



RESEARCH CELL, Dr. RMLIMS

Faculty In charge: Prof. Pradyumn Singh, *Dean.*

Sub-Dean research: Prof. Riru Karoli (MD)

Attached to ResearchCell: Dr. Nuzhat Jahan Faridi (PhD)

Advisor Account officer: Mr.Santosh Kumar Srivastava

Role of Research cell

1. Management of Extramural research projects – funds and personnel
2. Management of Intramural research projects – presentations, approvals, selection, fund management
3. Organising meeting of Research Committee, Ethics Committee and agenda preparation of this committee
4. Management of PhD courses (planned): advertisement, admissions, presentations, foundation courses, examinations
5. To initiate MOU with existing medical and research laboratories of national repute in the city and adjacent area.

The Research Cell is located in the Administrative Block where meetings and presentations are held.

MEMBERS OF INSTITUTIONAL RESEARCH COMMITTEE (2021-24)

S. No.	Name	Department	Institution	Role
1.	Prof. C.M. Singh (Director)	-	RMLIMS, Lko	Chairman
2.	Prof. Pradyumn Singh (Dean)	-	RMLIMS, Lko	Member-Secretary
3.	Dr. Ritu Karoli	General Medicine	RMLIMS, Lko	Co-Member Secretary
4.	Dr. Puneeta Lal	Radiotherapy	SGPGIMS, Lko	Member
5.	Dr. Aditya Kapoor	Cardiology	SGPGIMS, Lko	Member
6.	Dr. Uttam Singh	Biostatistics & Health Informatics	SGPGIMS, Lko	Member
7.	Dr. C.P. Chaturvedi	Stem Cell Research Centre	SGPGIMS, Lko	Member
8.	Dr. Hardeep Singh Malhotra	Neurology	KGMU, Lko	Member
9.	Dr. Jyotsna Agarwal	Microbiology	RMLIMS, Lko	Member
10.	Dr. Akash Agarwal	Surgical Oncology	RMLIMS, Lko	Member
11.	Dr. Arvind Kumar Singh	Community Medicine	RMLIMS, Lko	Member
12.	Dr. Swagat Mahapatra	Orthopaedics	RMLIMS, Lko	Member



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MEMBERS OF INSTITUTIONAL ETHICS COMMITTEE (2023-2026):

S.no	Name of Members	Department & Designation	Affiliated	Role of Members
1.	Prof. Arun Chaturvedi	Ex-Prof. and Head, Dept. of Surgical Oncology, KGMU, Lko.	Not-Affiliated	Chairman
2.	Prof. Pradyumn Singh	Dept. of Pathology RMLIMS, Lko.	Affiliated	(Dean) Member- Secretary



3.	Dr. Ritu Karoli	Prof. (Jr.gr.), Dept. of Medicine, RMLIMS, Lko	Affiliated	Co-Member Secretary
4.	Prof. Vineet Sharma	Dept. of Orthopaedic, KGMU, Lko	Not Affiliated	Clinician
5.	Prof. Vinita Das,	Dept. of Obse & Gyne, KGMU, Lko.	Not Affiliated	Clinician
6.	Prof. Rohini Khurana	Dept. of Radiation Oncology, RMLIMS, Lko.	Affiliated	Clinician
7.	Prof. Vinita Agarwal	Dept. of Pathology, SGPGIMS, Lko.	Not-Affiliated	Basic Medical Scientist
8.	Dr. Arpita Singh	Prof.(Jr.gr.), Dept. of Pharmacology, RMLIMS, Lko.	Affiliated	Basic Medical Scientist
9.	Prof. Rakesh Kumar Dixit	Dept. of Pharmacology & Therapeutics, KGMU, Lko.	Not Affiliated	Pharmacology
10.	Dr. Saurabh Paliwal	(M.S.W,Ph.D.) Lecturer at Vidyant College, Lko.	Not Affiliated	Social Worker
11.	Mrs. Meena Jauhari	(Public Relation Officer), RMLIMS, Lko.	Affiliated	Social Worker
12.	Adv Anupras Singh	(BE, LLB), High Court, Lko.	Not Affiliated	Legal Advisor
13.	Hon'ble Justice S.C. Verma(Expired)	High Court	Not Affiliated	Legal Advisor
14.	Mr. Deepak Sinha	Advisor, IIT Kanpur.	Not Affiliated	Lay person
15.	Mr. Ritesh Saxena	MBA, MDP from IIM, Lko.	Not Affiliated	Lay person

ACTIVITES AT RESEARCH CELL

INTRAMURAL RESEARCH PROJECTS: Intramural grants for faculty are given every year. In the year 2011,8 intramural projects were sanctioned,6 are completed, 1 is extended. 5 New intramural projects have been sanctioned in March 2013, 6 were sanctioned in October 2013, 7 new intramural projects were sanctioned in October 2014, 1 was sanctioned in March 2015, 5 projects were sanctioned in March 2016, 9 projects were sanctioned in March 2017, 7 projects were sanctioned in March 2018, 9 projects were sanctioned in 2019, 5 projects (Covid-19) were sanctioned in July, 2020,7 projects were sanctioned in 24th march 2021, 13 projects were sanctioned in 29th Sept.2022, 15 project were in 27th Feb.2023 and 13 projects were sanctioned in 1st July, 2024.



