3,2,2 Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non- Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th May 2019); Development and Application of Optical Fibre Sensors.	Dr. S.K. Dixit	DAE	Government	Physical Sciençes	2019	70	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th : May 2019); Studies on ultra-high intensity Laser Material interaction.	Dr.J. A. Chakera	DAE	Government	Physical Sciences	2019	400	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th May 2019); Atom Optics	Dr. Satya Ram Mishra	DAE	Government	Physical Sciences	2019	150	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th May 2019); Development of various systems for laser applications.	Dr., B. N. Upadhyaya	DAE **	Government	Physical Sciences	2019	370	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th May 2019); Advanced Diode Pumped Laser and Ultra Fast Fibre Laser.	Dr. P.K. Mukhopadhyay	DAE	Government	Physical Sciences	2019	300	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th May 2019); Development and Application of Fibre Lasers,	Dr. C.P. Singh	DAE	Government	Physical Sciences	2019	100.52	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15 th May 2019); Development of Temprature strain for Waste Immobilization Plant (WIP), BARC.	Dr. Ramakanta Biswal	DAE	Government	Physical Sciences	2019	77	5 years
Development of laser system and related technologies for utilization in Nuclear and Non-nuclear application areas (VS9/RRR3004, UID No: RRR2024 dated 15th May 2019); Atom Optics	Dr. Vibhuti Bhushan Tiwari	DAE	Government	Physical Sciences	2019	50	5 years
Up-gradation of R&D Facilities and Materials Research for Technological Applications (VS9/RRC/440, UID No.: RRR4003, dated 5 th Sep 2019); X-ray optics, thin film, surface and interface.	Dr. M.H. Modi	DAE	Government	Physical Sciences	2019	60	5 years
Up-gradation of R&D Facilities and Materials Research for Technological Applications (VS9/RRC/440, UID No.: RRR4003, dated 5 th Sep 2019); Synchrotron Utilization	Dr. Sanjay Kumar Rai	DAE	Government	Physical Sciences	2019	60	5 years
Up-gradation of R&D Facilities and Materials Research for Technological Applications (VS9/RRC/440, UID No.: RRR4003, dated 5 th Sep 2019); Material characterization	Dr. M K Tiwari	DAE	Government	Physical Sciences	2019	20	5 years

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Un aradation of D &D Capilities and	7						
Up-gradation of R&D Facilities and Materials Research for Technological Applications (VS9/RRC/440, UID No.)	Dr. Tarun Kumar Sharma	DAE	Government	Physical Sciences	2019	790	
RRR4003, dated 5 th Sep 2019); Semiconductor Materials and Devices	Dr. Farun Kumar Sharma	DAE	Government	Physical Sciences	2019	750	5 years
Up-gradation of R&D Facilities and							J years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:	Dr. Vikay Kumar Dixit	DAE	Government	Physical Sciences	2019	23	
RRR4003, dated 5 th Sep 2019); Semiconductor Materials and Devices	Di. Vikay Kumai Dixit	DAE	Government	I Hysical Sciences	2019	25	5 years
Up-gradation of R&D Facilities and					_		J years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:	Dr. Salahuddin Khan	DAE	Government	Physical Sciences	2019	99	
RRR4003, dated 5 th Sep 2019); Semiconductor Materials and Devices	Di Salahuddin Khan	DAE	Government	Physical Sciences	2019	77	5 years
Up-gradation of R&D Facilities and			_				J years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:							
RRR4003, dated 5 th Sep 2019); Laser and Functional Materials Development	Dr.Rajeev Bhatt	DAE	Government	Physical Sciences	2019	25	
KKK4003, dated 3 Sep 2019), Laser and Functional Materials Development							5 years
Up-gradation of R&D Facilities and					_		J years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:							
RRR4003, dated 5 th Sep 2019); Laser and Functional Materials Development	Dr. Srinibas Satapathy	DAE	Government	Physical Sciences	2019	18	
RRR4003, dated 3 Sep 2019); Laser and Functional Materials Development							5 veers
Up-gradation of R&D Facilities and					-		5 years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:							
RRR4003, dated 5 th Sep 2019); Laser and Functional Materials Development	Dr. S. M. Gupta	DAE	Government	Physical Sciences	2019	3	
KKK4003, dated 3 Sep 2019), Laser and Functional Materials Development							5 years
Up-gradation of R&D Facilities and							J years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:							12
RRR4003, dated 5 th Sep 2019); Laser and Functional Materials Development	Dr.Gurvinderjit Singh	DAE	Government	Physical Sciences	2019	25	
KKR4003, dated 5 Sep 2019); Laser and Functional Materials Development							5 years
Up-gradation of R&D Facilities and							J years
Materials Research for Technological Applications (VS9/RRC/440, UID No.:	Dr. Doultoi Mines	DAE	Covernment	Dhygiaal Caiongas	2019	69.12	
RRR4003, dated 5 th Sep 2019); Laser Material Processing	Dr. Pankaj Misra	DAE	Government	Physical Sciences	2019	09.12	5 years
Development of high-stability power converters; Upgrades of Indus Accelerators	D. Managal, D. Hadalana						J years
Development of high-stability power converters, Opgrades of indus Accelerators	Dr. Mangesh Balkrishna	DAE	Government	Engineering Sciences	2019	87.1	5 years
Enhancement of Infrastructure Facilities for Superconducting Cavity Development	Borage						J years
and Testing; FEL and Utilization	Dr. Vinit Kumar	DAE	Government	Physical Sciences	2019	74	3 years
Basic and Applied Research in Biophysics and Material Sciences: Post-	Partha Saha	DAE			2019		5 Years
transcriptional and post-translational mechanism in regulation of eukaryotic cell	raitha Salla	DAL	Government	Life Science	2019	45	J Tours
cycle progression			Government	Life Science		15	
Basic and Applied Research in Biophysics and Material Sciences: Structural	Sampa Biswas	DAE			2019		5 Years
insights on viral and human proteins	Bumpa Biswas	D/ LD	Government	Life Science	2017	8.3	
Basic and Applied Research in Biophysics and Material Sciences: Structural	Udayaditya Sen	DAE			2019		5 Years
insights on viral and human proteins		15.12	Government	Life Science		2	
Basic and Applied Research in Biophysics and Material Sciences: Structural and	H Raghuraman	DAE			2019	50	5 Years
functional insights of membrane transporters			Government	Life Science		50	
Basic and Applied Research in Biophysics and Material Sciences: Mechanism of	Subhendu Ray	DAE		T : C - C - : -	2019	5	5 Years
protein function by molecular dynamics simulation			Government	Life Science		3	
Basic and Applied Research in Biophysics and Material Sciences: Development of	Dulal Senapati	DAE			2019		5 Years
composite nuclear-plasmonic materials for highly sensitive site specific			Government	Life Science		23	
chemotherapy							
Basic and Applied Research in Biophysics and Material Sciences: Exploration of	Padmaja Prasad Mishra	DAE			2019		5 Years
the activities of DNA repair inhibitors: Future targets to improve cancer therapy		100	Government	Life Science		19	al H
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Basic and Applied Research in Biophysics and Material Sciences: Elucidation of regulatory mechanisms upon perturbation ofreceptor tyrosine kinases in tumors	Debashish Mukhopadhyay	DAE	Government	Life Science	2019	40	5 Years
Basic and Applied Research in Biophysics and Material Sciences: Characterization of mitochondrial fission-fusion in tumorigenesis	Oishee Chakrabarti	DAE	Government	Life Science	2019	21	5 Years
Basic and Applied Research in Biophysics and Material Sciences: Role of nuclear intermediate filaments in regulation of cellular and nuclear stiffness in neoplasia	Kaushik Sengupta	DAE	Government	Life Science	2019	63	5 Years
Basic and Applied Research in Biophysics and Material Sciences: Characterization of the epigenetic signatures in chemo/radio resistant tumors	Chandrima Das	DAE	Government	Life Science	2019	45	5 Years
Basic and Applied Research in Biophysics and Material Sciences: Engineering novel synthetic genetic logic circuits and genetic systems in living E. coli and its application in invading and delivering RNAis into cancer cells.	Sangram Bagh	DAE	Government	Life Science	2019	60	5 Years
Basic and Applied Research in Biophysics and Material Sciences: Characterization of changes in sub-cellular, cellular and systemic metabolome in response to redox and nutritional stress in cancer	Soumen Kanti Manna	DAE	Government	Life Science	2019	43	5 Years
Basic and Applied Research in Biophysics and Material Sciences: Macromolecuar interactions for therapeutic interventions	Subhabrata Majumdar	DAE	Government	Life Science	2019	13	5 Years
Factorization of p-adic L-functions	Prof Aprameyo Pal	SERB	Government	Mathematical Sciences	2023	1,37	2 years
Stochastic thermodynamics of active particles and fields	Dr. Debashis Choudhuri	Science and Engineering Research Board	Government	Physical Sciences	2020	1.8	3 years
Raja Raman Fellowship (RRF) Track-I	Dr. Binaya Kumar Panigrahi	Department of Atomic Energy	Government	Physical Sciences	2021	13.5	3 years
Exploring Multiferroicity in Hollandite Type Mn- based Oxide Materials through Experimental and Theoretical Studies	Dr. Saptrshi Mandal	Science and Engineering Research Board	Government	Physical Sciences	2022	0.48	3 years
Quantum Information Technologies with Photonic Devices of Interdisciplinary Cyber Physical Systems (ICPS) Programme	Prof. Pankaj Agrawal	Department of Science and Technology	Government	Physical Sciences	2019	4.42	3 years
Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle	Dr. Dinesh Topwal	UGC-DAE Consortium for Scientific Research	Government	Physical Sciences	2022	0.57	1 year
Inspire Faculty Fellowship grant	Mr. Somnath Koley	Department of Science and Technology	Government	Physical Sciençes	2022	22	5 years
Inspire Faculty Fellowship grant	Dr. Aparajita Mandal	Department of Science and Technology	Government	Physical Sciences	2020	22.36	5 years
Mobility Fellowship	Dr. Kuntala Bhattacharjee	Department of Science and Technology	Government	Physical Sciences	2019	23	4 years

