

3.2.2 Grants for research projects sponsored by the Govt. 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 (Govt./Non-Govt.)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project	Cis/OCC
A multi-site pragmatic prospective observational study assessing outcome and safety of oral chloroquine / hydroxychloroquine prophylaxis for Indian medical professionals at risk of COVID-19	Dr. Sohan Solanki	TRAC	Govt.	Medical and Health Sciences	5/11/2020	0.5	1 Years	TMC
BIRAC - Early Translation Accelerator (ETA)	Dr. Amit Kunwar (Co-Investigator)	BIRAC	Govt.	Chemical Sciences	2021	199.1	18 months	RRCAT
Designerthin film heterostructure of quantum materials	Dr. Debakanta Samal	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	22.53	3 years	IOP
Development of a Multi-omics based Neoantigen Discovery Platform to generate Personalized Vaccines for Gliomas	Dr. Sridhar Epari	ICMR	Govt.	Medical and Health Sciences	10/28/2020	27.20	3 Years	TMC
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 leukemia: a prospective observational study.	Dr. Prashant Tembhare	ICMR	Govt.	Medical and Health Sciences	8/19/2020	46.56	3 Years	TMC
Exploring Radiative Neutrino Mass Models through Dark Matter and Collider Experiment	Dr. Kirtiman Ghosh	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	6.61	3 Years	(From IOP)
Frontier & Futuristic Technology (FFT) Division	Aditi Sen De	Department of Science & Technology (DST)	Govt.	Physical Sciences	2019-20	39.02	03 years	HRI
Frontier & Futuristic Technology (FFT) Division	Arun Kumar Pati	Department of Science & Technology (DST)	Govt.	Physical Sciences	2019-20	59.02	03 years	HRI
Genomic Profiling of SARS-CoV-2 Infection in the city of Mumbai	Dr. Nikhil Patkar	TRAC	Govt.	Medical and Health Sciences	6/2/2020	36.5	2 Years	TMC
INSPIRE Faculty Fellowship	Dr. Bishnu Prasad Biswal	DST-INSPIRE	Govt.	Chemical Sciences	2021	3.50E+01	5 Years	(From NISER)
INSPIRE Faculty Fellowship	Dr. Dipak Samanta	DST-INSPIRE	Govt.	Chemical Sciences	2021	35	5 Years	(From NISER)

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Investigating the role of methyl ammonium ordering in apto electronic properties of hybrid perovsites	Dr. Dinesh Topwal	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	8.41	3 Years	(From IOP)
JC Bose Fellowship Award	Ashoke Sen	Science & Engineering Research Board (SERB)	Govt.	Physical Sciences	2017-18	10.25	05 years	HRI
JC Bose Fellowship Award	Arun Kumar Pati	Science & Engineering Research Board (SERB)	Govt.	Physical Sciences	2018-19	10.5	05 years	HRI
Matrics - Matrics Expert Committee	R Thangadurai	Science & Engineering Research Board (SERB)	Govt.	Mathematical Sciences	2020-21	2.2	03 years	(From IPR)
MHRD-SPARC	DR SANOLI GUN	MHRD, NEW DELHI	Govt.	Mathematical Sciences	2019	20.00	3 YEARS	IMSc
MHRD-SPARC	DR AMRITANSHU PRASAD	MHRD, NEW DELHI	Govt.	Mathematical Sciences	2019	17.00	3 YEARS	IMSc
National Post-Doctoral Fellowship in Physical Science	Dr. Soumya C	Science and Engineering Research Board	Govt.	Physical Sciences	2019-20	9.60E+00	2 Years	(From IOP)
National Supercomputing Mission (NSM)	Sudip Chakraborty	National Supercomputing Mission (NSM)	Govt.	Engineering Sciences	2020-21	35.14	Not metioned	(From IPR)
QITPD-ICPS	Dr C M CHANDRASEKHAR	DST NEWDELHI	Govt.	Physical Sciences	2019	31.98	5 YEARS	IMSc
QITPD-ICPS	Dr SIBASISH GHOSH	DST NEWDELHI	Govt.	Physical Sciences	2019	37.12	5 YEARS	IMSc
SERB MCOMS	DR SUSHMITA GUPTA	SERB NEW DELHI	Govt.	Mathematical Sciences	2021	3.8	3 YEARS	(From IOP)
SERB novel pantronic phase in the functional quantum	Dr. Ajith C Balram	SERB NEW DELHI	Govt.	Mathematical Sciences	2020	28.6	2 YEARS	(From IOP)
SERB TOPOLOGY	PROF PRALAY CHATTERJEE	SERB NEW DELHI	Govt.	Mathematical Sciences	2021	2.2	3 YEARS	(From IOP)
Soft- Theorems, S-Matrix and Flat-Space holography	Dr. Shamik Banerjee	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	2.2	3 Years	(From IOP)

