

3.4.4 Number of Ph.D.s awarded per teacher during the year

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Paridhi Goel	Engineering Sciences	A K Nayak	Design of an Efficient Venturi-Scrubber for Retention of Radionuclides during Severe Accident of a Nuclear Reactor	2013	2021
Bhuvaneshwar Gera	Engineering Sciences	A K Nayak	Studies on Buoyancy Driven Flows Through Large Openings	2012	2021
Sriram Kumar	Chemical Sciences	A K Satpati	Investigation of Bi-metallic Oxide Composites for Electrochemical and Photoelectrochemical Splitting of Water	2014	2020
Amol Wakankar	Engineering Sciences	A. K. Bhattacharjee	THEORIES TECHNIQUES AND TOOLS FOR HIGH INTEGRITY HETEROGENEOUS EMBEDDED SYSTEMS	2012	2020
Sangya Chitranshi	Chemical Sciences	A. Srinivasan	Contracted and Expanded Carbaporphyrinoids: Syntheses, Conformation and Coordination Chemistry	2015	2021
Amrita Das	Chemical Sciences	A.K. Samanta	Synthesis of Novel Ligands for Extraction of Metal Ions from Aqueous Medium and Theoretical Investigation for the Extraction Mechanism	2011	2020
Biranchi Muni Tripathi	Chemical Sciences	A.K.Tyagi	Synthesis, Characterization and Sinterability of Nanoceramics	2013	2020
Rathod Maitreyi Amit	Life Sciences	Abhijit De	Identifying mechanisms that regulate Human Sodium Iodide Symporter gene (hNIS) in breast cancer	2014	2020
Shalini Dimri	Life Sciences	Abhijit De	Molecular Imaging of STAT3 Signaling In Vivo	2013	2020
Vitisha Suman Dagle	Physical Sciences	Ajit Kumar Mohanty	A Study of Active Experimental Techniques for Neutron Dosimetry in Positive Ion Accelerator	2013	2020
Togar Trupti Ajay	Life Sciences	Amit Dutt	Genome-wide Approaches to Characterize Novel Genetic Elements Causing Cancer	2014	2021
Dipanjana Hazra	Physical Sciences	Anand Moorti	Laser Driven Plasma Based Electron Acceleration, Applicable Mechanisms and its Applications	2013	2021
Dhiman Chakravarty	Life Sciences	Anand Ballal	Physiological and Structural Characterization of a Manganese Catalase (KatB) from the Filamentous, Heterocystous, N ₂ -fixing Cyanobacterium <i>Anabaena</i> PCC 7120	2015	2020
Anita Gupta	Engineering Sciences	Anita Topar	Multipass Optical Cavity Based Technique for Trace Level Detection of Heavy Water	2015	2020

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Paraswani Neha Rajkumar	Life Sciences	Anu Ghosh	Molecular Processes Of Adaptive Response In Human Peripheral Mononuclear Cells In Response To Ionizing Radiation.	2013	2020
Harisree K	Physical Sciences	Aradhana Shrivastava	Radiation background studies for rare decay experiments	2014	2020
Shilpi Gupta	Physical Sciences	Aradhana Shrivastava	Shell Effects in Fission Fragment Mass Distribution of Neutron Deficient Nuclei around $A \sim 200$	2014	2021
Dond Shantaram Kisan	Engineering Sciences	Archana Sharma	Parametric Influence on Electromagnetic forming processes	2014	2020
Ganesh Chandra Paul	Physical Sciences	Arijit Saha	Transport and magnetic exchange properties of spin-orbit coupled, anisotropic Dirac materials and Majorana nanowires	2014	2020
Sourav Kundu	Physical Sciences	Arijit Saha	Angular and Momentum Distribution of Vector Mesons Produced in Proton-Proton and Heavy-Ion Collisions at LHC Energies	2015	2021
Gautam Sharma	Physical Sciences	Arun Kumar Pati	Uncertainty Relations, Quantum Coherence and Quantum Measurement	2013	2020
Srinivasarao Kintali	Chemical Sciences	Arup Banerjee	Second Harmonic (SH) spectroscopic studies on the effect of amphiphilic molecules-induced adsorption and transport characteristics of an organic cation across a POPG lipid bilayer.	2012	2020
Pradyumna Kumar Parida	Engineering Sciences	Arup Dasgupta	Study of Nano-dispersoid Characteristics In Oxide Dispersoid Strengthened Alloys	2013	2021
Sushree Subhadarshinee Saha	Physical Sciences	Ashok Kumar Mohapatra	Applications Of Fwm And Xpm Induced By Ground-State Coherence In Thermal Atomic Vapor	2013	2020
Rajwardhan Nandram Amba	Chemical Sciences	Ashutosh Dash	Studies on the Development of Technology for the Production, Separation and Purification of Iodine-131 for Formulation of Therapeutic Radiopharmaceuticals	2013	2020
Vinita Daiya	Engineering Sciences	B P C Rao	Wirelessly Powered Secured Backscatter Communication for Wireless Sensor Network	2012	2020
Saju T Abraham	Engineering Sciences	B. Venkatraman	Characterization of Polycrystalline Microstructure using Ultrasonic Nonlinearity Parameter	2013	2021
Abhishek Kumar Sharma	Chemical Sciences	B.S.Tomar	Radiochemical Separation and Purification of Molybdenum-99 for Medical and Industrial Applications	2012	2020
Prafulla Shrikant Oak	Physical Sciences	Balachandran Sathiapalan	Holographic and exact RG beta function computations of the Sine-Gordon model	2013	2020
Debadeepti Mishra	Physical Sciences	Bedangadas Mohanty	PARTICLE PRODUCTION STUDIES IN Au+Au and U+U COLLISIONS USING THE STAR DETECTOR AT RHIC AND UNDERSTANDING THE FREEZE-OUT DYNAMICS	2013	2020