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Indigenous Development and Manufacturing of Seamless Tubes of ASTM B983 (ASME Code case: 2702) for High Temperature/Pressure Applications (ASTM project)	Dr. Diptimayee Samantaray, Dr.Anish Kumar	Office of the Principal Scientific Adviser to the Government of India	Government	Engineering Sciences	2020	1950	3 years
Augmentation of sodium loop and hydraulic loops for conducting experiments	Dr.B.K.Sreedhar, Mr.V.Vinod Mr.Indranil Banerjee Mr.S. Krishnakumar Mr.R. Punniyamoorthy Mr.Satishkumar S Mr.Piyush Kumar Aggarwal Mr.Gautam Kumar Pandey	DAE	Government	Engineering Sciences	2019	465	4 Years 4 Months
Component & facility development for testing of fast reactor systems	Dr.B.K.Sreedhar,Mr.Piyush Kumar Aggarwal, ,Mr. G. Vijayakumar, Mr.Y. V. Nagaraja Bhat , Mr.S. P. Pathak, Mr.Nirmal Kumar, Mr.A. Sudarsana Rao Mr. Sarat Kumar Dash	DAE	Government	Engineering Sciences	2019	472.25	4 Years 4 Months
R&D on Severe Accident and Sodium Safety	Dr. D. Ponraju, Mr.Sanjay Kumar Das	DAE	Government	Chemical Sciences	2019	362.5	4 Years 4 Months
Development of Improved Sodium Instrumentation and Revamping of I&C system of Experimental Facilities	Dr. B. Babu, Ms.Sylvia J.I, Mr. Vijayakumar G,	DAE	Government	Engineering Sciences	2019	736.5	4 Years 4 Months
Development of Devices for Remote Handling, Robotic Remote Tooling for Reactor Components and In-pile Experiments for FBRs	Mr. Joseph Winston, Mr. Joel Jose, Mr. Mahedara Prabhu, Mr. Tasleem	DAE	Government	Chemical Sciences	2019	263.75	4 Years 4 Months
R&D on pyroprocessing, properties of metal fuel and development of lab scale aqueous reprocessing	Dr. N. Sivaraman , Mr.Suddhasattwa Ghosh	DAE	Government	Chemical Sciences	2019	847.5	4 Years 4 Months
Fabrication of sodium bonded metal fuel SA for FBTR and augmentation of radiological facilities	Dr. V. Jayaraman, Mr.T.V. Prabhu,	DAE	Government	Chemical Sciences	2019	927.5	4 Years 4 Months
Radiation damage studies on advanced nuclear materials using high energy accelerators	Dr. R. Govindaraj, Dr. Christopher David, Dr. R Rajaraman, Dr. B Sundaravel, Dr. S Amirthapandian, Dr. Sharat Chandra, Dr. S Abhaya, Dr. Anees P,	DAE	Government	Chemical Sciences	2020	866.67	4 Years 6 Months

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Development of diamond/thin film hard coatings and their surface and interface investigations	Dr. Sandip Kumar Dhara, Dr. R Ramaseshan, Dr. S Tripura Sundari, Dr. Arun K Prasad, Dr. K Ganesan, Dr. Ramanathaswamy Pandian,	DAE	Government	Physical Sciences	2020	444.44	4 Years 6 Months
Investigation of hard and functional materials under extreme conditions	Dr. Awadhesh Mani, Dr. T R Ravindran, Dr. Nithya Ravindran, Dr. S Ganesamoorthy, Dr. V Sivasubramanian, superannuated Dr. Edward Prabu Amaladass, Dr. T Sathyanarayana Annam, Dr. Vinod K	DAE	Government	Physical Sciences	2020	677.78	4 Years 6 Months
Testing and qualification of in-core, reactor structural and steam generator materials and their weld joints	Dr. R. Divakar, Dr. A. Nagesha	DAE	Government	Physical Sciences	2020	437.5	4 Years 2 Months
Assessment of irradiation behavior of FBR fuels and structural materials	Dr.V. Karthik, Mr.V. Anandarai	DAE	Government	Engineering Sciences	2020	668.75	4 Years 2 Months
Corrosion Control and Monitoring Technologies	Dr.S. Ningshen , Dr. A. Ravi Shankar	DAE	Government	Chemical Sciences	2020	396.25	4 Years 2 Months
NDE technologies for inspection and structural integrity assessment	Dr. S. Mahadevan , Mr.K.V. Rajkumar	DAE	Government	Chemical Sciences	2020	350	4 Years 2 Months
Investigation of high temperature phase stability, Microstructure development and Characterization of Thermophysical Properties of Indigenous FBR materials	Dr. C. Sudha, Mr. Akash Singh	DAE	Government	Engineering Sciences	2020	200	4 Years 2 Months
Augmentation of Calibration, radiometric, ionizing and non-ionizing radiation facilities	Dr.B. Venkataraman ,Ms. M.Menaka, Dr. Kothai Parthasaraty, Dr. B. Arun, Mr. S. Viswanatham, Dr. Pew Basu, Ms. D.N. Sangeetha, Ms.Athira Warrier	DAE	Government	Physical Sciences	2020	676.67	3 Years
Enhancement of radiological surveillance, environmental monitoring and radiological impact assessment studies	Mr.V. Subramanian ,Mr. C.V. Srinivas	DAE	Government	Physical Sciences	2020	460	3 Years
QA and QC services to all facilities of IGCAR, FRFCF and other DAE units	Mr.G. Ramesh ,Mr. M.V.	DAE	Government	Chemical Sciences	2020	133.33	3 Years
Upgradation of mandatory radiological dosimetry (TLD, Invivo, invitro and biodosimetry) services	Dr.O. Annalakshmi, Mr. Mathiyarasu	DAE	Government	Physical Sciences	2020	180	3 Years
Enhancement of infrastructure towards mandatory HP surveillance, assay, occupational health, Industrial & Fire Safety services	Dr. S. Chandrasekaran, Mr.Shiva Sai Prasad Gogu	DAE	Government	Chemical Sciences	2020	166.67	3 Years
Evaluation of Low Cycle Fatigue (LCF) and Creep-Fatigue Interaction (CFI) properties of Indigenous Alloy 617M	Dr.A. Nagesha	BRNS	Government	Engineering Sciences	2023	14.72	3 Years

