

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
Abhav Ramaji Uthale	Life Sciences	Tanuja Teni	Deciphering the role of Mcl-1 in stress and autophagy in oral cancers	2015	2023
Abhirami S	Physical Sciences	Awadhesh Mani	Quantum coherence modulation in bismuth selenide topological insulator thin films and studies on superconductor-topological insulator heterostructures	2016	2023
Abhisek Padhy	Chemical Sciences	Jogendra Nath Behera	Metal Phosphate and Oxide based Electroactive Material for Energy Conversion and Storage Application	2018	2023
Acharekar Anagha Anil	Life Sciences	Shilpee Dutt	UNDERSTANDING THE ROLE OF RADIATION INDUCED CELL-CELL FUSION IN GLIOBLASTOMA.	2015	2023
Ahana Ghoshal	Physical Sciences	Ujjwal Sen	Towards a local version of the second law of thermodynamics and its utility in quantum thermal devices.	2018	2023
Ajay Kumar Keshari	Engineering Sciences	V Jayaraman	INVESTIGATIONS TOWARDS THE DEVELOPMENT OF SENSOR ARRAY AND INSTRUMENTATION FOR MULTIPLE ANALYTES	2015	2023
Akalesh Giridhari Yadav	Chemical Sciences	P K Mohaptra	Studies on the extraction chromatography of lanthanides and actinides from acidic feeds using diglycolamides	2019	2023
Akhil Antony	Physical Sciences	Dhiraj Kumar Hazra	A Primordial Solution to the Tensions in Cosmology	2017	2023
Alapan Dutta	Physical Sciences	Tapobrata Som	Optoelectronic optimization of thin films related to the metal oxide contact-based photovoltaic cell	2015	2023
Amod Kishore Mallick	Physical Sciences	Anurag Gupta	Studies on the Efficient Fission Source: Convergence in Monte Carlo Neutron Transport for Criticality and Source Mode Simulations	2016	2023
Amrita Datta	Physical Sciences	Indranil Das	Magnetic Properties of Co-Cr-Al Based Heusler Compounds	2016	2023
Anirban Dinda	Physical Sciences	Sayantani Bhattacharyya	Black hole Thermodynamics of Higher Derivative Theories of Gravity	2017	2023
Ankit Kumar	Physical Sciences	Suresh Kumar Patra	Structural Properties and Thermal Evolution of Neutron Stars through Dense Matter Equation of State with Gravitational Observational Constraints	2018	2023
Apurba Atul Kumar Biswas	Physical Sciences	R. Rajesh	Mpemba effect in granular and Langevin systems	2018	2023
Arnab Jyoti Deka	Engineering Sciences	Mainak Bandyopadhyay	DESIGN, DEVELOPMENT AND CHARACTERIZATION OF DOPPLER SHIFTED SPECTROSCOPIC DIAGNOSTIC SYSTEM FOR NEGATIVE HYDROGEN ION BEAM IN FUSION APPLICATION	2015	2023
Arnob Kumar Ghosh	Physical Sciences	Arijit Saha	Floquet generation of higher-order topological systems	2018	2023
Arun Aravind	Physical Sciences	C V Srinivas	OBSERVATIONAL AND NUMERICAL MODELLING STUDIES OF ATMOSPHERIC FLOW FIELD AND DISPERSION OF AIR-BORNE RELEASES OVER KAIGA COMPLEX TERRAIN SITE	2015	2023
Arun Kumar Panda	Physical Sciences	Divakar R	Texture evolution and atomistic simulation of nano-hardness of thin films	2015	2023
Arunima Bhattacharya	Physical Sciences	Prakash Mathews	Radiative corrections and threshold resummed predictions to pseudoscalar Higgs boson production in QCD	2017	2023
Arup Kumar Maity	Mathematical Sciences	Ratnakumar P K	ON FOURIER AND WEYL MULTIPLIERS	2016	2023
Arvind Kumar Bind	Engineering Sciences	Ram Aciwas Singh	Mechanistic approach to understand the hydride embrittlement of Zr nb alloy	2013	2023
Ashis Mathuri	Chemical Sciences	Prasenjit Mal	Sustainable Approaches in the Synthesis of Organosulfur Compounds	2019	2023
Asim Kumar Das	Physical Sciences	B N Rajasekhar	Vibrational and electronic state spectroscopy studies on carbonate green solvents using synchrotron radiation	2017	2023
Astik Haldar	Physical Sciences	Abhik Basu	STATISTICAL PHYSICS PERSPECTIVES ON DRIVEN SYSTEMS	2017	2023
Avnish	Physical Sciences	Kirtiman Ghosh	Exploring Neutrino Mass and Dark Matter Motivated TeV Scale Scenarios at the Collider Experiments	2016	2023
Barua Siddhartha Anup	Life Sciences	Ashok K Verma	A structure-based approach to elucidate protein-protein interactions of BRCT repeats	2016	2023
Bhagya Shree Choudhary	Life Sciences	Sorab N Dalal	Identification of mechanisms required for tumor progression upon LCN2 overexpression.	2016	2023
Bhase Swapnil Shashikant	Engineering Sciences	Sulekha Mukhopadhyay	State Estimation and Parameter Estimation of Differential-algebraic Equation (DAE) Systems	2015	2023
Bhasker D	Life Sciences	Amit Dutt	Characterizing genome-wide aberrations that underlie oral cancer	2016	2023
Bibhabasu De	Physical Sciences	Debotam Das	EXPLORING SIGNATURES OF SUPERSYMMETRIC AND NON-SUPERSYMMETRIC MODELS THROUGH COLLIDERS, COSMOLOGICAL AND PRECISION DATA OF OBSERVABLES	2017	2023
Bijadeep Dutta	Chemical Sciences	P A Hassan	Physico-chemical and biological evaluation of organic-inorganic nanostructures for cancer therapy	2018	2023
Bimalesh Giri	Physical Sciences	Ajaya Kumar Nayak	Nontrivial and topological magnetic states in Mn-rich In-based ferrimagnetic systems	2017	2023
Biswajit Apat	Applied Systems Analysis	Franay Kumar Swan	Lived experiences in contractual employment: A sociological study of early career teachers of government elementary schools in Odisha	2017	2023
Biswajit Das	Physical Sciences	Pankaj Agrawal	Probing Anomalous Higgs Boson Couplings at Colliders	2014	2023


17/12/23

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 Training School Complex, Anushakti Nagar, Mumbai - 400 094

Biswajit Pada Samanta	Chemical Sciences	K Ananthasivan	EXPERIMENTAL INVESTIGATION OF PHASE EQUILIBRIA, PHASE STABILITY AND THERMOPHYSICAL PROPERTIES OF Zr & U-BASED ALLOYS	2017	2023
Bollareddy Revanth Reddy	Physical Sciences	C V Srinivas	Observational analysis and Numerical Modeling studies of Sea Breeze, Convective thunderstorms and Air Pollution Dispersion along the southeast coast of India	2017	2023
Brataji Mukherjee	Life Sciences	Manjusha Dixit	Mechanistic Insights Towards Understanding FRG1 Mediated Regulation of Breast Tumorigenesis and Angiogenesis in Different Molecular Subtypes	2016	2023
Chandan Mahish	Life Sciences	Subhasis Chattopadhyay	Role of TLR4 in Chikungunya virus (CHIKV) infection and associated altered cell mediated immune responses	2016	2023
