

# AIIMS Bhubaneswar

## Intramural Funded Projects Sanctioned for the F.Y. 2022-23

Sl No	Temporary project code	Title of Project	Name of PI, Designation & Department	Name of Co-PI
1	T/IM-F/22-23/01	Next-generation sequencing analysis of T-cell clonality in pigmented purpuric dermatosis.	Dr Biswanath Behera Assistant Professor Department of Dermatology & Venereology	1. Dr Ramadass Balamurugan 2. Dr Madhusmita Sethy 3. Dr Pavithra A.
2	T/IM-F/22-23/02	Impact on liver and spleen stiffness in Budd-Chiari Syndrome patients following endovascular interventions and their role as non-invasive predictors in assessing the effectiveness of interventions over a long follow-up period	Dr Biswajit Sahoo Assistant Professor Department of Radiodiagnosis	1. Dr. Manas Kumar Panigrahi 2. Dr. Hemanta Kumar Nayak 3. Dr. Abhishek Mishra 4. Dr. Ranjan Kumar Patel 5. Dr. Taraprasad Tripathy
3	T/IM-F/22-23/03	Association of Serum BDNF levels with prefrontal metabolism and cognitive flexibility in cancer patients with anxiety.	Dr Mangani Mangalavalli. S Assistant Professor Department of Physiology	1. Dr P. Sai Sradha Patro 2. Dr R. Madumathy 3. Dr Kanhaiyalal Agrawal 4. Dr Pranati Nanda
4	T/IM-F/22-23/04	Sarcopenia, serum myostatin levels and insulin resistance in Non-alcoholic fatty liver disease: A single-centre cross-sectional study	Dr Nivedita Priyadarsini Assistant Professor Department of Physiology	1. Dr Manas Panigrahi 2. Dr. Kishore Kumar Behera 3. Dr. Suchitra Kumari 4. Dr. Pranati Nanda
5	T/IM-F/22-23/05	Circulating levels of microRNA miR-9, miR-126 and miR-510 in cases of essential hypertension in Odisha: a preliminary study.	Dr Prais Joy. R Assistant Professor Department of Anatomy	1. Dr Suchanda Sahu 2. Dr Sipra Rout 3. Dr Sujata Devi 4. Dr Pravash Tripathy
6	T/IM-F/22-23/06	Comparison of primary pterygium excision and conjunctival autograft apposition with fibrin glue versus electrocauterization- a randomized, double blind, two-arm study.	Dr Bijnya B Panda Assistant Professor Department Ophthalmology	1. Dr Sucheta Parija 2. Dr Bruttendu Moharana
7	T/IM-F/22-23/07	A mixed method study to evaluate the impact of Blended Educational Intervention (BET) on parental knowledge, practice, belief, drug adherence and child's quality of life (QOL), selected clinical outcome, among parents of children with epilepsy attending Pediatric department at AIIMS, Bhubaneswar	Mrs Hepsi Bai J Assistant Professor College of Nursing	1. Dr Amit Kumar S 2. Dr Sanjeev Kumar Bhoi 3. Ms. Bhanu Prava 4. Ms Sandhya K 5. Ms. Jyothi Krishna 6. Dr Asha P Shetty