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Development of real time fiber coupled luminescence dosimetry system for radiation detection applications	Dr.O. Annalakshmi , Mr. R. Ramar	BRNS	Government	Physical Sciences	2022	10.24	2 years
Development of novel efficient $La_{(1-x)}Sr_xMn_{(1-y)}B_y$ $O_{3-\delta}$ (B= Mg, Co) one dimensional perovskite cathode material for low temperature solid oxide fuel cell	Dr. HRUDANANDA JENA	DAE	Government	Chemical Sciences	2023	6,44	3 years
Investigations on Synthesis and Coordination Behaviour of Phosphine Oxides and their Foam Materials for the Separation of Lanthanides and Actinides in the backend of the fuel cycle	Dr C V S Brahmananda Rao	BRNS	Government	Engineering Sciences	1905	10.67	3 years
Development of Functionalized Polymer Monoliths for Fast Separations and Assay of Lanthanides in Uranium and Plutonium Matrix towards Burn-up Measurements on Fast Reactor Fuels		BRNS	Government	Engineering Sciences	1905	8.67	3 yaers
Design and fabrication of composite hellow fiber membranes using organic cage linked coordination polymers and waste plastic for olefin-paraffin separation	Dr. Bishnu Prasad Biswal	SERB	Government	Chemical Sciences	2022	15.66	2 Years
Ramanujam Fellowship	Dr. Mriganka Mouli Mondal	SERB	Government	Physical Sciences	2022	23.8	5 years
Secattering Amplitudes and Flat Space Holography	Dr. Shamik Banerjee	SERB	Government	Physical Sciences	2022	12,9	5 years
Aberrant interaction of two pore domain leak potassium channels with Amyloid B in modulating neuronal hyperactivity in aizheimer's Disease	Dr. Swagata Ghatak	SERB	Government	Life Science	2022	14.63	2 years
Microcavity enhanced terahertz nonlinearities of topological states: Towards ultrafast spintronics	Dr. Shovon Pal	SERB	Government	Physical Sciences	2022	9.71	2 years
Teachers Associateship for Research Excellence (TARE)	Dr. Pratap Kumar Chhotaray under the mentorship of Dr. Molay Sarkar	SERB	Government	Chemical Sciences	2022	3.35	3.years
Vibrational Signatures of Chirality, Chiral Recognition and Chirality Transfer through novel Nonvoyalent Interactions	Dr. Himansu Sekhar Biswal	SERB	Government	Chemical Sciences	2022	12.32	3 years
Unravelling the Atmospheres of Far Away World with Adaptable Planetary Atmoshere Model	Dr. Jayesh M Goyal	SERB	Government	Physical Sciences	2022	15.25	2 years
Graphical indices associated with different central parts of connected graphs	Dr. Kamal Lochan Patra	SERB	Government	Mathematical Sciences	2023	2.2	3 years
Graph Clustering: A Theoretical Perspective	Dr. Aritra Banik	SERB	Government	Mathematical Sciences	2023	2.2	3 years
Novel Recursive Green's function technique in the Fock space & Applications	Dr. Anamitra Mukherjee	SERB	Government	Physical Sciences	2023	2.2	3 years
National Post Doctoral fellowship	Dr. R Arunachalam under the mentorship of Dr. Chidambaram Gunanathan	SERB	Government	Chemical Sciences	2023	10.66	2 years
National Post Doctoral fellowship	Dr. Debkumar Giri (NPDF) under the mentorship of Dr. Raesh Manna	SERB	Government	Mathematical Sciences	2023	10.66	2 years
Can gut microbes influence host sexual selection and speciation: a study using agricultural pest Tribolium castaneum	Dr. Rittik Deb	SERB	Government	Life Science	2023	10.29	2 years
Analytical and numerical analysis of landslide slope stability under non-linear prescriptions of frictional strength	Dr. Pathikrit Bhattacharya	SERB	Government	Physical Sciences	2023	2.2	3 years
Linear codes of the symplectic geometry over finite flelds of even characteristic	Dr. Binod Kumar Sahoo	SERB	Government	Mathematical Sciences	2023	9.12	3 years

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PDF	Prof. Sankar De	I-HUB QTF	Government	Physical sciences	2022	6.3 प्रो. पी. सी. सेल्वि	Prof. P. C. Sel
The Indian National Science Academy (INSA) Senior Scientist Programme Chanakya PDF I-HUB Quantum Technology Foundation (I-HUB QTF) - Chanakya	Prof. Milan Kr. Sanyal	INSA	Government	Physical sciences	2021	3.06	3 years
The Indian National Science Academy (INSA) Senior Scientist Programme	Prof. Bikas K. Chakrabarti	INSA	Government	Physical sciences	2020	4.6	3 years
he Indian National Science Academy (INSA) Senior Scientist Programme	Prof. Naba Kumar Mondal	INSA	Government	Physical sciences	2019	4.08	3 years
Raja Ramanna Fellowship - RRF	Prof. Satyajit Saha	DAE	Government	Physical sciences	2019	13.39	3 years
India Alliance-DBT Welcome - India Alliance-DBT Welcome	Prof. Subhabrata Majumder	DBT	Government	Physical sciences	2020	13.25	5 years
ndia Alliance-DBT Welcome - India Alliance-DBT Welcome	Prof. H. Raghuraman	DBT	Government	Physical sciences	2018	48.59	5 years
Ramalingaswami Re-entry Fellowship - RLF	Prof. Subhendu Roy	DBT	Government	Physical sciences	2019	3,47	5 years
National Bioscience Award, NWBA - BT-HRD-NWBA	Prof. Oishee Chakrabarti	DBT	Government	Physical sciences	2019	1.97	5 years
Medical Biotechnology - BT-MED	Prof. Chandrima Das	DBT	Government	Physical sciences	2019	13.4	3 years
National Bioscience Award for Career Development (NBACD) - BT-NBACD	Prof. Chandrima Das	DBT	Government	Physical sciences	2020	4	3 years
National Post Doctoral Fellowship (N-PDF) - NPDF	Dr. Apoorva Bhattacharya	DST-SERB	Government	Physical sciences	2022	5.14	2 years
Teachers associateship for research excellence (TARE) - TARE .	Dr. Anwesa Sarkar	DST-SERB	Government	Physical sciences	2019	1.12	3 years
Teachers associateship for research excellence (TARE) - TARE	Dr. Sudip Mukherjee	DST-SERB	Government	Physical sciences	2022	1.12	3 years
Start-up Research Grant (SRG) - SRG	Prof. Subhabrata Majumder	DST-SERB	Government	Physical sciences	2021	8.76	2 years
Core Research Grant (Individual Centric) - CRG	Prof. Oishee Chakrabarti	DST-SERB	Government	Physical sciences	2022	9.25	3 year
Core Research Grant (Individual Centric) - CRG	Prof. Debasish Mukhopadhyay		Government	Physical sciences	2022	7.98	3 year
Start-up Research Grant (SRG) - SRG	Dr. Debasish Banerjee	DST-SERB	Government	Physical sciences	2022	4.78	2 year
Core Research Grant (Individual Centric) - CRG	Prof. A. N. Sekar Iyengar	DST-SERB	Government	Physical sciences	2021	3.46	3 year
Start-up Research Grant (SRG) - SRG	Prof. Arunava Mukherjee	DST-SERB	Government	Physical sciences	2020	5.95	2 years
Core Research Grant (Individual Centric) - CRG	Prof. Abhik Basu	DST-SERB	Government	Physical sciences	2022	0.6	3 year
Mathematical Research Impact Centric Support (MATRICS) - MTR	Prof. Abhik Basu	DST-SERB	Government	Physical sciences	2020	1.47	3 year
Core Research Grant (Individual Centric) - CRG	Prof. Padmaja Prasad Mishra	DST-SERB	Government	Physical sciences	2020	12.86	3 years
Swarnajayanti Fellowships Scheme - SJF	Prof. Chandrima Das	DST-SERB	Government	Physical sciences	2019	36.99	5 years
Quantum walk of multi-component bosons and its application to study many-body ocalization	Dr. Tapan Mishra	SERB	Government	Physical Sciences	2023	12.88	3 year
Hard probes of QGP at heavy ion collision experiments	Dr. Lusaka Bhattacharya	DST	Government	Physical Sciences	2023	8.53	3 year
Interaction-induced symmetry-protected topological phase transition	Dr.Tapan Mishra	SERB	Government	Physical Sciences	2023	2.2	3 year
DST CPR on Disaster Management, Energy Transition, and Tribal Education	Dr. Amarendra Das	DST	Government	Applied Systems Analys	2023	28.24	l years
Predictive Irrigation Recommendations (TIH-IoT Chanakya Felloship Program 2022-23)	Dr. Subhankar Mishra	TIH Technology Foundation I- HUB	Government	Mathematical Sciences	2023	7,5	10 months
Spin wave dispersions and nanoscale imging of magnons using Brillouin light scatering spectro-microscopy	Dr. Subhankar Bedanta	SERB	Government	Physical Sciences	2023	2.43	3 years
Lunar Mantle exposed or missed in South Pole Aitken basin-Insights from Chandrayaan-2 IIRS	Dr. Guneshwar Thangjam	Department of Space	Government	Physical Sciences	2023	8.01	3 years
INSPIRE Faculty Fellowship	Dr. Mithun Kumar Das	DST	Government	Mathematical Sciences	2023	22	1 year
Stabilization of non-trivial magnetic skyrmions from trivial bubbles by helicity locking in Centrosymmetric magnets	Dr. Ajaya Kumar Nayak	SERB	Government	Physical Sciences	2023	15,04	3 year
National Post Doctoral fellowship	Dr. Jayaseelan Dhakshinamoorthy (NPDF) under the mentorship of Dr. Ajaya Kumar Nayak	SERB	Government	Physical Sciences	2023	10.66	2 year