Chandrayee Mukherjee	Life Sciences	Kaushik Sengupta	Role of Lamin A Mutations in Myogenesis	2017	2023
Charanpreet Singh	Physical Sciences	Ajaya Kumar Nayak	Manipulation of non-trivial magnetic states in electron doped noncollinear antiferromagnetic Mn3Sn	2016	2023
Chavan Kashinath Tukaram	Physical Sciences	Priya Mahadevan	Magnetic and Transport Characteristics of CdTe Nanostructures using ab-initio Techniques	2016	2023
Chinapareddygaru Teena Mouni	Engineering Sciences	Shaju K Albert	Effect of Prior Deformation above Md Temperature on the Tensile Behaviour of Type 304 Metastable Austenitic Stainless Steel	2014	2023
Dasarath Maji	Chemical Sciences	K Ananthasivan	Gel based methods for the synthesis of nanocrystalline TiO2 and (U1-yCey)O2+x and their characterization	2016	2023
Dasarathi Padhan	Applied Systems Analysis	Amrendra Das	Integrated Economic and Environmental Accounting of Mineral Resources in India	2017	2023
Debasish Mallick	Physical Sciences	Bedangadas Mohanty	Probing thermalization and deuteron production mechanism via fluctuations in heavy-ion collisions in STAR at RHIC	2016	2023
Debayan Purkait	Life Sciences	Padmaja Prasad Mishra	Investigation of nucleo-protein interactions in prokaryotic DNA repair and genome architecture using single-molecule spectroscopy	2017	2023
Dhillipan P	Physical Sciences	Sharat Chandra	Quantum state determination and entanglement distillation using single-photon interferometry	2015	2023
Dilruba Hasina	Physical Sciences	Tapobrata Som	NANOSCALE TiOx-BASED MEMRISTIVE SYNAPTIC DEVICES FOR NEUROMORPHIC COMPUTING APPLICATIONS: ROLE OF DEFECT ENGINEERING	2015	2023
Dipen Paul	Physical Sciences	Tilak Kumar Ghosh	Experimental study of quasi-fission and shell effects in fission of heavy nuclei	2016	2023
Diptesh Kumar Saha	Mathematical Sciences	Panchugopal Bikram	NON-COMMUTATIVE NEVEU DECOMPOSITION AND ASSOCIATED ERGODIC THEOREMS	2017	2023
Duhita Sengupta	Life Sciences	Kaushik Sengupta	Lamins and DNA Damage in context of Gynaecological Cancers	2017	2023
Ekata Nandy	Physical Sciences	Subhasis Chattopadhyay	Exploring high density nuclear matter with dimuons & hadrons at FAIR energies	2017	2023
Gaurav Singh	Physical Sciences	Debabrata Biswas	Modeling space charge affected electron emission from the curved surface using Particle-in-Cell technique	2018	2023
Gayathri V	Physical Sciences	Awadhesh Mani	Evolution of superconducting critical properties of Bi-based high temperature superconductors under extreme conditions and in proximity with manganites	2017	2023
Gopinath Sahoo	Mathematical Sciences	Umesh K V Dubey	TENSOR T-STRUCTURES ON THE DERIVED CATEGORIES OF SCHEMES	2016	2023
Gorekh Prasad Sena	Mathematical Sciences	K Senthil Kumar	Lehmer's problem and algebraic points of Weierstrass sigma functions	2017	2023
Gourab Karmakar	Chemical Sciences	G Kedarnath	Design, Synthesis and Characterization of Molecular Precursors for Metal Chalcogenide Materials and their Energy Applications	2019	2023
Hariom Sagarwal	Physical Sciences	Prashant Shukla	Study of atmospheric muons and muon-neutrinos and their interactions	2018	2023
Himanshi Singh	Physical Sciences	V. K. Aswal	Probing Nanoparticle-Surfactant Complexes using Scattering Techniques	2018	2023
Hiral Uday Mistry	Life Sciences	Gagan Deep Gupta	Structure-Function Studies of Component Proteins of Transcription-Coupled Nucleotide Excision Repair (TC-NER) Complex	2017	2023
Jagannath Mahapatra	Physical Sciences	Rajaraman Ganesh	MAGNETOHYDRODYNAMIC STUDY OF MAGNETIC ISLAND COALESCENCE - ROLE OF SHEAR FLOWS	2017	2023
Jasraj Vaishnav	Life Sciences	B B Mishra	RADIATION PROCESSING FOR DEVELOPMENT OF MINIMALLY PROCESSED READY-TO-COOK (RTC) CAULIFLOWER AND ITS IMPACT ON FLAVOR QUALITY	2017	2023
Kailasa Ganapathi S	Physical Sciences	S C Gadkari	TOXIC GAS DETECTION BASED ON INORGANIC, ORGANIC MATERIALS, THEIR COMPOSITES AND ALLIED TECHNIQUES	2017	2023
Kapuganti Ramani Shyam	Life Sciences	Debasmita P Alone	Genetic and epigenetic regulation of candidate genes associated with pseudoexfoliation	2016	2023
Kartik Dutta	Chemical Sciences	Sunil Kumar Ghosh	Design, Synthesis and Biological Evaluation of Small Heterocyclic Molecules	2017	2023
Keskar Nachiket Avinash	Engineering Sciences	R Tewari	A Study on the Discontinuous Precipitation of α -Cr in Ni-Cr Alloys	2015	2023
Koustuv Roy	Physical Sciences	Subhankar Bedanta	Spin to charge conversion in heterostructures comprising metallic ferromagnets, Heusler alloy along with heavy metal and antiferromagnets	2017	2023
Kumar S	Engineering Sciences	B Venkatraman	PHASED ARRAY ULTRASONIC TESTING OF DISSIMILAR WELD JOINTS - MODELLING AND EXPERIMENTS	2014	2023
Kumar Sourabh	Engineering Sciences	J B Singh	DYNAMIC STRAIN AGING & CREEP BEHAVIOR OF ALLOY 690	2016	2023
Kundharapu Satyamurthy	Life Sciences	Tirumala Kumar Chowdary	Dengue Virus Non-structural Protein Complexes in Genome Replication: Structural and Functional Characterization	2015	2023
Lokesh Goel	Engineering Sciences	Raghendra Tewari	Irradiation-Induced Evolution of second phase precipitates in Zr-Nb based alloys	2015	2023

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Lokesh Kishore Mishra	Life Sciences	Shashidhar R	Molecular mechanism involved in starvation physiology of Salmonella enterica serovar Typhimurium	2017	2023
Mabin Joseph Puthiakulangara	Engineering Sciences	R. Balasubramanian	Analysis of Lightweight Symmetric Key Algorithms and Their Software Implementations	2014	2023
Madhusmita Baral	Physical Sciences	Tapas Ganguli	CRYSTAL STRUCTURE AND PHYSICAL PROPERTIES OF Co AND Ni BASED HALF HEUSLER ALLOYS: A COMBINED THEORETICAL AND EXPERIMENTAL STUDY	2016	2023
Mamta Jangra	Physical Sciences	Prashant Shukla	Cosmic Muon Veto Detector at miniCAL	2017	2023
Manjeet Singh	Chemical Sciences	Arnab Sarkar	Laser induced breakdown spectroscopy (LIBS) for direct analysis of nuclear fuels and waste glasses.	2018	2023
Maynak Chakraborty	Life Sciences	Debasmita P. Alone	Genetic variants of LAMC1, ATP1B1 as risk factors and transcriptional regulation of CASP8BP2 in the pathophysiology of Fuchs Endothelial Corneal Dystrophy	2015	2023