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8	T/IM-F/22-23/08	Association between plasma neurofilament light chain protein and N-methyl-D- aspartate receptor proteins in schizophrenia.	Dr B. Narasimha Rao Associate Professor Department Physiology	1. Dr Kalpana K Bharwal 2. Dr Shree Mishra
9	T/IM-F/22-23/09	Practices' of Nurses in the Management of Peripheral Intravenous Catheter (PIVC) and incidence of PIVC failure – A Descriptive Study	Dr L Anand Reader/Associate Professor College of Nursing	1. Dr. L Anand 2. Dr. Asha.P.Shetty 3. Dr. Mahalingam Venkatesan
10	T/IM-F/22-23/10	The prevalence of frailty and its association with the household level food insecurity in older adults at the community setting-A cross sectional study from Tangi Block Khurda	Dr Abhisek Mishra Assistant Professor Department of CMFM	1. Dr Swayam P Parida 2. Dr Arvind Kumar Singh
11	T/IM-F/22-23/11	Predictors of prolonged hypoglycemia in early neonatal period: a hospital-based case control study	Dr Tanushree Sahoo Assistant Professor Department of Neonatology	1. Dr Suchanda Sahu 2. Dr Pankaj Ku Mohanty 3. Dr Amit Kumar Satpathy
12	T/IM-F/22-23/12	A study on comprehensive genomic profiling in advanced penile squamous cell carcinoma using the targeted next generation gene sequencing : a single centre non interventional observational study in Indian patients.	Dr Sourav Kumar Mishra Associate Professor Department of Medical Oncology/ Haematology	1. Dr Suvendu Purkait 2. Dr Dillip Kumar Muduly 3. Dr Prasant Nayak 4. Dr Sandeep Barik 5. Dr S Manwar Ali
13	T/IM-F/22-23/13	The frequency of PIK3CA mutations in metastatic breast cancer and their clinicopathologic and prognostic correlations: a prospective, single centre non interventional study in Indian patients.	Dr Ilvarasi Vanidassane Assistant Professor Department of Medical Oncology/ Haematology	1. Dr Sourav Kumar Mishra 2. Dr Dillip Kumar Muduly 3. Dr Pritinanda Mishra 4. Dr Mukund N Sable 5. Dr Biswajit Sahoo 6. Dr Sandip Barik 7. Dr S Manwar Ali
14	T/IM-F/22-23/14	Role of baseline liver and splenic stiffness in predicting improved liver function in patients with cirrhosis following balloon or plug-assisted retrograde transvenous obliteration (BROTO/PARTO) of the gastroduodenal (GD)/gastro-spleno-renal (GSR) shunt	Dr Ranjan Kumar Patel Assistant Professor Department of Radiodiagnosis	1. Dr Manas Kumar Panigrahi 2. Dr Hemanta Kumar Nayak 3. Dr Bramhadatta Pattnaik 4. Dr Abhisek Mishra 5. Dr Taraprasad Tripathy 6. Dr Biswajit Sahoo

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15	T/IM-F/22-23/15	Role of Eplerenone to prevent development of recurrent and chronic central serous chorioretinopathy: A randomized controlled study	Dr Priyadarshini Mishra Associate Professor Department of Ophthalmology	1. Dr Sandip Kumar Sahu 2. Dr Bhagabat Nayak 3. Dr Sucheta Parija 4. Dr Bruttendu Maharana 5. Dr Bijanya Birajita Panda 6. Dr Niranjana Jena
16	T/IM-F/22-23/16	Video intubation stylet versus Macintosh laryngoscope for endotracheal intubation during cardiopulmonary resuscitation: a randomized controlled trial	Dr Upendra Hansda Associate Professor Department of T&EM	1. Dr Sangeeta Sahoo
17	T/IM-F/22-23/17	Immunohistochemical expression of plasmacytoid dendritic cell markers in cutaneous lupus erythematosus and their correlation with disease activity.	Dr Pavithra A. Assistant Professor Department of Pathology & Lab Medicine	1. Dr Madhusmita Sethy 2. Dr Biswanath Behera
18	T/IM-F/22-23/18	Neurovascular coupling in treatment resistant depression: Role of nitric oxide.	Dr Kalpana K Barhwal Associate Professor Department of Physiology	1. Dr Suravi Patra 2. Dr Kanhaiyala Agrawal 3. Dr B N Rao
19	T/IM-F/22-23/19	Analysis of urinary Microbiomes and associated alteration in host genome in Urethral Stricture Disease – A Pilot Study	Dr Sambit Tripathy Assistant Professor Department of Urology	1. Dr Balamurugan Ramadass 2. Dr Prasant Nayak 3. Dr Abhay Singh (SR)
20	T/IM-F/22-23/20	Estimation of concentration of neurotoxic heavy metals in plasma and cerebrospinal fluid (CSF) of patients with amyotrophic lateral sclerosis (ALS) - a case control study	Dr Priyanka Samal Assistant Professor Department of Neurology	1. Dr Sanjeev Kumar Bhoi 2. Dr Menka Jha 3. Dr Gautam Kumar Saharia 4. Dr Rojalin Pattnayak 5. Dr Suprava Naik
21	T/IM-F/22-23/21	Screening of platelet aggregation inhibition activity by different polyphenols and exploring their synergistic antiplatelet action with Aspirin, clopidogrel, ticagrelor, and 67kDa Laminin Receptor	Dr Debasish Mishra Assistant Professor Department of Transfusion Medicine	1. Dr Amit Ghosh 2. Dr Satya Prakash 3. Dr Debananda Sahoo
22	T/IM-F/22-23/22	Efficacy and safety of oral eltrombopag in reduction of bleeding and platelet transfusion in pediatric acute lymphoblastic leukemia: A double blinded placebo-controlled trial.	Dr Debasish Sahoo Assistant Professor Department of Medical Oncology/ Haematology	1. Dr Sonali Mohapatra 2. Dr Anand Srinivasan

