

Central Library, IISER Bhopal
List of BS-MS Thesis (as on July, 2024)

Sl.No.	Roll No.	Name	Title of Thesis	Year	Department	Thesis Advisor
(BS-MS Thesis Submission 2013)						
R00001	08002	Ankit Gupta	Development of a tool for prediction of pathogenic proteins in genomic and metagenic datasets using a machine learning approach	2013	Biological Sciences	Dr. Vineet Kumar Sharma
R00002	08004	Ashish Kumar	Correlation of SNPs rs187084 and rs5743836 of TLR9 proomother and their impact on immune surveillance and disease in central indian tribes	2013	Biological Sciences	Dr. Himanshu Kumar
R00003	08006	Gaurav Singh	Palladium catalyzed regioselective arylation of substituted chromene with simple arenes and boronic acids	2013	Chemistry	Dr. Manmohan Kapur
R00004	08008	Kaustubh Sharimali	Synthesis of Cinchona- Alkaloids Based Azetidin - 2-one and their catalytic reactivity in asymmetric bromolsctonization of alkenoic acid and potassium tert- butoxide mediated synthesis of	2013	Chemistry	Dr. Sangit Kumar
R00005	08012	Naveen Verma	Biochemical Characterzation of Histone H3-Specific Protase	2013	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00006	08015	Prabhanshu Tripat	Chemoslective acyl group transfer methodology	2013	Chemistry	Dr. Vishal Rai
R00007	08019	Rohan Kapil	Curating a Database and Devolopment a Web-Server fot the Prediction of PathogenicProtenis	2013	Biological Sciences	Dr. Vineet Kumar Sharma
R00008	08021	Sourabh Mishra	Expeditious Approach to the Phenanthridines via	2013	Chemistry	Dr. Alakesh Bisai
(BS-MS Thesis Submission 2014)						
R00009	09001	Abhijeet	Multifunctional Polyethylene glycol-dihydrolipoic acid ligands to promote stability of quantum dots	2014	Chemistry	Dr. Apurba Lal Koner
R00010	09003	Akanksha Patel	Towards the Synthesis of 7-Deoxy-6,8-O-Dimethylfusarentin and Mycobactin J	2014	Chemistry	Dr. Manmohan Kapur
R00011	09004	Akash	Arg residue of the switch-I re modulates the GTP/GDP cycle of EhRab21	2014	Biological Sciences	Dr. Sunando Datta
R00012	09005	Akash Jain	Holographic ferromagnetism and non-relativistic charged hydrodynamics	2014	Physics	Dr. Suvankar Dutta
R00013	09007	Alankarita Priya	Relativistic hydrodynamics	2014	Physics	Dr. Ambar Jain
R00014	09008	Animesh Anand Mishra	Understanding the role of nups in cancer and functional relevance of N-terminal unstructured region of SUMO	2014	Biological Sciences	Dr. Ram Kumar Mishra

R00015	09009	Anurag Punia	Estimating cosmic microwave background using WMAP maps	2014	Physics	Dr. Rajib Saha
R00016	09012	AS Kunal Babu	Molecular characterization of the mycobacterial ADH	2014	Biological Sciences	Dr. Vikas Jain
R00017	09013	Aseem Shrivastava	Caj1: A nuclear localized non-canonical J protein of budding yeast	2014	Biological Sciences	Dr. Chandan Sahi
R00018	09014	Gouthan Bandi	Investigation on cellular toxicity of allyl alcohol (ACROLEIN) using budding yeast as a model	2014	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00019	09015	Basant Kumar	Ferrocene-DMN schiff base: selective fluoride ion recognition with logical operation and memory units	2014	Chemistry	Dr. Jeyaraman Sankar
R00020	09017	Boddepalli Ravi Kiran	Biophysical studies of RNA polymerase alpha subunit from mycobacterium smegmatis	2014	Biological Sciences	Dr. R. Mahalakshmi
R00021	09019	Deepak Kumar Deo	Serch for evidence of collisions between bubble universes	2014	Physics	Dr. Rajib Saha
R00022	09020	Deepak Kumar	Influence of temperature on photo-induced effects in a-As ₂ Se ₃ thin films	2014	Physics	Dr. K V Adarsh
R00023	09022	Hanuman Parihar	Desingn synthesis and study of stimuli-responsive N-heterocyclic carbene (NHC)- ruthenium (II) complexes	2014	Chemistry	Dr. Joyanta Choudhury
R00024	09024	Kailash Chandra Dhaker	Structural, magnetic an electrical properties of Ca _{1-x} CexRuO ₃ (0.025<x<0.05))	2014	Physics	Dr. Dhanvir Singh Rana
R00025	09026	Kumar Vimaladitya	Role of herpesviral tegument proteins in innate immune response	2014	Biological Sciences	Dr. Sathish Narayanan
R00026	09027	Pratik Labhane	DNA isolation from metagenomic samples and characterisation of REC-A gene	2014	Biological Sciences	Dr. Vineet Kumar Sharma
R00027	09028	Lakhan Ekal	An analysis of periplakin sumoylation and its consequences	2014	Biological Sciences	Dr.Ram Kumar Mishra
R00028	09029	Megha Agarwal	A dynamical study of the phase transition in deuterated potassium dihydrogen phosphate	2014	Physics	Dr. Varadharajan Srinivasan
R00029	09031	Munagala Srikanth	Adsorption of hydroquinone on activated charcoal for supercapacitor applications	2014	Chemistry	Dr. Amit Paul
R00030	09032	Mohd. Sharique	Synthetic approaches to brussonol and przewalskin E via a key lewis-acid catalyzed friedel-crafts alkylation	2014	Chemistry	Dr. Alakesh Bisai
R00031	09033	Naveen Kumar	Exploring the morphological changes in a micellar system and a protein-surfactant assembly using atomistic molecular dynamic simulations and fluorescence spectroscopic techniques	2014	Chemistry	Dr. Saptarshi Mukherjee
R00032	09034	Nayana Mittal	Low molecular weight lysine based gelator	2014	Chemistry	Dr. Aasheesh Srivastava
R00033	09035	Nilanjan Mukherjee	Regulatory effect of miR-30e on toll-like receptor signaling pathway	2014	Biological Sciences	Dr. Himanshu Kumar

R00034	09036	Paramveer Singh	Synthesis, characterization and crystallographic study in halogen substituted indone derivatives	2014	Chemistry	Dr. Deepak Chopra
R00035	09037	Pooja Kumari	expeditious approach to taiwaniaquinols B and E via friedel-crafts alkylation	2014	Chemistry	Dr. Alakesh Bisai
R00036	09038	Pratik Roy	Parton distribution functions in QCD	2014	Physics	Dr. Ambar Jain
R00037	09040	Rahul Soni	Thermodynamics and phase transition of AdS black holes	2014	Physics	Dr. Suvankar Dutta
R00038	09041	Rahul Kumar Gupta	Topology of universe	2014	Physics	Dr. Rajib Saha
R00039	09043	Ravindra Gudneppanavar	Functional porous organic polymers: molecular dynamic simulations, synthesis, gas adsorption and light emission properties	2014	Chemistry	Dr. Abhijit Patra
R00040	09044	Sai Punnet Desai	Novel bis N-hetrocyclic carbene (NHC)-Pd ^{II} complexes and their applications to aromatic C-H activation	2014	Chemistry	Dr. Joyanta Choudhury
R00041	09045	Saket Patel	Functionalization of organic molecules by C(sp ₃)-H activation and KOtBu-mediated intramolecular arylation of sp ₃ C-H bonds	2014	Chemistry	Dr. Sangit Kumar
R00042	09047	Sandeep Kumar	Oxo-rhenium catalyzed friedel-crafts alkylation of unprotected anilines with 3-hydroxy-2-oxindole: an efficient approach to the fused di-indoline tetracyclic core	2014	Chemistry	Dr. Prasanta Ghorai
R00043	09048	Sarthak Maurya	Study of proteins involved in synaptic development and maturation in drosophila melanogaster	2014	Biological Sciences	Dr. Vimlesh Kumar
R00044	09052	Shivam Gupta	Dynamics of self propelled deformable vesicle	2014	Physics	Dr. Snigdha Thakur
R00045	09053	Shubham Sharma	An introduction to transition metal-free C-N coupling reaction and KOtBu-mediated selective synthesis of isoindolin-1-ones	2014	Chemistry	Dr. Sangit Kumar
R00046	09054	Simran Arora	Exploring the free energy landscape of the cytoplasmic tail of CD4 (402-419): a replica exchange molecular dynamic study	2014	Chemistry	Dr. Rajesh Kumar Murarka
R00047	09057	Sunit Kumar Prajapati	Catalytic [4+2] benzannulation of rhodium enalcarbenoids: direct synthesis of 7-substituted tryptamines and [1,2-a]-pyridoindoles	2014	Chemistry	Dr. Sreenivas Katukojvala
R00048	09058	Susrita Sarkar	Specialized role of Djp1, a class II J protein in peroxisomal and mitochondrial function in yeast	2014	Biological Sciences	Dr. Chandan Sahi
R00049	09059	Sushil Lathwal	Cucurbit[7]uril encapsulation of PRODAN: a spectroscopic study	2014	Chemistry	Dr. Apurba Lal Koner
R00050	09060	Tarun Saxena	Role of temperature in controlling the light induced response in ternary Ge-As-Se chalcogenide glasses	2014	Physics	Dr. K V Adarsh
R00051	09061	Nanda Kishore Thommandra	Streptavidin and its variants for Biotin Binding Assays	2014	Chemistry	Dr. Apurba Lal Koner

R00052	09063	Vineet Kumar Singh	Selective iodide sensing by redox active cu-corrole	2014	Chemistry	Dr. J. Sankar
(BS-MS Thesis Submission 2015)						
R00053	10001	Abhilashamole B	Palladium catalyzed heteroatom-directed C-H nitration of anilines using a removable tether	2015	Chemistry	Dr. Manmohan Kapur
R00054	10002	Abhiramnath P	Removing astrophysical contamination from cosmic microwave background observation	2015	Physics	Dr. Rajib Saha
R00055	10003	Abhishekamole B	Looping dynamics of chemically active polymer with macromolecular crowding	2015	Physics	Dr. Snigdha thakur
R00056	10004	Abin Joshy	Role of network rigidity in controlling the ultrafast light induced response in Ge-As-Se thin films	2015	Physics	Dr. K V Adarsh
R00057	10005	Amartyajyoti Saha	Advanced topics in fluid dynamics	2015	Physics	Dr. Ambar Jain
R00058	10006	Amita Malviya	Lanthanide based tetrานuclear quadruple stranded helicates; their synthesis and structural characterization	2015	Chemistry	Dr. Sanjit Konar
R00059	10007	Anjali K. Sajeev	Role of temperature and fluence in controlling structural properties of Ag nanoparticles on chalcogenide surface	2015	Physics	Dr. K V Adarsh
R00060	10008	Ankit Dara	Sodium nitrite mediated synthesis of 4-nitro-dibenzofurans.	2015	Chemistry	Dr. Sangit Kumar
R00061	10009	Ankita Das	A Synthetic genetic screening of molecular chaperones in budding yeast	2015	Biological Sciences	Dr. Chandan Sahi
R00062	10011	Anukriti Gautam	Analysis of dasap in synaptic plasticity at drosophila NMJs	2015	Biological Sciences	Dr. Vimlesh Kumar
R00063	10014	Arinjoy Bhattacharya	Observation of "giant" photodarkening and slow crossover to temperature-mediated photobleaching in a-As ₂ Se ₃ /Ag/Se trilayer thin films	2015	Physics	Dr. K V Adarsh
R00064	10015	Arjun V	Why be a male? Resource allocation and floral display in a wild population of Solanum surattense	2017	Biological Sciences	Dr. Vinita Gowda
R00065	10017	Athira Ashokan	Copper-catalyzed intramolecular cyclization of alkenes:synthesis of trifluoromethylated benzoxazines (N, O-heterocycles)	2015	Chemistry	Dr. Sangit Kumar
R00066	10018	Avik Biswas	Nanomechanics of rolling graphene	2015	Physics	Dr. V. Srinivasan
R00067	10021	Charubala C S	Topological solitons and phenomenology of ODD-PARITY superconductivity	2015	Physics	Dr. Suvankar Dutta

R00068	10022	Chetana Tamadaddi	Identification and characterization of J-Like Proteins of arabidopsis thaliana	2015	Biological Sciences	Dr. Chandan Sahi
R00069	10023	Deena Paul	Urea Induced denaturation of proteins and subsequent binding of drugs to the denatured state	2015	Chemistry	Dr. Saptarshi Mukherjee
R00070	10024	Deepthi Joseph	Molecular mechanisms of action of valproic acid, an anticancer drug in saccharomyces cerevisiae	2015	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00071	10025	Desna Joseph	Synthesis of atropisomeric pyrroles via (4+1) pyrrolannulation of Ru(II) enalcarbenoids with 2,6-disubstituted anilines	2015	Chemistry	Dr. Sreenivas Katukojvala
R00072	10026	Ebsy Jaimon	The role of micro RNA 30e-5p in regulating innate immune responses	2015	Biological Sciences	Dr. Himanshu Kumar
R00073	10027	Gade Priyanka Rajendra	Biophysical studies and crystallization of Rab5 GTPase from entameoba histolytica	2015	Biological Sciences	Dr. Sunando Datta
R00074	10028	Harikrishnan R	Floral biology and pollination characteristics of cheilocostus speciosus from idukki	2015	Biological Sciences	Dr. Vinita Gowda
R00075	10029	Harsh Vashistha	Effect of intrinsic strain on magnetic ground state of CaRuO ₃	2015	Physics	Dr. Dhanvir Singh Rana
R00076	10031	Nikita Ingale	Generation of transposon mutant library in mycobacterium smegmatis mc ₂ 155 and screening of novel mutants	2015	Biological Sciences	Dr. Vikas Jain
R00077	10032	Jagriti Banerjee	SAM Dependent methyltransferase crgl is required for nitrogen metabolism via TOR pathway in saccharomyces cerevisiae	2015	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00078	10033	Jitendra Gurjar	Organocatalytic intramolecular oxa-michael addition of O-enolate:synthesis of Enantioenriched substituted isochromenes	2015	Chemistry	Dr. Prasanta Ghorai
R00079	10034	Joshi Kanak Niyan	Biophysical study and crystallization of amoebic Rab-GTPase: EhRab21	2015	Biological Sciences	Dr. Sunando Datta
R00080	10035	K. Harish	Application of machine learning techniques in metagenomic data analyses	2015	Biological Sciences	Dr. Vineet Kumar Sharma
R00081	10037	Kajari Bera	Conformational changes in human serum albumin: fibrillation and FRET	2015	Chemistry	Dr. Saptarshi Mukherjee
R00082	10038	Kanchan Yadav	Electronic transport and magnetoresistance of Pro.5Sro.5MnO ₃ :ZnO thin Films	2015	Physics	Dr. Dhanvir Singh Rana
R00083	10039	Kaushik Roy	The SEE-SAW Mechanisms of neutrino mass generation	2015	Physics	Prof. Biswarup Mukhopadhyaya
R00084	10040	Kiran Sethunath A S	Preparation and characterization of CaCu ₃ Ru ₄ O ₁₂ , LaCu ₃ Ru ₁ O ₁₂ and Mn doped SrMoO ₃	2015	Physics	Dr. Ravi Shankar Singh
R00085	10041	Kush Coshic	Predicting 2-Loop large logarithms in angularity distributions	2015	Physics	Dr. Ambar Jain

R00086	10042	Lalit Kumar Morya	Transition metal free redox isomerization and cyclotrimerization of 1, 3-sybsubstituted allylic alcohol by using base/DMSO system	2015	Chemistry	Dr. Prasanta Ghorai
R00087	10043	Lavanya B	Study of histone acetylation and nucleosome density in regulation of alternative splicing	2015	Biological Sciences	Dr. Sanjeev Shukla
R00088	10045	Medisetty sai Raghavendra	Effcient approaches to the pyrroloindoline alkaloids via a lewis acid-catalyzed allylations of 3-Hydroxy-2-oxindoles	2015	Chemistry	Dr. Alakesh Bisai
R00089	10046	Moumita Basu	Understanding importance of N-terminal region of SUMO	2015	Biological Sciences	Dr. Ram Kumar Mishra
R00090	10048	Namrita Halder	Modeling familial amyotrophic lareral sclerosis (fALS4) in drosophila melanogaster	2015	Biological Sciences	Dr. Vimlesh Kumar
R00091	10049	Neha Kamal	Ruthenium-catalyzed heteroatom-directed rigioselective C-H arylation of indoles using a removable tether	2015	Chemistry	Dr. Manmohan Kapur
R00092	10050	Neha Kaundal	Transposon mutagenesis in mycobacterium smegmatis mc2 155	2015	Biological Sciences	Dr. Vikas Jain
R00093	10053	Nikhil Job	Characterization of BBX proteins and their role in arabidopsis root and seed development	2015	Biological Sciences	Dr. Sourav Datta
R00094	10055	Parikshit Thakur	Metaledated corrole-porphyrin-corrole hybrids: syntheses and properties	2015	Chemistry	Dr. J. Sankar
R00095	10056	Parth Chaturvedi	A study of adiabatic bond charge model	2014	Physics	Dr. V. Srinivasan
R00096	10057	Polumati Sharanya	MAX2- Mediated strigolactone signaling to regulate root development in arabidopsis thaliana	2015	Biological Sciences	Dr. Sourav Datta
R00097	10058	Praful Kumar Manwatkar	Real time TD-DFT study of electron transfer from N-N Dimethyl aniline to hydroxyanthraquinone	2015	Chemistry	Dr. Varadharajan Srinivasan
R00098	10059	Prashant Waiker	Investigating functional conservation of interactions in spliceosome disassembly complex'	2015	Biological Sciences	Dr. Chandan Sahi
R00099	10060	Praveen	Palladium catalyzed Bis-arylation of N-(Quinolin-8-yl) ferrocene- 1-carboxamide using 8-Aminoquinoline directing group	2015	Chemistry	Dr. Sangit Kumar
R00100	10061	Preeti Kumari Poddar	Study of oxidation of bitumen and its components	2015	Chemistry	Dr. Amit Paul
R00101	10065	Rajesh Kumar Malla	Energy spectrum and quantum hall effect in graphene	2015	Physics	Dr. Suhas Gangadharaiah
R00102	10066	Ramprasad Regar	Azepino-perylenebisimides with hetero-aryl substituents: synthesis, characterization and properties.	2015	Chemistry	Dr. J. Sankar
R00103	10067	Surabhi Ranavat	interspecific and intergeneric variation in the floral and pollination traits of commelinaceae found in kas plateau, maharashtra	2015	Biological Sciences	Dr. Vinita Gowda