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Centre for Millimeterwave Semiconductor Devices & Systems – Contract for Acquisition of Research Services - CMSDS-CARS	Prof. Mrinmay Kumar Mukhop	DRDO	Government	Physical sciences	2023	1.5	3 years
Pattern of care and survival studies- cervix cancer	Dr. Amita Maheshwari	NCRP, ICMR	Government	Medical & Health Science	2006	0.36	19 Үеаг
Pattern of care and survival studies Breast cancer	Dr. Rajesh Dikshit	NCRP, ICMR	Government	Medical & Health Science	2006	0.36	19 Year
Pattern of care and survival studies Head and Neck cancer	Dr. Rajesh Dikshit	NCRP, ICMR	Government	Medical & Health Science	2006	0.36	19 Year
A randomized trial of concurrent versus sequential Tamoxifen with radiotherapy to assess the extent of pulmonary fibrosis and disease related control and survival in breast cancer patients	Dr. Ashwini Budrukkar	ICMR	Government	Medical & Health Science	2007	0,66	15 Years 9 Months 2 Days
Phase II randomized trial comparing neoadjuvant chemotherapy and neoadjuvant chemoradiotherapy for locoregionally advanced oesophageal cancer (Dr. C. S. Pramesh	DAE	Government	Medical & Health Science	2010	0.87	12 Years 2 Months of Days
A Randomized Controlled Trial of Neoadjuvant Weekly Paclitaxel versus Weekly Paclitaxel Plus Weekly Carboplatin in Women with Triple Negative Breast Cancer	Dr. Rajendra Badwe	DAE	Government	Medical & Health Science	2009	4.67	14 Years
Randomized Controlled Trial Evaluating the Role of Exercise in Women Undergoing Treatment for Breast Cancer	Dr. Shalaka Joshi	DAE Capital budget	Government	Medical & Health Science	2010	5.33	15 Years
A randomized trial comparing intensity modulated external beam radiation alone vs intensity modulated radiation and brachytherapy for reduction in xerostomia in patients with early staged orophyarngeal cancers	Dr. Ashwini Budrukkar	DAE-CTC	Government	Medical & Health Science	2010	4.36	12 Years 8 Months 4
Effect of COX-2 and EGFR suppression on markers of angiogenesis and proliferation in squamous cell carcinoma of oral cavity a prospective randomized study.	Dr. Sudhir Vasudevan Nair	SERB	Government	Medical & Health Science	2011	3.12	13 Years
Randomized controlled trial to assess blockade of voltage gated sodium channels during surgery in operable breast cancer	Dr. Rajendra Badwe	DAE	Government	Medical & Health Science	2011	5.62	13 Years
Prospective Phase III randomized trial of prostate only or whole pelvic radiotherapy in high risk prostate cancer (POP-RT trial)	Dr. Vedang Murthy	DAE	Government	Medical & Health Science	2011	1.66	12 Years
Phase III non-inferiority randomized trial comparing three-weekly Cisplatin versus weekly Cisplatin in combination with radiation therapy in patients with advanced carcinoma of the head and neck	Dr. Vanita Noronha	DAE	Government	Medical & Health Science	2012	3.53	13 Years
A Phase III Double Blind Randomized Placebo Controlled study of Trastuzumab as Short Duration Preoperative Therapy in patients with HER2-neu Positive Operable Breast Cancer	Dr. Rajendra Badwe	DAE	Government	Medical & Health Science	2012	4.39	12 Years
Randomised controlled trial assessing addition of neoadjuvant and maintenance oral metronomic chemotherapy to standard surgery and adjuvant therapy in Stage III/IV Operable Oral cancers	Dr. Prathamesh Pai	DAE	Government	Medical & Health Science	2012	7.25	11 Years
Phase II Randomised Controlled Trial Of Postoperative Intensity Modulated Radiotherapy (IMRT) in Locally Advanced Thyroid Cancers	Dr. Gouri Pantvaidya	DAE	Government	Medical & Health Science	2012	1.58	14 Years
Demographic profile of lung cancer and its treatment in India	Dr. C. S. Pramesh	DAE	Government	Medical & Health Scient	2012	0.27	11 Years

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Comparative study for efficacy and safety of Paclitaxel with Cisplatin/Carboplatin versus 5-Fluorouracil with Cisplatin/Carboplatin in resectable carcinoma esophagus or gastroesophageal junction carcinoma	Dr. Kumar Prabhash	DAE	Government	Medical & Health Scienc	2013	0.36	10 Years 10 Month
Prospective Screening log for patients with recurrent or second primary Head and Neck Cancers referred for re-Radiotherapy.	Dr. Sarbani Ghosh Laskar	DAE	Government	Medical & Health Science	2014	0,61	10 Year
Ophthalmic Outcomes After Treatmernt of Paranasal sinus Tumors	Dr. Shiva Kumar Thiagarajan	DAE	Government	Medical & Health Scienc	2013	0.04	8 Years 3 Months 22 Days
Pilot study to assess the presence of hypoxia related biomarkers in patients with oral cancer	Dr. Gouri Pantvaidya	DAE	Government	Medical & Health Scienc	2014	5.98	9 Years
Role of electrochemotherapy for head and neck and breast cancers in a palliative setting	Dr. Shiva Kumar Thiagarajan	TMC-Corporate Research fund	Government	Medical & Health Science	2015	0.29	7 Years 7 Months 20 Days
Peripheral TCell Lymphoma: Impact of Immunophenotypic subsets, cytogenetic abnormalities, microenvironment and PI3K/NFKB on behavior	Dr. Tanuja Shet	DEPARTMENT OF BIOTECHNOLO GY	Government	Medical & Health Scienc	2017	22.66	6 Years
A prospective study to evaluate the feasibility of hippocampal sparing intensity modulated radiotherapy in preserving neurocognitive functions in adult patients with pituitary adenoma.	Dr. Jayant Goda	DAE	Government	Medical & Health Science	2016	0.64	7 Years
Adjuvant Radiotherapy in Early Stage Oral Cancers (AREST) -a prospective randomized control trial	Dr. Sudhir Vasudevan Nair	National Cancer Grid	Government	Medical & Health Science	2016	59.77	7 Years
Quality Assurance (QA) Program for Molecular Diagnostic testing in Solid Fumors	Dr. Omshree Shetty	NATIONAL CANCER GRID	Government	Medical & Health Science	2017	18.51	6 Years
A phase II trial to study efficacy, toxicity and immunomodulatory effect of Carctol- in high grade serous epithelial ovarian cancer at first serological relapse	Dr. Amita Maheshwari	MINISTRY OF AYUSH,CCRAS ,GOVT OF INDIA	Government	Medical & Health Scienc	2018	16.4	6 Years
A Double Blinded Phase III Randomized Placebo Controlled Trial to Evaluate the Efficacy of Tranexamic Acid to Reduce Operative Blood Loss in Bone Tumor Patients	Dr. Ashish Gulia	DST	Government	Medical & Health Science	2018	1.81	5 Years 6 Months
Prospective study to identify biomarkers of chemoresistance to neoadjuvant chemotherapy and discover targetable pathways in triple-negative breast cancer.	Dr. Sudeep Gupta	DST	Government	Medical & Health Science	2018	7,14	6 Years
Esophagectomy Complications Platform and Quality Measures: What is the Contemporary Incidence of Complications at High Volume Esophagectomy Centers?	Dr. C. S. Pramesh	DAE	Government	Medical & Health Science	2018	2.36	To Years