A. Total Intramural proposals awarded till date-122

Completed project till date-86

S. No	IEC No	Title of the Project	Principal Investigator
1	11/11	EGFR and HER-2/neu expression in Gall bladder carcinoma	Dr. Rahat Hadi, <i>Dept. of Radiation Oncology.</i>
2	12/11	Assessment of Cisplatin associated nephro toxicity in treatment of cancer patients	Dr. Rohini Khurana, <i>Dept. of Radiation Oncology.</i>
3	14/11	Metabolic study in body fluids for differentiation of Meningitis in adults: A pilot study	Dr. Ajay kumar Singh, <i>Dept. of Neurology.</i>
4	15/11	Co-inheritance of Factor V Leiden in patients of inherited Hemophilia A in India	Dr. Namrata Punit Awasthi, <i>Dept. of Pathology.</i>
5	16/11	CD133, CD24 and Oct-4 in Oral Cancer- Effects on Chemoradiation Response	Dr. Nuzhat Husain, <i>Dept. of Pathology.</i>
6	18/11	Metabolomic study in urine for marker exploration in adults with urosepsis: A Pilot Study	Dr. Manodeep Sen, <i>Dept of Microbiology.</i>
7	19/11	Comparison of clinical outcomes and cost analysis of different techniques of patent ductusarteriosus closure - A multicentric trial	Dr. Dharmendra K.Srivastava <i>Dept. of Cardiovascular and Thoracic Surgery.</i>
8	2/13	A study of association of salmonella typhi with carcinoma gall bladder in typhoid endemic area with molecular technique: A Pilot Study	Dr. Vineeta Mittal, <i>Dept. of Microbiology.</i>
9	3/13	Serum Anti-AQP4 antibody and Cerebral Spinal Fluid Glial Fibrillary Acidic Protein in idiopathic inflammatory demyelinating disorders of the central Nervous system- A correlative analysis	Dr. Kiran Preet Malhotra, <i>Dept. of Pathology.</i>
10	4/13	Cost effectiveness analysis of screening for Congenital hypothyroidism in neonates in India	Dr. Vandana Tiwari, <i>Dept. of Biochemistry.</i>
11	5/13	Evaluation of Polymerase Chain Reaction in Nerve Biopsy Specimens of Patients with Hansen's disease – Assessment in cases with Mononeuritis Multiplex/ Simplex	Dr. Dinkar Kulshreshtha, <i>Dept. of Neurology.</i>
12	6/13	Pre- and post- treatment analysis of cytogenetic abnormalities in chronic myeloid leukemia.	Dr. Pradyumn Singh, <i>Dept. of Pathology.</i>
13	12/13	Evaluation of prognostic and predictive value of CA19-9 and CA242 in gallbladder cancer	Dr. Akash Agarwal, <i>Dept. of Surgical Oncology.</i>
14	13/13	Study of Gall Bladder Cancer: A Diagnostic Evaluation of Circulating Free DNA and Circulating Tumor Cells	Dr. Subrat Chandra, <i>Dept. of Pathology.</i>
15	14/13	To evaluate the efficacy of Benzylamine hydrochloride in radiation induced oral mucositis among head and neck cancer patients treated with radical dose of radiotherapy with or without chemotherapy	Dr. Madhup Rastogi, <i>Dept. of Radiation Oncology.</i>
16	15/13	Comparative analysis of Immunohistochemistry (IHC) and Fluorescent in situ hybridization (FISH) for	Dr. Saumya Shukla, <i>Dept. of Pathology.</i>