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23	T/IM-F/22-23/23	Usage of intra articular hyaluronic acid vs placebo after bilateral total knee arthroplasty a double blinded randomized controlled study.	Dr Neradi Deepak Assistant Professor Department of Orthopedics	1. Dr Sujit Kumar Tripathy 2. Dr Paulson Varghese (SR)
24	T/IM-F/22-23/24	To Analyse the Use of App Based Clinometer and Laser Level in Deciding the Correctness of Bony Cuts Made During a Total Knee Replacement.	Dr Gunjar Jain Assistant Professor Department of Orthopedics	1. Dr Bishnu Patro 2. Dr Paulson Varghese (SR)
25	T/IM-F/22-23/25	Smoking Induced Histo-morphologic Changes in The Pancreas- A Pilot Study.	Dr Sindhu Sudha Sahu Assistant Professor Department of FM&T	1. Dr Sudipta Ranjan Singh 2. Dr Susama Patra 3. Dr Suvendu Purkait
26	T/IM-F/22-23/26	Assessment of tumour mutation burden in children with newly diagnosed acute lymphoblastic leukemia.	Dr Sonali Mohapatra Associate Professor Department of Medical Oncology/ Haematology	1. Dr Debasish Sahoo 2. Dr Somanath Padhi
27	T/IM-F/22-23/27	Expression of Histamine receptors in Glioblastoma and its correlation with tumor immune microenvironment and high endothelial venule	Dr Suvendu Purkait Associate Professor Pathology & Lab Medicine	1. Dr Mukund N Sable 2. Dr Rabi Narayan Sahu
28	T/IM-F/22-23/28	Biomarker Response Assessment based on the detection of Circulating tumour DNA in the patients primarily diagnosed with Nonmetastatic Triple negative breast cancer.	Dr Sudhakar G Assistant Professor Department of Surgical Oncology	1. Dr Madhabananda Kar 2. Dr Dillip Kumar Muduly 3. Dr Amit Ghosh 4. Dr Mukund N Sable 5. Dr Sourav Kumar Mishra 6. Dr Ilavarasi Vanidassane
29	T/IM-F/22-23/29	Tumor to liver density difference on noncontrast computed tomography after post conventional transarterial chemoembolization of hepatocellular carcinoma is a predictor of complete response.	Dr Sudipta Mohakud Associate Professor Department of Radiodiagnosis	1. Dr. Manas Kumar Panigrahi 2. Dr. Brahmadata Pattnaik 3. Dr. Madhabananda Kar 4. Dr. Taraprasad Tripathy 5. Dr. Ranjan Patel
30	T/IM-F/22-23/30	“Study of genetic basis of left ventricular dysfunction in mitral regurgitation and correlation of expressed genes with reverse remodelling effect of carvedilol in post operative mitral valve replacement patients”	Dr Satyapriya Mohanty Associate Professor Department of CTVS	1. DR. RAMCHANDRA BARIK 2. DR. SUCHANDA SAHU 3. DR. MUKUND NAMDEV SABLE

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31	T/IM-F/22-23/31	Prevalence and Clinicopathological characterisation of H3G34 mutant Diffuse Gliomas.	Dr Vasundhara S Rangan Assistant Professor Department of Neurosurgery	1. Dr. Suvendu Purkait
32	T/IM-F/22-23/32	Histopathological changes in submandibular gland and carotid artery in cases of death due to fatal neck compression: A case control study.	Dr Rajanikanta Swain Assistant Professor Department of FM&T	1. Dr Sudipta Kumar Singh 2. Dr Amit Kumar Adhya