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Stochastic thermodynamics of active particles and fields	Dr. Debashis Choudhuri	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	2.20E+00	3 Years	(From IOP)
SwarnaJayanti Fellowship & research grant	Dr. S K Agarwalla	Ministry of Science & Technology	Govt.	Physical Sciences	2020-21	3	5 Years	(From IOP)
"Processing of waste placental tissue from maternity wards into regenerative tissue grafts for non-healing wounds and other clinical applications"	Dr. Ajay Puri	DST	Govt.	Medical and Health Sciences	2021	50	2 years	TMC
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	BST DMG	Govt.	Medical and Health Sciences	4/21/2018	9.98	4 Years 6 Months	TMC
A collaborative, multicentre, national trial for newly diagnosed patients with acute lymphoblastic leukaemia (ICiCLE-2014)	Dr. Gaurav Narula	ICMR /NCG	Govt.	Medical and Health Sciences	6/2/2014	73.26	9 Years	TMC
A comparison of clinicopathological profile of non-B non-C hepatocellular cancer (HCC) and Hepatitis B or C related HCC	Dr. Prachi Patil	DAE	Govt.	Medical and Health Sciences	6/12/2017	.18	6 Years	TMC
A dosimetric and clinical study of DIBH in Mediastinal Lymphomas: An exploratory observational study	Dr. Jayant Goda	DST	Govt.	Medical and Health Sciences	6/11/2018	56.92	14 Years	TMC
A Feasibility and Safety Study of Single Application Multifractionated High Dose Rate Brachytherapy in Locally Advanced Cervical Cancer.	Dr. Lavanya Naidu	DAE	Govt.	Medical and Health Sciences	3/7/2017	26.06	4 Years	TMC
A phase II trial to study efficacy, toxicity and immunomodulatory effect of Carctol-S in high grade serous epithelial ovarian cancer at first serological relapse	Dr. Amita Maheshwari	MINISTRY OF AYUSH,CCRAS,GOVT OF INDIA	Govt.	Medical and Health Sciences	4/24/2018	98.40	4 Years	TMC
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	Govt.	Medical and Health Sciences	2/29/2016	4.45	6 Years	TMC


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A Prospective Study To Evaluate The Incidence Of Peripheral Neuropathy In Taxane Based Chemotherapy In Epithelial Ovarian Carcinoma	Dr. Sudeep Gupta	DAE	Govt.	Medical and Health Sciences	9/15/2014	1.92	6 Years	TMC
A randomized controlled trial to evaluate the safety of breast conserving surgery post neo-adjuvant therapy locally advanced breast cancer.	Dr. Nita Nair	DAE	Govt.	Medical and Health Sciences	6/12/2018	12.07	12 Years	TMC
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 oropharyngeal cancers	Dr. Ashwini Budrukkar	DAE-CTC	Govt.	Medical and Health Sciences	6/8/2010	54.54	11 Years 8 Months 4 Days	TMC
A study evaluating the efficacy of axillary reverse mapping in biopsy proven patients undergoing upfront surgery.	Dr. Vani Parmar	DAE	Govt.	Medical and Health Sciences	2/7/2020	2.90	2 Years	TMC
Absolute matrix order unit spaces: an order theoretic generalization of $C^*$ -algebras	Dr. Anil Kumar Karn	SERB	Govt.	Mathematical Sciences	2021	6.6	3 Years	(From NISER)
Acceptability and validity of self sampling for high risk HPV detection among women in Maharashtra	Dr. Gauravi Mishra	PHFI THROUGH THE PH LEADER PRPGRAMME	Govt.	Medical and Health Sciences	3/2/2017	92.99	5 Years 2 Months	TMC
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	Govt.	Medical and Health Sciences	7/16/2018	12.12	4 Years	TMC
Adjuvant Radiotherapy in Early Stage Oral Cancers (AREST) - a prospective randomized control trial	Dr. Sudhir Vasudevan Nair	National Cancer Grid	Govt.	Medical and Health Sciences	11/16/2016	418.37	7 Years	TMC
Advance Materials for Different Applications	Prof. Sudhakar Panda	DAE	Govt.	Chemical Sciences	2020	1,430.00	3 Years	NISER

