



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
MAULANA AZAD MEDICAL COLLEGE
BAHADUR SHAH ZAFAR MARG: NEW DELHI
(PLANNING BRANCH) PHONE: 23215324
Email: plgofficer.mamc@gmail.com

No.F.1(384)/MC/Plg./2023-24/13715
C.D.No. 000739180

Dated: 05 July, 2023

SANCTION

Expenditure sanction of competent authority, Govt. of NCT of Delhi is hereby conveyed for an amount of Rs.1856056/- (Rs. Eighteen Lakh Fifty Six Thousand & Fifty Six Only) to incur expenditure for undertaking the following 50 Research Activities (Thesis/Study) (Batch 2022) & revalidation of expenditure sanction of Rs. 1,42,934/- (One lakh Forty Two Thousand Nine Hundred & Thirty Four only) for 05 Research Activities to be undertaken by PG students (Batch-2021) of 12 different departments of MAMC during the F.Y. 2023-24 under Annual Budget of MAMC under the Scheme "Strengthening of Medical Research". The details of the Research Activities (Thesis/Studies) are as under:-

A. 50 Research Activities (Batch - 2022)

Sr. No.	Name of the Department & Name of the PG Students	Subject of Thesis/Study	Amount in Rs.	Guide of the Thesis/Study
1	GNEC Dr. Apporva Goyal, PG-I	Evaluation of Optical coherence tomography angiography parameters following use of anti vascular endothelial growth factor biosimilar in branch retinal vein occlusion	35700	Dr. Punita K Sodhi, Director Professor, Department of Ophthalmology, GNEC
2	GNEC Dr. Miyani Hitenkumar Parvinbhai, PG-I	Evaluation of Optical coherence tomography angiography parameters following use of anti vascular endothelial growth factor in central serous chorioretinopathy	35700	Dr. Punita K Sodhi, Director Professor, Department of Ophthalmology, GNEC
3	Anaesthesiology Dr. Pendum Chindu Kumar, PG-I	Comparison of efficacy of ultra-sound guided peri-capsular nerve group block with and without lateral cutaneous femoral nerve block for postoperative analgesia in patients undergoing fracture hip surgery	40000	Dr. Rahil Singh, Associate Professor, Department of Anaesthesiology
4	Anaesthesiology Dr. Ankur Sharma, PG-I	Comparison of Ultrasound-guided Erector Spinae plane block versus Subcostal transversus abdominis block for post-operative analgesia in patients undergoing laproscopic cholecystectomy.	38880	Dr. Lalit Gupta, Associate Professor, Department of Anaesthesiology
5	Anaesthesiology Dr. Samikshya Suman, PG-I	Association of genetic polymorphisms of GABBA1 and GABRA2 genes and hemodynamic responses to propofol in patients undergoing general anaesthesia	39720	Dr. Kirti N Saxena, Director Professor & Head, Department of Anaesthesiology
6	Anaesthesiology Dr. Shalini Chaudhary, PG-I	Comparison of modified thoracoabdominal nerve block via perichondral approach with port site local infiltration for post operative analgesia after laparoscopic cholecystectomy : a randomized controlled study.	33120	Dr. Sukhyanti Keral, Associate Professor, Department of Anaesthesiology
7	Anaesthesiology Dr. Bhinde Kuber Jignesh, PG-I	Comparative evaluation of deep versus superficial erector spinae plane blocks for post-operative analgesia in modified radical mastectomy	40000	Dr. Kirti N Saxena, Director Professor & Head, Department of Anaesthesiology
8	Anaesthesiology Dr. Nistha Narang, PG-I	Comparative evaluation of ultrasound guided erector spinae plane block and transversus abdominis plane block for post operative analgesia in lower segment caesarean section under subarachnoid block	38880	Dr. Sonia Wadhawan, Director Professor, Department of Anaesthesiology
9	Anaesthesiology Dr. Priyanka, PG-I	Ultrasonographic evaluation of early respiratory muscle strength recovery following neuromuscular reversal with Neostigmine versus sugammadex	40000	Dr. Bharti Wadhwa, Director Professor, Department of Anaesthesiology