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Gourab Bhattacharjee	Physical Sciences	Biswarup Satpati	Noble Metal Core-Shell Nanoparticles with High-Energy Facets for Application in Surface Enhanced Raman Scattering and Biosensing	2014	2020
Abhijit Roy	Physical Sciences	Biswarup Satpati	Structural Study of Metal Nanostructure on Semiconductor Surface and Their Multifunctional Applications	2015	2020
Thiyagarajan	Chemical Sciences	C Gunanathan	Catalysis Based on Ruthenium Pincer Complexes	2015	2021
Gawali Suhas Shahaji	Chemical Sciences	C Gunanathan	Catalysis by Iron and Manganese Pincer Complexes	2015	2020
Chandan Kumar Bhagat	Engineering Sciences	C K Mukhopadhyay	Design and development of wireless acoustic emission sensor system for structural health monitoring applications	2012	2020
G Suneel	Engineering Sciences	C P Kaushik	Numerical Modelling of Joule Heated Ceramic Melter	2012	2020
Vidya Shreedhar Thorat	Chemical Sciences	C.P.Kaushik	Chemical Durability Assessment of Glasses for Immobilization of High Level Radioactive Waste	2012	2020
Prithwish Sinharoy	Chemical Sciences	C.P.Kaushik	Synthesis and Evaluation of Specific Extractants for Separation Processes in Back-End of Fuel Cycle	2016	2021
Somdatta Saha	Life Sciences	Chandan Goswami	Crosstalk between cytoskeleton and membrane components with thermosensitive ion channels in the context of diverse physiological functions	2014	2020
Mithun Kumar Das	Mathematical Sciences	D. Surya Ramana	Some Topics on Dirichlet L-functions	2013	2021
Manish Kumar Sahai	Physical Sciences	Debabrata Datta	Uncertainty Modeling of Thermoluminescence Glow Curve and Development of Deconvolution Technique to Resolve TL peak	2016	2021
Sajad Ahmad Bhat	Physical Sciences	Debades Bandyopadhyay	Some Studies On Novel Phases Of Neutron Stars And Their Observational Consequences	2015	2020
Vigneshwar N	Physical Sciences	Debades Bandyopadhyay	Entropy driven phase transition in hard core lattice gas models in three dimensions	2014	2020
Amit Kumar	Physical Sciences	Debasish Chaudhuri	Polymeric Models for Chromosome Organization: Impact of Cross-Linkers, Crowders and Confinement	2014	2021
Bushra Hayat	Life Sciences	Debasmita Pankaj Alone	Dissecting The Role Of Genes Involved In Proteostasis Maintenance And Wnt Signaling In The Pseudoexfoliation Pathogenesis	2014	2020
Mayank Rajput	Engineering Sciences	Dhiraj Bora	Study Of Transmutation, Gas Production And Displacement Damage In Iron, Tungsten And Chromium For D-T Neutron Irradiation	2015	2020