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Advanced Research Facility for Theoretical Physics	Prof. Pinaki Majumdar	DAE	Govt.	Physical Sciences	2020	61.11	3 Years	HRI
An integrated network analysis to identify genomic alteration profiles of human periampullary cancer	Dr. Shailesh Shrikhande	Department of Biotechnology, Government of India	Govt.	Medical and Health Sciences	7/30/2018	24.27	4 Years	TMC
An ultrasonographic analysis of gastric volume in patients posted for elective gastrointestinal surgeries	Dr. Reshma Ambulkar	DAE	Govt.	Medical and Health Sciences	10/9/2018	.90	2 Years	TMC
Androgen receptor expression in breast cancer: Clinical, pathological and prognostic significance	Dr. Asawari Patil	WCI	Govt.	Medical and Health Sciences	7/7/2010	4.10	7 Years 9 Months 19 Days	TMC
Assessing Trop 2 expression and its correlation with the anti-Trop2 immune status in ovarian cancer patients	Dr. Amita Maheshwari	ICMR NIRRH	Govt.	Medical and Health Sciences	9/24/2018	21.00	5 Years	TMC
Basic Research in cellular & Modular	Prof. Sudhakar Panda	DAE	Govt.	Life Sciences	2020	1,711.00	3 Years	NISER
Biological effect of low and high dose radiation exposure on human peripheral blood mononuclear cells and tumour tissues of cancer patients: a prospective in-vivo study	Dr. Rajendra Badwe	DEPARTMENT OF ATOMIC ENERGY AND DBT	Govt.	Medical and Health Sciences	6/13/2017	398.18	5 Years	TMC
BIONIC: Big Imaging Data Approach For Oncology in a Netherlands India Collaboration	Dr. Venkatesh Rangarajan	DEITY-Dept of Electronics Govt of India	Govt.	Medical and Health Sciences	10/5/2017	44.25	8 Years	TMC
BRNS	Dr. P.C. Mishra	BRNS	Govt.	DAE	2021	35.36	2021-2024	(From BARC)

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Centre for Fundamental Studies	Prof. Sudhakar Panda	DAE	Govt.	Physical Sciences	2020	372.96	3 Years	NISER
Centre for inter Disciplinary Sciences	Prof. Sudhakar Panda	DAE	Govt.	Chemical Sciences	2020	3,524.00	3 Years	NISER
Clinicopathologic Features of Undifferentiated Round CellSarcomas of Bone and Soft Tissues	Dr. Bharat Rekhi	DAE	Govt.	Medical and Health Sciences	6/30/2017	8.08	4 Years 6 Months	TMC
Comparing the disparate impacts of Oak and Chir pine tree species on their local hydrological and hydroclimatic regimes in the west-central Himalayas	Dr. Jaya Khanna Co-PI- Dr. Sumit Sen, IIT Roorkee Dr. Jagdish Krishnaswamy, ATREE	MHRD-STAR	Govt.	Physical Sciences	2020	97.08	3 Years	(From NISER)
DAE – RAJA RAMANNA FELLOWSHIP – PROF ROMESH K KAUL	PROF ROMESH K KAUL	DAE	Govt.	Physical Sciences	2018	1.82	3 YEARS	IMSc
Development and Validation of an Electronic Surveillance System for Surgical Site Infections Developing During Hospital Stay and After Discharge: A Multi-Centric Study	Dr. Sheila Myatra	ICMR	Govt.	Medical and Health Sciences	12/5/2018	25.19	4 Years	TMC
DST – WOS A SCIENTIST SCHEME	DR ARPITA CHOUDHURY	DST NEWDELHI	Govt.	Physical Sciences	2019	10.00	3 YEARS	IMSc
DST IINSPIRE Faculty award	Dr. Chitrabhanu Chaudhuri	DST	Govt.	Mathematical Sciences	2021	86.27	5 Years	(From NISER)
DST under "Hydrogen and Fuel Cell" Scheme (3.2.2)	PI: Prof. Rohit Shrivastava, DEI, Agra, Co-PI: Dr. Mrinal R. Pai, ChD, BARC, Mumbai, Co-PI: Dr. A. M. Banerjee, ChD, BARC, Mumbai,	DST	Govt.	Chemical Sciences	2020	14.4	2020 -2023	(From BARC)