Md Faruk Abdulla	Physical Sciences	Pinaki Majumdar	Weyl semimetals and their surface states in magnetic fields.	2017	2023
Md Zamal Abdul Naser	Physical Sciences	Vaishali Naik	Development and Characterization of Electron Gun and Low Energy Beam Transport Line for Superconducting Electron Linac of ANURIB facility at VECC	2015	2023
Menka Sukhwani	Engineering Sciences	V B Chandratre	Study and Design of ASIC Based Frontend Readout Electronics Topologies for High Energy Physics Experiments	2016	2023
Milan Patra	Physical Sciences	Sayantani Bhattacharyya	The Fluid-Membrane-Gravity Duality	2016	2023
Mohammad Shabbir	Physical Sciences	Nemani V Suryanarayana	Lie Algebraic Decomposition of Black Hole Partition Functions	2015	2023
Mohandas Karamchand Pradhan	Engineering Sciences	Praveen Kumar	STUDY ON RESPONSE OF GROUP OF PILES IN COHESIONLESS SOIL UNDER DYNAMIC LOADS	2013	2023
Mrityunjoy Charan	Mathematical Sciences	Jaban Meher	Some problems on nearly holomorphic modular forms	2018	2023
Mulla Saim Wasi	Life Sciences	Prasanna Venkartraman	Proteasomal Chaperones and the CrossTalk with NF- κ B Signaling- An Integrated Network and Experimental approach	2014	2023
Naini Shibojyoti Chakraborty	Life Sciences	Rukmini Govekar	Study of Organelle Dynamics, Relative Organelle Positioning, and Interorganelle Contact Sites	2015	2023
Namitha Janardhanan	Chemical Sciences	N Sivaraman	Application of Laser-Induced Breakdown Spectroscopy and Mass Spectrometry Based Techniques Towards Chemical Characterization of Nuclear Materials	2017	2023
Namrata Prusty	Chemical Sciences	Pooneri C Ravikumar	Synthesis and Functionalization of N-Heterocycles via Bismuth catalyzed SEAr reaction and Nickel Catalyzed C-H/C-N bond activation	2017	2023
Namrata Upadhyay	Chemical Sciences	Ravi Shankar Anne	Electrochemical Noise Studies to Evaluate Localized Corrosion in Structural Materials of Future Fast Breeder Reactors	2015	2023
Natu Abhiram Girish	Life Sciences	Sanjay Gupta	Understanding the role of epigenetic alterations in acquisition of chemoresistance in cancer	2016	2023
Neelima	Life Sciences	Amit Dutt	Characterization of long non-coding RNAs in human breast cancer	2016	2023
Neelima Khare	Engineering Sciences	Vivekanand Kain	TRIBOCORROSION STUDIES ON HEAT TREATED 13Cr MARTENSITIC STAINLESS STEEL SLIDING UNDER DRY, NONCORROSIVE AND CORROSIVE MEDIUMS	2016	2023
Nibedita Samanta	Chemical Sciences	Ashish Jain	AlCl ₃ ASSISTED CONVERSION OF URANIUM AND LANTHANIDE (Sm, Nd, Pr, Ce AND La) OXIDES TO THEIR CORRESPONDING CHLORIDES IN MOLTEN LiCl-KCl EUTECTIC FOR PYROCHEMICAL REPROCESSING	2016	2023
Nishith Ghosh	Chemical Sciences	Jahur Alam Mondal	INTERFACE-SELECTIVE VIBRATIONAL SPECTROSCOPIC STUDY OF AQUEOUS INTERFACES: APPLICATION TO ATMOSPHERIC AND BIOLOGICAL SYSTEMS	2017	2023
Nitish Paul	Physical Sciences	P K Mukhopadhyay	STUDIES ON DISSIPATIVE SOLITON PULSE SHAPING IN MODE-LOCKED FIBER LASER AND AMPLIFIER	2016	2023
P Anand Kumar	Physical Sciences	N V Chandra Shekar	Structural properties of transition metal borides under pressure and irradiation	2017	2023
Parvathy Harikumar	Physical Sciences	Sharat Chandra	Empirical and semi-empirical modeling of electron transport in disordered magnetic tunnel junctions	2016	2023
Paulson Varghese	Engineering Sciences	S Ningshen	Development of Ceramic Coatings for FBR Applications Involving High Temperature Sodium Environment	2016	2023
Pavan A R	Engineering Sciences	M Vasudevan	Study of the Effect of Advanced Welding Processes on the Microstructure, Mechanical Properties and Residual Stresses of Thick type 316L(N) Stainless Steel Weld Joints	2015	2023
Perumalsamy G	Engineering Sciences	S Murugan	Investigation of motion planning and control of robotic arm and reliable eddy current probe design for inspection of steam generator tubes	2013	2023
Prafulla Saha	Physical Sciences	Prolay Kumar Mal	Probing new physics through Standard Model Higgs to diphoton signature in pp collisions at $\sqrt{s}=13$ TeV	2017	2023
Prakash Haloi	Life Sciences	V Badireenath Konkimalla	Development and Characterization of a Drug-loaded Smart Injectable Hydrogel as a Drug Delivery System for the Treatment of Rheumatoid Arthritis	2017	2023
Pranav Day	Life Sciences	Abhijit De	Imaging molecular interaction dynamics in drug resistance breast cancer	2017	2023
Prashant Kumar Mishra	Life Sciences	Suchandra Chatterjee	ENHANCEMENT OF POST-HARVEST QUALITY OF FISHERY PRODUCTS THROUGH HURDLE TECHNOLOGIES	2017	2023
Prateek Inderjeet Kaur Chawla	Physical Sciences	C M Chandrashekar	Quantum walks on networks – A paradigm for quantum simulation and computation	2018	2023


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Prerana Dash	Life Sciences	Rudresh Acharya	Structure-function-dynamics of PanPL, a bacterial polysaccharide lyase from the PL-5 family	2016	2023
Prince Kumar	Physical Sciences	Devendra Sharma	STUDY ON ROTATING DUSTY PLASMA EQUILIBRIA AND THEIR EXCITATIONS IN STRONGLY COUPLED QUASI-LOCALIZED REGIME	2017	2023
Pritam Palit	Physical Sciences	Subir Sarkar	Search for Higgs boson pair production in HH $\bar{a}^* \bar{b}b4$ final state using CMS data at $\bar{a}^* \bar{s}s = 13$ TeV at the LHC.	2017	2023
Priyanka Tiwari	Engineering Sciences	Surya K Pathak	ANALYSIS, DESIGN AND CHARACTERIZATION OF METASURFACES FOR RCS REDUCTION	2018	2023
Promita Roy	Physical Sciences	Supratik Mukhopadhyay	Studies of optimization of gaseous ionization detectors for muon imaging	2017	2023
Pushpendra Gupta	Physical Sciences	Subhankar Bedanta	Study of spin pumping and inverse spin Hall effect on manganite based thin films	2017	2023
Ragavendran M	Engineering Sciences	M Vasudevan	Effects of Arc, Laser and Hybrid Laser-Arc Welding Processes on the Weld Attributes of Type 316LN Stainless Steel Weld Joints	2014	2023
Rahul Ghosh	Chemical Sciences	Bidraha Bagh	Development of Ruthenium and Iron Complexes for Catalytic Applications in Sustainable Oxidations and Reductions.	2018	2023
Rajata Kumar Sahoo	Chemical Sciences	Sharanappa Nembenna	Molecular Zinc(I) Dimers, Zinc(II) Hydrides, and Cations: Synthesis, and Catalytic Applications with Mechanistic Insights	2017	2023