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Acupuncture as a modality of treatment for Chemotherapy-Induced Peripheral Neuropathy in Breast Cancer-A Phase 3 Randomized Controlled Trial (ABC-CIPN).	Dr. Jyoti Bajpai	DAE	Government	Medical & Health Scienc	2018	0.79	6 Years
Prevalence and predictors of malnutrition and its impact on quality of life and prognosis in patients with hepato-biliary tumors - a prospective study	Dr. Prachi Patil	DAE	Government	Medical & Health Science	2018	3.46	6 Years
Prevalence and predictors of malnutrition and its impact on quality of life and prognosis in patients with pancreatic tumours - a prospective study	Dr. Prachi Patil	DAE	Government	Medical & Health Science	2018	4.86	6 Years
Establishment of national gall bladder cancer registry	Dr. Mahesh Goel	National Cancer Grid	Government	Medical & Health Scienc	2018	3.13	6 Years
An integrated network analysis to identify genomic alteration profiles of human periampullary cancer	Dr. Shailesh Shrikhande	Department of Biotechnology, Government of India	Government	Medical & Health Science	2018	4.04	6 Years
A Double Blind Randomized Controlled Trial of Renal Protective Effects of Normal Saline Plus Placebo Versus Normal Saline Plus Mannitol Prior to Cisplatin Containing Chemotherapy Regimens in Osteosarcoma and other Solid Tumors.	Dr. Jyoti Bajpai	DAE	Government	Medical & Health Science	2018	5,74	6 Years
Prevalence of Gallstone diseases in the regions with the high and low incidence of gallbladder cancer: current status and future perspective for gallbladder cancer prevention	Dr. Sharayu Mhatre	DAE	Government	Medical & Health Science	2018	13.96	5 Years
Machine learning and Artificial Intelligence Database (MAD) And Tumor Radiomics Atlas Project (TRAP) for Cancer: Imaging Biobank	Dr. Nitin Shetty	DBT	Government	Medical & Health Science	2019	173.37	5 Years
Deep Learning neural network based radiogenomics in predicting clinicopathological outcomes in non-small cell lung cancer	Dr. Rajiv Kumar	BIRAC- PREDIBLE HEALTH	Government	Medical & Health Science	2018	1.12	6 Years
Genome-Wide Association Study to Identify Role of Genetic Susceptibility in Buccal Mucosa Cancer.	Dr. Sharayu Mhatre	ICMR	Government	Medical & Health Science	2018	59.56	5 Years
A phase III randomised trial of metronomic maintenance with oral methotrexate and propranolol versus observation after chemotherapy in relapsed platinum sensitive high grade epithelial ovarian cancer.	Dr. Jaya Ghosh	ICMR	Government	Medical & Health Science	2019	27.32	5 Years
Fumor Suppressors and Oncogenes: From Endometrial Cancer Cell Lines to Endometrial Cancer Tissues	Dr. Bharat Rekhi	Indian Council of Medical Research	Government	Medical & Health Scienc	2019	1.25	4 Years 4 Months
A Phase III Randomized Controlled Trial of Hyperthermic or Normothermic intraperitoneal Chemotherapy versus No Intraperitoneal Chemotherapy during interval Debulking Surgery in Patients with Advanced Epithelial Ovarian Cancer - HIPEC or NIPEC versus None: (ROHINI-N)	Dr. Amita Maheshwari	TMC-DAE	Government	Medical & Health Scienc	2019	42.23	6 Years

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Development and Validation of an Electronic Surveillance System for Surgical Site Infections Developing During Hospital Stay and After Discharge: A Multi-Centric Study		ICMR	Government	Medical & Health Scienc	2018	5.04	5 Year
In Vitro and In Vivo Functions of Cell Surface Estrogen Receptors (csERs) in the Context of Prostate Cancer.	Dr. Mahendra Pal	DAE-BRNS	Government	Medical & Health Science	2019	8.09	4 Year
A Prospective Observational Study of longitudinal assessment of neurocognitive function in patients with 1-4 brain metastases of NSCLC treated with Cranial Irradiation	Dr. Anil Tibdewal	DAECTC	Government	Medical & Health Science	2019	2.01	7 Year
The effect of resveratrol and copper on mortality in patients with hematological malignancies presenting with febrile neutropenia and sepsis or septic shock admitted to intensive care unit. A pilot study	Dr. Amol Kothekar	Indian Council of Medical Research	Government	Medical & Health Science	2020	1,9	4 Year
Patient perception of 'meaningful benefit' from palliative chemotherapy in metastatic lung cancer - A survey	Dr. C. S. Pramesh	TMC-DAE	Government	Medical & Health Science	2020	0.48	4 Years 6 Month
Phase 1 study of safety and feasibility of Ayurvedic oral cannabis preparation in the peri-operative period in oral cavity squamous cell cancer	Dr. Shiva Kumar Thiagarajan	TMC-DAE	Government	Medical & Health Science	2020	28.85	3 Year
Growth, Endocrine And Reproductive Late Effects In Long-Term Survivors Of Childhood Cancers: A Prospective Observational Study	Dr. Maya Prasad	DAECTC	Government	Medical & Health Science	2020	5.32	5 Year
A randomized controlled trial to evaluate adding a brief psychosocial group intervention to usual care on the initial distress of parents of newly diagnosed children with hematolymphoid cancers	Dr. Jayita Deodhar	DAECTC	Government	Medical & Health Science	2020	8.42	4 Year
Assessment of Surgical margins in BCS using Intraoperative imaging Techniques (ASSIST)	Dr. Bhavika Kothari	TMC-DAE	Government	Medical & Health Science	2020	1.35	4 Year
A randomized controlled trial to Assess the incidence of lymphedema in women with breast cancer undergoing Sentinel lymph node biopsy or Low axillary sampling. (AiSLe)	Dr. Bhavika Kothari	TMC-DAE	Government	Medical & Health Science	2020	2.48	4 Year
Role of water pollution in development of esophageal cancer: a case-control stratified by high and low risk regions.	Dr. Rajesh Dikshit	Department of Health Research	Government	Medical & Health Science	2020	21.93	3 Year
Evaluation of the role of the immune cell profile in the persistence of minimal residual disease and dynamics of the relapse in childhood T-cell lymphoblastic eukemia: a prospective observational study.	Dr. Prashant Tembhare	ICMR	Government	Medical & Health Science	2020	11.64	4 Year