R00104	10068	Rasiya Sultana	A Study on sumoylation in plasmodium falciparum	2015	Biological Sciences	Dr. Ram Kumar Mishra
R00105	10069	Reshma Jose	Synthesis of perylene mono-imide based fluorophore probe for sensing applications	2015	Chemistry	Dr. Apurba Lal Koner
R00106	10070	Richa Rajak	Investigating of structural, topological and sorption properties of polyhedral based MOFs using flexible bipyrazole ligand	2015	Chemistry	Dr. Sanjit Konar
R00107	10071	Rishith Ravindran	Slt2 phosphorylation and alteration of heavy metal homeostasis on curcumin treatment in <i>saccharomyces cerevisiae</i>	2015	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00108	10073	Roopa Varghese	Floral and pollination variation among sympatric <i>murdannia</i> species (Commelinaceae) in the kas plateau, maharashtra	2016	Biological Sciences	Dr. Vinita Gowda
R00109	10074	Roshni R	Synthesis, characterization and analysis of intermolecular interactions in fluoro and trifluoromethylated derivatives of 4-(phenyldiazenyl) phenol	2015	Chemistry	Dr. Deepak Chopra
R00110	10075	Rupam Ghosh	Role of EGR1 and curcumin in the regulation of alternative splicing	2015	Biological Sciences	Dr. Sanjeev Shukla
R00111	10076	Sahil Agarwal	Synthesis of Donor- Acceptor fluorescent probes for FRET study	2015	Chemistry	Dr. Apurba Lal Koner
R00112	10077	Sam Eapen George	Exciton-plasmon coupling and quenching of ultrafast transient absorption in a-Ge ₂₄ Se ₇₆ / Au nanoparticle hybrid	2015	Physics	Dr. K V Adarsh
R00113	10078	Sandeep Kumar Sahoo	Application of 1,2,4-triazolin-5-ylidene based N-heterocyclic carbene- ruthenium (II) complex in catalytic oxidation of unsaturated hydrocarbons	2015	Chemistry	Dr. Joyanta Choudhury
R00114	10079	Sandeep Satapathy	Role of I Kappa- beta interacting proteins (IKBIP) in antiviral innate immune response and apoptosis	2015	Biological Sciences	Dr. Himanshu Kumar
R00115	10082	Savin shynu Varghese	Estimation of cosmological parameters from cosmic microwave background observations	2015	Physics	Dr. Rajib Saha
R00116	10083	Sharon S Philip	Gravitation wave from a nutating neutron star	2015	Physics	Dr. Rajib saha
R00117	10084	Sherin Baby	Essential role of has-miR-324-5p in the regulation of H5N1 replication	2015	Biological Sciences	Dr. Himanshu Kumar
R00118	10085	Shrankhla Bawaria	SUMO: An emerging player in brain Development and function	2015	Biological Sciences	Dr. Ram Kumar Mishra
R00119	10086	Shubham Kumar Jaiswal	Comparative biophysical analysis of the outer membrane protein X WT and H100N mutant from escherichia coli	2015	Biological Sciences	Dr. R. Mahalakshmi

R00120	10087	Shubhashish	Total syntheses of amaryllidaceae alkaloids (\pm)-mesembrane and (\pm)-crinane via a key eschenmoser-claisen rearrangement	2015	Chemistry	Dr. Alakesh Bisai
R00121	10089	Singh Archana Surendra	Purification and crystallization of Atg16L1-Rab33B complex	2015	Biological Sciences	Dr. Sunando Datta
R00122	10090	Smrithi Krishnan R.	Applications of mycobacteriophage D29 lytic cassette proteins	2015	Biological Sciences	Dr. Vikas Jain
R00123	10091	Sooraj K P	Green's functions for graphene and silicene with impurities	2015	Physics	Dr. Suhas Gangadharaiyah
R00124	10094	Suhas. K. Ramesh	Study of exchange bias in polycrystalline SmMnO ₃	2015	Physics	Dr. Ravi Prakash singh
R00125	10095	Sumayya Hassan	Pollination biology of zingiberaceae-A review of reproductive strategies and a study from idukki	2015	Biological Sciences	Dr. Vinita Gowda
R00126	10096	Sunidhi Jaiswal	Monitoring the micellar properties of intrinsically fluorescent surfactant systems	2015	Chemistry	Dr. Saptarshi Mukherjee
R00127	10097	Suruchi Dixit	Understanding the importance of N-terminal region of human SUMO1 protein	2015	Biological Sciences	Dr. Ram Kumar Mishra
R00128	10099	Jyothi Telangae	Design and synthesis of metal organic frameworks for selective capturing of CO ₂ and selective sensing of nitro explosives	2015	Chemistry	Dr. Sanjit Konar
R00129	10100	Varun Singh	Planar Perylenebisimides with α - & β - thienyl substituents: synthesis, structure and properties	2015	Chemistry	Dr. J. Sankar
R00130	10101	Pallavi Vijay Vetal	Biophysical characterization of evolutionarily selected Aro-X-Aro motif	2015	Biological Sciences	Dr. R. Mahalakshmi
R00131	10103	Vishnu Prasoodanam P.K.	Assembling and mining of prokaryotic genomes using a metagenomic approach	2015	Biological Sciences	Dr. Vineet Kumar Sharma
R00132	10104	Vishnupriya V.S.	Understanding the role and effects of lysin B protein in mycobacteriophage D29 infection	2015	Biological Sciences	Dr. Vikas Jain
R00133	10105	Walujkar Sanket Pradeep	Determination of phase diagrams of adsorption monolayers using kinetic monte carlo simulations	2015	Chemistry	Dr. Varadharajan Srinivasan

(BS-MS Thesis Submission 2016)

R00134	11001	Amith G. Anil	Tuning of porosity and surface area in boron-dipyrromethene based conjugated porous organic polymers	2016	Chemistry	Dr. Abhijit Patra
R00135	11002	Anto James	In-silicoModelling of surface area and nitrogen adsorption in porous organic polymers	2016	Chemistry	Dr. Abhijit Patra
R00136	11003	Anwesha Jana	A low temperature approach for reduced graphene synthesis and its supercapacitor application	2016	Chemistry	Dr. Amit Paul

R00137	11004	Amit Kumar Mishra	tert-Butoxide mediated homologation of disulphides with nitrotoluene	2016	Chemical Engineering	Prof. Sangit Kumar
R00138	11005	Abhishek Sirohiwal	Understanding the role, nature and strength of C (SP ₂ / SP ₃) - F...O interactions in molecular crystals	2016	Chemistry	Dr. Deepak Chopra
R00139	11007	Abhinav Bura	Design,synthesis and characterization of novel Ga(III) corrole-tetraphenylethene hybrids	2016	Chemistry	Dr. J. Sankar
R00140	11011	Amrutha V	Understading the role of dASAP and putative chaperone like genes in synaptic growth and plasticity in drosophila melanogaster	2016	Biological Sciences	Dr. vimlesh Kumar
R00141	11012	Anagha H	Synthesis, characterization, properties and application of NHC-Based iridium(III) phosphors with a terpyridine pendant	2016	Chemistry	Dr. Joyanta Choudhury
R00142	11013	Anarta Roy	Dynamics of passive particlein a chemically active bath	2016	Physics	Dr. Snigdha Thakur
R00143	11014	Anjaly N Vijayan	Transition metal-free cascade radical cyclization/trifluoromethylation of 1, 6-enynes: access to -CF ₃ containing carbonylated benzo[b]furans and benzo[b]thiophenes	2016	Chemistry	Dr. Sangit Kumar
R00144	11015	Ankita Katiyar	Direct non-oxidative conversion of methane to chemicals	2016	Chemistry	Dr. Varadharajan Srinivasan
R00145	11017	Arathi A.S.	Spectroscopic investigation of naphthalimide derivatives through solvatochromism and supramolecular assemblies	2016	Chemistry	Dr. Apurba L. Koner
R00146	11018	Archana P T	Construction of dual chromatic reportes for the screening of alternative splicing modulators	2016	Biological Sciences	Dr. Sanjeev Shukla
R00147	11019	Archita Chatterjee	Role of binders and eletrodes drying temperatures in supercapacitor studies for carbon based nanomaterials	2016	Chemistry	Dr. Amit Paul
R00148	11021	Arun Raj K M	Palladium-catalyzed a-Arylation of enones in the synthesis of 3-substituted isoquinolines	2016	Chemistry	Dr. Manmohan Kapur
R00149	11022	Athira N	Investigation and characterization of HCMV deubiquitinase in oncogenesis	2016	Biological Sciences	Dr. Himanshu Kumar
R00150	11024	Chetanbala Hijam	Characterization of group II BBX proteins and their role in arabidopsis development	2016	Biological Sciences	Dr. Sourav Datta
R00151	11025	Arundhati Deshmukh	Exploration of mechanism of fluorescence quenching and sensitive detection of nitroanilines by solution processable porous organic polymers	2016	Chemistry	Dr. Abhijit Patra
R00152	11026	Devi Nandana S	Role of micro RNA-30e in regulating innate immune responses by targeting autophagy	2016	Biological Sciences	Dr. Himanshu Kumar

R00153	11027	Ganesh Ji Omar	Saturable absorption in binary and ternary Sb ₂ (Se _{3-x} S _x) nanorods: visible to near infrared	2016	Physics	Dr. K V Adarsh
R00154	11028	Geo Jose	Characterization of the phase diagram of extended harper medel	2016	Physics	Prof. Suhas Gangadharaiah
R00155	11030	Heena Noordeen	Biophysical charaterization of pagp mutants based on the nature of side chain	2016	Biological Sciences	Dr. R. Mahalakshmi
R00156	11031	Indulekha K P	Synthesis,Characterization and study of intermolecular interactions in fluoro and trifluoromethyl derivatives of halogen substituted	2016	Chemistry	Dr. Deepak Chopra
R00157	11032	Indulekha M	Quantitative correlation of catalytic activity of N-Heterocyclic carbene (NHC) complexes with variable steric and electronic parameters	2016	Chemistry	Dr. Joyanta Choudhury
R00158	11033	Jesna Louis	White light emission and energy transfer in multichromophoric systems involving porous organic polymers	2016	Chemistry	Dr. Abhijit Patra
R00159	11034	Jainu Ajit	Synthesis of peptidomimetic foldamers with potential biological activity	2016	Chemistry	Dr. Ishu Saraogi
R00160	11035	Jeena T.J.	Global screening of histone mutants library identifies H3K42 residue, critical for CWI pathway and metal stress response in yeast <i>saccharomyces cerevisiae</i>	2016	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00161	11036	Jinu Joji	Incorporation of organometallic NHC-Pd complex in coordination polymer and its application in heterogeneous catalysis	2016	Chemistry	Dr. Joyanta Choudhury
R00162	11038	Kapil Kumar Jian	Study of training effect in double perovskite Sr ₂ YbRuO ₆	2016	Physics	Dr. Ravi Prakash Singh
R00163	11039	Kunal Sharma	Distribution of bell inequality violation vs. multiparty quantum correlation measures in noiseless and noisy scenarios	2016	Physics	Prof. Aditi Sen
R00164	11040	Midhun K Madhu	Prediction of antigenicity of proteins using machine learning techniques	2016	Biological Sciences	Dr. Vineet Kumar Sharma
R00165	11041	Meera Nandakumar	Power spectrum to probe turbulence in interstellar medium using 21CM line	2016	Physics	Dr. Prasun Dutta and Dr. Rajib Saha
R00166	11042	Minu M Nair	Understanding the role of MATE transporters in <i>arabidopsis thaliana</i>	2016	Biological Sciences	Dr. Sourav Datta
R00167	11043	Mishel Joy	Heteroatom-guided regioselective halogenation of electron deficient heteroarenes	2016	Chemistry	Dr. Manmohan Kapur
R00168	11044	Mohamed hashir P	Geleand-Kirillov Dimension of differential Operation Rings	2016	Mathematics	Dr. Ashish Gupta
R00169	11045	Mubthasima P.P.	Functional characterization of the putative proteins; MMG1 (YLR149C) and MMG2 (YPR099C) for respiratory growth and mitochondrial genome maintenance in <i>saccharomyces cerevisiae</i>	2016	Biological Sciences	Dr. Raghuvir Singh Tonmar

R00170	11046	Namitha Ann James	Charge carrier dynamics in graphene quantum dots-Au nanoparticle heterostructure	2016	Physics	Dr. K V Adarsh
R00171	11047	Varun Rao	Mechanochemical synthesis of cocrystals using active pharmaceutical ingredient (API) - riluzole	2016	Chemistry	Dr. Deepak Chopra
R00172	11048	Neethu S R	Gelfand-kirillov dimension of skew-laurent rings	2016	Mathematics	Dr. Ashish Gupta
R00173	11049	Nikhil Chaudhary	Computational analysis of high-throughput biological data using machine learning based approaches	2016	Biological Sciences	Dr. Vineet Kumar Sharma
R00174	11050	Nikhil S	A facile approach towards bulk production of reduced graphene for supercapacitor applications	2016	Chemistry	Dr. Amit Paul
R00175	11051	Nived K B	Models and Mechanisms of beta-barrel folding in the bacterial and mitochondrial outer membranes	2016	Biological Sciences	Dr. R. Mahalakshmi
R00176	11053	Prerna Tripathi	Understanding the specialized role of cytosolic J-protein Djp 1 in peroxisomal protein import in budding yeast	2016	Biological Sciences	Dr. Chandan sahi
R00177	11054	Piyush Agarwal	Terahertz time domain spectroscopy for low energy dynamics of epitaxial thin films	2016	Physics	Dr. Dhanvir Singh Rana
R00178	11055	Panchakshari Nimisha Abhay	SUMO interactions: new insights into human and plasmodium SUMO machinery cross-talk	2016	Biological Sciences	Dr. Ram Kumar Mishra
R00179	11057	Pearl Cherry	Studies on plasmodium sumo, SUMOylation machinery and their interactions	2016	Biological Sciences	Dr. Ram Kumar Mishra
R00180	11058	Prakash Nayak	Exploring C-H activation-annulation catalysis within NHC backbone and extending their application scope	2016	Chemistry	Dr. Joyanta Choudhury
R00181	11059	Prateek Raj	Biochemical characterization of metallo-proteins from entamoeba histolytica: case studies of EhVps29 and EhC2B	2016	Biological Sciences	Dr. Sunando Datta
R00182	11060	Raushan Kumar	tert-Butoxide-mediated transition-metal-free oxidative sp ³ C-H and sp ² C-H coupling of arylacetamides with nitroarenes	2016	Chemistry	Dr. Sangit Kumar
R00183	11061	Rekha P T	Design and synthesis of a moral organic framework for selective sensing of amino acids	2016	Chemistry	Dr. Sanjit Konar
R00184	11063	Ritwika Chakraborty	Large n guage theory and matrix models	2016	Physics	Dr. Suvankar Dutta
R00185	11064	Shah Lekha Vinod	Functional Characterization of MT2-MMP in MDA-MB 231 breast cancer cell lines	2016	Biological Sciences	Dr. Sunando Datta
R00186	11065	Soumya Prakash Sahu	Sen1p, a RNA/DNA Helicase Protein Regulates Cell Wall Integrity, Redox Homeostasis and Vacuole Morphology in Saccharomyces Cerevisiae	2017	Biological Sciences	Dr. Raghuvir Singh Tonmar