Rajeeb Ranjan Mohanta	Mathematical Sciences	Panchugopal Bikram	CONTRACTIVITY OF ORNSTEIN-UHLENBECK SEMIGROUP AND APPROXIMATION PROPERTY OF MIXED q -DEFORMED ARAKI-WOODS VON NEUMANN ALGEBRA	2017	2023
Rajesh Patel	Engineering Sciences	N V Chandra Shekar	ADVANCED SIGNAL PROCESSING TECHNIQUES TO ANALYZE THE HUMAN BRAIN AND HEART ACTIVITIES RECORDED DURING COGNITIVE WORKLOAD TASK	2017	2023
Ram Pada Das	Chemical Sciences	A Kunwar	Preparation, characterization and efficacy evaluation of protein nano-carrier/gel-based drug delivery systems for therapeutic applications	2018	2023
Rama Krishna Pagoti	Chemical Sciences	Hrudananda Jena	Luminescence properties of lanthanide and uranium doped borophosphate glasses.	2018	2023
Ramakrishna Reddy Sareddy	Chemical Sciences	N Sivaraman	Some studies on platinum supported silica catalyst for preparation of U(IV) towards reprocessing application	2017	2023
Rashmi Puja	Life Sciences	Kakoli Bose	Understanding the role of VRK2A in regulation of apoptosis and cancer	2015	2023
Rashmi Rekha Sahoo	Physical Sciences	Ritwick Das	Studies on Nonlinear Frequency Conversion Techniques using $\chi(2)$ Processes	2016	2023
Rita Behera Sahoo	Physical Sciences	S Pradhan	STUDIES ON QUANTUM INTERFERENCE EFFECTS IN ATOMIC ENSEMBLE	2016	2023
Rojalin Padhan	Physical Sciences	Manimala Mitra	Phenomenology of neutrino mass models at present and future collider experiments	2017	2023
Rupali Pal	Physical Sciences	B K Sapra	Development of a combination neutron detector system for dosimetry in reactor and accelerator environment	2015	2023
Rupayan Biswas	Chemical Sciences	U Lourderaj	"Machine Learning Representation of Potential Energy Surfaces and Energy Transfer in Gas-Surface Scattering"	2016	2023
Sabir Shaikh	Physical Sciences	Sanatan Digal	Study of ZN symmetry in SU(N) gauge theories in the presence of matter fields	2016	2023
Sabyasachi Maulik	Physical Sciences	Harvendra Singh	Explorations in Entanglement and Holography	2018	2023
Sachin Tom	Engineering Sciences	P Mangarjuna Rao	NUMERICAL ANALYSIS OF SODIUM FLOW BOILING IN NARROW CHANNELS RELATED TO SFR SAFETY	2016	2023
Sagarika Meher	Chemical Sciences	Nagendra K Sharma	SYNTHESES AND BIOCHEMICAL ASSESSMENTS OF MODIFIED NUCLEOSIDES, NUCLEIC ACIDS AND PEPTIDES CONTAINING TROPOLONE SURROGATES	2016	2023
Saikat Bhattacharjee	Physical Sciences	Anjali Mukherjee	SYSTEMATIC STUDY OF REACTION MECHANISMS WITH STRONGLY AND WEAKLY BOUND PROJECTILES ON RARE-EARTH TARGET NUCLEI	2017	2023
Sajan Kumar	Physical Sciences	Ranjan Mittal	Thermodynamic Properties and Diffusion in Ionic Conductors	2018	2023
Sajid Ahmad	Physical Sciences	Ajay Singh	Effect of nano sized features on the thermoelectric performance of low, medium and high temperature range thermoelectric materials	2018	2023
Samyak Sanjay Munot	Engineering Sciences	A K Nayak	Experimental and CFD Simulations of Coolability and Ablation Behaviour of Sacrificial Material by Molten Corium in the Core Catcher of an Advanced Nuclear Reactor	2018	2023
Sandip Pattanaik	Chemical Sciences	C Gunanathan	Catalysis Based on Cobalt Pincer Complexes	2017	2023
Sanjeev Kumar Paridey	Physical Sciences	Rajaraman Ganesh	LINEAR AND NONLINEAR WAVES IN SPATIALLY NON-UNIFORM 1D VLASOV-POISSON PLASMAS	2016	2023
Santanu Tantubay	Mathematical Sciences	Punita Batra	On simple modules of some infinite dimensional Lie algebras	2018	2023
Saptarsi Mitra	Life Sciences	Praful S Singru	Neuropeptidergic regulation of the dopaminergic pathways in the brain	2016	2023
Satadal Das	Physical Sciences	Shantanu K Karkari	Studies on External Electrode Influence on Magnetized Plasma Properties in Linear Device	2016	2023
Satyabrata Datta	Physical Sciences	Ambar Ghosal	EXPLORING LEPTOGENESIS AND PRE-BBN UNIVERSE WITH PRIMORDIAL GRAVITATIONAL WAVES AND THEIR SPECTRAL FEATURES	2018	2023
Shabir Ahmad Dar	Physical Sciences	Sarmishtha Bhattacharyya	Nuclear Structure Studies of Sb (Z=51) Isotopes	2017	2023
Shailja Sharma	Physical Sciences	Ritwick Das	Topological aspects of electromagnetic wave propagation in one dimensional photonic crystals	2017	2023
Shiny Suresh Kumar	Chemical Sciences	Ankita Rao	TASK SPECIFIC SEPARATION PROCEDURES FOR PLUTONIUM RECOVERY	2017	2023

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Shuvankar Gupta	Physical Sciences	Chandan Mazumdar	Exploring half-metallic ferromagnetism and magnetic frustration in some structurally disordered novel quaternary Heusler alloy	2018	2023
Shyam Rao Ghodke	Engineering Sciences	B. K. Dutta	Assessment of change in mechanical properties of OFE Copper and Titanium grade 2 materials used in Linear Accelerator and Fusion Reactor using SPT specimens	2013	2023
Siba Prasad Sahoo	Physical Sciences	S Pradhan	DEVELOPMENT AND CHARACTERIZATION OF WIDELY TUNABLE SOLID-STATE LASER	2017	2023
Smriti Ranjan Mohanty	Physical Sciences	Krishnakumar S. R. Menon	SPECTROMICROSCOPY STUDIES OF SURFACES AND ULTRATHIN FILMS USING LEEM-PEEM METHODS	2016	2023
Sohini Mukhopadhyay	Life Sciences	Palok Aich	Role of Intestinal Microbiota on Exogenously Induced Colitis and Associated Physiological Changes: A Comparative Analysis of DSS and Antibiotic Treatment.	2017	2023
Sougata Koner	Physical Sciences	S Satapathy	Studies on La _{0.7} Au _{0.3} MnO ₃ (A=Ba, Sr and Pb) embedded P(VDF-TrFE) Nanocomposite films for Room Temperature Magnetolectric Coupling Applications	2017	2023
Soumya Sajal Sur	Physical Sciences	Mukul S Laad	Investigations into Quantum Compass Models in Two Dimensions	2015	2023
Sourav Mukhopadhyay	Engineering Sciences	V B Chandratre	Design and characterization of silicon pixel detector and its readout electronics for high energy physics experiments	2016	2023
Souvik Mukherjee	Life Sciences	Pritha Ray	Consequence of differential activation of Notch signaling in ovarian cancer progression and chemoresistance	2016	2023
Subhadip Jana	Physical Sciences	Debakanta Samal	Spin-orbit coupled electron transport, interface magnetism in transition metal oxide and heavy metal thin films	2016	2023