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Assessment of Prakriti (Ayurvedic body constitution) of patients with Cervical and Ovarian cancers	Dr. Amita Maheshwari	Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH, Govt. of India, New Delhi	Government	Medical & Health Scienc	2021	5.21	1 Years 6 Months
Development of a Multi-omics based Neoantigen Discovery Platform to generate Personalized Vaccines for Gliomas	Dr. Sridhar Epari	ICMR	Government	Medical & Health Science	2020	9.07	3 Years
Treating children with relapsed ALL with mitoxantrone based protocol- A prospective observational study	Dr. Nirmalya Moulik	DAECTC	Government	Medical & Health Science	2020	3.12	5 Years
Intra-operative gross examination versus frozen section for achievement of adequate margin in patients undergoing surgery for oral cavity squamous cell carcinoma. A randomized controlled trial.	Dr. Pankaj Chaturvedi	DAECTC	Government	Medical & Health Science	2021	20,97	5 Years
Integration of Extended Immune Monitoring (ExImM) and clinical parameters for early prediction of disease trajectory/progression, treatment planning and prophylaxis to improve COVID-19 prognosis: Immunoprofiling Consortium by Indian Council of Medical Research (ICMR)	Dr. Prashant Tembhare	Indian Council of Medical Research (ICMR)	Government	Medical & Health Science	2020	39.08	2 Years 6 Months
Radionuclide therapy with 177Lu-PSMA plus Abiraterone (with ADT) versus Abiraterone (with ADT) alone in metastatic, hormone-sensitive prostate cancer: a randomized phase 2 trial - REPLASE	Dr. Archi Agrawal	DAECTC	Government	Medical & Health Science	2020	34.95	4 Years
Efficacy of Supportive Expressive Group Therapy (SEGT) in Psychological and Spiritual Wellbeing, Body Image and Quality of Life in Young Adult Survivors of Childhood Cancer (YASCC)	Mrs. Savita Goswami	DAECTC	Government	Medical & Health Science	2021	2.59	3 Years
Clinicopathological features of Cervical adenocarcinomas: A study for a tertiary cancer referral center from 2010-2015.	Dr. Bharat Rekhi	INTRAMURAL FUNDING	Government	Medical & Health Science	2021	1.3	2 Years
Targeting perioperative period in Osteosarcoma by use of Propranolol and Celecoxib with Receptor activator of nuclear factor kappa-B ligand (RANKL) blockade - A phase II randomized controlled study	Dr. Jyoti Bajpai	DAECTC	Government	Medical & Health Science	2022	7.52	4 Years 6 Months
A multicenter observational study of candidaemia cases with special reference to Candida auris candidaemia among ICU patients in India	Dr. Sanjay Biswas	ICMR	Government	Medical & Health Science	2022	0.66	2 Years 6 Months
Retrospective Evaluation of Immunohistochemical 'Histone modifying' epigenetic underpinnings of Breast carcinomas	Dr. Tanuja Shet	DAECTC	Government	Medical & Health Science	2022	6.87	2 Years
Effect of Terlipressin in Patients Undergoing Major Hepatectomies for Liver Cancers: A Prospective Randomized Controlled Phase-III Trial (TerliHep Trial)	Dr. Sohan Solanki	TF (Terry Fox)	Government	Medical & Health Science	2021	6.42	4 Years
Development and comparison of different training methods for gynecological brachytherapy skills development: A skills and training methodology development and assessment initiative.	Dr. Supriya Chopra	DST	Government	Medical & Health Science	2021	61.6	5 Years
An open label, phase 3 randomized trial to evaluate the role of axillary conservation surgery in breast cancer patients post-neoadjuvant chemotherapy. Short title- Post-chemotherapy Axillary Conservation Surgery (PACS)	Dr. Shalaka Joshi	TMC-DAE	Government	Medical & Health Science	2022	35.67	13 Years

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A single-arm phase II study(DASLOW) to evaluate the ability to maintain molecular response with Reduced dose Dasatinib(70 mg once daily) in patients with De-Novo Philadelphia positive Acute Lymphoblastic Leukemia (Ph+ ALL) after achieving deep molecular response during the intensive phase of treatment	Dr. Hasmukh Jain	TMC-DAE	Government	Medical & Health Science	2022	7.95	5 Years
Circular stapled end colostomy creation - A safety and feasibility study	Dr. Avanish Saklani	TMC-DAE	Government	Medical & Health Science	2022	2.38	2 Years
A phase III randomized study of first line maintenance Hormonal therapy versus observation in patients with estrogen or progesterone receptor positive High grade epithelial Ovarian cancer after completion of primary treatment with surgery and platinum based chemotherapy(H20 study)	Dr. Jaya Ghosh	TMC-DAE	Government	Medical & Health Science	2022	51.47	3 Years
Correlation of O6 -Methyl(Alkyl) Guanine-DNA Methyl(Alkyl) Transferase (MGMT/AGAT) Gene Polymorphisms with Hematological Toxicity of Temozolomide in Adult Diffuse Glioma (MAGENTA) - A Case-Control study	Dr. Tejpal Gupta	DAECTC	Government	Medical & Health Science	2022	2.65	2 Years
To establish a ready network of clinical trial units across the National Cancer Grid to promote multi-centric collaborative research in the field of drug and device development.	Dr. Rajendra Badwe	Biotechnology Industry Research Assistance Council (BIRAC)	Government	Medical & Health Science	2022	116.45	3 Years
Lesion detection and dosimetry study with 68Ga PSMA and 177Lu PSMA in metastatic clear cell renal cell carcinoma	Dr. Venkatesh Rangarajan	TMC-DAE	Government	Medical & Health Science	2022	1.6	2 Years
An open labelled randomized controlled experimental study to assess the efficacy of honey on mitigating risk of chemotherapy-induced febrile neutropenia (HOMIFEN) in patients of head and neck cancer at tertiary care centre	Mrs. Prathepa Jagdish	DAECTC	Government	Medical & Health Science	2022	0.3	1 Years 3 Months
Diagnostic performance of sentinel lymphnode mapping algorithm in early stage endometrial cancer.	Dr. Amita Maheshwari	TMC-DAE	Government	Medical & Health Science	2022	2.45	1 Years 6 Months
Dexamethasone along with Physical Activity vs routine care in Cancer Related Fatigue in patients with advanced malignancy-A Randomized controlled Phase III Study	Dr. Vanita Noronha	DAECTC	Government	Medical & Health Science	2022	4.64	2 Years
Detection of carbapenemase enzymes in Escherichia coli and Klebsiella pneumoniae from blood culture isolates by phenotypic method (mCIM-PLUS) and confirmation by molecular method (RT-PCR) in cancer patients at a tertiary care pospital	Dr. Sanjay Biswas	DAECTC	Government	Medical & Health Science	2022	2.9	6 Months
Burkitt-like lymphoma with 11q aberration - study on incidence and behaviour in Indian patients	Dr. Tanuja Shet	TMC-DAE	Government	Medical & Health Science	2022	23,9	2 Years
Depression, Anxiety and Stress in Caregivers of Advanced Cancer Patients during	Dr. Jayita Deodhar	DAECTC	Government	Medical & Health Science	2022	0.1	9 Months
Clinicopathological spectrum of ovarian sex cord stromal tumors and role of FOXL2 in adult granulosa cell tumors of ovary.	Dr. Pabashi Poddar	TMC-DAE	Government	Medical & Health Science	2022	8.26	2 Years
	Dr. Bharat Rekhi	TMC-DAE	Government	Medical & Health Science	2022	2.94	2 Years
Effectiveness of integrated demonstration program on knowledge and competency skills on IV Cannulation therapy in terms of prevention of Chemotherapy related intravenous complications among the Nursing Staff from selected hospital.	Mrs. Prathepa Jagdish	DAECTC	Government	Medical & Health Science	2022	0.25	11 Months