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10	Anaesthesiology Dr. Kirti Mehra, PG-I	Evaluation of inflammatory response of dexmedetomidine-Lignocaine based opioid free anaesthesia	40000	Dr. Bharti Wadhwa, Director Professor, Department of Anaesthesiology
11	Obst. & Gynae Dr. Himakshi Boro, PG-II	Antiphospholipid syndrome in pre-eclampsia with severe features and fetal growth restriction	40000	Dr. Sangeeta Gupta, Director Professor, Department of Obst. & Gynae
12	Obst. & Gynae Dr. Anushka Gupta, PG-II	Evaluation of diagnostic accuracy of hysteroscopy and immunohistochemistry to diagnose chronic endometritis in patients of infertility	40000	Dr. Renu Tanwar, Professor, Department of Obst. & Gynae
13	Pathology Dr. Somya Mishra, PG-I	Expression of aldh1a1 and nanog in squamous cell carcinoma of cervix	40000	Dr. Sharmana Mandal, Professor, Department of Pathology
14	Pathology Dr. Shaad Vali, PG-I	Expression of methylenetetrahydrofolate reductase (MTHFR) C677T Gene polymorphism in breast cancer: a case-control study	40000	Dr. Reena Tomar, Professor, Department of Pathology
15	Pathology Dr. Tapan Jyoti Saikia, PG-I	Study of circulating microRNA 200C in ovarian neoplasms	39200	Dr. Khurajam Bembem, Associate Professor, Department of Pathology
16	Pathology Dr. Nikhil Jindal, PG-I	Association of angiogenesis & hormone receptors (Estrogen & Progesterone) in leiomyoma of uterus: an immunohistochemical study	40000	Dr. Nita Khurana, Director Professor & Head, Department of Pathology
17	Pathology Dr. Jennifer Kimnuntluangi, PG-I	EGFR mutation, EGFR and VEGF expression in fine needle aspiration cytology samples in metastatic oral squamous cell carcinoma	38463	Dr. Meeta Singh, Professor, Department of Pathology
18	Pathology Dr. Irfana Nisam, PG-I	Immunohistochemical expression of aldh1a1 and Nanog in urinary bladder carcinoma	40000	Dr. Varuna Mallia, Professor, Department of Pathology
19	Bio-Chemistry Dr. Chaiwang P. Konyak, PG-I	Association of dietary habits on regulatory T cell heterogeneity in autoimmune thyroid disorder in children	38466	Dr. Binita Goswami, Professor, Department of Bio-chemistry
20	Bio-Chemistry Dr. Aparna Ajith S, PG-I	Evaluation of whole blood miRNA-128 as a biomarker of glioma	40000	Dr. Anubhuti, Professor, Department of Bio-Chemistry
21	Bio-Chemistry Dr. Divya Ahuja, PG-I	Association of sub-chronic pesticide exposure with aging in healthy subjects	39200	Dr. Binita Goswami, Professor, Department of Bio-chemistry
22	Bio-Chemistry Dr. Johncy George, PG-I	Association of single nucleotide polymorphism of uric acid transporter gene, SLC2A9, rs1014290, with early onset pre-eclampsia in Indian population	40000	Dr. Ekta Debnath, Professor, Department of Bio-Chemistry
23	Bio-Chemistry Dr. Ashok Chaudhary, PG-I	Evaluation of CD8+ T-Cell, Regulatory T-cell count and immunoglobulin (IgA, IgG and IgM) levels in patients with major depressive disorder.	40000	Dr. Bidhan Chandra Koner, Director Professor & Head, Department of Bio-Chemistry
24	Bio-Chemistry Dr. Madhumita Surulirajan, PG-I	Evaluation of CD4+ T-cell count and its subsets (Th1, Th2 & Th17) in patients with major depressive disorder	40000	Dr. Lal Chandra, Director Professor, Department of Bio-Chemistry
25	Bio-Chemistry Dr. Prabhat Kaushal, PG-I	Association of serum level of cortisol, IL-6, dopamine and serotonin with cognitive function in people living with haemophilia.	32238	Dr. Smita Kaushik, Director Professor, Department of Bio-Chemistry