R00187	11067	Sushilkumar Suresh Dongre	Cloning, expression, and purification of two endonucleases from bacteria	2016	Biological Sciences	Dr. Vikas Jain
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R00190	11070	Shabda Eknath Kulsange	Morphological plasticity in nocturnally pollinated curcuma caulinia	2016	Biological Sciences	Dr. Vinita Gowda
R00191	11071	Shany Mary Oommen	Ultrafast exciton-plasmon coupling in Au/MoS ₂ heterostructure	2016	Physics	Dr. K V Adarsh
R00192	11072	Shibu Sasi	Development of nanostructured WO ₃ electrochromic material and device fabrication	2016	Physics	Dr. Shashi Bhushan Singh
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R00194	11075	Sujitha S	Curcumin-induced regulation of alternative splicing via suppression of EGR-1 transcription factor in breast cancer	2016	Biological Sciences	Dr. Sanjeev Shukla
R00195	11076	Vaishnavi N. Nair	Synthesis approaches to icetaxane core of complex isoprenoid hydrangenone	2016	Chemistry	Dr. Alakesh Bisai
R00196	11077	Vijay Singh Parmar	Tetrahedral Co ^{II} based binuclear double-stranded helical single-ion-magnets	2016	Chemistry	Dr. Sanjit Konar
R00197	11080	Varun Gupta	Composites of meal nanostructures and nanocellulose	2016	Physics	Dr. Mukta Vinayak Limaye
R00198	11081	Vinay Sagar	Investigating the evolutionary conservation of components of mitochondrial protein import motor in arabidopsis thaliana	2016	Biological Sciences	Dr. Chandan sahi
R00199	11082	Vipin V	Physics of early universe from the study of cosmic microwave background anisotropies	2016	Physics	Dr. Rajib Saha
R00200	11083	Vishnu prasad Iyer	Fredholm Operators	2016	Mathematics	Dr. Prahlad Vaidyanathan
R00201	11084	Mitesh Modasiya	Hardy-littlewood maximal operator and A _p weights	2016	Mathematics	Dr. Saurabh Kumar Shrivastava
R00202	11085	Nishna N	Metallated porphyrin-PDI conjugates: synthesis and properties	2016	Chemistry	Dr. J. Sankar
R00203	11086	Hridya T K	Rh(III) catalyzed non-aromatic sp ₂ -C-H activation/ annulation using NHC as a directing-cum-functionalizing group (DFG)	2016	Chemistry	Dr. Joyanta Choudhury
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R00204	12002	Aayushi Chatterji	Synthesis Of Amine-Substituted BODIPYs : Charactrization and Photophysical Properties	2017	Chemistry	Dr. J. Sankar

R00205	12003	Aishwarya Lakshmi	Designing Biodegradable Nanoparticle Carriers For Nucleic Acid Delivery	2017	Biological Sciences	Prof. Himanshu Kumar
R00206	12004	Aiswarya R	Dansyl Conjugated Hydrazine And Hydroxyl Amine as Selective Chemosensors Of Cu (II)	2017	Chemistry	Dr. Aasheesh Srivastava
R00207	12005	Alok Pratab Singh	Influence of Hexamminecobalt (III) Trichloride Binding on DNA Structure	2017	Chemistry	Dr. Bharathwaj Sathyamoorthy
R00208	12006	Amal Sebastian	Giant Enhancement in Optical Non Linearity for AS ₂ S ₃ / Au Nanoparticle Heterostructure	2017	Physics	Dr. K V Adarsh
R00209	12007	Amit Kumar	Molecular Modelling of MoS ₂ for application as desulfurization Catalyst	2017	Chemistry	Dr. Varadharajan Srinivasan
R00210	12008	Amit Singh	Neutron Stars- Equation of State and Phase Transition Induced By Shock	2017	Physics	Dr. Ritam Mallick
R00211	12009	Anagha Premaraj	Anisotropy in Low Energy Excitations in Charge Ordered Nickelates	2017	Physics	Dr. Dhanvir Singh Rana
R00212	12010	Ancy V S	Modelling Ataxia With Oculomotor Apraxia Type 2 (AOA2) in Drosophila	2017	Biological Sciences	Dr. Vimlesh Kumar
R00213	12011	Aniruddh Verma	A Mesh Dependent Numerical Contact Angle Model for VOF Simulations	2017	Physics	Dr. Monoj Kumar Tripathi
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R00215	12013	Antony Joseph	The Monitoring of Heat Induced Aggregation of Non-Native Lysozyme at Physiological pH	2017	Chemistry	Dr. Saptarshi Mukherjee
R00216	12014	Anu Negi	Cloning and Expression of Dpn1, Development of Shuttle Vectors, and Investigation Multi-copy Phage Resistance	2017	Biological Sciences	Dr. Vikas Jain
R00217	12016	Ardra M S	A Naphthalimide Based Fluorogenic Probe for Stress Alleviation in Endoplasmic Reticulum	2017	Chemistry	Dr. Apurba Lal Koner
R00218	12017	Arjun P	Structural and Magnetic Properties of Multiferroic Bi ₂ FeReO ₆ , BiSrFeReO ₆ and BiSrFeCrO ₆ Epitaxial thin Films	2017	Physics	Dr. Dhanvir Singh Rana
R00219	12019	Arpit Kumar	CMB Spectral Distortions From Thermal Sunyaev- ZEL' Dovich Effect	2017	Physics	Dr.Rajib Saha
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R00221	12021	Arunkumar M	Tuning and Comprehending Supercapacitor Electrodes Preparation Methodology: A Case Study With Oxygen Functionalized Few-Layer Graphene	2017	Chemistry	Dr. Amit Paul
R00222	12022	Arvind Meena	The Route of secretion and Internalization of Wnt in the Polarized Epithelium	2017	Biological Sciences	Dr. Varun Chaudhary

R00223	12023	Ashish James	Investigating the Role of Tyrosine in the Synthesis of Luminescent Silver Nanoclusters	2017	Chemistry	Dr. Saptarshi Mukherjee
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R00226	12027	Athira S. V	Global Screening of Histone H3/H4 Mutant Library Identifies New Residues Important For DNA Damage Repair in <i>Saccharomyces Cerevisiae</i>	2017	Biological Sciences	Dr. Raghuvir Singh Tonmar
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R00231	12033	Brahadeesh Sankarnarayanan	Automorphic Forms and Tate's Thesis	2017	Mathematics	Dr. Karam Deo Shankhadhar
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R00237	12040	Dilsha C	Identification of MdoR-a TFTR Possibly Involved in Two-Component Signal Transduction	2017	Biological Sciences	Dr. Vikas Jain
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R00249	12052	Himanshu Teta	"A Perplexing Picture of Wingless Secretion in Wing Imaginal Disc"	2017	Biological Sciences	Dr. Varun Chaudhary
R00250	12053	Hrushikesh Shashikant Sable	Landauer Current and Mutual Information for Bosonic Systems	2017	Physics	Dr. Auditya Sharma
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R00252	12055	Karuna Surendran	Review of The Mitochondrial Vdac Protein	20107	Biological Sciences	Dr. R. Mahalakshmi
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R00261	12064	Maria Francis	Nanoporous Cu(I) Metal-Organic Framework: Selective Adsorption of Benzene and Luminescence Sensing of Nitroaromatics	2017	Chemistry	Dr. Sanjit Konar
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R00266	12072	Myla Pradeep Kumar	C3-Symmetric Compound Based on Triaminoguanidinium Chloride: Synthesis, spectroscopy and Fluoride Sensing	2017	Chemistry	Dr. Abhijit Patra
R00267	12073	Ms. Nanduri Savitri Srivatsasa	Design and Fabrication of Metal Organic Frameworks From -N and -O Donor Linkers and Property studies	2017	Chemistry	Dr. Sanjit Konar
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R00271	12078	Grishma Gurudas Palkar	Representations of The Fundamental Group of Compact Riemann Surface and Vector Bundles	2017	Mathematics	Dr. Sanjay Kumar Singh
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R00274	12082	Prince Kumar Maurya	Synthesis and Characterization of Iron- Graphene Nanocomposite	2017	Physics	Dr.Surajit Saha
R00275	12083	Pritam Sadhukhan	Magnetically Imperative Iron (III) based Discrest Complexes for Spin -Crossover & Proton Conduction	2017	Chemistry	Dr.Sanjit Konar
R00276	12085	Rahul PV	Characterization of BBX13 for its role in ABA Signaling Pathway to Regulate Arabidopsis Development	2017	Biological Sciences	Dr. Sourav Datta
R00277	12086	Ramees P P	Investigation of Structural Diversity in Molecular Solids	2017	Chemistry	Dr. Deepak Chopra
R00278	12087	Ramesh Chandra Shukla	Thin film Growth using Pulsed Laser Deposition and Photoemission Study of Disordered Silver Surface	2017	Physics	Dr. Ravi Shankar Singh
R00279	12088	Ravi	Effect of Spin- Orbital Coupling on the Properties of Non-Centrosymmetric Superconductors Re _{5.4} Hf, Re _{4.8} Hf and Re _{4.5} hf	2017	Physics	Dr. Ravi Shankar Singh
R00280	12089	Rini R	Role of Mate Transporters in Arabidopsis Development	2017	Biological Sciences	Dr. Sourav Datta
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R00282	12091	Sani Sabale	Synthesis of Corrole- Porphyrin- Corrole Hybrid	2017	Chemistry	Dr. J. Sankar
R00283	12092	Sachin	Towards Functionalization of Metallated Porphyrins	2017	Chemistry	Dr. J. Sankar
R00284	12093	Sagar Salim	Functional Characterization of the Overlapping ORFs YPR099C and YPR100W Identifies a Role in Redox Balance and Mitochondrial Integrity in <i>Saccharomyces Cerevisiae</i>	2017	Biological Sciences	Dr. Raghuvir Singh Tonmar
R00285	12094	Saina Shaheeda M K	"Efficient Synthesis of Fluorinated 2-Oxindoles via Intramolecular-Dehydrogenative-Coupling"	2017	Chemistry	Dr. Alakesh Bisai
R00286	12095	Salvi. M	Metal-Semiconductor Interaction in Au NP Decorated Sb ₂ Se ₃ : Tuning Optical Nonlinearity	2017	Physics	Dr. K V Adarsh
R00287	12096	Saurabh Khodia	Rational Design Strategy of Pyridoquinoxaline Based T and V-shaped Molecules: Achieving Large Stokes Shift and low Energy Emission	2017	Chemistry	Dr. Abhijit Patra
R00288	12098	Sherin G. R.	Fine Tuning of Switchable Iridium- NHC- Based Hydrogenation Catalysts	2017	Chemistry	Dr. Joyanta Choudhury
R00289	12100	Shrey Vivian	In Silico Studies of Genes Regulating Distribution/Localization of Cl-MPR in MDA-MB-231 and MCF-10A	2017	Biological Sciences	Dr. Sunando Datta

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R00292	12103	Silviya Sarah Lal	Role of Plant Hsp40s in Remodeling of Protein Aggregates	2017	Biological Sciences	Dr. Chandan sahi
R00293	12104	Smita Saha	SUMO Interactions: Importance of N -Terminal Region of SUMO and an Insight into the Cross-Talk Between Human and Plasmodium SUMO Machinery	2017	Biological Sciences	Dr. Ram Kumar Mishra
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R00300	12113	Tejaswinee Gangber	Designing Efficient Ruthenium (II)- NHC Oxidation Precatalysts for Oxidative Cleavage of Carbon- Carbon Multiple Bonds	2017	Chemistry	Dr. Joyanta Choudhury
R00301	12114	Udit Aswal	In Silico Study on Effect of Cholesterol on Protein-Lipid Dynamics	2017	Biological Sciences	Dr. R. Mahalakshmi
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R00303	12116	Vibhuti Shastri	Applications of Machine Learning in Prediction of Biofilm Inhibitory Molecules	2017	Biological Sciences	Dr. Vineet Kumar Sharma
R00304	12117	Vidyalekshmi M S	MiR4324 Regulate Expression of Gnly in Genotype Dependent Manner	2017	Biological Sciences	Dr. Himanshu Kumar
R00305	12118	Yogesh Bhaskar	Relevance of Nup107-160 Complex Members in Drosophila Melanogaster Development	2017	Biological Sciences	Dr. Ram Kumar Mishra
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R00307	12120	Aparna P.	Excition Dynamics In Liquid Exfoliated Few Layer MoSe2	2017	Physics	Dr. K V Adarsh
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R00312	13005	Alvin Varghese	First-Principles Study of Adsorption of PV3 Wire Molecule on Co ₃ O ₄ Surfaces	2018	Chemistry	Prof. Saptarshi Mukherjee
R00313	13006	Amala PK	Exciton Plasmon Coupling in Ag-MoS ₂ Hybrid	2018	Physics	Dr. K V Adarsh
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R00316	13010	Anjitha Jose	Dynamics of Colloidal Particles in a Phase Separating Fluid	2018	Physics	Dr. Snigdha Thakur
R00317	13011	Ankit Pathak	Molecular Alignment In Gas Phase	2018	Physics	Dr. N. Bhargava Ram
R00318	13013	Ankit Shankar Pacha	Drivers of Andromonoecy in S. virginianum	2018	Biological Sciences	Dr. Vinita Gowda
R00319	13014	Ankur Kumar Singh	Biochemical Characterization and Crystallization of Amoebic Proteins: EhC2B and EhRho6	2018	Biological Sciences	Dr. Sunando Datta
R00320	13015	Anshuman Tripathi	Estimating Cosmological Parameters From CMB Observation	2018	Physics	Dr. Rajib Saha
R00321	13016	Anu Rajeev	Cloning of heterodimeric E1 enzyme of Plasmodium falciparum and importance of N-terminal region of SUMO 1	2018	Biological Sciences	Dr. Ram Kumar Mishra
R00322	13017	Anubhav Kumar	Effect of Nb ⁺⁵ Doping in Multiferroic BiFeO ₃	2018	Physics	Dr. Surajit Saha
R00323	13019	Arvind Pruthvi Puram	Study of phage encoded molecule in host lysis and bacterial encoded molecule in host defence	2018	Biological Sciences	Dr. Vikas Jain
R00324	13020	Aravind V	Synthesis of Porous Nanomaterials as Efficient Water Oxidation Catalysts: Effects of Mass Loading in Electrocatalysis	2018	Chemistry	Dr. Amit Paul
R00325	13021	Ardhra S	An ab initio Study of the Magnetic Exchange Interactions in Meso-Meso Linked tetrapyrrolic Macrocycles	2018	Chemistry	Dr Varadharajan Srinivasan
R00326	13023	Arun Joseph	Characterization of clock regulatory BBX Genes in Arabidopsis	2018	Biological Sciences	Dr. Sourav Datta
R00327	13025	Aruna Chandran	Probing the Spectroscopic and Morphological Properties of Tyrosine Templatied Luminescent Metal Nanoclusters	2018	Chemistry	Prof. Saptarshi Mukherjee

R00328	13027	Ashok Kumar	Sieve Methods in Number Theory	2018	Mathematics	Dr. Ajit Bhand
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R00661	17084	Diya Rose Thomas	Magnetic Anisotropy Modulation Inmanganite-Iridate Heterostructures	2022	Physics	Dr. Megha Vagadi
R00662	17085	Dona Mathew	Structural Chemistry and Investigation of Polymorphic Behavior in Molecular Crystals	2022	Chemistry	Prof. Deepak Chopra
R00663	17087	Eeshita Ghosh	Target-Site Mutations Endow Accase-Inhibitor Resistance in Echinochloa Colona (Jungle Rice)	2022	Biological Sciences	Dr. Muthukumar B. and Dr. Nithya Subramanian
R00664	17088	Eshan Kale	Power Graph of Finite Groups	2022	Mathematics	Dr. Siddhartha Sarkar
R00665	17089	Fathima Sahala	Self-Assembly of L-Phenylalanine Amphiphiles: pH-Responsive Morphology Changes and Exploitation as Chiral Template	2022	Chemistry	Prof. Aasheesh Srivastava
R00666	17092	Gaurav Sarmah	Dark Matter and Dark Energy Interaction Model From F (R,O) Gravity Action	2022	Physics	Prof. Sukanta Panda
R00667	17094	Girish A Malagi	Longitudinal Analysis of Antibody Response to ChAdOx1-nCoV19 Infection Naïve and Convalescent Individuals	2022	Biological Sciences	Dr. Ram Kumar Mishra and Dr. Akanksha Chaturvedi
R00668	17095	Gourilekshmi Hari	Signal Responses in Model Organisms	2022	Biological Sciences	Dr. Rati Sharma
R00669	17096	Govind Prakash	Deciphering Phosphoproteome and Neuronal Network Involved in Gene- Diet Interactions That Promote Longevity	2022	Biological Sciences	Dr. Arnab Mukhopadhyay
R00670	17097	Gurleenkaur Nanda	Representation Theoretic Characterization of Particles	2022	Mathematics	Dr. Ajit Bhand and Dr. Arnab Rudra
R00671	17098	Harinarayanan Kottala	Effect of Macromolecular Crowding on Protein Bioconjugation	2022	Chemistry	Dr. Vishal Rai
R00672	17099	Harsh Khatarkar	Gene Loss In Flying Fossilial and, Aquatic Mammals	2022	Biological Sciences	Dr. Nagarjun Vijay
R00673	17103	Himanshu Chaudhary	On The Use of Machine Learning for the Classification of Aarogya Setu App Reviews	2022	Electrical Engineering & Computer Science	Dr. Arpit Sharma
R00674	17104	Himanshu Jain	Carbon-Based Supercapacitor From Animal Waste	2022	Chemistry	Dr. Amit Paul
R00675	17105	Himanshu Pandey	Cmb Component Reconstruction From Multifrequency Observations Using Gibbs ILC Method	2022	Physics	Dr. Rajib Saha
R00676	17106	Himanshu Verma	Development of Cellular Thermal Shift Assay for Xenopus Oocytes System to Study Toxin-Channel Binding Affinity	2022	Biological Sciences	Dr. Jeet Kalia