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Dosimetric and Feasibility study of Sparing of Tubarial Salivary Glands in Head and Neck Cancer patients treated with Definitive Radiotherapy, with or without Concurrent Chemotherapy	Dr. Ashwini Budrukkar	TMC-DAE	Government	Medical & Health Science	2022	2.31	2 Years
Change in symptom burden, anxiety and depression in patients with advanced cancer admitted in Respite Palliative Care Center: A Prospective observational study	Dr. Shamali Poojary	TMC-DAE	Government	Medical & Health Science	2023	0.03	1 Years 6 Months
Validation of Lung-specific Graded Prognostic Assessment Score in Brain Metastases - An ambispective validation study	Dr. Anil Tibdewal	TMC-DAE	Government	Medical & Health Science	2023	2,8	5 Years
Feasibility of Oto-acoustic Emission assessment in identification of early and significant ototoxic hearing loss in pediatric cancer patients receiving Cisplatin based chemotherapy	Mr. Jitesh Sahoo	TMC-DAE	Government	Medical & Health Science	2023	2.91	2 Years
R&D on Various options of Hydrogen Energy Production	A K TRIPATHI	DAE	Government	Chemical Sciences	2021	1666.67	3 years
Development of Freeze & ZLD Desalination Technologies and Advanced							
Membranes 4	ASIM KUMAR GHOSH	DAE	Government	Chemical Sciences	2021	466.67	3 years
R&D in Chemical sciences for Nuclear, Societal and Environmental Applications like Nuclear Safety such as core catcher materials & iodine chemistry, special biosensors, Security related materials and detector materials etc.	HASSAN P A	DAE	Government	Chemical Sciences	2020	3000	3 years
Isotopes and radiation technologies for industrial and societal applications	KUMAR ABHINAV DUBEY	, ACCOMPRISE OF	Government	Chemical Sciences	2021	1018,67	3 years
Development of Novel Glass and Ceramic Materials	MADHUMITA GOSWAMI	DAE	Government	Chemical Sciences	2021	733,33	3 years
R&D in Chemical sciences for Nuclear, Societal and Environmental Applications like Nuclear Safety such as core catcher materials & iodine chemistry, special biosensors, Security related materials and detector materials etc.	PATRA CHANDRA NATH	DAE	Government	Chemical Sciences	2020	3000	3 years
Developmet of system, instrumentation, detectors, & ASCIs for nuclear, medical, security, agriculture and mega science application.	S K JHA	DAE	Government	Chemical Sciences	2021	666.67	3 years
Digital Resources for R&D Support	SOUMYAKANTI ADHIKAR		Government	Chemical Sciences	2021	1403.33	3 years
Augmentation of facilities for Chemical quality control of Nuclear materials and	SOUMTAKANTI ADHIKAK	DAE	Government	Chemical Sciences	2021	1403.33	J years
radiochemical research.	SUPARNA SODAYE	DAE	Government	Chemical Sciences	2019	800	4.5 years
Isotopes and radiation technologies for industrial and societal applications	TIRUMALESH KEESARI	DAE	Government	Chemical Sciences	2021	1018.67	3 years
Irradiation Induced Transformations in Nuclear Materials.	ANIRUDDHA BISWAS	DAE	Government	Engineering Sciences	2022	666.67	3 years
Robotics Automation and remote handling technologies for nuclear and medical applications	D C KAR	DAE	Government	Engineering Sciences	2019	570	5 years
Structural and Thermal Hydraulic Safety Studies for Indian NPP'S	JAYANTA CHATTOPADHY	DAE	Government	Engineering Sciences	2020	2700	2 years
India's Participation in Jules Horowitz Reactor Cadarache, France	SAMIRAN SENGUPTA	DAE	Government	Engineering Sciences	2008	972.76	17 years
Processing of Materials and Control of Material Degradation for Nuclear Industry, Zr based, Ni based and Ti based alloys	SANJIB MAJUMDAR	DAE	Government	Engineering Sciences	2019	1316	4 years
Technology Demonstration of Advanced Chemical Processes and equipments for Nuclear Materials	SULEKHA MUKHOPADHYA	DAE	Government	Engineering Sciences	2021	1166.67	3 years
Research on cellular and molecular radiation biology for human health.	ANU GHOSH	DAE	Government	Life Sciences	2021	1161.67	3 years
Augmentation of facilities for enhanced processing of radioisotopes and			Government	Life Sciences		633,33	
development of new radiopharmaceuticals & allied products.	ARCHANA MUKHERJEE	DAE	Government	Life Sciences	2021	055,55	3 years
Setting up of a R&D Facilities at KRUSHAK,Lasalgaon for irradiation of fruits and vegetables	BHASKAR SANYAL	DAE	Government	Life Sciences	2021	235	3 years
Setting up of a R&D Facilities at KRUSHAK, Lasalgaon for irradiation of fruits and vegetables	BIBHUTI BHUSAN MISHRA	DAE	Government	Life Sciences	2021	235	3 years
Research in biological systems and their potential biotechnological applications in health and environment.	BIRIJA SANKAR PATRO	DAE	Government	Life Sciences	2021	899.67	3.years
Development of Products, Processes and Technologies for Sustainable Agriculture, including setting up of model Seed Village	J SOUFRAMANIEN	DAE	Government	Life Sciences	2021	1138.67 पी. सी. सेल्विन / F	Rlow 3 years

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Newer application of radiation technology for food security and value addition	R SHASHIDHAR	DAE	Government	Life Sciences	2019	337.5	4 years
Advance Research in Spectroscopy with Synchrotron Radiation, Lasers & R&D on			Government	Life Sciences		1500	
thin film multilayer devices	RAVINDRA D MAKDE	DAE		,	2022		3 years
Newer application of radiation technology for food security and value addition	SACHIN NANDKUMAR HAJ	DAE	Government	Life Sciences	2019	337.5	4 years
Research and Development on anti-cancer drugs, radiation biology and bio- management of waste water.	SANDUR SANTOSH KUMAR	DAE	Government	Life Sciences	2021	370	3 years
Indigenous Scalable Quantum Computing Technology	A K GUPTA	DAE	Government	Physical Sciences	2022	425	5 years
Physics of Materials	ALKA B GARG	DAE	Government	Physical Sciences	2013	700	10 years
Development of Materials, Devices, Analytical Instruments & NDT Techniques for physics Research.	ANIL KUMAR CHAUHAN	DAE	Government	Physical Sciences	2020	2500	3 years
Setting up of a Solar Powered Indian Network for Detection of Radon Anomaly for Seismic Alert (INDRA-SA)	B. K. SAPRA	DAE	Government	Physical Sciences	2019	588.89	4.5 years
Development of Syncrotron and Neutron beamlines, optical multilayer devices, liquid hydrogen test loop and Physics Research.	DINESH VENKATESH UDUF	DAE	Government	Physical Sciences	2019	1940	5 years
Development of Syncrotron and Neutron beamlines, optical multilayer devices, liquid hydrogen test loop and Physics Research.	HIMANSHU KUMAR POSWA	DAE	Government	Physical Sciences	2019	1940	5 years
Feasibility studies and Demonstration of laser application in medical isotopes	J PADMA NILAYA	DAE	Government	Physical Sciences	2022	833.33	3 years
Development of Schwarzchild couder Cherenkov Telescope and maintenance of existing facilities of ApSD	K K YADAV	DAE	Government	Physical Sciences	2021	520	5 years
Development of Neutron and Synchrotron Beamlines, Research on Energy Materials, and Investigations of Quantum Spin Phenomena"	MALA N RAO	DAE	Government	Physical Sciences	2021	1548.75	4 years
Augmentation & Upgradation of INDUS beamlines (PX/ECXRD/IR), high pressure, spectroscopic experimental facilities	NANDINI GARG	DAE	Government	Physical Sciences	2022	1166.67	3 years
Research & Development on surface modification using beams & plasma echnologies for nuclear & societal applications	RAJIB KAR	DAE	Government	Physical Sciences	2022	286.67	3 years
Upgrading of Environmental Survey laboratories at NPP and DAE Sites	S ANAND	DAE	Government	Physical Sciences	2019	1114.89	4.5 years
Development of Neutron and Synchrotron Beamlines, Research on Energy Materials, and Investigations of Quantum Spin Phenomena"	S M YUSUF	DAE	Government	Physical Sciences	2021	1548.75	4 years
Development of Schwarzchild couder Cherenkov Telescope and maintenance of existing facilities of ApSD	VIR KRISHEN DHAR	DAE	Government	Physical Sciences	2021	520	5 years
Diseased biological tissue detection using SERS method	Dr. Mukesh Ranjan	DAE	Government	Physical Science	2018	14.5	3 years
Pesticide detection using SERS method	Dr. Mukesh Ranjan	DAE	Government	Physical Science	2019	9.5	3 years
Board of Research in Nuclear Sciences (BRNS) funded project with UPES, Dehradun	Dr. Sejal Shah	BRNS, DAE	Government	Physical Sciences	2021	18.9	3 years 4 months
Development of a plasma based system for nano-titania production in large quantities and study of its anti-stain, anti microbial properties on textile fabrics	Balasubramanian	DAE	Government	Physical Sciences	2019	7	7 years
Synthesis and characterization of BN nanostructures	Balasubramanian	DoS / ISRO	Government	Physical Sciences	2020	10,77	3 years
		DAE	Government	Engineering Sciences	2019	976	6 years
		DAE	Government	Physical Sciences	1905	334	5 years 4 months
	Dr. S.K. Nema	DAE	Government	Physical Sciences	1905	4.21	5 years 4 months
		DAE	Government	Physical Sciences	2019	7	7 years
Development of VLPPS system	Dr. G. Ravi	DAE	Government	Physical Sciences	2019	2.57	4.5 years