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26	Pediatrics Dr. Satyam Gupta, PG-I	Comparison of urinary metabolomics in children with autism spectrum disorder with that in typically developing children	40000	Dr. Monica Juneja, Director Professor & Head, Department of Pediatrics
27	Pediatrics Dr. Iram Mujeeb, PG-I	Markers of bone mineral metabolism in children and adolescents with congenital adrenal hyperplasia	40000	Dr. Seema Kapoor, Director Professor, Department of Pediatrics
28	Pediatrics Dr. Anuj Kumar, PG-I	Relation of serum leptin levels with severity of autism spectrum disorder in children	21240	Dr. Monica Juneja, Director Professor & Head, Department of Pediatrics
29	Pediatrics Dr. Shreya Gupta, PG-I	Urinary gluten immunogenic peptide as a biomarker for monitoring adherence to diet in children with celiac disease	40000	Dr. Seema Kapoor, Director Professor, Department of Pediatrics
30	Pharmacology Dr. Vineet Kaura, PG-I	Evaluation of the effect of rosuvastatin and withania somnifera on memory in aged laboratory rats	38500	Dr. Vandana Roy, Director Professor & Head, Department of Pharmacology
31	Pharmacology Dr. Kodiatar Ajay Lakhu, PG-I	Evaluation of antidiabetic potential of gymnema sylvestre and Metformin combination in Streptozocin induced diabetic rats	40000	Dr. Niket Rai, Associate Professor, Department of Pharmacology
32	Pharmacology Dr. Kaushik Mandal, PG-I	Evaluation of neuroprotective effect of dapagliflozin in scopolamine induced cognitive impairment in rats	40000	Dr. Shalini Chawla, Director Professor, Department of Pharmacology
33	Pharmacology Dr. Arun Ghosh, PG-I	Evaluation of antidepressant like effect of rosuvastatin and its association with brain derived neurotrophic factor (BDNF) & serotonergic transmission in BALB/c mice	40000	Dr. Vandana Tayal, Professor, Department of Pharmacology
34	Radiotherapy Dr. Jeevesh Verma, PG-I	Biodosimetric evaluation of response to concurrent chemoradiation with weekly or three weekly cisplatin in head and neck squamous cell carcinoma patients	40000	Dr. Arun Kumar Rathi, Director Professor & Head, Department of Radiotherapy
35	Radiotherapy Dr. Deepti Sikha Mishra, PG-I	Effect of Tumour infiltrating lymphocytes on response to chemoradiation in locally advanced head & Neck squamous cell carcinoma	33600	Dr. Arunita Srivastava, Professor, Department of Radiotherapy
36	Radiotherapy Dr. Renuka, PG-I	Effect of tumour infiltrating lymphocytes on response to radical chemoradiation in cervical cancer patients	33600	Dr. Arunita Srivastava, Professor, Department of Radiotherapy
37	Physiology Dr. Tangirala Siva Sankar Reddy, PG-I	The effect of a brief heart rate variability biofeedback session on salivary cortisol, electrodermal activity and cardiovascular reactivity to mental stress	33600	Dr. Mona Bedi, Director Professor, Department of Physiology
38	Physiology Dr. Sushant Shekhar Katiyar, PG-I	Comparison of cognition, personality and psychological health parameters between action and puzzle mobile-gamers	40000	Dr. Preeti Jain, Professor, Department of Physiology
39	Physiology Dr. Neethu Marry George, PG-I	A study of thyroid function tests and inflammatory response markers in acute myocardial infarction patients	40000	Dr. Dayaram Haldwani, Director Professor & Ex-HOD, Department of Physiology
40	ENT Dr. Akash M Lal, PG-I	Evaluation of efficacy of macrolides in eradication of biofilms in patients of chronic rhinosinusitis	15674	Dr. H.C. Taneja, Director Professor & Head, Department of ENT
41	Pathology Dr. Mohit Kumar, PG-I	Expression of CD45RO and CD45RA by flowcytometry in Pediatric Primary Immunodeficiency cases and its correlation with molecular pathways using RAG1, RAG2 & TREC genes	40000	Dr. Sarika Singh, Professor, Department of Pathology
42	Anatomy Dr. Urmimala Maji, PG-I	Association of serum Galectin-3 levels in gestational diabetes mellitus with placental histomorphological changes	40000	Dr. Babita Pangtey, Professor, Department of Anatomy