R00677	17107	Hricha Acharya	Quadratic Unitary Cayley Graphs	2022	Mathematics	Dr. Kashyap Rajeevsarathy
R00678	17108	Hrishikesh M Namboothiripad	Strong Cp and Vacuum Stability in Axion Models	2022	Physics	Dr. Rahul Srivastava
R00679	17109	Ijaas Mohamed	Quantification of Third Order Nonlinear Optical Response of ReyS2(1-x)Se2x Nanoflakes	2022	Physics	Prof. K.V. Adarsh
R00680	17111	Jai Wadhawan	Kinematic Evolution of the Darjeeling Sikkim Lesser Himalayas and Its Implications on Neotectonic Hill Slopes by Use of Femr	2022	Earth and Environmental Sciences	Dr. Jyotirmoy Mallik
R00681	17112	Jalaj Jain	Central Simple Algebras With Involutions	2022	Mathematics	Dr. Vivek Sadhu
R00682	17113	Jayant Singh Bhati	Machine Learning Approach to Solve Fermion Sing Problem	2022	Physics	Dr. Nirmal Ganguli
R00683	17114	Jitendra Choudhary	Modeling of Thermal and Hybrid Advanced Oxidation Reaction Kinetics for Degradation of Organic Pollutants	2022	Chemical Engineering	Dr. Sankar Chakma
R00684	17115	Jitendra Kumawat	Measuring Cosmological Parameters Using Hubble Parameter Data	2022	Physics	Dr. Rajib Saha
R00685	17116	Jyotrimayee Samal	Design and Synthesis of Small Molecules With ESIPT Properties for Potential biological Application	2022	Chemistry	Dr. Ishu Saraogi
R00686	17117	K Anshiman	Understanding the Variability of Western Disturbances Over India in Recent Decades	2022	Physics	Dr. Pankaj Kumar
R00687	17118	Kalit Gautam	Multidimensional Correlation Function Analysis Methods to Detect and Quantify Relaxation Rate Heterogeneity	2022	Physics	Dr. Rohan Singh and Sachin Dev Verma
R00688	17119	Kanika	Isolation of Cobalt (II) Phenolate Selenoether Complexes for Electrocatalytic Hydrogen Production and Blue Light Mediated C-C Coupling Reactions on Naphthoquinone	2022	Chemistry	Dr. Sangit Kumar
R00689	17120	Karthik Babu Nambiar	A Study on Multi- Camera Visual Inertial Navigation Systems Using Openvins and Carla	2022	Physics	Dr. Sujit P. B.
R00690	17121	Kartikey	Segregating C. Elegans Via Machine Learning Enabled Instance Segmentation on Microscopic Images	2022	Chemistry	Dr. Rati Sharma
R00691	17123	Keshav Bihani	Quantum Machine Learning	2022	Electrical Engineering & Computer Science	Dr. Kuntal Roy
R00692	17124	Khadeeja Mubashira	Solvation Dynamics of β - Casein: Effect of Sds on Structural Conformation	2022	Chemistry	Prof. Saptarshi Mukherjee
R00693	17125	Khritish Kumar Behera	Neuromorphic Hardware Design	2022	Electrical Engineering & Computer Science	Dr. Kuntal Roy
R00694	17126	Konark K Singh	Anderson Localization	2022	Physics	Dr. Auditya Sharma
R00695	17128	Krishna Kumar Ashish	Extracting Cosmological Information From Galaxy Survey	2022	Physics	Dr. Rajib Saha

R00696	17129	Krishna Prahlaadh R	Non- Abelian Anyons for Topological Quantum Computation From Condensed Matter Systems	2022	Physics	Prof. Sumathi Rao and Dr. Auditya Sharma
R00697	17130	Krithjgnan S Bhardhwaj	Population Genetics of the Polymorphic Species Curcuma Caulina (Zingiberaceae)	2022	Biological Sciences	Dr. Vinita Gowda
R00698	17132	Kumari Anamika	Synthesis and Characterization of Pyrene-Appended Aza-Benz-Annulated Perylene Bisimide and Its Solid-State Emissive Properties	2022	Chemistry	Prof. J. Sankar
R00699	17134	Lakhvir Singh	Microstructure Assisted Wearable Pressure Sensor for Biomedical Applications	2022	Electrical Engineering & Computer Science	Dr. Mitradip Bhattacharjee
R00700	17139	Maitri Singh	Contrastive Learning for Data Representation	2022	Electrical Engineering & Computer Science	Dr. Sujit P. B.
R00701	17140	Malavika K V	Unfolding and Subsequent Refolding of a Small Globular Protein: Spectroscopic Investigation	2022	Chemistry	Dr. Sachin Dev Verma
R00702	17141	Malay Shukla	Estimation of Matter Density Parameter Using the Data From Sky Surveys and through Generating Mock Catalogs	2022	Physics	Dr. Rajib Saha
R00703	17142	Manas Bhat	Zeros of Modular Forms	2022	Mathematics	Dr. Karam Deo Shankhadhar
R00704	17143	Mansi Bhat	Development of a Python Based Code to Compute Spin-Orbit Coupling Using Time-Dependent Density Functional Theory	2022	Chemistry	Dr. Varadharajan Srinivasan
R00705	17144	Meenu Mohan	On Graph Laplacian: Algebraic Connectivity and Distinct Integral Spectra	2022	Mathematics	Dr. Dheeraj Kulkarni and Prof. A Vijayakumar
R00706	17147	Mitashini Koul	Random Geometric Graphs	2022	Mathematics	Dr. Kartick Adhikari
R00707	17148	Mohit Sharma	Numerical Solution of Fredholm Integral Equation	2022	Mathematics	Dr. Ambuj Pandey
R00708	17149	Mosami Pravin Shah	Effect of Metal ions on Insulin Aggregation	2022	Chemistry	Dr. Ishu Saraogi
R00709	17150	Mrinal Das	An Outlook on Some Widely Used Stochastic Processes	2022	Physics	Dr. Auditya Sharma
R00710	17152	Muskan Saha	Contact Resistance in Graphene-Transition Metal Dichalcogenide Heterostructures	2022	Physics	Prof. Arindam Ghosh and Prof. Dhanvir Singh Rana
R00711	17154	Nachiket Dhonnar	Synthesis of Ethanolamine Analogues to Metabolically Label Mammalian Cell PE Lipids	2022	Chemistry	Dr. Jeet Kalia
R00712	17155	Namita Yadav	Role of Mir-24 and Its Inhibitor Cmbl3al in Cervical Cancer	2022	Biological Sciences	Dr. Sunando Datta
R00713	17156	Nandita Singh	Synthesis of Cyclic Cu Porphyrin Dimer Bridged with 3,3'-Bicarbazole as a Host for Fullerenes	2022	Chemistry	Prof. J. Sankar
R00714	17158	Nehali Oza	Catalyst-Controlled Regioselective C-H Bond Functionalization of Naphthalene Monoimides	2022	Chemistry	Prof. Manmohan Kapur
R00715	17159	Niketa Dayma	Microstructure and Fabric Strain Analysis of Vindhyan Sandstones Around the Bhopal Madhya Pradesh, India	2022	Earth and Environmental Sciences	Dr. Vinee Srivastava

R00716	17160	Nikhil L. Gorane	Organocatalytic Asymmetric Intermolecular Hetero-Michael Reaction: Synthesis of Dihydro 1,2-Oxazine Moieties	2022	Chemistry	Prof. Prasanta Ghorai
R00717	17162	Niraj Pramod Atale	Superconductivity and Magnetism in High Entropy Alloy Nb0.2Mo0.2Re0.2Ru0.2Ir0.2	2022	Physics	Dr. Ravi Prakash Singh
R00718	17163	Niranjan Sitaram Mohite	Deciphering the Role of Hydrophobicity of Bile Salts in Preparation of Gold Nanoclusters: Etching and Enzyme Kinetics	2022	Chemistry	Prof. Saptarshi Mukherjee
R00719	17164	Nirdesh Maravi	Estimating Decadal (2011-2020) Surface PM2.5 Across India: Population Exposure Assessment and the Impact of Covid-19 Lockdown	2022	Earth and Environmental Sciences	Prof. Ramya Sunder Raman
R00720	17165	Nisha Kamble	Vilkovisky-DeWitt Effective Action for Fermions	2022	Physics	Dr. Sukanta Panda
R00721	17166	Kate Nitanshu Bhagawat	Ultrasensitive Sensors	2022	Electrical Engineering & Computer Science	Dr. Kuntal Roy
R00722	17168	Nithyashree B	Near-Infrared Light Controlled Release of Ciprofloxacin Using Upconversion Nanoparticles	2022	Chemistry	Dr. Debasish Manna
R00723	17170	Nitish Kumar	Fields on Fire: Detecting and Quantifying Agricultural Residue Burning Trends in Central India	2022	Earth and Environmental Sciences	Dr. Dhanyalekshmi Pillai
R00724	17171	Nitish Kumar	Higher Order Fourier Analysis	2022	Mathematics	Dr. Rahul Garg and Dr. Jyoti Prakash Saha
R00725	17172	Nitish Kumar Deo	Cobalt-Catalyzed C-H Allylation of Benzamides Using Vinyl Diazoesters as Allyl Surrogates	2022	Chemistry	Prof. Manmohan Kapur
R00726	17174	Paarmita Pandey	Analysis of Flux Variability Blazars	2022	Physics	Dr. Ritam Mallick
R00727	17175	Paersis Leslie	Photophysical Investigation of a pH Tolerable Lysosomal Iron Sensor	2022	Chemistry	Dr. Apurba Lal Koner
R00728	17177	Pallav Sharam	Synthesis of 2,2'-Diindolylmethanes by Rhodium(II)-Catalyzed [4+2] Di-Benzannulation of 2,2'-Dipyrromethanes	2022	Chemistry	Dr. Sreenivas Katukojvala
R00729	17180	Paliwal Piyush Shri Tarachand	Solvent-Induced One-Step and Two-Step Spin Transition in 4-Acetyl Pyridine-Based Hofmann-Type Frameworks	2022	Chemistry	Prof. Sanjit Konar
R00730	17181	Pradyumna	Functional Resilience of Mutually Repressing Motifs Embedded in Larger Networks	2022	Biological Sciences	Dr. Mohit Kumar Jolly
R00731	17182	Pradyumna Bawankule	Superconductivity in Topological Semimetals - PtPb4 and PtPb3Bi	2022	Physics	Dr. Ravi Prakash Singh
R00732	17183	Prajna Sahu	Food Emulsions: Stabilized With Biodegradable Particles, Polymers and Surfactants	2022	Chemical Engineering	Dr. Venkateshwar Rao Dugyala

R00733	17184	Prajwal Bharadwaj	Inferring Repin Duplication In Pseudomonas Chlororaphis	2022	Biological Sciences	Dr. Frederic Bertels
R00734	17185	Prasanna Brahme	The Garden of Eden Theorems	2022	Mathematics	Dr. Nikita Agarwal
R00735	17186	Prashasti Digambar Shende	Monitoring of Spatial and Temporal Dynamics of Methane Emissions From Rice Cultivation in India	2022	Earth and Environmental Sciences	Dr. Dhanyalekshmi Pillai
R00736	17187	Pratichee Mondal	Structure and Petrofabric Analysis of Pachmarhi Dykes	2022	Earth and Environmental Sciences	Dr. Jyotirmoy Mallik
R00737	17190	Prerita Chawla	Effect of Sociosexual Interaction on Memory Formation of Pheromone Locations	2022	Biological Sciences	Dr. Nixon M. Abraham
R00738	17191	Prithvi Dibyendu Poddar	Deep Reinforcement Learning Based Fault Tolerant Controller for Quad Rotors Suffering From Single Rotor Failure	2022	Electrical Engineering & Computer Science	Dr. Sujit P. B.
R00739	17193	Priya Sharma	Biochemical and Genetic Characterization of Proteins Involved in Neurodegeneration	2022	Biological Sciences	Dr. Vimlesh Kumar
R00740	17194	Priyam Srivastava	Two Dimensional Coherent Spectroscopy With Chirped and Unchirped Pulses	2022	Physics	Dr. Rohan Singh
R00741	17195	Priyansh Arya	Platinum-Group Element (PGE) Geochemical Study of Chromitites form the Archean Nuggihalli Greenstone belt of the Western Dharwar Craton, Southern India	2022	Earth and Environmental Sciences	Dr. Ria Mukherjee
R00742	17197	Prutha Bhide	Fixed Point Theorems Andtheir Applications for Proving the Existence of Nash Equilibrium	2022	Mathematics	Dr. Kashyap Rajeevsarathy
R00743	17198	Punyasloka Sahoo	Giant Nonlinear Optical Response of Vanadium Dichalcogenides/Mxene Hybrid	2022	Physics	Prof. K.V. Adarsh
R00744	17200	Purnima Tripathi	Biochemical Interaction Studies of MT1-MMP with SNX27 and Retromer	2022	Biological Sciences	Dr. Sunando Datta
R00745	17201	Pushpendra Kumar	Electronic Structure of Layered Fe3GeTe2	2022	Physics	Dr. Ravi Shankar Singh
R00746	17202	Pushpendra Prakash Maurya	Raman Spectroscopic Studies of 2D Fe3GeTe2 and Co- Doped Fe3GeTe2	2022	Physics	Dr. Surajit Saha
R00747	17203	Raghav Singhal	Nb Intercalation Enhanced Superconducting Transition In SnSe2	2022	Physics	Dr. Ravi Prakash Singh
R00748	17205	Rahul Chourasiya	Rydberg Excitation with Optical Vortices	2022	Physics	Dr. Sebastian Wuster
R00749	17206	Rahul Meena	Molecular Oxygen and Carbon Dioxide Binding/Activation by Transition Metal Substituted Keggin Type Polyoxometalates	2022	Chemistry	Prof. Sanjit Konar

R00750	17209	Raibat Sarket	Role of Amino Acids in Controlling the Spectroscopic Signatures of Metal Nanoclusters: Photophysical Properties and Applications	2022	Chemistry	Prof. Saptarshi Mukherjee
R00751	17210	Rajbir Kaur	Extracting Features of Quantum Transport in Rydberg Atoms Using Deep Learning	2022	Physics	Dr. Sebastian Wuster
R00752	17211	Rajeev Ranjan	Memory Effect in Ads	2022	Physics	Dr. Nabamita Banerjee
R00753	17212	Rajnish Pratap Singh	Liquid Handling Robot	2022	Electrical Engineering & Computer Science	Dr. Sujit P. B.
R00754	17213	Rakshit Meshram	Competitive Campaigns in Social Networks	2022	Electrical Engineering & Computer Science	Dr. Kundan Kandhway
R00755	17214	Rasila Banu	Anisotropic Inflation in Bianchi I Space-Time with Antisymmetric Tensor Field	2022	Physics	Prof. Sukanta Panda
R00756	17216	Raviraj Kamble	Study of a MOS Capacitor Device by Introducing a Ferroelectric Layer	2022	Physics	Dr. Santanu Talukder
R00757	17217	Rishabh Bhonsle	Risk-Aware Multi-Objective Optimization for Graph Traversals	2022	Electrical Engineering & Computer Science	Dr. Sujit P. B.
R00758	17218	Rishabh Dora	Polaron Transport in Optomechanical Arrays	2022	Physics	Dr. Sebastian Wuster
R00759	17219	Rishabh Gautam	Understanding the Role of Phonons in the Structural Phase Transition of A2BTeO ₆	2022	Physics	Dr. Surajit Saha
R00760	17221	Rishana Farins	Investigating the Role of Rerl in Myc-Induced Super-Competition in the Developing Drosophilawing Epithelium	2022	Biological Sciences	Dr. Varun Chaudhary
R00761	17223	Riya Mehta	Additive Combinatorics and Property Testing	2022	Mathematics	Dr. Jyoti Prakash Saha and Dr. Shashank Singh
R00762	17224	Rohan Sunil Dandavate	Pollination Behaviour of Indian Honeybee. Understanding Individual Level Pollinator Specialisation in <i>Apis Cerana Indica</i>	2022	Biological Sciences	Dr. Vinita Gowda
R00763	17226	Rohit Kumar Rawat	Study of Self-Propelling Platinum Coated Hematite Cube in Hydrogen Peroxide Solution	2022	Physics	Dr. Snigdha Thakur
R00764	17229	Ruchir Gupta	Simulating Molecular Diffusion in Fluorescence Correlation Spectroscopy Setting	2022	Chemistry	Dr. Sachin Dev Verma
R00765	17231	S Sharvesh	Techniques for Exploration Using Gaussian Processes	2022	Physics	Dr. Sujit P. B.
R00766	17232	Sabhrant Sachan	Numerical Simulation of the Fractional Laplacian Equation	2022	Mathematics	Dr. Ambuj Pandey and Prof. Oscar P. Bruno
R00767	17233	Sagar Das	Integrated Electronics With Oxide Semiconductor Based Memristors and Tfts	2022	Electrical Engineering & Computer Science	Dr. Pydi Ganga Mamba Bahubalindruni
R00768	17235	Sahil	Safety in Reinforcement Learning and Inverse Reinforcement Settings	2022	Electrical Engineering & Computer Science	Dr. Sujit P. B.
R00769	17237	Saloni Chopra	The Therapeutic Effects of Anti-IL-6 Receptor and Low Dose IL-2 in An Experimental Mouse Model of Type 1 Diabetes	2022	Biological Sciences	Prof. Stellan Sandler