Subhankar Bhandari	Engineering Sciences	Tarasankar Mahata	Development and Characterization of Plasma Sprayed YPO ₄ Coatings on Graphite	2015	2023
Subhankar Mandal	Physical Sciences	Satyajit Hazra	Morphology and electronic structures of organic semiconducting thin films	2018	2023
Subhash Ghosh	Physical Sciences	Prasanta Karmakar	STUDY AND USE OF ION INDUCED SECONDARY EMISSION PHENOMENA	2014	2023
Subhoja Chakraborty	Life Sciences	Sampa Biswas	To design and generate specific protein inhibitors against Falcipain 2 from Plasmodium falciparum, a drug target for the malarial parasite	2016	2023
Subhojit Roy	Physical Sciences	Ashesh Krishna Datta	Some Cosmological and Collider Implications of the NMSSM	2017	2023
Sudhanshu Sharma	Engineering Sciences	M K Samal	Investigation of Deformation & Fracture Behaviour of Pressure Vessel Steel at High Strain Rate Loading	2015	2023
Sudip Chakraborty	Physical Sciences	Chandan Mazumdar	Novel Magnetic Ground-States Of Ternary Intermetallic R ₂ IrSi ₃ -Series (R = Gd-Ho) And Heusler Alloys	2018	2023
Sudipta Moshat	Physical Sciences	Dirtha Sanyal	THEORETICAL AND EXPERIMENTAL STUDIES OF ORGANIC INORGANIC HYBRID PEROVSKITE MATERIAL	2019	2023
Sukriti Hans	Physical Sciences	Mukesh Ranjan	Nanopatterns formation using low energy ions: Experiment and Simulation	2018	2023
Surman Jyoti De	Physical Sciences	Pinaki Majumdar	Study of topological phases in presence of magnetic fields.	2015	2023
Sunil L Naik	Mathematical Sciences	Sanoli Gun	Prime divisors of non-zero Fourier coefficients of Hecke eigenforms	2018	2023
Surbhi	Physical Sciences	Ritwick Das	Third order Nonlinear properties in 2 thin films	2017	2023
Sutanwi Lahiri	Engineering Sciences	D Mandal	A Study on Sonochemical Decontamination of Graphite Substrate	2019	2023
Swapnali Khamaru	Physical Sciences	Rajaraman Ganesh	EXPLORING ELECTRON PLASMAS CONFINED IN TOROIDAL MAGNETIC FIELD: A 3D PARTICLE-IN-CELL SIMULATION STUDY	2016	2023
Swarnima Singh	Physical Sciences	Pintu Bandyopadhyay	Experimental Study of a quasi two-dimensional Complex Plasma	2018	2023
Swaroop Chandra	Chemical Sciences	N Ramanathan	l _f and l _g Hole Driven Pnicogen Bonding involving Phosphorus and Nitrogen: Exploration through Matrix Isolation Infrared Spectroscopy and Quantum Chemical Methodology.	2018	2023
Swati Prava Rath	Applied System Analysis	Pranay Kumar Swan	Sociological contexts of solid waste in urban households: Uncovering the practices of waste segregation and littering in Bhubaneswar	2018	2023
Toshali Mitra	Physical Sciences	V. Ravindran	Studies of ultra-relativistic macroscopic phenomena including real time correlations	2018	2023
Totade Sumit Prakashrao	Life Sciences	J G Manjaya	Molecular mapping of resistance gene to bacterial leaf pustule in soybean	2016	2023
Trijit Kumar Maiti	Engineering Sciences	Sandip Pal	EXPERIMENTAL EVALUATION OF THE THERMODYNAMIC PROCESSES FOR HELIUM LIQUEFACTION/ REFRIGERATION SYSTEMS OPERATED IN MIXED MODE	2015	2023
Tusar Kanta Acharya	Life Sciences	Chandan Goswami	Elucidating the involvement of thermosensitive ion channels (TRPV4 and TRPM8) in mitochondrial structure-function relationship: Significance in physiology and diseases	2017	2023
Vadnala Rakesh Netha	Life Sciences	Rahul Siddharthan	Investigating how chromatin regulates gene expression and cellular processes	2016	2023
Vinay J	Life Sciences	Manjusha Dixit	Genetic Predisposition and Molecular Mechanistic Studies of Matrix Metalloproteinases in Gallbladder Carcinogenesis	2016	2023
Vivek Mahendrakumar Pachchigar	Engineering Sciences	Mukhesh Ranjan	SUPERHYDROPHOBIC SURFACES DEVELOPED THROUGH ARGON PLASMA PROCESSING FOR SELF-CLEANING AND WATER HARVESTING TECHNOLOGIES	2017	2023
Abhishek Kumar Srivastava	Engineering Sciences	N K Maheshwari	INVESTIGATION ON NATURAL CIRCULATION BEHAVIOUR OF MOLTEN SALT COOLANTS FOR MOLTEN SALT REACTOR	2016	2024

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Ajay Kumar Pandey	Engineering Sciences	S K Pathak	GUIDED AND LEAKY MODES CHARACTERISTICS OF DIELECTRIC LOADED HELIX STRUCTURE	2018	2024
Ajay Kumar Sharma	Life Sciences	Ramansujam Srinivasan	ASSEMBLY AND DYNAMICS OF Escherichia coli FtsZ MUTANTS L68W AND T127A AND VALIDATION OF FtsZ INHIBITORS USING FISSION YEAST AS A HETEROLOGOUS HOST	2016	2024
Alok Kumar	Physical Sciences	Anurag Gupta	Thermal Hydraulic Coupling with Neutron Kinetics in 540 MWe PHWR Reactors at TAPS-3&4	2014	2024
Alphy George	Physical Sciences	Divakar R	Origin of diffuse arcs in ω forming β Ti-Mo alloy	2015	2024
Amir Suhail	Physical Sciences	Rajesh Ravindran	Dissipation and recovery in collagen fibrils: modelling and simulations	2017	2024
Amit Akhuli	Chemical Sciences	Moloy Sarkar	Understanding the Interaction of Luminescent Coinage Metal Nnaoclusters with Target Analytes Using Vrious Spectroscopic and Microscopic Techniques	2018	2024
Amit Kumar Sharma	Chemical Sciences	Drishly Satpati	Development of Radiolabeled Peptides and Peptide-Drug Conjugates for Diagnostic Imaging and Targeted Radiotherapy of Cancerous Lesions	2018	2024
Amita Mahapatra	Chemical Sciences	Moloy Sarkar	Understanding the Intermolecular Interaction and Structural Organization in Some Imidazolium and Pyrrolidinium-based Ionic Liquids: Implications in Biological and Electrochemical Applications	2018	2024
Ananda Karak	Chemical Sciences	P.K. Mohapatra	STUDIES ON THE EXTRACTION AND LIQUID MEMBRANE TRANSPORT OF ACTINIDES FROM LEAN EFFLUENTS USING TRIPODAL AMIDE LIGANDS	2019	2024
Anoop K Unni	Engineering Sciences	M Vasudevan	NUMERICAL SIMULATION AND EXPERIMENTAL VALIDATION OF FUSION WELDING OF 316LN STAINLESS STEEL	2016	2024
Anuradha Roy	Life Sciences	Dulal Senapati	Exploring Clinical Prospects of Noble Metal-Based Investigation of Dengue Virus Infection and its Mechanical Profiling	2018	2024
Anwesha Mukherjee	Chemical Sciences	R Kumaresan	Studies pertaining to direct electrochemical de-oxidation of solid metal oxides in molten CaCl ₂	2017	2024
Argha Dutta	Physical Sciences	Paramita Mukherjee	Microstructural Characterization of Ion Irradiated Niobium and Its Alloy using X-Ray Diffraction Line Profile Analysis and Electron Back Scattered Diffraction Technique	2018	2024