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43	Anatomy Dr. Syeed Murtaza Ahmed, PG-I	Effect of air pollution on morphology of trachea and extrapulmonary bronchi in Delhi NCR: A Cadaveric Study	40000	Dr. Swati Tiwari, Associate Professor, Department of Anatomy
44	Anatomy Dr. Ritesh Kumar Sharma, PG-I	Association of serum vascular endothelial growth factor levels in pre-eclampsia with placental histomorphological changes	40000	Dr. Preeti Goswami, Professor, Department of Anatomy
45	Anatomy Dr. Mungara Jhansi Lakshmi Bai, PG-I	Effect of air pollution on morphology of lungs in Delhi NCR : A Cadaveric Study	40000	Dr. Sabita Mishra, Director Professor & Head, Department of Anatomy
46	Anatomy Dr. Ilyas Ahmad Shah, PG-I	Cytogenetic and molecular genetic profiling of y chromosome (AZF Region) in north indian male partner of infertile couples with non-obstructive azoospermia and oligozoospermia	40000	Dr. Dinesh Kumar, Director Professor, Department of Anatomy
47	Anaesthesiology Dr. Anuradha Dialani, PG-I *	Comparative evaluation of the effect of an eye mask and music on Midazolam requirement for bispectral index (BIS) guided sedation during spinal anaesthesia	24174	Dr. Lalit Gupta, Associate Professor, Department of Anaesthesiology
48	Anaesthesiology Dr. Garvita Bhatnager, PG-I *	Comparative evaluation of virtual reality and augmented reality as distraction techniques on preoperative anxiety in paediatric patients.	6143	Dr. Kapil Chaudhary, Associate Professor, Department of Anaesthesiology
49	Community Medicine Dr. Pappu Prasad Shah, PG-I *	m-Health intervention for physical activity among type 2 diabetes mellitus patients : a facility based study	39958	Dr. Nidhi Bhatnagar, Associate Professor, Department of Community Medicine
50	Community Medicine Dr. Praveenkumar KR, PG-I*	Effectiveness of skill based training on knowledge, attitude and practice of basic life support among community health workers	40000	Dr. Shivani Rao, Associate Professor, Department of Community Medicine
		Total	1856056	

B. Revalidation of 05 Research Activities (Batch - 2021)

Sr. No.	Name of Department & PG Students	Project Sanction Year	Amount Revalidated in F.Y. 2023-24
1	Department of Anaesthesiology Dr. Ezhukattil Reshma James, PG-I	2022-23	34496
2	Department of Pathology Dr. Pushpit, PG-I	2022-23	17,920/-
3	Department of Pathology Dr. Mariana Chartian, PG-I	2022-23	21400
4	Department of Pediatrics Dr. Poornima Mittal PG-I	2022-23	30001
5	Department of Microbiology Dr. Hemant Saikia, PG-I	2022-23	39117
	Total 05 Research Activities	Total	142934

This sanction is subject to the following conditions:-

1. That the funds are available during current F.Y. 2023-24.
2. That all the codal formalities would be observed by the Purchase Branch.
3. That the provisions of GFR 2017, GOI/GNCTD guidelines issued from time to time and ensuring due diligence and financial propriety should be followed by the Purchase Branch.
4. That the directions of CPA will be followed while procurement of Kits/Chemicals.
5. That only those kits/chemicals which have been approved by the screening committee as per the protocol of study/thesis submitted by the student, would be procured from the sanctioned funds.
6. No further revalidation of expenditure sanction will be concurred by competent authority, if the sanction is not utilized in the current financial year.
7. In the above mentioned table Sr. No. 47* to 50* HOD shall ensure that these PG students, should deposit their Kit /Equipment in their concerned department after completion of their thesis.