R00770	17238	Samrajni Ghosh	Synthesis and Characterization of Optically- Controlled Cereblon Homo-PROTACs	2022	Chemistry	Dr. Debasish Manna
R00771	17239	Samuel Mondal	Improving the Assembly and Annotation Information of a Bird Genome to Gain Insights Into Its Phenotype	2022	Biological Sciences	Dr. Vineet Kumar Sharma
R00772	17240	Sandhya S	Floral Constancy Exhibited by Apis Bees on Kaas Plateau and the Floral Traits Behind this Behaviour	2022	Biological Sciences	Dr. Vinita Gowda
R00773	17241	Saniya Shinde	Endoscopy of Mouse Colon by the Use of Hyperspectral Imaging Technique	2022	Physics	Dr. Kanwarpal Singh and Dr. Snigdha Thakur
R00774	17242	Sanjana Wanare	Controlling Spatial Correlations Through Phase- Matching in SPDC	2022	Physics	Dr. Anand K. Jha and Dr. Phani K. Peddibhotla
R00775	17244	Sanketik Pradhan	On the Transfer Function of the Primordial Radiation	2022	Physics	Dr. Rajib Saha
R00776	17245	Sarthak Janardan Shende	Challenges and Strategies in Gene Loss Detection in Bird Genome	2022	Biological Sciences	Dr. Nagarjun Vijay
R00777	17246	Sauhard Shrivastava	Cloning And Overexpression of Proteins Involved in Sars-Co V-2 Infection to Elucidate Host- Pathogen Interactions	2022	Biological Sciences	Dr. Himanshu Kumar
R00778	17247	Saurabh Popatrao Tambe	Electronic Strucuture of Bi2PdPt	2022	Physics	Dr. Ravi Shankar Singh
R00779	17248	Saurav	Calculation and Tuning of Interactions Involving Rydberg Atoms	2022	Physics	Dr. Sebastian Wuster
R00780	17250	Saurav Eldho	Additive Number Theory	2022	Physics	Dr. Jyoti Prakash Saha
R00781	17251	Sebin Abraham	Rapid N-Terminus Glycine Specific Modification in Native Proteins	2022	Chemistry	Dr. Vishal Rai
R00782	17252	Shafvan Basheer Ahammed	Effect of Mixed-Addenda Metal Centers on Molecular Magnetic Properties of Co-II-Linked Polyoxometalate Framework	2022	Chemistry	Prof. Sanjit Konar
R00783	17253	Shaivi Chavan	On Hyperbolic Manifolds in Dimensions Two and Three	2022	Mathematics	Dr. Atreyee Bhattacharya
R00784	17255	Shashaank G	Partitioning or Valency? Uncovering the Forces Behind the Persistent Channel Activation of DkTx	2022	Biological Sciences	Dr. Jeet Kalia
R00785	17256	Shashikesh Kumar Thakur	Gravitational Waves From Binary Neutron Star Merger and Phase Transition in Neutron Star	2022	Physics	Dr. Ritam Mallick
R00786	17260	Shivangi Chourasia	Synthesis of Biopolymer-Based Composite Hydrogel as Smart Phosphate Fertilizer	2022	Chemistry	Dr. Paramita Das
R00787	17261	Shivasankar K.A.	Effect of U (1) B-L Breaking in Leptogenesis	2022	Physics	Dr. Rahul Srivastava
R00788	17262	Shoubhik Chandan Banerjee	Deep Learning Methods for Accurate Detections and Tracking for Behavioral Studies In C. elegans	2022	Biological Sciences	Dr. Rati Sharma
R00789	17263	Shreeya Sanjay Raich	Creating Mycobacteriophage D29 Gene Library In An E. Coli Expression Vector, pMS-QS-NHS	2022	Biological Sciences	Dr. Vikas Jain

R00790	17264	Shritama Chakrabarty	Investigating the Effect of Silencing of ATG5 Gene in Differentiation, Maintenance and Self-Renewal Ability of Cancer Stem Cells	2022	Biological Sciences	Dr. Sunando Datta
R00791	17268	Shubhankar Dash	Investigating the Role of Herbal Extracts in Chemo-Sensitive and Chemo-Resistant Gastric Cancer Cell Lines	2022	Biological Sciences	Dr. Sanjeev Shukla
R00792	17269	Shubhankar Kundu	Design, Synthesis and Characterization of Non-Heme Iron Complexes to Mimic TET Enzyme	2022	Chemistry	Dr. Debasish Manna
R00793	17271	Shweta Santosh Gaikwad	Exploring Eosin Hydrazide for Chemical Transformations	2022	Chemistry	Dr. Ankur Gupta
R00794	17272	Shwetapadma Dash	The Role of Mir-532-3p in Influenza A Virus Infection	2022	Biological Sciences	Dr. Himanshu Kumar
R00795	17274	Siddharth Bachoti	Dynamics of Cylindrical Non-Neutral Plasmas Using Particle-in Cell Simulations	2022	Physics	Prof. Rajaraman Ganesh
R00796	17275	Siddharth Nitin Chaini	Distance Metrics for Machine Learning in Time-Domain Astrophysics	2022	Physics	Prof. Ajit Kembhavi
R00797	17276	Siddhi Mukta	Phase Transition Induced Fast Radio Bursts	2022	Physics	Dr. Ritam Mallick
R00798	17278	Simran Poptani	Self-Assembly of 1,12-Benzoperylene Monoimide and Exploitation of Possible Anti-Kasha Fluorescence	2022	Chemistry	Dr. Apurba Lal Koner
R00799	17279	Smruti Dixit	Analysis of the Interactome of Insulin Using N-Gly Modified Insulin	2022	Chemistry	Dr. Vishal Rai
R00800	17280	Soumya Sanjay Kumar	Landauer Current in Quantum Dot Models	2022	Physics	Dr. Auditya Sharma
R00801	17282	Soumyadip Jana	Understanding the Role of G-Quadruplexstructures in Regulation of Enantioselective Synthesis of Cyclopropanes	2022	Chemistry	Dr.Bharathwaj Sathyamoorthy
R00802	17283	Soumyajit Chatterjee	Bounds for the Swampland	2022	Physics	Dr. Arnab Rudra
R00803	17284	Soumyanil Adhikary	Electrochromic Conjugated Porous Organic Polymer thin film for Photoelectrocatalysis	2022	Chemistry	Dr. Abhijit Patra
R00804	17287	Sree Chithra	Luminescent Silver Nanoclusters for Forster Resonance Energy Transfer with a Cucurbit[8] Uril Based Host-Guest System	2022	Chemistry	Prof. Saptarshi Mukherjee
R00805	17288	Sreehari P	Characterisation of Client-Binding Properties and Mitochondrial Interactions of A. thaliana Cytosolic Class I JDPs	2022	Biological Sciences	Dr. Chandan Sahi
R00806	17290	Sriya Mallik	Ratiometric Detection of Hazardous Organic Peroxide Using Boronate Ester-Conjugated Perylene and Its Self-Assembly Offers A Pure White Light Emission	2022	Chemistry	Dr. Apurba Lal Koner
R00807	17291	Srobona Mahajan	Investigating the Role of Histone H3 and H4 Residues in Regulation of Fluoride Induced Toxicity in Saccharomyces Cerevisiae	2022	Biological Sciences	Prof. Raghuvir Singh Tomar

R00808	17292	Sruthi P T	Crystal Structure Analysis and Investigation of the Effect of Substitution on Crystalline Benzanilides	2022	Chemistry	Prof. Deepak Chopra
R00809	17293	Subhadip Banerjee	Freiman's Theorem for Approximate Groups	2022	Mathematics	Dr. Jyoti Prakash Saha
R00810	17294	Sudhan Bhadade	High-Resolution Spectroscopy of A Single Nvcenter in Diamond	2022	Physics	Prof. Phani Kumar Peddibhotla
R00811	17296	Surya Suresh P	Enzymatic Cross-Linking of Short Peptide Amphiphiles to form Stable Uniform Nanoparticles	2022	Chemistry	Prof. Aasheesh Srivastava
R00812	17298	Swapnil Kiran	An Assessment of Human-Wildlife Conflict in India and Future Perspective on Conflict Management	2022	Biological Sciences	Dr.Nagarjun Vijay
R00813	17300	Swayangprabha Shaw	Stabilizer Formalism Based Analysis of Measurement Based Quantum Computing	2022	Physics	Prof. Ankur Raina
R00814	17301	Tamanna	A Review of the Kerguelen Mantle Plume Eruptions and Link with Supercontinent Breakup	2022	Earth and Environmental Sciences	Dr. Arundhuti Ghatak
R00815	17302	Tanmay Bhore	Entanglement Dynamics and Thermalization in Isolated Quantum Systems	2022	Physics	Dr. Auditya Sharma
R00816	17303	Tanvi Telang	Group C* - Algebras: Reduced, Universal, and Exotic	2022	Mathematics	Dr.Angshuman Bhattacharya
R00817	17304	Titiksha Kumari	Superconducting Properties of Re7Nb3	2022	Physics	Dr. Ravi Prakash Singh
R00818	17306	U R Arya Devi	Designing A Vector for Studying Translation form Circular RNA	2022	Biological Sciences	Dr. Ajit Chande
R00819	17307	Utkarsh	Theoretical Studies of Rpos Expression in E. Coli	2022	Chemistry	Dr. Rati Sharma
R00820	17308	Utpal Biswas	Alanine Scanning Mutagenesis for Structural and Functional Analysis of Human-Tom40	2022	Biological Sciences	Prof. R. Mahalakshmi
R00821	17309	Vaibhav Bedi	Synthesis of Chiral Hemilabile (P,N)-Bidendate Ligand (Ad-Chetphos)	2022	Chemistry	Dr. Nitin T. Patil
R00822	17310	Vaibhav Pal	Synthesis of Dendritic Amphiphiles and Lipids Using thiol-yne Photo- Click Chemistry	2022	Chemistry	Prof. Aasheesh Srivastava
R00823	17313	Vanshika Sood	Petrogenesis of Komatiites from the Archean Banasandra Greenstone Belt of Western Dharwar Craton, India	2022	Earth and Environmental Sciences	Dr. Ria Mukherjee
R00824	17315	Vikram Singh	C-H Activation and Annulation of Ferrocenecarboxamide and Indoles with Allenes Via Rhodium & Cobalt Catalysis	2022	Chemistry	Prof. Sangit Kumar
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R00979	18208	Sachin Mishra	Understanding the role of basal Signaling in STAT1 mediated enhancer functions	2023	Biological Sciences	Dr. Dimple Notani and Dr. Sanjeev shukla
R00980	18212	Saima Azam	Assessing the reactivation potential of landslide planes in the darjeeling -sikkim himalaya by fracture -Induced electromagnetic radiation (FEMR) Technique	2023	Earth and Environmental Sciences	Dr. Jyotirmoy Mallik
R00981	18213	Sajan Kumar Verma	Project Title: Toward Temperature tracking with unipolar metal oxidethin film sar C-2C ADC on plastic	2023	Electrical Engineering & Computer Science	Dr. Pydi Ganga Mamba Bahubalindruni
R00982	18215	Saleem Ibne Hussain	Study of hydrophobic coating using OTS and its Application in Bacterial infection Prevention	2023	Electrical Engineering & Computer Science	Dr. Santanu Talukder
R00983	18216	Samidha V Revankar	Seismic Attribute Analysis aided permeability Estimation of a coal Bed Methane Reservoir	2023	Physics	Dr. Jyotirmoy Mallik and Dr. Surajit Saha
R00984	18218	Sampoorna Mishra	Cross coupling of vinyl Iodides with phosphorothioites under Gold catalysis	2023	Chemistry	Dr. Nitin T. Patil
R00985	18222	Sanika Goray	Reproductive phenology and Sexual system in Aeschynanthus parviflorus (Gesneriaceae)	2023	Biological Sciences	Dr. Vinita Gowda
R00986	18223	Sanjid Backer K	Study on the potential of Tropomi for detecting the carbon monoxide emissions form stubble burning over Punjab	2023	Earth and Environmental Sciences	Dr. Dhanyalekshmi Pillai
R00987	18227	Sanu Kumar Ratna	Modulation of magnetic exchange in spin- crossover active metallo- Supramolecular tetrahedral cages	2023	Chemistry	Prof. Sanjit Konar
R00988	18229	Saravanan B	Patterns of morphospace Occupancy in Asian -Canopy Frugivorous Birds	2023	Biological Sciences	Dr. Anand Krishnan
R00989	18232	Satyarth Pandita	Cloning and characterization of proteins involved in drosophila Neuronal Morphogenesis and functions	2023	Biological Sciences	Dr. Vimlesh Kumar
R00990	18234	Saumya Jain	Action of the mapping class group on the pants complex	2023	Mathematics	Dr. Kashyap Rajeevsarathy
R00991	18235	Saurabh Sandip Satpute	Synthesis of unsymmetrical 2-Benzamide monotellurides and organotellurium cations: Their catalytic role in the synthesis of 1,2-Dihydroquinolines	2023	Chemistry	Prof. Sangit Kumar
R00992	18236	Sayanjit Banerjee	Investigation of spain -Lattice correlation in A2NilrO ₆ (A=Sm-Gd-Pr)	2023	Physics	Dr. Surajit Saha
R00993	18237	Sayonjyoti Beura	Thermodynamics of A-Type granite genesis and its implications for paleoproterozoic tectonics of the Indian peninsula	2023	Earth and Environmental Sciences	Dr. Pritam Nasipuri

R00994	18238	Sentamizh Selven R	Synthesis and photophysical studies of functionalized terrylene diimides	2023	Chemistry	Prof. J. Sankar
R00995	18241	Shambhawi Rani	Fourier Extensions of smooth Non -Periodic Functions	2023	Mathematics	Dr. Ambuj Pandey
R00996	18242	Shardul Shashikant Kamble	Deformation of Viscoelastic Drop Under Electric Field	2023	Chemical Engineering	Dr. Manoj Kumar Tripathi
R00997	18245	Shibasis Nayak	Triazine -Based covalent organic frameworks for sodium -ion Battery	2023	Chemistry	Dr. Abhijit Patra
R00998	18247	Shirshakk Purkayastha	UFedSHS: Federated Deep Reinforcement Learning based Profit maximization Smart healthcare system	2023	Electrical Engineering & Computer Science	Dr. Ajay Pratap and Dr. Mitradipt Bhattacharjee
R00999	18248	Shivam Waske	Weak -Chelation assisted Palladium/ Norbornene Mediated Arylation of Ferrocene	2023	Chemistry	Prof. Manmohan Kapur
R01000	18249	Shivan Bhatt	Dense Tracking Mapping and path planning using neural implicit Representations	2023	Electrical Engineering & Computer Science	Dr. P.B. Sujit
R01001	18250	Shivangi Singh	Geodynamic evolution of khasi mafic intrusives of the shillong plateau, meghalaya , North -East India	2023	Earth and Environmental Sciences	Dr. Arundhuti Ghatak
R01002	18257	Shreya Girish Kumar Pandit	Matter -Antimatter Asymmetry Using Leptogenesis	2023	Physics	Dr. Rahul Srivastava
R01003	18260	Shubham Chitte	Understanding Neotectonics of shillong plateau using geomorphological and structural analysis	2023	Earth and Environmental Sciences	Dr. Jyotirmoy Mallik
R01004	18263	Siddhant Aggarwal	Contraptions Using compliant mechanisims	2023	Physics	Dr. SnigdhaThakur
R01005	18265	Siddharth Sethi	Quantum Network Coding : A Transition from classical to Quantum Communication	2023	Electrical Engineering & Computer Science	Dr. Ankur Raina
R01006	18267	Smit Kanawade	Mesoscopically entangled States for Atom Interferometry	2023	Physics	Dr. SebastianWuster
R01007	18268	Smriti K S	Sumoylation of drosophila nucleoporin Elysand effect of nucleoporins in Drosophila hematopoiesis	2023	Biological Sciences	Dr. Ram Kumar Mishra
R01008	18269	Smuti Ranjan Biswal	The one with all: from AIE property to mechanochromism to detection of amine by dioxaborine fluorophore	2023	Chemistry	Dr. Apurba Lal Koner
R01009	18270	Sneha Thomas	Creating a Database of stable Nanopores in Graphene using the combinatorics of Hexagonal Lattices	2023	Chemical Engineering	Dr. Ananth Govid Rajan & Dr. Manoj Kumar Tripathi
R01010	18271	Soham Ragavendra Jorapur	Investigating the adaptability of GFP11 Peptide for protein engineering and Expression of therapeutic antibody fragments in a decentralised cell free protein manufacturing system .	2023	Biological Sciences	Dr. Ajit Chande
R01011	18272	Soumya Ranjan Sahoo	Occupancy Estimation with Thermal Cameras	2023	Electrical Engineering & Computer Science	Dr. Haroon R. Lone

R01012	18274	Sreevaths Golla	Western boundary currents: Representation in high -Resolution OGCMs And their relationship with climate modes	2023	Earth and Environmental Sciences	Dr. Pankaj Kumar and Prof. Paul Myers
R01013	18276	Srinibash Patra	Temporal dynamics of polarization in yeast cells: An in silico and Experimental approach	2023	Physics	Dr. Rati Sharma
R01014	18278	Sruthy A.	Excited -state dynamics of anthracene in aqueous solution	2023	Chemistry	Dr. Sachin Dev Verma
R01015	18279	Subhasish Mahalik	Differing Effects of bilateral Tax Treaties and corruption on foreign direct Investment	2023	Economic Sciences	Dr. Kaushal Kishore
R01016	18280	Sudhir Kumar	Geochemical exploration of Bhopal groundwater to assessits water qualitiy	2023	Earth and Environmental Sciences	Dr. Satinder Pal Singh
R01017	18281	Sujit Kumar Patjoshi	Photophysical investigation of a fluorescent molecular rotor as lipid droplet microviscosity sensor	2023	Chemistry	Dr. Apurba Lal Koner
R01018	18283	Suthanth Srinivasan	The quantum entropy function formalism and logarithmic correction to the entropy of asymptotically flat and ADS4 Extremal Reissner -nordstrom black holes	2023	Physics	Prof. Nabamita Banerjee
R01019	18286	Swaraj Nistane	Dynamic and guidance of an autonomous Underwater vehicle for target Tracking using lyapunov guidaance vectors	2023	Physics	Dr. Suresh Sundaram
R01020	18288	Talha Ahmed Khan	Adult Neurogenesis and Neuroinflammation in Alzheimer's Disease	2023	Biological Sciences	Dr. Hiyaa Ghose
R01021	18290	Tanishq Khandelwal	Sythesis and modification of peptide Nucleic Acid (PNA) Monomers via Reductive Amination	2023	Chemistry	Prof. Ishu Saraogi
R01022	18291	Tanishq Kumar Baswal	perception -Driven Route Planning using street View Imagery for Indian cities	2023	Electrical Engineering & Computer Science	Dr. Vaibhav Kumar and Dr. Sujit P.B.
R01023	18292	Tanvi Brahmankar	Exploing plant Rhizosphere Bacteria for their plant growth promoting properties	2023	Biological Sciences	Dr. Vineet K. Sharma
R01024	18294	Tara Chand	Design of analogue front -End Amplifiers for Bio -Potential with Aigzo TFTs on flexible substrate	2023	Electrical Engineering & Computer Science	Dr. Pydi Ganga Mamba Bahubalindruni
R01025	18296	Teesta Raychaudhari	Understanding role of prefoldin -like protein in neuronal regulation and eye morphogenesis in drosophila melanogaster	2023	Biological Sciences	Dr. Vimlesh Kumar
R01026	18297	Tirthajit Baruah	parameterized probability Distribution for augmentation on electronic healthcare records	2023	Electrical Engineering & Computer Science	Dr. Sujit P.B.
R01027	18298	Tushar Patel	Study of heat stress response in the context of overlapping pathway & aging in C. elegans	2023	Biological Sciences	Dr. Rati Sharma
R01028	18299	Urja Kumari	Microfinance Diffusion in A social network	2023	Electrical Engineering & Computer Science	Dr. Kundan Kandhway