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Marathe Pravin Vitthal	Life Sciences	Dibyendu Bhattacharyya	Creation of Novel Photochangable Fluorescent Protein through Directed Evolution	2013	2021
Biswajit Sahoo	Physical Sciences	Dileep Prabhakar Jatkar	Classical and Quantum Subleading Soft Theorem In Four Spacetime Dimensions	2014	2020
Krishanu Roy	Mathematical Sciences	Dilip K. Maity	Pi-systems of Symmetrizable Kac-Moody Algebras.	2013	2020
Rahul Kumar	Chemical Sciences	Dilip K. Maity	Theoretical Studies On Selected Organic Chalcogen Systems	2014	2020
Nishant Kumar	Physical Sciences	Dipak Chandra Biswas	Understanding of Fission Dynamics from Fragment Mass Distribution Studies	2013	2021
Sandip Kumar De	Chemical Sciences	Dulal Senapati	Crystal Engineering to Fabricate Au, Ag and Au-Ag Alloy Nanoparticles: Application in Technology, Pathology and Theranostics	2015	2020
Ravi Kiran Akella	Engineering Sciences	G R Reddy	RISK-BASED SEISMIC PERFORMANCE ASSESSMENT OF PRESSURIZED PIPING SYSTEMS CONSIDERING RATCHETING	2015	2020
T Sakthivel	Engineering Sciences	G Sasikala	Effect of Geometry, Composition and Thermomechanical Treatment on the Type IV Cracking during Creep in Advanced 9Cr Ferritic Steels Weld Joint	2013	2021
Matcha Nani Babu	Engineering Sciences	G Sasikala	Fatigue Crack Growth Behaviour of Nitrogen Bearing Austenitic Stainless Steel and its Weld: Analysis using Unified Approach	2015	2021
Athimoola S Krishnan	Engineering Sciences	G Sasikala	Investigation on Ductile Fracture of Structural Steels and Welds: Numerical Analysis and Experimental Assessment	2015	2021
Padmanabhan G	Engineering Sciences	G Sasikala	Studies on Deep Excavation Behaviour in Engineered Backfilling Adjacent to Nuclear Safety Related Structures	2011	2021
Avik Banerjee	Physical Sciences	Gautam Bhattacharyya	Composite Higgs and Physics Beyond the Standard Model	2015	2021
Sourav Ballav	Physical Sciences	Gautam Bhattacharyya	Surface Operators, Seiberg-Dual Quivers and Contours	2014	2021
Nachiketa Sarkar	Physical Sciences	Ghosh Premomoy	A Study of Hadronic Phase of Strongly Interacting Matter with Finite Size Effects	2014	2021
Bhuvanesh Rao Patil	Mathematical Sciences	Gyan Prakash	Additive and multiplicative p-adic integers in the natural number	2012	2020
Roohani Sharma	Mathematical Sciences	Himansu Sekhar Biswal	Advancing the Algorithmic Tool-kit for Parameterized Cut Problems	2015	2021

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Dipak Kumar Sahoo	Chemical Sciences	Himansu Sekhar Biswal	Non-covalent Interactions in Ionic Liquids key to their Applications in Gas Absorption, Solvolysis and Biomolecule Interactions	2014	2020
Shweta Verma	Physical Sciences	J Jayabalan	Studies on plasmonic responses of metal nanoparticles of varied morphologies and their interaction with semiconductor nanostructures	2015	2020
Mukund Kumar	Physical Sciences	J A Chakera	Studies On Characterization And Application Of Ultrashort Higher Harmonic Radiation	2014	2020
Mohammad Tayyab	Physical Sciences	J A Chakera	Studies on ion acceleration in ultrashort ultra-high intensity laser matter interaction	2014	2020
Sithara Vinod	Physical Sciences	John Philip	Studies On The Effect Of Magnetic Field Induced Aggregation On Physical Properties Of Ferrofluids	2014	2020
Harshita Raj	Physical Sciences	Joydeep Ghosh	Study Of Generation And Transport Of Runaway Electrons In Aditya And Aditya-U Tokamak	2013	2020
M Mohideen Abdul Razak	Physical Sciences	K Devan	Studies on PHWR Transients using Modified Exponential Time Differencing Method with Improved Quasi Static (IQS) Model and Associated Dynamic Sensitivity Analysis	2012	2020
Anuraj V L	Physical Sciences	K Devan	Studies on Stability Characteristics of Mox and Metal Fueled Fast Reactor Cores	2012	2021
Balasubramanian S	Physical Sciences	K Prabhakar	Fabrication and Characterization of SiO ₂ Microcantilevers for Relative Humidity Sensing	2015	2021
Madhusudan Ghosh	Chemical Sciences	K K Swain	STUDIES ON INTERACTION OF NIOBIUM AND PROTACTINIUM WITH HYDROUS OXIDES.	2013	2020
Nicy Ajith	Chemical Sciences	K K Swain	STUDIES ON UPTAKE OF ARSENIC BY METAL OXIDES	2014	2020
K Natesan	Engineering Sciences	K Velusamy	Effect of Geometry, Composition and Thermomechanical Treatment on the Type IV Cracking during Creep in Advanced 9Cr Ferritic Steels Weld Joint	2013	2020
Nidhin Ts	Engineering Sciences	K Velusamy	Study of Radiation Effects in SRAM-Based FPGAs for NPP I&C System Design	2013	2020
Gajula Murali Krishna	Chemical Sciences	K. Ananthshivan	Some Studies on the Electrochemical Behavior of Actinides and Fission Products in Room Temperature Ionic Liquids for Nuclear Fuel Cycle Applications	2014	2020
Saujanya Acharya	Life Sciences	Kakoli Bose	Characterization Of High Temperature Requirement Serine Protease And Its Binding Partners	2012	2020
K Raghupathi	Life Sciences	Kakoli Bose	Deciphering The Mode Of Regulation And Understanding Protein-Protein Interactions Of Human Htra Serine Proteases	2013	2020