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8. All the above mentioned PG students should submit an undertaking regarding Utilization of Funds & get the NOC from the Planning Branch, MAMC before submitting their thesis in Academic Branch, MAMC.

The expenditure on this account is debit to the Major Head "2210" 05 (99) (77) (21) Material and Supplies under Govt. of NCT of Delhi Demand No.7 for the year 2023-24 and under the Scheme "Strengthening of Medical Research" of MAMC.

This issues with the concurrence of Secretary, Health & Family Welfare, GNCTD vide diary No. 000739180 dated 27.06.2023.

ADMINISTRATIVE OFFICER/H.O.O.

No.F.1(384)/MC/Plg./2023-24/
C.D.No. 000739180

Dated:

July, 2023

Copy forwarded for information and necessary action to:-

1. A.G. (Audit), AGCR Building, IP Estate, New Delhi.
2. Dy. Secy.(Fin); 4th Level, Delhi Sectt., New Delhi.
3. PAO XV, LN Hospital Complex, New Delhi.
4. Audit Officer, Dte. of Audit, 4th Level, Delhi Sectt., New Delhi.
5. PAO, Internal Audit Cell, New Delhi.
6. HODs Concerned, MAMC, New Delhi.
7. **Concerned Guide/Supervisor of PG Students**, with the request to submit the demand for kits and chemicals for use in Research Activities to the Store Officer immediately clearly mentioning therein the source of Kits/Chemicals (i.e. Indian or Imported) , and to comply with the directions of Finance/Planning Deptt., GNCTD as mentioned above in point 3 and to submit the completion report to the Dean through their Head of Department. The concerned guide should also liaise with the Purchase Officer and Store Officer to avoid any delay in procurement of Kits/Chemicals for Research Activities. Demand for only those kits/chemicals which have been approved by the screening committee as per the protocol of study/thesis submitted by the student should be submitted for procurement from the sanctioned funds.
8. **Purchase Officer, MAMC** with the request to procure the kits/chemicals for use in Research Activities (Thesis/Studies) at the earliest and also to comply with the directions of Planning/Finance Deptt., GNCTD as mentioned at point 1 to 5 above. Purchase Branch should mention the source of kits/chemicals in the supply order issued to the concerned supplier and also to ensure that the kits/chemicals are supplied to the Central store of MAMC within reasonable time. Purchase Officer should also liaise with the Store Officer and concerned guide of PG students to avoid any delay in procurement of Kits/chemicals for the Research Activities. Purchase Officer should also ensure that only those kits/chemicals which have been approved by the screening committee, as per the protocol of study/thesis submitted by the student, are procured from the sanctioned funds.
9. DDO/Accounts Officer, MAMC, New Delhi.
10. **Store Officer, MAMC**, New Delhi with the request to forward the demand for purchase of kits and chemicals received from the Guide/Supervisor of PG Student to the Purchase Branch immediately for procurement of the same. The Store Officer shall ensure that the bills are submitted to Purchase Officer within 10 days of receipt of Kits/Chemicals. Store Officer should also liaise with the Purchase Officer and concerned guide of PG students to avoid any delay in procurement of Kits/Chemicals for the Research Activities.
- ✓ 11. Incharge, LAN & Server, MAMC, New Delhi with the request to upload the sanction on the website of MAMC, New Delhi.
12. Guard File.

ADMINISTRATIVE OFFICER/H.O.O.