R01029	18300	Utkarsha N Pande	Discovering the key players in ISG15 Conjugation pathway	2023	Biological Sciences	Dr. Atul Kumar
R01030	18302	V Shrivaraman	Autonomous driving with predictive motion planning : Using spatiotemporal aware trajectory prediction module with deep Reinforcement learning	2023	Electrical Engineering & Computer Science	Dr. Sujit P B
R01031	18303	Vaibhav Singh	Magnetics properties in crintercalated ZrTe ₂	2023	Physics	Dr. Ravi Prakash Singh
R01032	18305	Varun Dhankhar	System for monitoring Energy Consumption of Appliances	2023	Electrical Engineering & Computer Science	Dr. Haroon R. Lone
R01033	18306	Varun P	Understanding the Effect of Substitution on Fe III Tamil for 5-hmCOxidation and Further Investigation on High Valent Iron -Oxo Species to Mimic TET Enzyme	2023	Chemistry	Dr. Debasish Manna
R01034	18307	Vatsalya Sharan	Exploring the Role of cosmological relativistic degrees of freedom in constraining new physics	2023	Physics	Dr. Rahul Srivastava
R01035	18309	Vijay Chakravarty	Automation of the analysis of Large Hadron collinder superconducting circuit families using PSPICE and XYCE in the Steam Frameworkat CERN	2023	Electrical Engineering & Computer Science	Dr. Mitradip Bhattacharrjee
R01036	18311	Vikas	Game of ducci sequences	2023	Mathematics	Dr. Nikita Agarwal
R01037	18314	Vishal Arun Lohar	Rational Design and structural Evaluation of Pharmaceutical Cocrystals and Exploring R ₂ Te...H Interactions in small Molecules via cambridge structural Database	2023	Chemistry	Prof. Deepak Chopra
R01038	18317	Vivek Prakash	Spectroscopic and calorimetric Investigations of the sequestration of Anticancer Drug Epirubicin Hydrochloride : Role of mixed Micelles	2023	Chemistry	Prof. Saptarshi Mukherjee
R01039	18318	Vyom Kulkarni	Building A 2d Magneto-Optical Trap	2023	Physics	Prof. Subhash Chaturvedi
R01040	18319	Yash Sarwal	Heavy metal contens in labile fractions of estuarine-suspended sediments	2023	Earth and Environmental Sciences	Dr. Satinder Pal Singh
R01041	18321	Aditi Sharma	Strategy proof social choice functions in clockwise circular Domain	2023	Economic Sciences	Prof. Parikshit De
R01042	18324	Deeksha Kake	Evaluating Pubblicity Available Tools to analyse gut microbiome data of vitiligo patients and healthy individuals	2023	Biological Sciences	Dr. Vineet K. Sharma
R01043	18327	Vishakh Vasu	Hecke Theory for modular forms	2023	Mathematics	Dr. Karam Deo Shankhadhar
R01044	18328	Yashoverdhan Jha	First Law of quantum thermodynamics and its applications	2023	Physics	Prof. Subhash Chaturvedi

R01045	18330	Ajith Suresh Kumar	Emission and environmental Efficiency of Indian manufacturing : A Firm -Level analysis	2023	Economic Sciences	Dr. Vipin V.
R01046	18334	Jitendra Bhilala	Review of the chromite deposits in india and comparing with global chromite deposits	2023	Earth and Environmental Sciences	Dr. Ria Mukherjee
R01047	18336	Aakriti	Intron Expansion and contraction SFXN Gene paralogs	2023	Biological Sciences	Dr. Nagarjun Vijay
R01048	18337	Aarya	Size -Dependent study of third -Order optical nonlinearity in WS2QDS	2023	Physics	Prof. Adarsh K.V.
R01049	18338	Aditya Kumar	The Economics of mitigating climate change	2023	Economic Sciences	Dr. Kaushal Kishore
R01050	18339	Amar S Thomas	Solvent -Induced Highly Switchable Optical properties of copper Nanoclusters and the Isomeric Effects of Protecting group on their Bio- Mimicking Activity	2023	Chemistry	Prof. Saptarshi Mukherjee
R01051	18341	Anushi Nandu Khandare	Oxidative Potential (OP) Of Fine Particulate matter over Bhopal Central India	2023	Earth and Environmental Sciences	Prof. Ramya Sunder Raman
R01052	18342	Aparna V.	Investigating the role of gender (HH) in the expenditure pattern among households in india	2023	Economic Sciences	Dr. Vipin V.
R01053	18343	Apoorv Sandeep Potnis	Some topics in knot theory	2023	Mathematics	Dr. Dheeraj Kulkarni and Prof. Subhash Chaturvedi
R01054	18346	Atharva Kiran Bagul	Polarized spectra and hidden AGN of FR II Radio Galaxies	2023	Physics	Prof. Sukanta Panda
R01055	18347	Barial Majhi	Engineering of new CO-crystals of substituted Dibenzo (a,c) phenazines Using charge transfer cocrystallization and investigation of intermolecular Te...π Interactions in small molecules from the cambridge structural Database	2023	Chemistry	Prof. Deepak Chopra
R01056	18348	Batul Khuzema Shkir	Rhodium (III) Catalyzed Enantioselective synthesis of ferrocene Azepine Derivatives Via (4+3) C-H/N-H Annulation	2023	Chemistry	Prof. Sangit Kumar
R01057	18351	Bhore Aggarwal	Tax Treaties Environmental protection and foreign direct investment from OECD to developing Countries	2023	Economic Sciences	Dr. Kaushal Kishore
R01058	18352	Chandan Upadhyay	Effect of plasmonic metal nanoparticles on photo response and photo sensitivity of a CdS/cdse-Based optical sensor	2023	Electrical Engineering & Computer Science	Dr. Mitradip Bhattacharjee
R01059	18353	Debapratim Nag	NIR Light mediated controlled release of antimicrobials using Upconversion nanoparticles	2023	Chemistry	Dr. Debasish Manna
R01060	18354	Debapriya Sutar	Identification of potential druggable sites in the RNA- Dependent RNA polymerase of chandipura virus for Effective Antiviral Therapy	2023	Biological Sciences	Dr. Debasis Nayak

R01061	18355	Debasmita Ghosh	Ce-Doped Ni-Co Layered double Hydroxides / Graphene composite towards high -performance supercapacitors	2023	Chemistry	Dr. Amit Paul
R01062	18356	Dhananjay Daundkar	Winner Prediction and analysis of A professional Basketball match using machine learning and explainable AI	2023	Electrical Engineering & Computer Science	Prof. Kundan Kandhway
R01063	18357	Dhanashri Rathod	Interplay of donor substitution in Pyridoquinoxaline system : Delayed Fluorescence and Electrochromism	2023	Chemistry	Dr. Abhijit Patra
R01064	18359	Gaurav Kumar	Investigation the trafficking route of Wntless and Wnt proteins in polarised drosophila wing imaginal disc	2023	Biological Sciences	Dr. Varun Chaudhary
R01065	18360	Gauri Kotiwale	Photometric Bulge -Disk Decomposition of z=4 Galaxies	2023	Physics	Prof. Sukanta Panda
R01066	18362	Hitaishi Desai	Exploring Flammability and fire Resilience in grasses and forbs across broad environmental gradients	2023	Biological Sciences	Dr. Mahesh Sankaran
R01067	18363	Isika Ram	Biomarker Development for allergen -specific Immunotherapy	2023	Biological Sciences	Dr. Nagarjun Vijay
R01068	18364	Rohit Taeja Kumar	Concepts in Quantum Machine Learning and applications	2023	Electrical Engineering & Computer Science	Prof. Ankur Raina
R01069	18365	Kumar Vaibhav	Angular power spectrum NVSUMMS Radio Galaxies	2023	Physics	Dr. Rajib Saha
R01070	18366	Mahi Sachdeva	Vaccination strategy to minimize spread of disease in a network	2022	Electrical Engineering & Computer Science	Dr. Kundan Kandhway and Dr. Sujoy Bhore
R01071	18368	Manas Pratap	Analysis and Mitigation of NDR In DG-SOI NCFET Devices	2023	Electrical Engineering & Computer Science	Dr. Aditya Sankar Medury
R01072	18369	Mandon Mridul Pathak	Partial Differential Equations and applications to imaging	2023	Mathematics	Dr. Sombuddha Bhattacharya and Dr. Venkateshwaran P. Krishna
R01073	18370	Mayur Ramesh Sawale	Outward foreign direct investment from India	2023	Economic Sciences	Dr. Kaushal Kishore
R01074	18371	Meenakshi K V	A Statistical approach for generating hourly rainfall data in the Indian himalayan region	2023	Earth and Environmental Sciences	Dr. Sanjeev Kumar Jha
R01075	18374	Nishant Mahesh Naik	3D Modelling of chromosome compaction by active loop Extrusion	2023	Physics	Dr. Sunil Pratap Singh
R01076	18375	Oihik Mitra	Functional analysis of two WD40 Domain proteins RUP1 and RUP2 in regulating ABA mediated stress response in Arabidopsis	2023	Biological Sciences	Dr. Sourav Datta
R01077	18376	Om Mahesh Veknalli	Physico-Chemical characterization of naturally and anthropogenically weathered Basalt & Sandstone and their contribution to forming crustal aerosols of Bhopal India	2023	Earth and Environmental Sciences	Prof. Ramya Sunder Raman and Prof. Sampat Kumar Tandon
R01078	18377	Parth Kandwal	Searching Efficiently Through UAVs	2023	Electrical Engineering & Computer Science	Dr. Sujit P. B . and Dr. Sujoy Bhore

R01079	18378	Pasupuleti Gaganasri	Identification of scgb1A1 Gene in galliformes	2023	Biological Sciences	Dr. Nagarjun Vijay
R01080	18379	Priyanka Rani Panda	Synthesis of Benzimidazole Derived Organoseleniums: GPx-Mimic Antioxidant activity catalysis in iodination of Arenes and metal Complexation	2023	Chemistry	Prof. Sangit Kumar
R01081	18380	Rahul Kumar Pingoliya	Enantioselective synthesis of polycyclic Benzimidazoles using imidazation /intramolecular aza -Micheal Addition Cascade	2023	Chemistry	Prof. Prasanta Ghorai
R01082	18381	Raj Pritam Gupta	A high -Resolulution numerical weather prediction model WRF Setup over India : Applications for extreme precipitation events	2023	Mathematics	Dr. Pankaj Kumar and Dr. Saurabh Srivastava
R01083	18382	S Gangothri	Mass Flowering and facultative sex expression : The role of mutualistic and antagonistic interaction in shaping the andromonoecious murdannia simplex (Commelinaceae)	2023	Biological Sciences	Dr. Vinita Gowda
R01084	18383	Sahla Abdu	Game Approach in dea model with multi-State processes : A Case study of Indian Banks	2023	Economic Sciences	Dr. Vipin V .
R01085	18384	Saksham Chandna	Particle Acceleration By GR Shocks	2023	Physics	Dr. Ritam Mallick
R01086	18385	Sakshi Pradip Khandare	Effect of Methanol on Amorphous Solid Water Crystallization in Ultrahigh Vacuum At cryogenic Temperatures	2023	Chemistry	Prof. Aasheesh Srivastava
R01087	18386	Sanket Shete	Polynomial Representation of GI (n, K) And Schur algebra	2023	Mathematics	Dr. Vivek Sadhu
R01088	18387	Sanket shiddaram Houde	Mechanism of contrast gain and response gain using a discrimination task	2023	Biological Sciences	Dr. Sridharan Devarajan
R01089	18388	Sarthak Mishra	Model predictive control Based Approach to Trajectory Optimization of Autonomous under Water Vehicles	2023	Physics	Dr. Sujit P B
R01090	18389	Satish Kumar	Distribution and geochemistry of Uranium Groundwater of mansa punjab	2023	Earth and Environmental Sciences	Dr. Ashis Biswas
R01091	18391	Shakti Virendra Dahe	Deciphering the role of act element in the activation of parkin	2023	Biological Sciences	Dr. Atul Kumar
R01092	18392	Shanchhit Singh Nayak	Digital Divide and Learning Outcomes (Bloom's Taxonomy) : Post - Pandemic Evidence from Uttarakhand	2023	Economic Sciences	Dr. Vipin V. and Dr. Sreenath V S
R01093	18393	Shrujan Rajdeep	Investment and Borrowing in India : Exploring Household Decision -Making	2023	Economic Sciences	Dr. Biswajit Patra
R01094	18394	Shuhul Handoo	Understanding quantum Generative adversarial networks Via QNTK	2023	Electrical Engineering & Computer Science	Prof. Sanjay Kumar Singh and Prof. Ankur Raina
R01095	18395	Siddhant Sekhar	Continued Fraction Pade Approximants and PT system	2023	Physics	Dr. Auditya Sharma
R01096	18396	Simran Anil Koche	Superconductivity in high entropy Alloy Mo 0.2 Nb0.2 Ti0.2 V0.2 W0.2	2023	Physics	Dr. Ravi Prakash Singh

R01097	18397	Sonam Ninad Kulkarni	A Study of the effect of floral colour on plant-Pollinator interaction in <i>Helicteres isora</i> Linn. (Malvaceae)	2023	Biological Sciences	Dr. Vinita Gowda
R01098	18398	Subhajit Pramanik	Two-Side Commitment bayesian persuasion game	2023	Economic Sciences	Dr. Raghu S Venkatesh and Dr. Souvik Roy
R01099	18399	Subham Das	Polymer-Based flexible pressure and temperature sensors for tactile sensing	2023	Electrical Engineering & Computer Science	Dr. Mitradip Bhattacharjee
R01100	18400	Subhojit Pal	A quantum Trajectory approach to a Dissipative time -Crystals	2023	Physics	Prof. Jamir Marino and Prof. Fernando lemini , Dr. Suhas Gangadharaiah
R01101	18401	Sukrant Bhat	Fabrication of Cellulose Nanocrystals -Based Adsorptive Filtration membrane for Effective removal of Dyes	2023	Chemical Engineering	Dr. Paramita Das
R01102	18402	Spreeth Sunder	Study of structure and dynamics of active ring polymers under shear flow	2023	Physics	Dr. Snigdha Thakur
R01103	18403	Swadhin Meher	7-Dehydrocholesterol Reductase as a regulator of Dengue Infection and Immune Response	2023	Biological Sciences	Prof. Himanshu Kumar
R01104	18404	Uttara Kudesia	Impact of access to piped water connection on time usage - evidence from the jal jeevan Mission in rural India .	2023	Economic Sciences	Prof. Sandip Kumar Agarwal
R01105	18405	V Sai Samhitha	Comparative genomics and epigenetics; Unravelling the Evolutionary History of <i>Artocarpus</i> and <i>drosophila</i>	2023	Biological Sciences	Dr. Nagarjun Vijay
R01106	18406	Ramteke Vihar Sunil	Characterizing aggregate -prone protein of <i>Arabidopsis thaliana</i> using yeast as a model organism	2023	Biological Sciences	Dr. Chandan Sahi
R01107	18407	Vipul Bhadani	Machine Learning Approach to Predict Groundwater Level	2023	Earth and Environmental Sciences	Dr. Kumar Gaurav and Dr. Vaibhav Kumar
R01108	18409	Yadav Krishna	Anisotropy of magnetic susceptibility of pachmarhi dykes	2023	Earth and Environmental Sciences	Prof. Jyotirmoy Mallik
R01109	18410	Yash Agrawal	Winner prediction of an ongoing cricket match	2023	Electrical Engineering & Computer Science	Dr. Kundan Kandhway
R01110	18411	Yukta Singh	Synthesis of Alkyl Aryl Alkynes for Gold -Catalyzed 1,2-Diarylation of Alkynes	2023	Chemistry	Dr. Nitin T. Patil
R01111	18413	Sakshi Suryawanshi	A comprehensive study of KLLB1 and its interacting genes in cetaceans .	2023	Biological Sciences	Dr. Nagarjun Vijay
R01112	18414	Kasi Viswanath	Modelling and algorithmic development for UGV Autonomy in unstructured environments	2023	Physics	Dr. P.B. Sujit and Dr. Snigdha Thakur
R01113	18415	Adwitiya SJ Valentine	Electron -Rich Helical Scaffold and its Charge Transfer Interactions With Electron -Deficient molecules	2023	Chemistry	Prof. Aasheesh Srivastava
R01114	19056	Artina Deka	Synthesis and Characterization of Nanomaterials for Energy Applications	2023	Chemical Engineering	Dr. Sankar Chakma
R01115	19145	Jatin Bhumarkar	Simulation of Hematite anisotropic Janus particle under Self-Propulsion	2023	Chemical Engineering	Dr. Venkateshwar Rao Dugyala