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Gyan Chandra Chauthwani	Physical Sciences	Kannan Umashankari	Analysis of Radioisotope Depletion and Generation using Klopfenstein-Shampne Family of Numerical Differentiation Formula	2013	2021
Ekta Bhatia	Physical Sciences	Kartikeswar Senapati	Natural and synthetic domain wall induced spin triplet correlations in superconducting multilayers and Josephson junctions	2014	2020
Gopinath Sahoo	Physical Sciences	M Kamruddin	Surface Modification and Polymer-Free Transfer of Vertical Graphene Nanosheets for Electrochemical Capacitor Applications	2015	2021
Arindam Majhi	Physical Sciences	Maheswar Nayak	Surface/Interface Studies of Thin Films and Development of Ultra-Short Period W/B ₄ C Multilayer Mirrors With Large Layer Pairs	2014	2021
Sangeeta Das	Physical Sciences	Maitreyee Saha Sarkar	Study of Nuclear Structure near Shell Closure	2015	2021
Shilpa Kastha	Physical Sciences	Manjari Bagchi	Gravitational Waves From Compact Binary Coalescences: Tests Of General Relativity And Astrophysics	2014	2020
Md Khurshidul Hassan	Life Sciences	Manjusha Dixit	Understanding the Role of EEF1A2 in Tumor Angiogenesis and Progression	2013	2020
Dinesh Kumar	Life Sciences	Manjusha Dixit	The Role and Signaling Mechanism of IQGAP2 in Breast Cancer Tumorigenesis and Angiogenesis	2014	2021
Mangalika Sinha	Physical Sciences	Mohammed Hussein Modi	Study of Structural & Optical Properties of Oxides in Soft X-ray Regime	2014	2020
Jhuma Ghosh	Physical Sciences	Mohammed Hussein Modi	Charmonium Studies at Forward Rapidity with ALICE Muon Spectrometer at the LHC	2015	2021
Paramjit Rana	Physical Sciences	N K Sahoo	Study of Spectral Beam Combination Techniques for High Power, Pulsed Dye Laser Applications	2014	2021
Pradeep Das	Mathematical Sciences	N. Raghavendra	Topics in the Symplectic and Kahler geometry of Moduli Spaces of Representations of Quivers	2013	2020
Sujeet Kumar Singh	Mathematical Sciences	Nabin Kumar Jana	Certain Congruences among Hermitian Jacobi Forms and Hermitian Modular Forms	2015	2020
Amit Kumar	Mathematical Sciences	Nabin Kumar Jana	Comparison of Order Projections in Absolute Matrix Order Unit Spaces	2015	2020
Raikamal Paul	Life Sciences	Neelma Shirsat	Role of miR-592 and miR-204 in Medulloblastoma Pathogenesis	2013	2021
R Prashanth	Physical Sciences	Nemani Venkata Suryanarayana	Positive Geometry Of Scalar Theories	2014	2020

