	Development of FRC and its behaviour	Anshika 2023/INTERN/ce/1900000971 Nakshtra 2023/INTERN/ce/1900002907
Dr. Pothukuchi Harish	Study of blood flow in the arteries	Zuha Shoaib 2023/INTERN/me/1900002191 Anushka Tushar Seth 2023/INTERN/mat/1900002030

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Dr. Aditya Shankar Sandupatla	Thermocatalytic decomposition of natural gas to carbon nanotubes and clean hydrogen for electric vehicles	Annamraju Navya Yamini 2023/INTERN/che/1900001620 Satti Amrutha 2023/INTERN/che/1900001637
Dr. Ravikant Saini	IRS assisted secure NOMA communication	Abhinav Tripathi 2023/INTERN/ee/1900002231
Dr. Karan Nathwani	Underwater Noise classification	Abhishek Gupta 2023/INTERN/ee/1900003142 Adityam Raj 2023/INTERN/cse/1900002133
Dr. Vijay Kumar Pal	Fabrication of strain sensors and robotic skin	Ananya Shukla 2023/INTERN/other/1900002900 Sakshi Sanjay Pingale 2023/INTERN/cse/1900002941
Dr. Roshan Patil	Structural analysis of gun barrels using ANSYS/ABAQUS/COMSOL	Adamyia Ayush 2023/INTERN/me/1900001316
Dr. R T Durai Prabhakaran	Design and Development of Data Acquisition System for SMART ANKLE FOOTs	Uppini Niranjana 2023/INTERN/cse/1900001787
Dr. Ankit Dubey	Drone Technologies: Design and Applications	Shinal Sharma 2023/INTERN/ee/1900000973 Nahida Malik 2023/INTERN/ee/1900002593
Dr. Anup Shukla	Intelligent and Robust Protection for Active Distribution Grids	Nivedika Kher 2023/INTERN/ee/1900001220 OM SINGH 2023/INTERN/ee/1900001140

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Dr. Sudhakar Modem	Solar based autonomous electric vehicle design	MUKUL Agarwal 2023/INTERN/ee/1900002250 Rishab Singh 2023/INTERN/cse/1900001333
Dr. Gaurav A Bhaduri	Intensification of Biogas Digester	Ananta Gandotra 2023/INTERN/che/1900001406 Miilee Gupta 2023/INTERN/bsbe/1900001371
Dr. Yogesh Madhukarrao Nimdeo	Application of Pickering Emulsion in Moisturizers	Renuka Somnath Gohil 2023/INTERN/che/1900001700 Abhay Sanjay Savdekar 2023/INTERN/che/1900002269
Dr. Divyesh Varade	Mapping of Avalanche debris using remote sensing data	Pratyush Agrawal 2023/INTERN/cse/1900002756 Bharat Sharma 2023/INTERN/cse/1900001275
Dr. Srishilan C	Computational Modelling of Alternate Iron Making Process	Urvashi Chawla 2023/INTERN/chy/1900003232
Dr Srishilan C	Development of Cold Model to Study of Slag Granule production by melt route	Nitiraj Singh Chouhan 2023/INTERN/mse/1900001033
Prof. Rakesh Singhai	Power train design and development for an Electric Tractor	Mohd Adnan Asif 2023/INTERN/me/1900001005 Samarth Narayan Tandon 2023/INTERN/ee/1900001989
Dr. Vinit Jakhetiya	Real World Video Super-Resolution	None found suitable

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Dr. Samaresh Bera	Dynamic Network Slicing and Resource Allocation in 5G Networks	Yug Paresh Desai 2023/INTERN/cse/1900002773 Bhargav Chopra 2023/INTERN/cse/1900002951
Dr. Subhas Samanta	Ligand redox non-innocence in organo and organometallic catalytic application	Ojassavi Mahajan 2023/INTERN/chy/1900000974 Avik Das 2023/INTERN/chy/1900002300
Dr. Sivakumar G	Micromechanical characterization of rock present in IIT Jammu campus	Keshav Sharma 2023/INTERN/ce/1900002730
Dr. Sanat Kumar Tiwari	Tracking micron-sized charged dust particles in plasma experiments	Jyotiraj Nath 2023/INTERN/phy/1900001459 Faiq Lateef 2023/INTERN/phy/1900001000
Dr. Sanat Kumar Tiwari	Estimation of viscosity from particle trajectories and velocities using molecular dynamics simulation	None found suitable
Dr. Ankur Bansal	Hybrid Underwater-Terrestrial Edge Computing Network Using Aerial and Water Surface Vehicles	None found suitable
Dr. Surendra Beniwal	Circuit and controller design for SHM applications	Himanshu Golchha 2023/INTERN/ee/1900001182 Priyanshu Gupta 2023/INTERN/other/1900002628
Dr Sahil Kalra	Condition monitoring of thin pipes	Kartik Agarwal 2023/INTERN/cse/1900002001 Saurabh 2023/INTERN/me/1900003151