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DST-SWARNAJAYANTHI FELLOWSHIP	DR SAKET SAURABH	DST NEWDELHI	Govt.	Physical Sciences	2019	.00		IMSc
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	Govt.	Medical and Health Sciences	7/8/2011	40.53	11 Years	TMC
Effect of intravenous iodinated contrast media on renal function in adults with estimated glomerular filtration rate <45 mL/min/1.73m <sup>2</sup> : A randomized controlled non-inferiority trial	Dr. Akshay Baheti	DAE	Govt.	Medical and Health Sciences	12/4/2018	62.01	4 Years	TMC
Efficacy of Bortezomib and Rituximab in newly diagnosed adolescent and adult CD20 positive Philadelphia (Ph) negative Precursor B-cell acute lymphoblastic leukemia. Phase II study	Dr. Manju Sengar	DAE	Govt.	Medical and Health Sciences	1/31/2017	65.44	5 Years	TMC
Esophagectomy Complications Platform and Quality Measures: What is the Contemporary Incidence of Complications at High Volume Esophagectomy Centers?	Dr. C. S. Pramesh	DAE	Govt.	Medical and Health Sciences	1/11/2018	23.57	10 Years	TMC
Evaluating the clinical utility of new immunophenotypic markers in the determination of minimal residual disease in childhood acute myeloid leukemia.	Dr. Prashant Tembhare	DAE	Govt.	Medical and Health Sciences	5/4/2018	4.03	4 Years	TMC
Evaluation of the diagnostic performance of HPV E6/E7 mRNA versus oncogenic HPV DNA as a secondary triage test for VIA positive women in cervical cancer screening program	Dr. Sharmila Pimple	DBT	Govt.	Medical and Health Sciences	2/11/2013	18.84	8 Years 1 Months	TMC
Experimental Condensed Matter Ultra Cold Atom	Prof. Sudhakar Panda	DAE	Govt.	Physical Sciences	2020	3,094	3 Years	NISER
Experimental High Energy Physics Programme	Prof. Sudhakar Panda	DAE	Govt.	Physical Sciences	2020	447.00	3 Years	NISER

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Exploring the role of indigenously developed Chimeric Antigen Receptor (CAR) modified T- Cells in the therapy of relapsed/ refractory B-cell Acute Lymphoblastic Leukemia ineligible for Stem Cell Transplantation- Stage 2 & 3 of a Multi-stage Project	Dr. (Surg Cdr) Gaurav Narula	National BioNon-Govt. Mission	Govt.	Medical and Health Sciences	2021	.02	3 years	TMC
Exploring the role of TERT mutations in defining encapsulated papillary carcinoma of breast	Dr. Tanuja Shet	DAE	Govt.	Medical and Health Sciences	9/14/2017	8.50	2 Years	TMC
Feasibility and implications of thoracoscopic dissection of internal mammary nodes in central and inner quadrant breast cancer	Dr. Sabita Jiwnani	DAE	Govt.	Medical and Health Sciences	6/5/2015	28.44	7 Years	TMC
Genome-Wide Association Study to Identify Role of Genetic Susceptibility in Buccal Mucosa Cancer.	Dr. Sharayu Mhatre	DHR ICMR	Govt.	Medical and Health Sciences	9/28/2018	297.80	4 Years	TMC
Genomics for Public Health in India (IndiGen): a Tongue Cancer Initiative	Dr. Amit Dutt	CSIR-Institute of Genomics and Integrative Biology (CSIR IGIB)	Govt.	Medical and Health Sciences	9/16/2019	907.80	2 Years 3 Months	TMC
Germ Cell tumor outcome and long term follow up study (GTOF)	Dr. Amit Joshi	DAE	Govt.	Medical and Health Sciences	9/5/2014	5.04	8 Years	TMC
High-flow oxygen through nasal cannula in acute hypoxemic respiratory failure	Dr. Sheila Myatra	DAE	Govt.	Medical and Health Sciences	8/30/2018	3.28	4 Years	TMC
Histopathologic and Immunohistochemical Features of Solitary Fibrous Tumors of Soft Tissues	Dr. Bharat Rekhi	DAE	Govt.	Medical and Health Sciences	9/2/2016	8.72	4 Years 1 Months	TMC
Hypoxia Sensitive nanoparticle conjugates for targeted drug delivery in cancer	Dr. R. S. Ningthoujam (Principal Collaborator)	BRNS	Govt.	Chemical Sciences	2018	35	2018-2020	(From BARC)