Arghya Chatteraj	Physical Sciences	T Palani Selvam	Studies on stochastic distributions of energy deposition at cellular and sub-cellular levels in neutral and charged particles environment	2019	2024
Arpan Kundu	Physical Sciences	V Ravindran	On the Asymptotic Symmetry Algebra of Classical and Quantum Gravity	2015	2024
Ashutosh Srivastava	Chemical Sciences	Neetika Rawat	Redox and molecular speciation of actinyl ions in aqueous and deep eutectic solvent media	2017	2024
Bala Sundaram G	Engineering Sciences	K Velusamy	development of thermal hydraulic models for in vessel core catcher of future indian fast reactors	2014	2024
Bharatsingh Bhupendrasingh Rawat	Engineering Sciences	Sanjeev Kumar Sharma	Studies on Extraction of an Ion beam and its Transport from a Multi-Cusp Gridded Ion Source	2018	2024
Bhupendra Patidar	Engineering Sciences	AP Tiwari	Design Modelling and Experimental Validation of Induction Heating Process by using Single and Multistrand Copper Coils	2009	2024
Bikash Chandra Saha	Physical Sciences	S M Yusuf	Structural, Magnetic, Thermal, and Electronic-Ionic Conduction Properties of Naturally Grown Layered Transition Metal Oxides	2018	2024
Choudhury Abinash Bhuyan	Physical Sciences	Sandip Kumar Dhara	Effect of Heat Dissipation on Photoluminescence Quantum Yield in Large-area Monolayer MoS ₂ and Its Applications	2018	2024
Debasish Mishra	Applied System Analysis	Amarjeet Nayak	The Quest for a Home in the Jesus Trilogy of J.M. Coetzee	2019	2024
Devesh Raj	Physical Sciences	Umasankari Kannan	INVESTIGATION OF LIGHT WATER LATTICES FOR THORIUM UTILISATION	2017	2024
Dheeraj Kumar Singh	Engineering Sciences	B Dikshit	Study of high voltage discharge and optimization of electrical parameters in copper vapour laser	2019	2024
Dhyanendra Singh	Life Sciences	Palok Aich	The Impact of altered light-darkcycle on gut microbiota in a mouse model	2017	2024
Dievya Dilip Gohil	Life Sciences	Vikram Gota	Evaluation of phytochemicals with immunomodulatory activity for graft-versus-host disease prophylaxis	2016	2024
Dipika Dash	Physical Sciences	Amareesh Jaiswal	Relativistic dissipative hydrodynamics with extended relaxation time approximation	2017	2024
Dola Chakrabartty	Physical Sciences	Ajaya Kumar Nayak	Stabilization of magnetic skyrmion bubbles and anomalous magneto-transport properties in centrosymmetric hexagonal magnets	2017	2024
Esita Pandey	Physical Sciences	Subhankar Bedanta	Strain-driven tuning of properties in magnetic thin films: Towards Flexible Spintronics	2017	2024
Gurupada Ghorai	Physical Sciences	Pratap Kumar Sahoo	Plasmonic excitations in 1D and spin-interactions in 2D Cr-based Nanostructures	2017	2024
Hari Prasad Kolla	Engineering Sciences	V B Chandratre	Evolution and implementation of precision time interval measurement techniques in ASIC and FPGA technologies	2017	2024
Honey	Physical Sciences	D Indumathi	MAGNETIC FIELD STUDIES AND PHYSICS IMPLICATIONS FOR ICAL AT IND	2017	2024
Inchanalkar Mayuri Bhimrao	Life Sciences	Manoj B Mahimkar	Genomewide DNA methylation in leukoplakia and oral cancers	2015	2024
Jayanta Debnath	Physical Sciences	Arup Bandyopadhyay	CORRECTION OF MAGNETIC FIELD AND STUDY OF ORBIT STABILITY IN K500 SUPERCONDUCTING CYCLOTRON	2015	2024
Jobin Sebastian	Physical Sciences	Najmul Haque	Anisotropic aspects of heavy quarkonium potential in thermal QCD medium	2017	2024

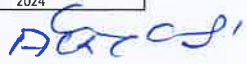
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Joydev De	Physical Sciences	Joydeep Bhattacharjee	Construction of optimally directed localized basis for arbitrary bond-angles, and correlated real time dynamics in the proposed directed basis for accurate estimation of optical properties of large systems	2015	2024
Kajal Singh	Physical Sciences	Anshuman Maharana	UNVEILING THE STATISTICAL CORRELATION BETWEEN THE COSMOLOGICAL CONSTANT AND SUSY BREAKING SCALE IN FLUX VACUA	2018	2024
Kaushal Jha	Engineering Sciences	R N Singh	FRICITION STIR WELDING OF Cu-Cr-Zr ALLOY	2018	2024
Keyurkumar Chetankumar Pancholi	Engineering Sciences	C P Kaushik	STUDY OF PLASMA-ASSISTED PYROLYSIS FOR APPLICATION IN RADIOACTIVE WASTE MANAGEMENT	2015	2024
Kiran Devi Tulsian	Chemical Sciences	Himanshu Sekhar Biswal	Storage, Stability, and Activity of ctDNA, tRNA, Hemoglobin and Cytochrome c in Choline ⁺ based Ionic Liquids	2017	2024
Komal Kumari	Physical Sciences	Sudhir R Jain	Towards controlled and tunable quantum computation: theoretical design and development	2020	2024
Kornikar Sen	Physical Sciences	Ujwal Sen	Energy extraction from quantum batteries.	2018	2024
Krishan Kumar	Physical Sciences	Pintu Bandyopadhyay	Excitation of non-linear waves and instabilities in a flowing dusty plasma	2018	2024
Laxmipriya Nanda	Physical Sciences	Kartik Senapati	Fabrication of NiBi ₃ nanostructures and studies of quantum transport in the resistive state of NiBi ₃ nanowires	2017	2024
Manish Kumar Gupta	Chemical Sciences	Nagendra K Sharma	SYNTHESIS AND CONFORMATIONAL ANALYSES OF UNNATURAL AMINO ACIDS AND THEIR HYBRID PEPTIDES	2017	2024
Md Abhishek	Physical Sciences	Dileep P Jatkar	Scattering Amplitudes in Bi- Adjoint Scalar and Massive Theories	2018	2024
Md Akhlak Alam	Physical Sciences	M K Tiwari	Application of synchrotron based spectroscopy methods for study of ion implanted materials	2018	2024
Mukesh Kumar Sharma	Engineering Sciences	M S Kulkarni	Design, Optimisation and Performance Evaluation of Portable Triple to Double Coincidence Ratio (TDCR) System as an Absolute Standard for Radioactivity Measurement	2017	2024
Murali A C	Chemical Sciences	V Krishnan	Thioketone and Pyrazole based Luminescent Boron Compounds: Synthesis, Characterization and Photophysical Properties of Poly(indazaboles)	2017	2024
Nachiketa Sahu	Chemical Sciences	Jogendra Nath Behera	MOF-derived metal chalcogenide nanostructured materials as electrocatalysts for water splitting in electrochemical energy conversion	2018	2024
Nandyala Pavan Kumar	Engineering Sciences	V H Patankar	Study, Simulation and Experimentation for Ultrasonic Imaging and Gauging of Thin walled Tubes and Pipes	2018	2024