R01116	18113	Jasna PA	Economic of Religion: A Microeconomic Analysis of India	2023	Economic Sciences	Dr. Raghul S Venkatesh & Dr Renny Thomas
(Thesis Submission Year 2024)						
R01117	19031	Anagha Bhaskaran	Merger and Acquisition Matching For Performance Improvement: An Analysis of the Indian Pharmaceutical Sector	2024	Economic Sciences	Dr. Vipin V
R01118	19033	Anamika Singh	On Investment in Education, Marriage Matching, and Labor Market Outcomes	2024	Economic Sciences	Dr. Raghul S Venkatesh
R01119	19084	Chavan Abhijeet Balaji	Impact of Climate Change on the Volatility of Financial Markets: A Global Perspective	2024	Economic Sciences	Dr. Biswajit Patra
R01120	19107	Dhruv Misra	Application of Hawkes Process in Financial High- Frequency Data	2024	Economic Sciences	Dr. Biswajit Patra & Dr. Shashi Jain
R01121	19180	Shivraj Basavraj Late	Corporate Governance and Bank Stability: Temporal Study of Indian Banks	2024	Economic Sciences	Dr. Biswajit Patra
R01122	19182	Maharnab Naha	Impact of Breaking the Language Barrier on School Education: Causal Evidence From a Natural Experiment in West Bengal	2024	Economic Sciences	Dr. Sandip K. Agarwal & Dr. Souvik Dutta
R01123	19201	Mulik Viraj Shivraj	On the Interaction of Economic and Social Populism	2024	Economic Sciences	Dr. Raghul S Venkatesh & Dr Parikshit De
R01124	19259	Sai Satyadarshan Bhuyan	A Novel Framework for Liquidity Risk Prediction Using Domain Specific Large Language Models (LLMs) for Bankruptcy Prediction in mid-sized American Banks	2024	Economic Sciences	Dr. Gaurav Dixit & Dr. Biswajit Patra
R01125	19260	Saikat Das	Economic Instruments and Psychological Well-Being of Rural Workers: Qualitative Insights From South Asia	2024	Economic Sciences	Dr. Sandip K. Agarwal
R01126	19300	Shubham Mishra	The Impact of in- House Water Access on Time Allocation and Household Expenditures: An Empirical Analysis	2024	Economic Sciences	Dr. Sandip K. Agarwal
R01127	19336	Vedisha Rajan Wasnik	Influence of Financial Assets on Bond Yield	2024	Economic Sciences	Dr. Biswajit Patra
R01128	19346	Barsinge Anjuman Gajanan	Impacts of Industrialization on Climate Change: A Sector- Wise Analysis	2024	Economic Sciences	Dr. Biswajit Patra
R01129	19022	Akanksha Singh	Multi Modal Deepfakes: Identity- aware Swaps	2024	Electrical Engineering & Computer Science	Prof. Richa Singh, Prof. Mayank Vatsa & Prof. P B Sujit
R01130	19029	Amartyaraj Kumar	Self-Powered Cu2O (CuO) Composite Based Vis-NIR Photodetector	2024	Electrical Engineering & Computer Science	Dr. Mitradip Bhattacharjee
R01131	19097	Deependra Singh Sinsinwar	Hardware Implementation of ECG Classification Through ANN Using Minimum Features	2024	Electrical Engineering & Computer Science	Dr. Pydi Ganga M. Bahubalindruni
R01132	19105	Shreya Dhopte	Soft Robotic Finger With Embedded and Controlled Actuation	2024	Electrical Engineering & Computer Science	Dr. Arijit Sen
R01133	19146	Jayasri Dharmireddi	Text Summarization Using Various Transformer Embeddings & Their Comparision	2024	Electrical Engineering & Computer Science	Dr. Mitradip Bhattacharjee
R01134	19187	Manjeet Yadav	An Analysis of Acoustic and Linguistic Features for Detecting Social Anxiety Disorder	2024	Electrical Engineering & Computer Science	Dr. Haroon R. Lone

R01135	19205	Nandigramam Sai Harshit	Video- Based Behavioural Analysis for Social Anxiety Detection	2024	Electrical Engineering & Computer Science	Dr. Haroon R. Lone
R01136	19237	Rajeev Kumar	Compact Low-Cost Integrated System Development For Electronic Circuits Testing	2024	Electrical Engineering & Computer Science	Dr. Pydi Ganga M. Bahubalindruni
R01137	19244	Rita Abani	"Variational Quantum Circuits for Real-Bogus Classification At the Palomar Observatory"	2024	Electrical Engineering & Computer Science	Prof. Matthew Graham & Prof. Mitradip Bhattacharjee
R01138	19249	Rohit Raj	Characterization and Analysis of Temperature Sensors	2024	Electrical Engineering & Computer Science	Dr. Aditya Sankar Medury
R01139	19267	Sanidhya Gupta	Error-Resilient Distributed Quantum Computation	2024	Electrical Engineering & Computer Science	Dr. Ankur Raina
R01140	19274	Saragadam Abhiram Laxmi Raj	Exploring Text To Image Generation With GANs: A Comparative Study of Text Encoders	2024	Electrical Engineering & Computer Science	Dr. Akshay Agarwal & Dr. Haroon R. Lone
R01141	19301	Shukla Shivam Ashokbhai	Benchmarking Robustness of DNN-based Image Classifiers Against Corruptions and Defense Using Diffusion Models	2024	Electrical Engineering & Computer Science	Dr. Akshay Agarwal & Dr. Mitradip Bhattacharjee
R01142	19315	Surya Prasath Ramalingam	Temporal Generative Repopulation of Street View Images	2024	Electrical Engineering & Computer Science	Dr. Vaibhav Kumar and Dr. Sujit PB
R01143	19332	Vatsala Nema	Unveiling the Inner Workings: Exploring Vision-Language: Exploring Vision-Language Models Through Mechanistic Interpretability	2024	Electrical Engineering & Computer Science	Prof. Vineeth Balasubramanian & Prof. Sujit PB
R01144	19345	Vishvajeet Singh	Compact Low-Cost Integrated System Development of Electronic Circuits Testing (Oscilloscope)	2024	Electrical Engineering & Computer Science	Dr. Pydi Ganga M. Bahubalindruni
R01145	19013	Adithya Sathyan	Novel Approaches for Designing A Vaccine Candidate Against KFDV	2024	Biological Sciences	Dr. Debasis Nayak
R01146	19020	Ajay P S	GenD Hub: Streamlining Access to Human Genetic Disorder Data Through A Searchable Database	2024	Biological Sciences	Dr. Rajasekhara Reddy Ravuri & Dr. Nagarjun Vijay
R01147	19021	Akanksha Lakra	Study on Significance of Floral Colour Change in Helicteres Isora. Linn and its Interaction With the Environment	2024	Biological Sciences	Dr. Vinita Gowda
R01148	19037	Anjli Tanwar	Exploring the Distribution of Antibiotic Resistance Genes in the Human Gut Microbiome of Two Populations	2024	Biological Sciences	Prof. Vineet K. Sharma
R01149	19038	Anju Babu	Characterisation of Telomerase in Hydra	2024	Biological Sciences	Prof. Sanjeev Galande
R01150	19054	Arpan Ghosh	Toxicokinetic Screening of Zebrafish CYP2Y3	2024	Biological Sciences	Prof. Joanna Wilson & Dr. Sourav Datta
R01151	19061	Ashley Suraj Hermon	Nup43, a Y -Complex Member, Contributes to the Efficient Reproductive Development in Drosophila Melanogaster	2024	Biological Sciences	Dr. Ram Kumar Mishra
R01152	19063	Ashwin Ananthanarayanan	Investigating the Role of Two B-Box Proteins in Early Seedling Development	2024	Biological Sciences	Dr. Sourav Datta
R01153	19066	Athulya T Gopi	Understanding tauopathy and C9-ALS/FTD: Novel Insights From Drosophila Eye and Synaptic Morphology	2024	Biological Sciences	Dr. Vimlesh Kumar
R01154	19076	Bhagyashree U Rao	Development of a Single-Column Method for Chromatographic Separation of Li, Mg, and K From Matrices: An Emphasis on Potassium	2024	Biological Sciences	Dr. Sambuddha Misra, & Dr. Sunando Dutta

R01155	19080	Binil Shyam T V	Co-Translational mRNA Degradation Model: A Totally Asymmetric Simple Exclusion Process	2024	Biological Sciences	Dr. Rati Sharma
R01156	19083	Aditi Chaudhari	Effects of Antibiotics on Denitrifying Activity of Pseudomonas Veronii	2024	Biological Sciences	Dr. Ram Kumar Mishra & Dr. Anniet Laverman
R01157	19095	Amey Danole	Spatial Patterning in Exposure to Floating Plastic Debris Northern Fulmars Localised in the Northeast Atlantic	2024	Biological Sciences	Dr. Francoise Amelineau & Dr. Vinita Gowda
R01158	19122	Bodhisatva D. Gedam	Role of BBX32 PIF3 and TCP4 in Cotyledon Opening in Arabidopsis Thaliana	2024	Biological Sciences	Dr. Sourav Datta
R01159	19125	Gokhale Pratik Ramesh	N2O Emission by Denitrifying Bacteria in Agricultural Watersheds	2024	Biological Sciences	Dr. Camille Vautier & Dr. Debasis Nayak
R01160	19143	Ishita Gupta	Population Bottlenecks Differentially Affect Evolution of Cooperative Traits in Myxococcus Xanthus Based on their Size and timing in the life Cycle	2024	Biological Sciences	Dr. Samay Pande & Dr. Debasis Nayak
R01161	19152	Kailash Mandi	Microscopic Analysis of Post-Translational Modifications of Tubulin in Mature Sperm	2024	Biological Sciences	Dr. Debasis Nayak & Prof. Sanjeev Shukla
R01162	19156	Kamble Pranay Suresh	Loss of TNFRSF17 Gene in Galliformes and Signature of Positive Selection in TNFRSF13C	2024	Biological Sciences	Dr. Nagarjun Vijay & Dr. Sourav Datta
R01163	19176	Kushal R Junghare	Exploring the Role of m6A Writer METTL3 in Dengue Infection	2024	Biological Sciences	Prof. Himanshu Kumar
R01164	19189	Manushi Dhar	Deciphering the Role of MEN1 Gene in Head and Neck Cancer: Functional Characterization and Implications	2024	Biological Sciences	Prof. Himanshu Kumar
R01165	19197	Motiwala Uzair Badruddin	Cloning of dCas13 Fused to mCherry and gRNA Fused to Broccoli Aptamer in Mammalian Expression Vector	2024	Biological Sciences	Dr. Ajit Chande
R01166	19232	Raghav Galgali	Characterization of Sexual Maturation Under Juvenile Protein Malnutrition in Mice	2024	Biological Sciences	Dr. Chandan Sahi
R01167	19247	Ritwick Sachdeva	Understanding Alphavirus- Host Receptor Interaction With In-Vitro and In- Silico Approached Using Chikungunya Virus Model	2024	Biological Sciences	Dr. Debasis Nayak & Dr. Ajit Chande
R01168	19253	Rutuja Jagtap	Assessment of Effect of Mofbased Drug Delivery System on Repurposed Antiviral Drugs Against Chikungunya Virus	2024	Biological Sciences	Dr. Deepti Parashar , Dr. Debasis Nayak & Dr. Ajit Chande
R01169	19258	Sahil Choudhary	Investigating the Impact of Sterol Acylation in DNA Damage & Repair Response Pathway in <i>Saccharomyces Cerevisiae</i>	2024	Biological Sciences	Prof. Raghuvir Singh Tomar
R01170	19261	Saksham Jain	Delineating Host and Phage Gene Regulation During D29 Mycobacteriophage Infection Of <i>M. Smegmatis</i>	2024	Biological Sciences	Prof. Vikas Jain
R01171	19262	Sakshi Vasant Wagle	Deciphering the Role of Intracellular Metabolite 'A' in Antimicrobial Resistance in <i>Salmonella</i>	2024	Biological Sciences	Prof. Dipshikha Chakravortty & Prof. Sunando Datta
R01172	19265	Sampurna Roychoudhury	Wild Genomes: The Key to Understanding the History and Demography of an Isolated Tiger (<i>P. tigris tigris</i>) Population in India	2024	Biological Sciences	Prof. Uma RamaKrishnan & Dr. Vinita Gowda
R01173	19272	Anushka D. Saqcena	Temporal Changes in Constancy and Floral Resource Preference in <i>Apis Cerana</i>	2024	Biological Sciences	Dr. Vinita Gowda

R01174	19283	Saundarya Prakash	Effect of Early Life Stress on Anxiety and Memory	2024	Biological Sciences	Dr. Sourav Banerjee & Dr. Vimlesh Kumar
R01175	19285	Isha Shahare	Understanding Carbohydrate Metabolism in the Human Gut Microbiome	2024	Biological Sciences	Prof. Vineet K. Sharma
R01176	19291	Dhvisha Shende	Understanding the Role of MicroRNA (miRNA) & Their Upstream Regulators in Domestication Associated Phenotypes	2024	Biological Sciences	Dr. P. V. Shivaprasad & Dr. Vinita Gowda
R01177	19297	Shreya V M	Studying the Interaction Between Sigma Factor D and Anti Sigma Factor RsdA in Mycobacterium Tuberculosis	2024	Biological Sciences	Dr. Nagarjun Vijay & Dr. Sourav Datta
R01178	19305	Sooraj Vasanthan	Using Mouse Genetics and Morphometry Tools to Investigate Neurons in the Adult Brain	2024	Biological Sciences	Dr. Hiyaa Ghose & Dr. Jeet Kalia
R01179	19311	Sukriti	Characterisation of Mate8 in Early Seedling Development in Arabidopsis Thaliana	2024	Biological Sciences	Dr Sourav Datta
R01180	19327	Thorat Sharvari Avinash	Neurobehavioral Mechanisms of Predator Odor Processing in Mice	2024	Biological Sciences	Dr. Nixon M. Abraham & Dr. Vinita Gowda
R01181	19341	Yudhajit Kundu	Comparing Different Ungulate Abundance Estimation Methods in the Arid Landscape of the Thar Desert	2024	Biological Sciences	Dr. Sutirtha Dutta & Varun Chaudhary
R01182	19342	Yugansh Bhatia	Effects of Drought on Whole Plant Water Use Efficiency (WUEp) of N-fixers and Non-fixers	2024	Biological Sciences	Prof. Mahesh Sankaran & Dr. Vinita Gowda
R01183	19343	Vishal Prajapat	Characterization of a RNA Binding Protein HuR in Mosquito and to Decipher its Role in Dengue Virus Infection	2024	Biological Sciences	Dr. Debasis Nayak & Dr. Nagarjun Vijay
R01184	19350	Anurag Yadav	The Interplay of SARS-CoV-2 Proteases with Host Proteins and Bioinformatic Analysis of Ubiquitin-like Domains in Plasmodium Falciparum	2024	Biological Sciences	Dr. Atul Kumar & Dr. Jeet Kalia
R01185	19357	Pushkar Wagh	Thermal Ecology of Anurans in an Urbanscape	2024	Biological Sciences	Dr. K.S. Seshadri & Dr. Maria Thaker
R01186	19026	Aman Mishra	Hydrazine Hydrate in Organocatalytic Chemoselective Hydrogenation of Activated C=C in 2-Oxindole Derivatives	2024	Chemistry	Prof. Prasanta Ghorai
R01187	19040	Anubhab Patra	Diastereomeric Ratio Affecting the Spin Crossover of three Fe4L6 Tetrahedral cages in Solution Phase	2024	Chemistry	Prof. Sanjit Konar
R01188	19045	Aparna Manoj	Design and Synthesis of an ESIPT- Based Small Molecule Fluorescent Probe for Early Cancer Detection	2024	Chemistry	Dr. Apurba Lal Koner
R01189	19068	Aysha Riya	Illuminate and Eradicate: Optochemical Control of Antibacterial Activity	2024	Chemistry	Dr. Debasish Manna
R01190	19073	Suryanka Mangesh Bansode	Observing Effects of Octa-Acid Encapsulation on Stilbene Photoisomerization Using Excited State QM/MM MD Simulation	2024	Chemistry	Dr. Varadharajan Srinivasan
R01191	19112	Durjay Roy	Cascade Reactions of Diazodiens: Novel Strategies for the Synthesis of Indolizines and Triazoles	2024	Chemistry	Dr. Sreenivas Katukojvala
R01192	19114	Fathima Nida P S R	Exploring Cocrystallization in Atovaquone and Investigation of Intermolecular Interactions in Substituted Thienopyrimidines	2024	Chemistry	Prof. Deepak Chopra
R01193	19115	Fathimath Habeeba K V	Tuning the Surface Area of High Entropy Metal Phosphide Towards Electrocatalytic Water Oxidation	2024	Chemistry	Prof. Amit Paul
R01194	19117	Fidha Shirin P K	Synthesis and Characterization of Meso- Hydroxy Isocorrole	2024	Chemistry	Prof. J. Sankar