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Atanu Bhatta	Physical Sciences	Nemani Venkata Suryanarayana	Holographic Conformal Parial Waves	2012	2020
Revati Rani	Physical Sciences	Niranjani Kumar	Tribological Properties of Ultrananocrystalline Diamond Films at High Temperature and Controlled Atmosphere	2016	2020
Zala Arunsinh Bakulsinh	Engineering Sciences	Nirav I Jamnapara	Investigations on,Weldability of Aluminide Coated 9Cr Steel	2015	2021
Kanhu Charan Sahoo	Engineering Sciences	P. Parameswaran	Prediction of Creep Deformation and Rupture Behavior of 304HCu Austenitic Stainless Steel under Uniaxial and Multiaxial State of Stress at Different Temperatures	2014	2021
Priti Kanth	Engineering Sciences	P. V. Subhash	Nuclear Activation Studies in Fusion Systems: New Methods and Algorithms	2015	2020
Santosh Lala Gawali	Chemical Sciences	P.A. Hassan	Interfacial Modification of Nanomaterials for Biomedical Applications	2015	2020
Debashis Saha	Physical Sciences	Pankaj Agrawal	Production Of Higgs Boson In Association With Another Two Bosons At The Hadron Colliders	2013	2020
Ravindra Bansal	Life Sciences	Parsun K Mukherjee	Functional Analysis of Three Genes Downregulated in a Non-conidiating Mutant of <i>Trichoderma virens</i>	2015	2021
Shikha Pachauri	Life Sciences	Parsun K Mukherjee	Structural and Functional Analysis of a <i>Trichoderma virens</i> GAPDH Associated with a Secondary-Metabolism Related Gene Cluster	2014	2020
Shweta Singh	Life Sciences	Partha Saha	Role of Epstein-Barr Virus in Epithelial Cell Cancer	2015	2021
Abhishek Joshi	Physical Sciences	Pinaki Majumdar	thermal Properties of strongly Correlated Bosonic and Fermionic Superfluids	2010	2020
Sonu Yadav	Physical Sciences	Prabal Kumar Chattopadhyay	Effect Of Inhomogeneous Magnetic Field On Helicon Antenna Produced Expanding Plasma	2012	2020
Lachhvani Lavkesh Tekchand	Physical Sciences	Prabal Kumar Chattopadhyay	Long-time Confinement of Toroidal Electron Plasma in SMARTEX-C	2014	2020
Moumita Das	Physical Sciences	Prabhat Kumar Mandal	Study of Magnetic, Thermal and Dielectric Properties of some Rare-Earth based Oxides	2015	2021
Arghya Mukherjee	Physical Sciences	Pradip Kumar Roy	Hadronic Properties in Presence of Magnetic Field	2014	2020
Omprakash Singh	Life Sciences	Praful S Singru	TRH-Containing System and Its Regulatory Circuitry in the Brain: Organization, Evolution and Role in Regulation of Food Intake and Enery Balance	2013	2020

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Vanshika Adiani	Life Sciences	Prasad S Variyar	Biochemical Markers as a Tool for Rapid Detection of Microbial Spoilage in Minimally Processed Fruits	2015	2021
Mahalakshmi Ramachandran	Life Sciences	Prasanna Venktraman	Fine Specificity of Domain-motif Interaction and the Role of Structure: a Case Study with Proteasomal Chaperones	2013	2020
Khokan Chowdhuri	Chemical Sciences	Prasenjit Mal	Sustainable Strategies for Carbon-Sulfur Bond Formation Reactions in Organic Synthesis	2015	2020
Biswajit Banerjee	Physical Sciences	Pratik Majumdar	Multiwavelength Long Term Monitoring and Spectral Energy Distribution Modeling of Bright Active Galactic Nuclei Markarian 421	2013	2021
Alaka Panda	Physical Sciences	R Govindaraj	Mössbauer Studies on Some Fe-based Multiferroic Materials	2014	2021
Shridhar Suresh Paranjape	Life Sciences	R Shashidhar	Starvation Induced Physiological Changes In Vibrio Cholerae	2014	2020
Shivam Mishra	Engineering Sciences	R Balasubramaniam	Design Analysis and Performance Evaluation of Fiberoptic Pressure Sensors based on Fabry-Perot Interferometer	2012	2020
Chinmay Raghunath Borwan	Physical Sciences	R C Rannot	Monte Carlo Simulation Studies of Imaging Atmospheric Cherenkov γ Ray Telescope MACE (Major Atmospheric Cherenkov Experiment)	2014	2020
Santu Dey	Physical Sciences	R Govindaraj	Study of Effect of Deformation & Irradiation on the Microstructure of FCC Materials using X-ray Diffraction	2013	2021
Uttam Jain	Engineering Sciences	R Tewari	Development of Vanadium Alloys for Advanced Energy Systems	2013	2021
Bidisha Roy	Mathematical Sciences	R Thangadurai	Some Problems In Algebraic And Combinatorial Number Theory Connected With Finite Abelian Groups	2015	2020
Jaitra Chattopadhyay	Mathematical Sciences	R Thangadurai	Some Problems In Ideal Class Groups And Related Topics	2015	2020
Naveen Kumar Sudama Prasad	Physical Sciences	R. J. Kshirsagar	Surface Enhanced Vibrational Spectroscopy and High Pressure Studies of Biomolecules	2013	2020
Subha Sarkar	Mathematical Sciences	R. Thangadurai	On Some Problems in Additive Combinatorics and Related Areas	2015	2020
Samiran Roy	Physical Sciences	Raj Gandhi	New Physics with Neutral and Charged Current Measurements at Long-Baseline Neutrino Experiments	2013	2020
Somdeb Ghose	Physical Sciences	Ronojoy Adhikari	Population Fluctuations, Nonequilibrium Flows and Instabilities in Some Model Systems	2006	2021