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Immunogenetics of Natural Killer cell receptors in HPV infected women with or without cervical cancer	Dr. Amita Maheshwari	BRNS/CENTRAL GOVERNMENT	Govt.	Medical and Health Sciences	8/8/2017	37.80	4 Years	TMC
Impact of Radiotherapy on Neuropsychiatric and Neurocognitive Burden in Patients with previously treated Pituitary Adenomas	Dr. Rahul Krishnatry	DAE	Govt.	Medical and Health Sciences	10/24/2019	17.39	3 Years	TMC
In Vitro and In Vivo Functions of Cell Surface Estrogen Receptors (csERs) in the Context of Prostate Cancer.	Dr. Ganesh Bakshi	DAE-BRNS	Govt.	Medical and Health Sciences	11/18/2019	34.89	3 Years	TMC
Incidence of post op emergence delirium in patients undergoing robotic transabdominal surgery with steep trendelenberg position-an observational study	Dr. Madhavi Shetmahajan	DAE	Govt.	Medical and Health Sciences	1/4/2019	.02	3 Years	TMC
INSA SRINIVASAN RAMANUJAN RESEARCH PROF R BALASUBRAMANIAN	PROF R BALASUBRAMANIAN	INSA NEWDELHI	Govt.	Mathematical Sciences	2018	12.00	4 YEARS	IMSc
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)	Govt.	Medical and Health Sciences	8/31/2020	97.71	2 Years	TMC
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)	Govt.	Medical and Health Sciences	8/31/2020	97.71	2 Years	TMC
Interdisciplinary Cyber Physical Systems (ICPS) Division	Ujjwal Sen	Department of Science & Technology (DST)	Govt.	Physical Sciences	2019-20	81.58	03 years	HRI
Introduction of a novel, cost effective, multigene panel for NSCLC patients - A pilot project	Dr. Rajiv Kumar	TMH, Central Government	Govt.	Medical and Health Sciences	6/19/2018	206.86	4 Years	TMC

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Investigating the role of flow cytometric immunophenotyping in staging of pediatric solid round cell tumours	Dr. Prashant Tembhare	TMC	Govt.	Medical and Health Sciences	12/20/2016	9.95	4 Years 6 Months	TMC
Is extranodal Rosai Dorfman a different disease ?- Exploring BRAF , KRAS and MAP2K1 mutations in defining extranodal Rosai Dorfman disease.	Dr. Tanuja Shet	DAE	Govt.	Medical and Health Sciences	5/22/2018	10.64	2 Years	TMC
Levy process on braided quantum groups and bosonization	Dr. Sutaru Roy	SERB	Govt.	Mathematical Sciences	2020	6.6	3 years	(From NISER)
INSPIRE Faculty Fellowship Program	Dr. Aparajita Mandal	Ministry of Science & Technology	Govt.	Physical Sciences	2020-21	22	1 Year	(From IOP)
INSPIRE Faculty Fellowship Program	Dr. Aparajita Mandal	MINISTRY OF SCIENCE & TECHNOLOGY	Govt.	DEPARTMENT OF SCIENCE & TECHNOLOGY	2020-21	22.00	one year	IOP
Low Cost Companion Diagnostic Test for Predicting Benefit of Adjuvant Chemotherapy in ER+ Breast Cancer	Dr. Vani Parmar	DBT	Govt.	Medical and Health Sciences	5/26/2016	142.89	6 Years	TMC
Mathematical Modeling and Subsequent Interactive Visualization to Reveal Underlying Patterns in Metastases from Head & Neck and Breast Cancers in India	Dr. Shalaka Joshi	Fulbright/Nehru Grant	Govt.	Medical and Health Sciences	7/12/2017	15.09	4 Years 1 Months	TMC
Microbes Immunity & Research Biology	Prof. Sudhakar Panda	DAE	Govt.	Life Sciences	2020	1,655.00	3 Years	NISER
National Post-Doctoral Fellowship	Dr. Avdesh Kumar under mentorship of Dr. Amresh Kumar Jaiswal	SERB	Govt.	Physical Sciences	2021	21.31	2 Years	(From NISER)