Nishant Gupta	Physical Sciences	Nemani V. Suryanarayana	Aspects of chiral symmetries in holography	2018	2024
Parvathy N S	Physical Sciences	R Govindaraj	Mössbauer Studies on Some Fe/Bi Based Multifunctional Oxides	2016	2024
Peddireddy M S Reddy	Engineering Sciences	S R Shimjith	Model Reference Adaptive Control for Power Control of Nuclear Reactors	2018	2024
Pooja Agarwal	Physical Sciences	Biswajit Karmakar	CORRELATIONS EFFECTS IN TWO DIMENSIONAL SYSTEMS	2017	2024
Prajnashree Panda	Chemical Sciences	Sudip Barman	Fabrication of hybrid nanostructured materials and porous carbon for energy storage and gas adsorption application.	2018	2024
Pritam Nanda	Physical Sciences	Amit Ghosh	A study on the Symmetry of quasilocal horizon and Hawking radiation	2017	2024
Priyabrata Das	Physical Sciences	Ushasi Datta	Study of exotic decay near proton drip line	2018	2024
Puchakayala Rajani	Chemical Sciences	C V S Brahmananda Rao	Experimental and Theoretical Studies on the Extraction of Actinides by Organophosphorus Compounds.	2018	2024
R Rakesh Radhakrishnan	Engineering Sciences	R Tewari	PHASE TRANSFORMATION AND OXIDATION BEHAVIOUR OF URANIUM-MOLYBDENUM BASED TERNARY ALLOYS	2015	2024
R Thiru Senthil	Physical Sciences	D Indumathi	TAU NEUTRINO STUDIES AT THE PROPOSED ICAL DETECTOR IN INO	2016	2024
Raghendra Singh	Physical Sciences	Sujay K Ashok	The Role of Spacetime Curvature in Quantum Phenomena at Various Length Scales	2016	2024
Rahul Agarwal	Chemical Sciences	Manoj K Sharma	ELECTROCHEMICAL DETERMINATION AND RECOVERY OF URANIUM AND PLUTONIUM IN AQUEOUS MEDIUM	2018	2024
Rajeev Dutt	Physical Sciences	Aparna Chakrabarti	First-principles calculations to study effects of Substitution on Thermoelectric and Spintronic properties of Heusler alloys	2017	2024
Rakesh Ranaj Behera	Chemical Sciences	Bidraha Bagh	Development of Low-valent Manganese Complexes for the Catalytic Applications in Hydroxylation Reactions	2018	2024
Ram Karan	Chemical Sciences	T Sreenivas	Studies on Leaching of Rare Earth Values from Primary and Secondary Resources using Deep Eutectic Solvents	2018	2024
Ram Krishna Mohanta	Engineering Sciences	G Ravi	Investigation of thermal plasma jet for low-pressure plasma spraying	2018	2024
Ram Prasad Sahu	Life Sciences	Chandan Goswami	Importance of TRPV3 in the regulation of sub-cellular organelles functions: Implications in health disorders	2016	2024
Ramandeep Gandhi	Physical Sciences	S Santra	Surrogate reactions relevant for fission and fusion reactors	2020	2024

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Ramit Das	Mathematical Sciences	Prakash Saivasan	A Logical Study of the Improvement Graphs formed from Games	2016	2024
Reshbhari Rudra	Physical Sciences	Debabrata Biswas	Modeling and characterization of emission and transport from Large Area Field Emitters	2019	2024
Rojalin Pradhan	Life Sciences	Renjith Mathew	Cytoskeletal phenomena associated with novel lateral E-Cadherin junctions during organ degeneration in the respiratory system of Drosophila melanogaster.	2015	2024
Roni Dey	Physical Sciences	Lalit Mohan Pant	Measurement of anti-neutrino by ISMRAN at Dhruva Research Reactor	2017	2024
Sahadev Barik	Chemical Sciences	Moloy Sarkar	Studies on the Structural Organizations and Dynamics of Some Deep Eutectic Solvents and Room Temperature Ionic Liquids in the Absence and Presence of Electrolyte and Biomolecule by Various Spectroscopic Methods	2018	2024
Saket Vatsa Mishra	Life Sciences	Shilpee Dutt	Understanding the molecular mechanism of leukemia resistance using cellular and pre-clinical model of leukemia resistance	2016	2024
Sangeeta Ashok Anupama Dhuri	Physical Sciences	K Mahata	PROBING SHELL EFFECTS IN FISSION OF NUCLEI WITH A ≈ 200	2018	2024
Sanjit Kumar Parida	Chemical Sciences	Hrudananda Jena	Rational Design of Non-Precious Metal and Carbon Based Electrocatalysts for Oxygen Reduction Reaction	2018	2024
Saugata Roy	Physical Sciences	Satyajit Hazra	Tuning structural ordering of π C-conjugated homopolymer and donor-acceptor copolymer thin films	2018	2024
Saurabh Kumar Gupta	Life Sciences	Vikram Gota	Evaluation of oral Withaferin-A for prophylaxis against acute Graft versus Host Disease in murine model of allogeneic hematopoietic stem cell transplantation.	2019	2024
Saurabh Srivastava	Engineering Sciences	A Topkar	STUDY AND OPTIMIZATION OF SILICON PHOTOMULTIPLIER – SCINTILLATOR DETECTOR BASED INSTRUMENTATION FOR RADIATION MONITORING APPLICATIONS	2018	2024
Shefali Shukla	Physical Sciences	R N Singh	Evaluation of hydrogen diffusion parameters for Zr-2.5%Nb alloy pressure tube material using Neutron Imaging Technique	2017	2024
Shivam Gola	Physical Sciences	V Ravindran	A Phenomenological studies of WIMP models	2017	2024
Shubham Gupta	Mathematical Sciences	Kalyan Chakraborty	Diophantine m-tuples in Quadratic Number Fields	2018	2024
Sinjumol K Rajan	Physical Sciences	Anil K Debnath	Development of Toxic Gas Sensors (H ₂ S, NO _x , NH ₃ , Cl ₂ , CO etc.) for Electronic Nose Application	2018	2024
Sk Jamaluddin	Physical Sciences	Ajaya Kumar Nayak	Characterization of non-trivial spin texture and anomalous electronic transport properties in Mn-based Heusler systems	2018	2024
Smriti Medha Mishra	Physical Sciences	Biswarup Satpati	Fabrication of Different Nanostructures for Photovoltaic Applications and Their Correlation with Structural Properties	2018	2024
Sneha Das	Physical Sciences	Sarmishta Bhattacharyya	Single particle and collective excitations above Z = 82	2019	2024
Sohail	Physical Sciences	Anirban Basu	NONSEPARABILITY AND CHANNEL-STATE DUALITY IN QUANTUM INFORMATION	2015	2024
Sonali Panigrahy	Chemical Sciences	Sudip Barman	Carbon supported nanomaterials for electrochemical energy applications	2018	2024
Sougata Rakshit	Physical Sciences	M S Kulkarni	DEVELOPMENT AND ESTABLISHMENT OF A TRANSFER STANDARD IONIZATION CHAMBER FOR USE IN DOSIMETRY OF BETA RADIATION	2017	2024
Soumen Das	Chemical Sciences	Sudipta Chakraborty	Clinical scale formulation and evaluation of novel diagnostic agents based on ^{99m} Tc and ⁶⁸ Ga	2017	2024