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Mythreyi Naarasimhan	Life Sciences	Rukimini Govekar	Proteomic Profiling of Leukemic Cells in Philadelphia Chromosome Positive Leukemia	2013	2021
Sree Ranjini K S	Engineering Sciences	S Murugan	Design, Development And Optimization Of High Temperature Motors For In-Service Inspection Devices	2014	2020
Mrinal Jauhari	Physical Sciences	S B Degweker	Structural Phase Transitions and Phonon Anomalies in Alkaline Niobate Based Functional Materials	2015	2020
Sherly Joseph Ray	Physical Sciences	S B Degweker	Development Of Improved Methods For Lattice And Core Physics Simulations Of Thermal Reactors	2013	2020
Argala Srivastava	Physical Sciences	S B Degweker	NEUTRONIC STUDIES FOR THE DEVELOPMENT OF A TIME DEPENDENT MONTE CARLO CODE	2013	2020
Arti R Kulkarni	Medical and Health Sciences	S D Sharma	Dosimetric and Quality Assurance Studies in High Dose Diagnostic Imaging Modalities to Establish National Radiation Protection Programme	2012	2020
Mohammad Nizam	Physical Sciences	S Umasankar	A Study of Hadron Energy Estimation in ICAL@INO and Feasibility of a PET Device Based on Multi-gap RPCs	2014	2020
Telmore Vijay Madhukar	Chemical Sciences	S. Kannan	Chromatography based Methods for Determination of Trace Elements in Nuclear Materials	2013	2020
Mihir Chatterjee	Engineering Sciences	S. Mukhopadhyay	Investigation of Gas Species and Thermal Separation in Ranque-Hilsch Vortex Tube	2013	2020
Tale Prafullkumar Prabhakar	Mathematical Sciences	Saket Saurabh	Some Results on Graph Contraction Problems	2013	2021
Mantu Nirmal Modak	Physical Sciences	Sangam Banerjee	Fundamental and Functional Properties Associated to Exotic Phase Transitions in Novel Rare Earth based Intermetallic Compounds and Heusler Alloys	2015	2020
Asmita Sharda	Life Sciences	Sanjay Gupta	Histone H3 Modifications and their Role in DNA Damage Response	2013	2020
Amnekar Ramchandra Vijay	Life Sciences	Sanjay Gupta	Phosphoacetylation of Histones during Cellular Transformation in Mammalian Cells	2013	2021
Raghava Reddy Sunkara	Life Sciences	Sanjeev Waghmare	Defining the Molecular Signaling Mechanism in Epidermal Stem Cell Regulation and Cancer	2013	2020
Y Sunitha	Chemical Sciences	Sanjiv Kumar	Proton Induced Gamma-ray Emission in the Analysis of Semiconductors and Energy Materials	2015	2020
Jilmy P Joy	Physical Sciences	Sankar De	Shock propagation in dilute inelastic and elastic media	2012	2020