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Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Govt./Non-Govt.)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project	Cis/OCC
Novel Organic Compounds for Biomedical	Prof. Sudhakar Panda	DAE	Govt.	Chemical Sciences	2020	1,452.00	3 Years	NISER
Pattern of care and survival studies Breast cancer	Dr. Rajesh Dikshit	NCRP, ICMR	Govt.	Medical and Health Sciences	7/31/2006	8.50	19 Years	TMC
Pattern of care and survival studies Head and Neck cancer	Dr. Rajesh Dikshit	NCRP, ICMR	Govt.	Medical and Health Sciences	7/31/2006	3.50	19 Years	TMC
Pattern of care and survival studies- cervix cancer	Dr. Amita Maheshwari	NCRP, ICMR	Govt.	Medical and Health Sciences	7/31/2006	8.50	19 Years	TMC
Performance of HPV DNA Test in presence of co-infection with common RTIs	Dr. Sharmila Pimple	DAE	Govt.	Medical and Health Sciences	6/14/2016	6.69	6 Years	TMC
Peripheral T--Cell Lymphoma: Impact of Immunophenotypic subsets, cytogenetic abnormalities, microenvironment and PI3K/NFKB on behavior	Dr. Tanuja Shet	DEPARTMENT OF BIOTECHNOLOGY	Govt.	Medical and Health Sciences	1/27/2017	135.98	5 Years	TMC
Perovskite based flexible thermoelectric power generators for portable power systems	Dr. Satyaprasad P. Senanayak	SERB	Govt.	Physical Sciences	2020	30.9	2 Years	(From NISER)
Phase I- Device Development : Development of portable transvaginal digital colposcope. Phase II- Development and Non-inferiority Evaluation of a portable transvaginal digital colposcope with smartphone interface for single visit cervix cancer screening in low resource setting.	Dr. Sharmila Pimple	Biotechnology Industry Research Assistance council (BIRAC)	Govt.	Medical and Health Sciences	5/3/2018	25.00	2 Years 6 Months	TMC
Phase III randomized controlled trial of Image Guided Intensity Modulated Radiotherapy (IG-IMRT) and Conventional Radiotherapy for late toxicity reduction after postoperative radiotherapy in carcinoma cervix.	Dr. Supriya Chopra	DAE-CTC	Govt.	Medical and Health Sciences	10/21/2010	48.33	11 Years	TMC

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Phase III, Assessor blinded, randomised controlled trial of the use of intraoperative neuromonitoring (IONM) in thyroid cancer surgery	Dr. Gouri Pantvaidya	TERRY FOX	Govt.	Medical and Health Sciences	4/12/2019	30.09	5 Years	TMC
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	Govt.	Medical and Health Sciences	4/4/2018	10.17	4 Years	TMC
Primary screening of high risk HPV DNA by a low cost molecular HPV test for early detection of cervical precancers and cancers among women in urban and rural community of Maharashtra	Dr. Sharmila Pimple	Department of Health Research (DHR)	Govt.	Medical and Health Sciences	11/13/2019	92.54	3 Years	TMC
Probing Heat Transport phenomena at Nanoscale using Raman Thermometry	Dr. Satyaprakash Sahoo	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	7.92	3 Years	(From IOP)
Probing Heat Transport phenomena at Nanoscale using Raman_x000D_ Thermometry	Dr. Satyaprakash Sahoo	Science and Engineering Research Board	Govt.	Physical Sciences	2020-21	7.92	3 years	IOP
Processing of waste placental tissue from maternity wards into regenerative tissue grafts for non-healing wounds and other clinical applications	Dr. Ajay Puri	DST	Govt.	Medical and Health Sciences	2021	50	2 years	TMC
Prospective cohort study to determine the association of pre-operative nutritional status with 90 days morbidity among patients undergoing Radical cystectomy or Radical Cysto-Prostatectomy for Bladder Cancer	Dr. Ganesh Bakshi	DAE	Govt.	Medical and Health Sciences	10/24/2019	.11	2 Years 6 Months	TMC
Prospective study to identify biomarkers of chemoresistance to neoadjuvant chemotherapy and discover targetable pathways in triple-negative breast cancer.	Dr. Nita Nair	TF / DBT / DST	Govt.	Medical and Health Sciences	4/12/2018	42.85	4 Years	TMC
Randomized Controlled Trial Evaluating the Role of Exercise in Women Undergoing Treatment for Breast Cancer	Dr. Nita Nair	DAE Capital budget	Govt.	Medical and Health Sciences	5/25/2010	79.89	15 Years	TMC