Srijan Ghosh	Physical Sciences	Aditi Sen De	Designing quantum thermal machines in many-body quantum systems	2018	2024
Subhashree K	Chemical Sciences	A Suresh	A study on tris(2-methylbutyl) phosphate as an extractant for the processing of nuclear materials	2018	2024
Subhendu Das	Physical Sciences	Nayana Majumdar	Particle Tracking with Gaseous Detectors and Development of Related Readouts	2018	2024
Subrat Sethi	Chemical Sciences	Bidraha Bagh	Synthesis and characterization of copper complexes with tridentate NNO and NNS ligands and their catalytic applications in oxidation and cycloaddition reactions	2018	2024
Suchanda Mondal	Physical Sciences	Biswarup Satpati	Studying Magnetic Properties of Layered van der Waals Single Crystals	2017	2024
Suchita Dubey	Life Sciences	Ashok Varma	Structural and functional basis to evaluate PML-RARA response to arsenic trioxide	2015	2024
Sudeshna Saha	Chemical Sciences	R K Singhal	Studies on advanced materials for e-waste management	2019	2024
Sudip Bhowmick	Physical Sciences	Prasanta Karmakar	Growth and properties of nano-dot and wire structures developed by ion-implantation on pre-fabricated nano-templates	2019	2024
Sujan Kumar Roy	Physical Sciences	Jhilam Sadhukhan	Study of Compact Stars and their Properties	2019	2024
Sukanya	Life Sciences	Sanjay Gupta	Delineating the hypoxic microenvironment induced changes in cancer epigenome	2016	2024
Sumit	Engineering Sciences	Rahul Shukla	Investigation on shape control methodologies of piezoactuator-based x-ray deformable mirror, its fabrication and characterization for adaptive optics	2017	2024
Surabhi Tiwari	Physical Sciences	V. Ravindran	Next-to-Soft Virtual resummed corrections to processes at the LHC	2017	2024
Surajit Panda	Chemical Sciences	Bidraha Bagh	Development of Iridium Catalyst for α -Alkylation using Alcohol as Alkylating Partner and Utilization of Cobalt Catalyst for Hydrosilylative Reduction.	2018	2024
Suranjit Kumar	Engineering Sciences	M K Samal	Development of Damage Models for Porous Ductile Material Subjected to Wide Range of Stress Triaxialities	2017	2024

17/08/2024

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Sushil Kumar Bahuguna	Engineering Sciences	A P Tiwari	Compressed Sensing Distributed Artificial Neural Network for Core Flux Distribution Monitoring in Nuclear Reactor	2014	2024
Tanay Dev	Physical Sciences	Subhasis Chattopadhyay	DEVELOPMENT OF AN RPC SYSTEM WITH DETAILED PERFORMANCE SIMULATION	2016	2024
Tanmoy Bar	Physical Sciences	Chinmay Basu	High current ion beam reaction studies and heat generation in targets	2017	2024
Tanmoy Ghosh	Physical Sciences	Manoj K Sharan	Investigation of Cosmic-Ray Muon Flux Variation with Overburden and Study of Nuclear Physics Inputs to Astrophysics.	2018	2024
Tanmoy Pain	Chemical Sciences	Sanjib Kar	Design, Modification, and Diverse Applications of Tetrapyrrolic Macrocycles: Exploring both Free-Base and Metallated Variations	2018	2024
Tarang Gaur	Life Sciences	Syed K Hasan	Molecular and functional characterization of small molecule inhibitors to evaluate anti-tumor activity in acute myeloid leukemia	2017	2024
Telagasetti Santhosh	Physical Sciences	P C Rout	Measurement of Nuclear Level Density through Fast Neutron Spectroscopy	2018	2024
Tribeni Mishra	Physical Sciences	Sanjay Kumar Swain	Searches for SUSY and HCal performance studies with CMS Run 2 data	2017	2024
Tripti Verma	Life Sciences	Sanjay Gupta	Stem loop binding protein (SLBP), a key factor in the control of histone gene expression and its implication in cancer progression	2016	2024
Uday Pandey	Life Sciences	Palok Aich	Gut microbial regulation of intestinal epithelial development in mice and organoid models- a postnatal temporal study	2017	2024
Umang Ashwin Dattani	Physical Sciences	Pinaki Chaudhuri	Cavitation instabilities in amorphous solids: an athermal study	2017	2024
Unmesh Dutta Chowdhury	Chemical Sciences	Bhargava B. L	INVESTIGATING THE AGGREGATION OF NEURODEGENERATIVE PROTEINS USING MOLECULAR DYNAMICS SIMULATIONS: IMPLICATIONS FOR TAU PATHOGENESIS	2018	2024
Utkalika Priyadarshini Sahoo	Physical Sciences	Pratap Kumar Sahoo	Defect induced tunable charge density wave ordering and optical properties in 2D -TiSe ₂ TMDCs materials	2018	2024
Vaddanam Venkata Sravani	Chemical Sciences	A Suresh	Synthesis and Evaluation of Novel Functionalized Metal-organic Frameworks for the Recovery of Metal Ions, Sensing, Luminescence and Hydrogen Storage Applications.	2018	2024
Vala Sudhirsinh Jivubhai	Engineering Sciences	Mainak Bandyopadhyay	DEVELOPMENT OF A ROTATING TRITIUM TARGETBASED D-T NEUTRON GENERATOR SYSTEM FOR FUSION NEUTRONICS STUDIES	2015	2024
Vandana Chaturvedi Misra	Physical Sciences	Srikumar Ghorui	Development and Study of Variable Frequency APPJ as A Unique Radiation Source for Biomedical Application	2018	2024
Vanya Goel	Engineering Sciences	Namita Maiti	Study and characterization of 60kW indirectly heated cathode based strip electron gun	2018	2024
Vijay Karki	Physical Sciences	Ajit Behera	Compositional variation and depth distribution in D.C./R.F. sputter deposited Ni-Ti alloy thin films	2016	2024
Vijay Shankar	Physical Sciences	Nirmal Bisai	Control of edge and Scrape-off layer Tokamak plasma Turbulence	2018	2024
			Studies on Resistive Switching in TiO ₂ Thin Films for Non-Volatile Memory Applications	2016	
Vikas Kumar Sahu	Physical Sciences	Pankaj Misra			2024
Vinay Kumar	Engineering Sciences	Atul Sharma	CARTESIAN GRID-BASED NAVIER-STOKES (NS), DIRECT SIMULATION MONTE CARLO (DSMC) AND HYBRID NS-DSMC METHODS FOR CONTINUUM AND/OR RAREFIED GAS FLOWS AROUND COMPLEX GEOMETRIES	2014	2024
Vinaya Krishnan M B	Physical Sciences	Aruna Kumar Nayak	Study on CP-nature of the Higgs interaction with τ lepton at CMS experiment and invariant mass reconstruction of heavy gauge bosons using machine learning techniques	2016	2024
Vishal Vatsa	Physical Sciences	A Shrivastava	Study and mitigation of noise in Low Temperature Bolometer Detectors	2017	2024

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