R01195	19121	Gauthaman Kalarikkandy	Remote Functionalization Using Carbene as the Alkylating Precursor	2024	Chemistry	Prof. Manmohan Kapur
R01196	19132	Harishankar M S	Co-Existence of Spin- Crossover and luminescence in Fe (II) 2D Hofmann Clathrates Near Room Temperature	2024	Chemistry	Prof. Sanjit Konar
R01197	19149	Jeevan Ginoy	Electrochemical Sensing of Uric Acid with Glassy Carbon Electrode (GCE) Modified with Transition Metal Oxides (TMO)	2024	Chemistry	Dr. Rati Sharma , Dr. Sweta Lal & Dr. Amit Paul
R01198	19154	Kalyanshi Ubnare	Stimuli-Responsive Nanoparticles Prepared Through Enzymatic Dimerization- Induced Self- Assembly (e-DISA) Employed in Drug Release	2024	Chemistry	Prof. Aasheesh Srivastava
R01199	19164	Kavya	Synthesis, Characterization and Observation of Ultrafast Hot Carrier Dynamics in Perovskite Quantum Dots	2024	Chemistry	Dr. Sachin Dev Verma
R01200	19171	Deep Sushant Kulkarni	Dinuclear-Gold- Catalyzed Sulfenylation of Alkenes Via Sulfur (VI) Radical	2024	Chemistry	Prof. Nitin T. Patil
R01201	19186	Arjun Mane	Design, Synthesis, and Bioactivity of Small Molecules Against Hsp70 Proteins.	2024	Chemistry	Dr. Ishu Saraogi
R01202	19198	Mriganka Parasar	Subtle Atomistic Differences in DNA Duplexes: A Solution-State NMR Spectroscopy Study	2024	Chemistry	Dr. Bharathwai Sathymoorthy
R01203	19215	Saikumar Parshanaboina	Studying the Effect of Sodium- Ion Storage in Al-Doped NASICON Type NaFe ₂ PO ₄ (SO ₄) ₂	2024	Chemistry	Prof. Amit Paul & Dr. Rohit R. Gaddam
R01204	19231	Rachit Singh Chauhan	Pd-Catalyzed Distal Dehydrogenative Arylation of Aliphatic Free Acid	2024	Chemistry	Prof. Debabrata maiti & Dr. Sreenivas Katukojvala
R01205	19236	Rajatha Rajendran	Synthesis, Functionalization and Photophysical Studies of Nonplanar Corrole Macrocycles	2024	Chemistry	Dr. J. Sankar
R01206	19248	Riya Gupta	Photo-Mediated Preparation & Photo-Induced Intercluster Conversion of Thiol- Templated Copper Nanocluster	2024	Chemistry	Prof. Saptarshi Mukherjee
R01207	19251	Ronak Singha	Room Temperature Phosphorescence in Solution State Induced by ATP- Triggered Supramolecular Polymerization	2024	Chemistry	Dr. Apurba Lal Koner
R01208	19266	Sandra P Raju	Design and synthesis of Tripodal Ligand for Precision Control of Cu (I) Homeostasis	2024	Chemistry	Dr. Debasish Manna
R01209	19295	Shradha V T K	Endoplasmic Reticulum-Targeting Delayed Fluorescence Probe for Nitroreductase Sensing	2024	Chemistry	Prof. Abhijit Patra
R01210	19313	Sumit Nag	Integrated Capture and Conversion of CO ₂ to Methanol Via N-Formylation of Amine	2024	Chemistry	Prof. Joyanta Choudhury
R01211	19319	Swarnadeep Mandal	Synthesis of Organochalcogens Via Light Irradiated [2 + 2] Cycloaddition and Alkyl Transfer	2024	Chemistry	Prof. Sangit Kumar
R01212	19352	Shinu Shaleela P P	Chiral Organotellurium Catalysts for Asymmetric Seleno- and Thia Michael Addition Reactions	2024	Chemistry	Prof. Sangit Kumar
R01213	19356	Abheepsa Pani	Characterisation of UV-VIS Spectra of the Freebase Phthalocyanine (H ₂ Pc) Using Tddft Methods.	2024	Chemistry	Dr. Varadharajan Srinivasan
R01214	19002	Aakash Kumar	Improving Code-Mixed Humor and Sarcasm Detection Through Multi- Tasking and Native Sample Mixing	2024	Data Science and Engineering	Dr. Jasabanta Patro & Dr. Akshay Agarwal
R01215	19009	Abhishek Kuriyal	Proposallearn : Crafting Proposals For Deep Learning Based Tree Extraction Using Virtual Lidar in Boreal Forest	2024	Data Science and Engineering	Dr. Vaibhav Kumar

R01216	19017	Aditya Sneh	On the Robustness of Deep Iris Presentation Attack Detectors	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01217	19042	Anurag Nihal	Musmix: Multi - Source Mixing for Unsupervised Domain Adaptation Based 3D Lidar Semantic Segmentation	2024	Data Science and Engineering	Dr. Vaibhav Kumar & Prof. Bharat Lohani
R01218	19048	Archana Yadav	Neuro Exploration of Odor: Analyzing Olfactory Information Via Human EEG Data	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01219	19069	Ayush Dabra	A Deep Learning Based Approach for Urban Quality of Life Assessment Using UAV, Street View Imagery and Crowd Sourced Spatial Data	2024	Data Science and Engineering	Dr. Vaibhav Kumar
R01220	19103	Devesh Sharma	A Graph-Based Application for Workflow Discovery and Link Prediction in Multiplex Networks	2024	Data Science and Engineering	Dr. Jasabanta Patro
R01221	19104	Hrutaraj Mahendra Dhake	Addressing the Impact of Illicit drug Abuse on Deep Facial Recognition: A Path to Enhanced Solutions	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01222	19131	Hardik Soni	Print Tiger: Printed Text Image GEneraTor	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01223	19137	Harshul Raj Surana	Knowledge-Guided Virtual Health Assistant for Depression	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01224	19141	Hritik Bana	Deep Reinforcement Learning- Based Vehicle Routing for Persistent Monitoring Mission	2024	Data Science and Engineering	Dr. Kaarthik Sundar & Prof. P. B. Sujit
R01225	19163	Kavin R V	Context Aware Training for Autoregressive Passage Retrieval	2024	Data Science and Engineering	Dr. Maunendra Sankar Desarkar & Dr. Jasabanta Patro
R01226	19185	Manav Kundal	Multimodal Classification of Gene Mutations for Lung Cancer Radiogenomics	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01227	19188	Manoj kumar	Bio Medical knowledge Base (BMKG): Building a Multiomic Database and Identifying Disease Targets With Machine Learning Techniques	2024	Data Science and Engineering	Dr. Parthiban Srinivasan
R01228	19211	Ojaswee	AdvObject: Blending a Natural- Looking Adversarial Patch for Fooling Object Detectors	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01229	19222	Praharsh Amit Nanavati	Causal Representation Learning for Treatment Effect Estimation	2024	Data Science and Engineering	Dr. vinod Kurmi
R01230	19229	Pushpendra Dhakar	UrbanMixNet: Domain - Aware Generalization- Based Segmentation of Urban Street View Environments Using Simulated Datasets	2024	Data Science and Engineering	Dr. Vaibhav Kumar
R01231	19243	Rishabh Singh	Quantifying Relationship Between Street Greenery and Urban Built- Ups Using Street View Images	2024	Data Science and Engineering	Dr. Vaibhav Kumar
R01232	19245	Ritik Bhardwaj	Advancing Social Navigation in ROS2: Human Pose Estimation and Motion Forecasting to Improve Human Robot Interaction (HRI) and Social Navigation	2024	Data Science and Engineering	Dr. Vaibhav Kumar
R01233	19279	Saswata Sarkar	Deep Reinforcement Learning Approach to Minimize Task Wait Times in Dynamic Vehicle Routing	2024	Data Science and Engineering	Prof. P. B. Sujit
R01234	19290	Anushka Sanjay Shelke	A GPT- Based Strategy for Designing Target Specific De Novo Molecular Generation	2024	Data Science and Engineering	Dr. Parthiban Srinivasan

R01235	19294	Shraddha Agarwal	A NLP Based Literature Mining Framework to Identify Nutraceuticals From Relevant Articles	2024	Data Science and Engineering	Dr. Tanmay Basu
R01236	19312	Sumit Dangi	Deep Attention Driven Reinforcement Learning Framework for Motion Planning in Autonomous Driving	2024	Data Science and Engineering	Dr. Vaibhav Kumar & Prof. P. B. Sujit
R01237	19321	Yasmin Manavar Tadavi	Generative Question Answering and Information Extraction Over Biomedical Literature with Large Language Models	2024	Data Science and Engineering	Dr. Parthiban Srinivasan
R01238	19323	Tanuj Singh Shekhawat	Studies on Biomedical Knowledge Graph and Language Modelling for Drug Discovery Research	2024	Data Science and Engineering	Dr. Parthiban Srinivasan
R01239	19328	Udaybhan Rathore	Is Face Super Resolution Truly Pushing the Boundaries of Face Recognition	2024	Data Science and Engineering	Dr. Akshay Agarwal
R01240	19347	Anuradha Mahato	Semantic Segmentation of Intra Vascular UltraSound (IVUS) Images With Active Learning	2024	Data Science and Engineering	Dr. Vinod Kumar Kurmi
R01241	19056	Artina Deka	Synthesis of Transition Metal Sulphide Electrocatalysts for Oxygen Evolution Reaction	2024	Chemical Engineering	Dr. Sankar Chakma
R01242	19145	Jatin Bhumarkar	Active Janus Particles in Bulk and at Air-Water Interface	2024	Chemical Engineering	Dr. Venkateshwar Rao Dugyala
R01243	19058	Asari Sushma Surjibhai	Surface Water Dynamics in Madhya Pradesh, Central India	2024	Earth and Environmental Sciences	Dr. Somil Swarnkar & Kumar Gaurav
R01244	19075	Bela Amol Lodh	Assessing the Spatio-Temporal Characteristics of Low Pressurs Systems Over India During the Summer Monsoon Season	2024	Earth and Environmental Sciences	Dr. Pankaj Kumar
R01245	19092	Damanjit Singh	Mapping the Palaeobotanical Diversity in Central-Western India During India's time as an Island Continent	2024	Earth and Environmental Sciences	Dr. Vinita Gowda & Dr. Jyotirmoy Mallik
R01246	19093	Danal Singh	Characterization of Selenium Reservoirs in the Aquifer Sediments of Seleniferous Area of Punjab, India	2024	Earth and Environmental Sciences	Dr. Ashis Biswas
R01247	19151	Shreya Kiran Joshi	Source Apportionment of PM2.5 Over Mysuru: Exploring Source Influence on Select Development Indicators.	2024	Earth and Environmental Sciences	Prof. Ramya Sunder Raman
R01248	19153	kalyankar Anirudh	SN Attenuation (Qsn) Tomography Model of Western Tibet and its Surrounding Regions	2024	Earth and Environmental Sciences	Dr. Ashwani Kant Tiwari
R01249	19224	Prashant Kumar	Empirical Calibration of Garnet-Orthopyroxene Geothermometer	2024	Earth and Environmental Sciences	Dr. Pritam Nasipuri
R01250	19228	Pritam Anurag	Investigating the Synoptic Conditions During Atmospheric River Events Over Indian Subcontinent	2024	Earth and Environmental Sciences	Dr. Shubhi Agrawal,
R01251	17178	Pankaj Karande	Construction of Wavelets Using Linear Algebra Along With the Study of its Applications	2024	Mathematics	Dr. Ambuj Pandey & Dr. Rahul Garg

R01252	17215	Ravi Meel	Wavelets and its Applications in Image Processing	2024	Mathematics	Dr. Rahul Garg & Dr. Ambuj Pandey
R01253	18020	Akash Mutum	Asissted Shortest Path Planning for a Convoy in a Partially Impeded Non Deterministic Network	2024	Mathematics	Prof. Prahlad Vaidyanathan & Dr. Sombuddha Bhattacharyya
R01254	18358	Faisal Farooq	Generalized Petersen Graphs as Cayley Graphs and as Kronecker Covers.	2024	Mathematics	Prof. Kashyap Rajeevsarathy
R01255	19003	Aaryan Dharmesh Shah	Estimation of the Hausdorff Measure of the Sierpinski Triangle	2024	Mathematics	Dr. Ajit Bhand
R01256	19047	Aravind Sunil	Geometric Graph Theory	2024	Mathematics	Dr. Atreyee Bhattacharya
R01257	19124	Hrishikesh Ghate	Profinite Groups, Galois Cohomology and C1 Fields	2024	Mathematics	Dr. Vivek Sadhu
R01258	19140	Himanshi Sharma	Probabilistic Models for Predicting Stock Returns	2024	Mathematics	Dr. Kartick Adhikari
R01259	19142	Hussain Muhammad Habib	Radon and X - Ray Transform in Euclidean Domain	2024	Mathematics	Dr. Manas Kar
R01260	19166	Khobragade Yash Shamsundar	Lower Bounds for Multicolor Star-Critical Ramsey Numbers	2024	Mathematics	Dr. Siddhartha Sarkar Dr. Mark Budden
R01261	19216	Shivam Kalpeshbhai Patel	Finite Element Method for Elliptic Partial Differential Equations	2024	Mathematics	Dr. Ambuj Pandey & Dr. Sombuddha Bhattacharyya
R01262	19218	Atharva Ajit Patwardhan	Maass Forms and L-Functions	2024	Mathematics	Dr. Karam Deo Shankhadhar & Prof. Manickam Murugesan
R01263	19226	Pratibha	Two Studies: Inscribed Polygons and Ramsey- Type Theorems	2024	Mathematics	Dr. Anandateertha Mangasuli
R01264	19233	Rahul Krishnakumar	Stochastic Calculus and its Applications in Finance	2024	Mathematics	Dr. kartick Adhikari & Dr. Sombuddha Bhattacharyya
R01265	19269	Sanjeet Kumar Sahoo	Choquet Theory	2024	Mathematics	Prof. Prahlad Vaidyanathan
R01266	19278	Sarthak Sourav Dash	Composition Operators and Complex Function Theory	2024	Mathematics	Prof. Prahlad Vaidyanathan
R01267	19280	Satya Ranjan Ray Choudhury	The Circle Method and its Applications	2024	Mathematics	Dr. Karam Deo Shankhadhar
R01268	19292	Shivam Tiwari	Von Neumann Algebra and its Applications in Quantum Theory	2024	Mathematics	Dr. Angshuman Bhattacharya & Dr. Dheeraj Kulkarni
R01269	19299	Shubhajit Dey	Theoretical & Computational Considerations of Sturm-Liouville Systems.	2024	Mathematics	Dr. Anandateertha Mangasuli & Dr. Ambuj Pandey
R01270	19005	Abhijeet kumar	Group Theoretic Analysis of Band Degeneracies in of Band Degeneracies in Crystals	2024	Physics	Dr. Nirmal Ganguli

R01271	19007	Abhisek Swain	Exploring the Scale of Homogeneity of Our Universe	2024	Physics	Dr. Rajib Saha
R01272	19011	Adarsh Kumar	Uncovering the Connection Between Observed and Intrinsic Galaxy Properties Using Machine Learning	2024	Physics	Prof. Carlton M. Baugh & Prof. Sukanta Panda
R01273	19035	Ananya R	Designing An Automated Imaging Pipeline for the Ugmrt	2024	Physics	Dr. Mayuresh Surnis
R01274	19050	Arihant Tiwari	Detection and Analysis of Quasar Spectroscopic Anomalies	2024	Physics	Dr. Vivek M & Dr. Mayuresh Surnis
R01275	19052	Arjun G	Quantifying Entanglement of Mixed States in Three- Level Systems Using Entanglement of Formation and Geometric Measure of Entanglement	2024	Physics	Prof. Subhash Chaturvedi & Dr. Ankur Raina
R01276	19087	Chinmaya Singh	Primordial Gravitational Waves: How Well Can We Measure it ?	2024	Physics	Prof. Rajib Saha
R01277	19089	Chirag Sharma	Understanding Physics of the Early Universe Using Boltzmann Equations	2024	Physics	Dr. Rajib Saha
R01278	19096	Dave Khush keyur	Effect of Correlated Noise on Defect Formation in Quantum Quenches	2024	Physics	Dr. Suhas Gangadharaiah & Dr. Sebastian Wuister
R01279	19101	Devang V Krishnan	Quantum Sensing Using NV Centers	2024	Physics	Dr. Phani Kumar Peddibhotla
R01280	19102	Devesh Kumar Verma	Spectral Correlations in 1D Quasiperiodic Systems	2024	Physics	Dr. Suhas Gangadharaiah
R01281	19113	Ebin Paul	Stochastic Inflationary Dynamics for Cubic Potential	2024	Physics	Prof. Sukanta Panda
R01282	19116	Feminabnu A M	Magnetic Properties of CeSb Te	2024	Physics	Dr. Ravi Prakash Singh
R01283	19127	Gourav Kumawat	Atmospheric and Chemical Analysis of Blue Straggler Populations in NGC 3201	2024	Physics	Dr. Ramakant S. Yadav & Prof. Sukanta Panda
R01284	19136	Harshita Saxena	Thermodynamic and Information Analysis of the MAP Kinase Pathway	2024	Physics	Dr. Rati Sharma & Dr. Sunil Pratap
R01285	19138	Janhavi Hatwar	Variational Quantum factorization Using Quantum Approximate Optimization Algorithm	2024	Physics	Dr. Debanjan Bhowmik & Dr. Auditya Sharma
R01286	19150	Jishnu P	Superconductivity in TaB	2024	Physics	Prof. Ravi Prakash Singh
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