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Rapid Palliation in Locally Advanced Cervical Cancer: A Phase III randomized trial (RAPPAL Study)	Dr. Supriya Chopra	TF	Govt.	Medical and Health Sciences	2/5/2019	71.52	5 Years	TMC
RECAPP, Neutrino Physics & Astrophysics	Prof. Pinaki Majumdar	DAE	Govt.	Physical Sciences	2020	6.16	3 Years	HRI
Rejuvenation of dying springs in Tokoli Gad Catchment of Tehri Garhwal District using Geo-Chemical & Geo-Physical techniques	Dr. Jaya Khanna	NMCG	Govt.	Physical Sciences	2020	6.5	3 Years	(From NISER)
Research in Basic Sciences	Prof. Sudhakar Panda	DAE	Govt.	Physical Sciences	2020	803.00	3 Years	NISER
Response Evaluation of Sclerotherapy for Vascular Malformations	Dr. Kunal Gaia, Dr. Ashish Gulia, Dr. Ajay Puri	DST	Govt.	Medical and Health Sciences	2021	50	2 years	(From BARC)
Role of HPV in etiology and progression of Head and Neck cancer	Dr. Rajesh Dikshit	ICMR	Govt.	Medical and Health Sciences	11/14/2013	49.29	6 Years 6 Months	TMC
Role of IL-9 and Th9 cells in T cell lymphoma with cutaneous involvement	Dr. Hasmukh Jain	ICMR+ IIT-BOMBAY	Govt.	Medical and Health Sciences	3/8/2017	3.02	5 Years 6 Months	TMC
SERB – Explicit formulas for a class of general L functions Dr K Srinivas	PROF K SRINIVAS	SERB NEWDELHI	Govt.	Mathematical Sciences	2018	1.00	3 YEARS	IMSc
SERB – RAMANUJAN FELLOWSHIP – DR AREEJIT SAMAL	PROF AREEJIT SAMAL	SERB NEWDELHI	Govt.	Life Sciences	2015	4.00	4 YEARS	IMSc

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SERB - RAMANUJAN FELLOWSHIP - DR C M CHANDRASHEKAR	PROF CHANDRASEKHAR	SERB NEWDELHI	Govt.	Physical Sciences	2015	.00	4 YEARS	IMSc
SERB AE COFFEICIENTS M FORMS	DR SANOLI GUN	SERB NEWDELHI	Govt.	Mathematical Sciences	2018	1.70	3 YEARS	IMSc
SERB W Algebra	Prof. Viswanath	SERB NEW DELHI	Govt.	Mathematical Sciences	2020	2	3 YEARS	(From IOP)
SERB W ALGEBRAS	PROF VISWANATH	SERB NEWDELHI	Govt.	Mathematical Sciences	2020	2.00	3 YEARS	IMSc
SERB-TARE DR SUNITHA V	PROF AREEJIT SAMAL	SERB NEWDELHI	Govt.	Life Sciences	2019	1.85	3 YEARS	IMSc
Special & Thematic Events in Mathematics	Prof. Pinaki Majumdar	DAE	Govt.	Mathematical Sciences	2020	2.20	3 Years	HRI
Structure of Hermitian modular forms modulo p and mod p kernel of theta function	Dr. Jaban Meher	SERB	Govt.	Mathematical Sciences	2020	30.42	3 Years	(From NISER)
Studies on lanthanides, actinides (U and Th) and toxic elements using nano-particle based solid adsorbents and neutron activation analysis	Dr. R. S. Ningthoujam (Principal Collaborator)	BRNS	Govt.	Chemical Sciences	2019	8	2019-2021	(From BARC)
Synthesis and characterization of boron nitride nanostructures	Dr. Balasubramanian C.	Vikram Sarabhai Space Center, ISRO	Govt.	Physical Sciences	2020	0	24 months	(From IPR)