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Dr. Tanmay Sarkar	Nonlocal hyperbolic conservation laws	None found suitable
Dr. Ajeet Sharma	Traffic-jams in natural nano-machines	Zubair Ahmad Kumar 2023/INTERN/phy/1900000996 Somya Ranjan Nayak 2023/INTERN/phy/1900001008
Dr. Mithu Baidya	Structural Dynamics of selected G protein coupled receptors	Pranjal Kumar 2023/INTERN/me/1900002312 Arkadeep Ghosh 2023/INTERN/bsbe/1900002076
Dr. Jayaramulu Kollaboyina	Hybrid porous materials for energy technologies	Yash Kiran Patil 2023/INTERN/chy/1900001027 Sritama Chakraborty 2023/INTERN/chy/1900001680
Dr. Gaurav Varshney	Security of Smart Devices	Suchit Reddi 2023/INTERN/cse/1900001812 Ritu Raj Choudhary 2023/INTERN/cse/1900001024
Dr. Harkeerat Kaur	AI for data privacy	Divya Mahendia 2023/INTERN/cse/1900001901 Param Pandya 2023/INTERN/cse/1900001034
Dr. Kushmanda Saurav	Beam Forming Networks for Antenna Arrays	Jessica Kour 2023/INTERN/ee/1900003056 Hargun Kour Bali 2023/INTERN/ee/1900002889
Dr. Archana Rajput	Low RCS Antenna for Stealth Technology	Umair Bin Farooq 2023/INTERN/ee/1900001921 Palak Agarwal 2023/INTERN/other/1900002869

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Dr Ravi Kumar Arun	Miniaturized Microfluidic Fuel Cell	Anindya Paul 2023/INTERN/che/1900002991 Ayan Sil 2023/INTERN/che/1900002950
Dr. Dharitri Rath	Development of a Smartphone-based application for quantification	Manik Dingra 2023/INTERN/cse/1900002848 Aditya Raj Sharma 2023/INTERN/cse/1900001342
Dr. Shanmugadas K P	Design of a novel injector system for reusable liquid rocket engines	Ashish Dayal 2023/INTERN/me/1900002816 Rishab Shukla 2023/INTERN/me/1900002691
Dr. Goutam Dutta	Numerical solution of nuclear reactor thermal-hydraulics under transient conditions	Mohd Mamoon 2023/INTERN/cse/1900002319
Dr. Satyadev Ahlawat	Autonomous payload delivery using UAV.	Madala Chanagala Naga Lakshmi Neha 2023/INTERN/other/1900001981 Satya Prakash 2023/INTERN/ee/1900002398
Dr. Divyesh Varade	Seasonal snow cover changes in Hindu Kush Himalayas	Sambhav Chandra 2023/INTERN/ce/1900001416 Dipanshu Priyadarshi 2023/INTERN/ce/1900001359
Dr. Satya Sekhar	Fuel cell system for EV Vehicle	Sankalp Singh 2023/INTERN/me/1900000997 Harsh 2023/INTERN/me/1900001280
Dr. Arvind Kumar	Tate's Thesis and Zeta Functions	Pratik Rao 2023/INTERN/mat/1900002689 Satya Prakash 2023/INTERN/mat/1900000962

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Dr. Ajay Singh	Molecular Communications	Mohd Sohail 2023/INTERN/other/1900002460
Dr. Arun Kumar Verma	Conversion of IC Engine based vehicle to Electric Vehicle	Devesh Sadarangan 2023/INTERN/ee/1900002928
Dr. Arun Kumar Verma	Design and development of ON BOARD Charger for EV	Kartikeya Dubey 2023/INTERN/ee/1900001678

****Please Note:** In case any student denies his/her willingness to join the internship programme, applicants from waiting list shall be considered.