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Arpita Das	Physical Sciences	Sankar De	Study of Laser Induced Coherent Phenomena in the Rubidium Atomic Medium	2015	2021
Soumik Bhattacharya	Physical Sciences	Sarmishtha Bhattacharyya	Yrast And Near-Yrast Structure Of Nuclei In A ~ 200 Region Involving High-J Orbitals	2014	2020
Mulla Ahmad Basha	Physical Sciences	Satish C. Gupta	Evolution of depth dependent structure and magnetic properties of multilayers on annealing	2016	2020
Ingale Sanjay Vishwasrao	Physical Sciences	Satish C. Gupta	Studies on Sensitivity of Nanosized Energetic Materials	2013	2020
Charu Mishra	Physical Sciences	Satya Ram Mishra	Studies on electromagnetically induced transparency in ⁸⁷ Rb atoms	2014	2020
Garima Arora	Physical Sciences	Satyaban Bhunia	LABORATORY STUDIES OF STATIONARY AND NON-STATIONARY STRUCTURES IN FLOWING COMPLEX PLASMAS	2015	2020
Suman Mukherjee	Physical Sciences	Satyaban Bhunia	Growth and characterization of semiconductor quantum dots for optoelectronic device संश्लेषण	2014	2020
Anway Pradhan	Physical Sciences	Satyaban Bhunia	Study of MOCVD grown AlGaAs/GaAs (100) spontaneous superlattice and its application for optoelectronic devices	2014	2020
Shamik Ghosh	Physical Sciences	Satyaki Bhattacharya	Search for physics beyond the Standard Model in photon + missing transverse momentum final state in proton-proton collisions using the Compact Muon Solenoid detector at the Large Hadron Collider	2013	2020
Garima Rani	Physical Sciences	Satyavani Vemparla	Understanding the Mechanical Response of Bacterial Cell Walls and Cell Membranes against Antimicrobial Agents	2015	2021
Devanand T	Life Sciences	Satyavani Vemparla	Allosteric effects in protein dynamics and their interactions with membranes	2014	2020
P A Manojkumar	Engineering Sciences	Shaju K Albert	Synthesis and Modification of Graphene Nanowalls using Plasma Immersion Ion Implantation and Deposition Facility	2012	2020
M Divya	Engineering Sciences	Shaju K Albert	Weldability of Borated Stainless Steel-(SS 304B4)	2013	2020
Jay Kirtikumar Joshi	Engineering Sciences	Shantanu Kumar Karkari	Inferring The Magnetization Effect In High Density Ccrf Discharges- An Electrical Approach	2015	2020
Bhuva Montu Prafulbhai	Engineering Sciences	Shantanu Kumar Karkari	Magnetic Field Effects on Cold Hollow Cathode DC Discharge: an Experimental and Modeling Study	2015	2021
Kavita V Anand	Medical and Health Sciences	Sharmila A Pimple	Performance of HPV DNA Test in presence of co-infection with common reproductive tract infections	2013	2020

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Prathik Cherian Jangid	Physical Sciences	Sibasish Ghosh	Beyond Quantum Nonlocality in Continuous Variable Systems and Thermalization of a Qubit	2012	2020
Dheeraj Kumar Mishra	Physical Sciences	Sibasish Ghosh	Thermodynamic Corrections Due To An Invariant Ultraviolet Scale And Its Implications	2013	2020
Anand Pathak	Physical Sciences	Sitabhra Sinha	Uncovering Functional Correlates of Structural Organization in Brain Networks at Multiple Scales: From the worm to the human	2012	2021
Madhusmita Panda	Physical Sciences	Sitaram Dash	Synthesis And Characterization Of Diamond Like Carbon (Dlc) Based Nano-Composite Thin Films Grown By Pld	2013	2020
Deepak Rawat	Chemical Sciences	Smruti Dash	Thermodynamic Investigations of Phosphate-based Crystalline Ceramic Matrices for HLW Immobilization	2013	2020
Pravat Kumar Swain	Physical Sciences	Srikumar Ghorui	Liquid Metal MHD Studies at High Magnetic Fields Relevant to Fusion Test Blankets	2014	2021
Sagarika Nayak	Physical Sciences	Subhankar Bedanta	Static and dynamic magnetic properties of soft/hard ferromagnetic and ferromagnetic/antiferromagnetic bilayers	2014	2020
Protick Mohanta	Physical Sciences	Subhasish Basak	Heavy Hadron Spectrum on Lattice with NRQCD Bottom and HISQ Lighter Quarks	2012	2021
Rajarshi Bhattacharya	Physical Sciences	Subir Sarkar	Search for Higgs Boson Pair Production in the $HH \rightarrow bb\tau\tau$ Channel in p-p collisions using CMS data at $\sqrt{s} = 13$ TeV at the LHC	2013	2021
Saran Chattopadhyaya	Life Sciences	Subrata Banerjee	Dna Replication-Repair In Megakaryopoiesis	2014	2020
Anil Kumar Singh	Physical Sciences	Sucharita Sinha	Pulsed Laser Surface Treatment of Metals for Enhanced Field Emission Studies	2013	2020
Dhurv Dinesh Mulmule	Physical Sciences	Sucharita Sinha	Studies of Reactor Anti-neutrinos with ISMRAN	2015	2021
Abhishek Das	Chemical Sciences	Sudhir Kapoor	Synthesis, mechanistic study and interaction of metal nanoparticles with biologically important molecules	2014	2020
Vinod Kumar Saini	Physical Sciences	Sudhir Kumar Dixit	Laser Based Isotope-Selective Photoionization Studies on Lithium	2013	2020
Dushmanta Kara	Physical Sciences	Sujay K. Ashok	Study of Rydberg Blockade and Anti-Blockade in Rubidium Atomic Vapor	2014	2021
Abinash Kumar Nayak	Physical Sciences	Sukalyan Chattopadhyay	Right-Handed Currents and Electroweak Penguins in B_c decays.	2012	2021