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Synthesis and characterization of novel photosensitizer textile dyes with photo-inactivation ability of viruses and other microbes: An expeditious approach to make self-cleaning and self-sterilizing fabric	Dr. Nabanita Sadhukhan, ICT Mumbai	BRNS	Govt.	DAE	2021	31.09	30-6-2021 to 29-6-2023 (3 years)	(From BARC)
Synthesis of Functional DNA Comprising Aminotriphyl 2' - deoxyuridine Analogues For Cross-linking with Peptides	Dr. Nagendra Kr. Sharma	SERB	Govt.	Chemical Sciences	2020	47.45	3 Years	(From NISER)
Synthesis, development and efficacy studies of functionalized Hollow Gold Nanoparticles for Glioblastoma	Dr. R. S. Ningthoujam (Principal Collaborator)	BRNS	Govt.	Chemical Sciences	2019	35	2019-2021	(From BARC)
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	TRAC and ICMR	Govt.	Medical and Health Sciences	2/25/2020	13.94	2 Years	TMC
Theoretical and computational investigations on the physical origins of rate-state friction- insights from a diverse set of normal stress step laboratory friction experiments	Dr. Pathikrit Bhattacharya	SERB	Govt.	Physical Sciences	2.02E+03	30.82	2 Years	(From NISER)
Theoretical High Energy & Condensed Matter	Prof. Sudhakar Panda	DAE	Govt.	Physical Sciences	2020	665.00	3 Years	NISER
Topological phase measurement in one-dimensional periodic and quasi-periodic photonic crystals	Dr. Ritwick Das and Dr. Pratap Kumar Sahoo	SERB	Govt.	Physical Sciences	2021	59.07	3 Years	(From NISER)
Transport coefficients near the critical point of strongly interacting matter	Dr. Guruprasad Prakash Kadam	DST-INSPIRE	Govt.	Physical Sciences	2021	22.48	5 Years	(From NISER)
Tumor selective drug delivery using targeted micellar systems	Dr. Sanjay Tiwari, UKA Tarsadia Univ., Maliba Non-Govt. College, Gujarat (Principal Investigator) Gunjan Verma, Chemistry Division, BARC (Principal Collaborator)	UGC-DAE Consortium for Scientific Research	Govt.	Chemical Sciences	2020	4.77	April 2020 to March 2021 (Extendable to two more years after yearly review)	(From BARC)

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Up gradation of pulsed DC power supply of Plasma Nitriding unit	Dr.-Ing. Suryakant Gupta	Indira Gandhi Centre for Atomic Research	Govt.	Engineering Sciences	2020	30.68	15 months	(From IPR)
Women Scientist Scheme A (WOS-A)	Aarti Girdhar	Department of Science & Technology (DST)	Govt.	Physical Sciences	2018-19	8.5	03 years	HRI
Chemistry of Materials for Energy, Environment and Health	Dr. A. K. Tyagi	DAE	Govt.	Chemical Sciences	2014	190.01	7 Years	BARC
Basic and Applied Research in Chemistry	Dr. C. N. Patra	DAE	Govt.	Chemical Sciences	2013	2285.07	7 Years	BARC
Technology Development and Applications of Isotopes	Dr. Y.K. Bhardwaj	DAE	Govt.	Chemical Sciences	2014	157.05	7 Years	BARC
Developing Novel Applications of Radiation Technology for Value Addition to Food & Agro Commodities	Dr. S.K. Ghosh	DAE	Govt.	Chemical Sciences	2014	6.41	7 Years	BARC
Development of New Alloys	Dr. Pranesh Sengupta	DAE	Govt.	Engineering Sciences	2014	110.46	7 Years	BARC
Experimental Studies for Ageing & Life Extension of Nuclear Components	Dr. V. Kain	DAE	Govt.	Engineering Sciences	2014	609.35	7 Years	BARC
Infrastructure and Component for launching of Advanced Heavy Water Reactor	Dr. N. K. Maheshwari	DAE	Govt.	Engineering Sciences	2014	1615.43	7 Years	BARC

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