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Development of exhaust gas treatment system	Dr. G. Ravi	DAE	Government	Physical Sciences	2019	16	4.5 years
DEVELOPMENT OF GRIDDED ION SOURCE FOR APPLICATIONS OF ION THRUSTERS AND MATERIAL RESEARCH(Project)- Fusion Technologies	Dr. Sanjeev Kumar Sharma	DAE	Government	Physical Sciences	2020	140	4 Years
Research Activity(Project)- Tokamaks and Auxiliary Systems RIP-4007-S2-06	Dr. Vipul Laxmidas Tanna	DAE	Government	Engineering Sciences	2020	350	4 years
A HIPIMS technique for dense TiN coating by developing a plasma source with Titanium (Ti) and Cu (copper) metal ions	Ramkrishna Rane	DAE	Government	Physical Sciences	2019	7	6 Years
Study and development of magnetic nanoparticles produced under externally applied electric and magnetic fields	Balasubramanian	DAE	Government	Physical Sciences	2019	33,57	7 years
"Verification of Concurrent Programs in Weak Memory Models"	Dr. Prakash Saivasan	SERB	Government	Mathematical Sciences	2022	2.2	3 years
RELIC "Reconstructing Early and Late events In cosmology"	Dr. Dhiraj Hazra,	DST	Government	Physical Sciences	2022	2.5	3 years
"Theoretical approaches to the study of condensed phase electron and proton trasnfer process"	Dr. Charulatha Venkataraman	DST	Government	Physical Sciences	2022	10.24	3 years
M (atching) A(uction) C(ontract) Parameterized Algorthms for Economics and Computation" (PAC SERB-SUPRA)	Dr. Sushmita Gupta	SERB	Government	Mathematical Sciences	2022	1.4	1 year
"First Pages of intermittent random walk searchers – application to Statistical physics, biological and chemical process"	Dr. Amab Pal	SERB	Government	Physical Sciences	2022	6.09	1 year
"Topology of Adjoint Orbits of Lie Groups"	Prof. Pralay Chatterjee	SERB	Government	Mathematical Sciences	2022	2	1 year
Development of Scientific Infrastructures for Basic and Applied Research: Sub- Project 1. Basic and Applied Research in Nuclear Science & Allied Areas.	Dr. Sarmistha Bhattacharyya	DAE	Government	Physical Sciences	2020	602	3 years
Development of Scientific Infrastructures for Basic and Applied Research:Sub- Project 2. Computing and Automation for Basic & Applied Research.	Dr. Sarbajit Pal	DAE	Government	Engineering Sciences	2020	485	3 years
Development of Scientific Infrastructures for Basic and Applied Research: sub- Project 3. Development of Detectors and Electronics for X-ray, gamma, neutron imaging, muon and NIR tomography	Dr. Subhasish Chattopadhyay	DAE	Government	Physical Sciences	2020	150	3 years

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Basic Research in Nuclear and High Energy Physics: Development and nstallation of fast timing photon spectrometer, magnetic spectrometers for electrons and recoils	Akashrup Banerjee	DAE	Government	Physical Science	2019	20	3 reals
sastic Research in Auctear and High Energy Physics: Study capture eactions, perform gamma spectroscopy and neutron activation studies brough in-beam real time exposures and offbeam irradiation exposures.	Anjali Mukherjee	DAE	Government	Physical Science	2019	76	5 Years
asic Research in Nuclear and High Energy Physics: Establishing PGA programming and training laboratory asic Research in Nuclear and High Energy Physics: Basic research in	Arindam Das	DAE	Government	Physical Science	2019	12	5 Years
asic Research in Nuclear and Figh Energy Physics: Basic research in eoretical physics in the fields of Beyond the Standard Model Physics, rings, Gravity and Math Physics, Hot and Dense Matter in terrestrial id celestial labs, Particle nature of Dark Matter, Neutrino physics and	Arnab Kundu	DAE	Government	Physical Science	2019	0.2	5 Years
asic Research in Nuclear and High Energy Physics: Setting up the experimental facilities at the surface and underground laboratories at JSL	Debashis Das	DAE	Government	Physical Science	2019	0.4	5 Years
asic Research in Nuclear and High Energy Physics: Study of the level radioactivity, the cosmogenic and radiogenic neutron backgrounds JUSL and to develop methods of mitigating those backgrounds.	Maitrayee Nandi	DAE	Government	Physical Science	2019	58.2	5 Years
asic Research in Nuclear and High Energy Physics: Detector evelopment for Dark Matter search experiment and observational eV gamma-ray astronomy	Mala Das	DAE	Government	Physical Science	2019	54.8	5 Years
asic Research in Nuclear and High Energy Physics: Setting up the experimental facilities at the surface and underground laboratories at USL	Manoj Saran	DAE	Government	Physical Science	2019	90.8	5 Years
asic Research in Nuclear and High Energy Physics: Molecular Beam pectroscopy Laboratory to perform Vibrational Mediated Photossociation (VMP) of atoms, molecules and clusters.	Montu K., Hazra	DAE	Government	Physical Science	2019	78.8	5 Years
asic Research in Nuclear and High Energy Physics: Development of uon telescope for naturally abundant cosmic muon based tomography	Nayana Majumdar	DAE	Government	Physical Science	2019	25.8	5 Years
asic Research in Nuclear and High Energy Physics: Theoretical and experimental investigations of the Multiwavelength and the Multi-essenger Astroparticle Physics.	Pratik Majumdar	DAE	Government	Physical Science	2019	13.4	5 Years
asic Research in Nuclear and High Energy Physics: Storage and trieval of light pulses in cold and hot atomic medium using coherent anipulation of photons	Sankar De	DAE	Government	Physical Science	2019	45.6	5 Years
asic Research in Nuclear and High Energy Physics: Installation of a cility for compute-clusters and development of scientific software in lyanced areas of theoretical research.	Subir Sarkar	DAE	Government	Physical Science	2019	149.4	5 Years
asic Research in Nuclear and High Energy Physics: Development of uon telescope for naturally abundant cosmic muon based tomography	Supratik Mukhopadhyay	DAE	Government	Physical Science	2019	9.2	5 Years

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	I		T				5 Years
Basic and applied research in Biophysics and Material sciences: Study f structural changes of the nanomaterials using Indus-II synchrotron ource at RRCAT, Indore	Satyaban Bhunia, Mrinmay Mukhopadhayay	DAE	Government	Physical Sciences	2019	50	
Basic and applied research in Biophysics and Material sciences: Study f topography, structure and composition of soft and hard LD systems	Satyajit Hazra, Mrinmay Mukhopadhayay	DAE	Government	Physical Sciences	2019	20	5 Years
asic and applied research in Biophysics and Material sciences: inderstanding in-plane and out-of-plane structure and evolution of LD structure in a non-destructive way	Satyajit Hazra, Mrinmay Mukhopadhayay	DAE	Government	Physical Sciences	2019	30	5 Years
asic and applied research in Biophysics and Material sciences: Study optoelectronic properties of low dimensional systems	Satyaban Bhunia	DAE	Government	Physical Sciences	2019	12	5 Years
asic and applied research in Biophysics and Material sciences: Study f high performance thermoelectric, magneto-caloric, magneto-esistive materials etc	Indranil Das, Chandan Mazumdar	DAE	Government	Physical Sciences	2019	30	5 Years
asic and applied research in Biophysics and Material sciences: Study Spin/quantum electronics including switching devices	Indranil Das	DAE	Government	Physical Sciences	2019	23	5 Years
asic and applied research in Biophysics and Material sciences: Large	Avik Basu, Arti Garg and Kalpataru Pradhan	DAE	Government	Physical Sciences	2019	22	5 Years
asic and applied research in Biophysics and Material sciences: Study flow dimensional energy harvesting materials	Biswarup Satpati	DAE	Government	Physical Sciences	2019	6	5 Years
asic and applied research in Biophysics and Material sciences:	K. S. R. Menon	DAE	Government	Physical Sciences	2019	14	5 Years
asic and applied research in Biophysics and Material sciences: emonstration of next-generation coherent electronics based on pologically protected states	Biswajit Karmakar	DAE	Government	Physical Sciences	2019	60	5 Years
asic and applied research in Biophysics and Material sciences: Study large local/non-local magnetoresistance and topological properties	Indranil Das	DAE	Government	Physical Sciences	2019	4	5 Years
asic and applied research in Biophysics and Material sciences: Study	P. M. G. Nambission	DAE	Government	Physical Sciences	2019	6	5 Years
asic and applied research in Biophysics and Material sciences:	Supratic Chakraborty	DAE	Government	Physical Sciences	2019	9	5 Years
asic Research in Nuclear and High Energy Physics: Utilization and pgradation of a national accelerator facility for research in nuclear strophysics (FRENA)	Chinmay Basu	DAE	Government	Physical Science	2019	112.4	5 Years

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5 Years Basic Research in Nuclear and High Energy Physics: Study of unusual Ushasi Dutta DAE Government Physical Science 2019 100 properties of exotic nuclei far from beta stability using International Compilation of data as neceived from Dean-Academic of various CI's/occ of HBNI. RIB facilities