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Wadut Shaikh	Physical Sciences	Sukalyan Chattopadhyay	Bottomonium Studies at LHC Energy using Alice Muon Spectrometer	2015	2021
Sajad Ali	Physical Sciences	Sukalyan Chattopadhyay	STRUCTURAL EVOLUTION OF WEAKLY DEFORMED NUCLEI IN MASS \sim 140 REGION WITH INCREASING ANGULAR MOMENTUM.	2015	2020
Vakil Nafees Ahmed	Engineering Sciences	Sulekha Mukhopadhyay	Evaluation of Bunsen Reaction and Phase Separation in Continuous Reactor	2013	2021
Darekar Mayur Ramesh	Engineering Sciences	Sulekha Mukhopadhyay	Liquid-liquid two-phase flow and mass transfer in microchannels	2014	2020
Ashish Kumar Manna	Physical Sciences	Sunil Verma	Growth Of TiO ₂ , ZnO Nanostructured Films For Investigation Of Resistive Switching, Photo-Absorbance Properties, Glucose Sensing And Structural Phase Transition	2013	2020
Abhishek Rakshit	Physical Sciences	Supratic Chakraborty	Transition Metal Oxide-based Devices for Memory Applications	2015	2020
Lokpati Mishra	Chemical Sciences	T. Bandyopadhyay	EXPERIMENTAL DETECTION OF ACTINIDES IN HUMAN BODY AND COMPUTATIONAL INVESTIGATIONS OF THEIR DECORPORATION MECHANISM	2014	2020
Syamasrit Dash	Chemical Sciences	T. K. Chandrashekar	Expanded Porphyrins: Ideal Models to Probe Conformational Topology, Möbius and Hückel Aromaticity	2016	2021
Abhishek Kaushik	Engineering Sciences	T.A. Dwarakanath	Robot-based Autonomous Neuro-registration and Neuronavigation for Neurosurgery	2014	2020
Meenakshi Joshi	Chemical Sciences	Tapan K. Ghanty	Electronic Structure and Chemical Bonding in Novel Lanthanide and Actinide Compounds : A Comprehensive	2015	2020
K Sairam	Engineering Sciences	Tarasankar Mahata	Processing and Properties of Boron Carbide based Composite with Rare Earth Metal Oxide as Sinter Additive	2013	2021
Joti Nath Sharma	Engineering Sciences	Tessy Vincent	Development of Macrocyclic Extractants for Selective Separation of Cesium, Strontium and Technetium from Radioactive Waste Solutions	2013	2020
Bibekananda Sahoo	Life Sciences	Tirumala Kumar Chowdary	regulation Mechanism of Chikungunya virus Cell Entry Proteins	2013	2020
Rupesh Kumar Choudhary	Engineering Sciences	V Kain	Formation of Alumina Coatings by Thermal and Anodic Oxidation Processes and their Characterization	2012	2020
Ramu V Ranga Naldu Chinta	Chemical Sciences	V. Krishnan	Naphthalimide, Naphthaldehyde and Benzaldehyde based Fluorescent Materials: Synthesis of 1,2-Disubstituted Ferrocenes from Ferrocenyl <i>p</i> -tolyl Sulphoxide	2015	2021
Subhomoy Halder	Physical Sciences	Vijay Kumar Dixit	Magneto-Optical Transport Studies On Ultra-Low Disordered Semiconductor Quantum Wells Grown By Mopve.	2014	2020

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Arup Ratan Jana	Physical Sciences	Vinit Kumar	Electromagnetic Design and Beam Dynamics Studies in Elliptic Superconducting Radiofrequency (SRF) Cavities	2013	2021
Saroj Kumar Jena	Physical Sciences	Vinod Kumar Senecha	OPTIMIZATION OF A MULTI BUNCH TRAIN FILLING PATTERN FOR THE SUPPRESSION OF BEAM ION INSTABILITY IN ELECTRON STORAGE RING: CASE STUDY OF INDUS-2	2014	2020
Sujay Bhattacharya	Engineering Sciences	Vivekanand Kain	SURFACE CHARACTERIZATION AND OPTIMIZATION OF WIRE ELECTRIC DISCHARGE MACHINING PROCESS OF P91 STEEL	2013	2020
Deepali Mishra	Physical Sciences	Yogesh Kumar Srivastava	Black Hole Microstates and Solution Generating Techniques	2014	2021

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