		detection of Anaplastic Lymphoma Kinase (ALK) gene rearrangement in adenocarcinoma lung- A pilot study ”	
17	17/13	Fine needle aspirate of lymph nodes and use of adjunct diagnostic modalities in the diagnosis of non- Hodgkin lymphomas	Dr. Anurag Gupta, <i>Dept. of Pathology.</i>
18	22/14	Biomarkers exploration using H NMR spectroscopy for diagnosis of cryptococcalmeningitits in adults-A pilot study	Dr. Manodeep Sen, <i>Dept. of Microbiology.</i>
19	23/14	Immunophenotypic characterization of normal and abnormal plasma cells in bone marrow samples of multiple myeloma patients by 4-colour flow cytometry	Dr. Namrata P. Awasthi, <i>Dept. of Pathology.</i>
20	25/14	The relationship between blood cell parameters and vascular calcification in end stage renal disease patients	Dr. Abhilash Chandra, <i>Dept. of Nephrology.</i>
21	26/14	A study of depression after stroke and its correlation with SPECT: A prospective cross sectional study.	Dr. Pradeep K. Maurya, <i>Dept. of Neurology.</i>
22	27/14	Proton MR metabolism study in Serum and Urine for differentiating fertility and staging of Intra-abdominal hydatid cyst in adults- A pilot study	Dr. Anshuman Pandey, <i>Dept. of Gastro-Surgery. .</i>
23	1/15	Estimation of Perilesional Blood Flow in Hypertensive IntracerebralHemorrhage : A Descriptive study	Dr. Anup Kumar Thacker, <i>Dept. of Neurology.</i>
24	28/15	Evaluation of changes in cell free tumor DNA levels in locally advanced head and neck cancer patients undergoing radiotherapy	Dr. Vandana Tiwari, <i>Dept. of Biochemistry.</i>
25	30/15	Assessment of Histopathological Markers of lepra Reactions in skin Biopsies	Dr. Kiran Preet Malhotra, <i>Dept. of Pathology.</i>
26	32/15	Detection of novel and known EGFR mutations in lung adenocarcinoma by DNA sequencing	Prof. Nuzhat Husain, <i>Dept of Pathology.</i>
27	33/15	The role of MSI as a prognostic marker in colorectal cancer	Dr. Smita Chauhan, <i>Dept of Surgical Gastroenterology.</i>
28	34/15	Heterogeneity in Diffuse Large B-Cell lymphoma-a study on the Cell-of-origin subtypes and their prognostic significance	Dr. Pradyumn Singh, <i>Dept of Pathology.</i>
29	1/16	A study on evaluation of serological methods with molecular methods in patients of clinically suspected Leptospirosis at Lucknow-A pilot study	Dr Vineeta Mittal, <i>Dept. of Microbiology.</i>
30	2/16	Prognostic and predictive value of stratifying adult gliomas using an integrated histological and molecular diagnostic approach.	Dr. Rohini Khurana, <i>Dept. of Radiation Oncology.</i>
31	3/16	Diagnostic value of BRAF ^{V600E} immunohistochemistryin thyroid aspirates in Bethesda category IV and papillary carcinoma thyroid.	Dr. Nidhi Anand, <i>Dept. of Pathology.</i>
32	4/16	Evaluation of Gene Expert as a diagnostic tool in patients with a clinical suspicion of tubercular meningitis	Dr. Dinkar Kulshreshtha, <i>Dept of Neurology.</i>



33	5/16	Evaluation of target volume coverage and dose reduction to organs at risk by MRI based image guided intracavitary brachytherapy using combined MRI-/ CT –planning technique with MRI only at first fraction for cervical cancer.	Dr. Madhup Rastogi, <i>Dept. of Radiation Oncology.</i>
34	6/16	Programmed cell death –ligand 1(PD-L1) expression in non-small cell lung cancer (NSCLC) and its correlation with driver mutations: A Pilot Study	Dr. Saumya Shukla, <i>Dept. of Pathology.</i>
35	8/16	Evaluation of gene Xpert MTB/RIF test as diagnostic tool for the diagnosis of spondylodyskitis with special reference to drug sensitivity in patients os suspected Poot’s spine	Dr. Ajai Kumar Singh, <i>Dept. of Neurology.</i>
36	9/16	Clinico-epidemiological study and Nuclear Magnetic Resonance metabolite profiling of Dermatophytic infections at a tertiary care level superspeciality institute in northern India	Dr. Anupam Das, <i>Dept. of Microbiology.</i>
37	10/16	Evaluation of predictive value of Cystatin C, VEGF-A and BDNF in acute ischemic stroke.	Dr. Manish Raj Kulshreshtha, <i>Dept. of Biochemistry.</i>
38	11/17	A pilot study of moderately hypofractionated whole pelvic radiotherapy with image guided high dose rate brachytherapy for locally advanced cervical carcinoma	Dr. Ajeet Kumar Gandhi, <i>Dept. of Radiation Oncology.</i>
39	12/17	KRAS and BRAF ^{V600E} protein over expression in adenocarcinoma lung and association with PD-L1 expression: A pilot study	Dr. Rahat Hadi, <i>Dept. of Radiation Oncology.</i>
40	13/17	Utility of pattern-based cytomorphological categorization and cell block-immunocytochemistry in the diagnostic workup of salivary gland tumors:A Pilot study	Dr. Anurag Gupta, <i>Dept. of Pathology.</i>
41	14/17	Serum procalcitonin essay in acute synovial effusion	Dr. Pankaj Aggarwal, <i>Dept of Orthopaedics.</i>
42	21/17	An assessment of changing pattern of seroepidemiology of Hepatitis A virus infection in endemic setting.	Prof. JyotsnaAgarwal, <i>Dept. of Microbiology.</i>
43	26/17	Autonomic function tests and electrophysiological evaluation including blink reflex and sympathetic skin response test in patients of episodic primary headache and NDPH	Dr Abdul Qavi, <i>Dept. of Neurology.</i>
44	10/17	N- Acetylcysteine supplementation for the prevention of postoperative liver dysfunction in on-pump cardiac surgery.	Dr, Soumya Sanker Nath, <i>Dept of Anaesthesia.</i>
45	22/17	Impact of Anti Retroviral Therapy on Quality of Life of People Living with HIV/AIDS	Dr. Peeyush Kariwala <i>Dept. of Community Medicine.</i>
46	28/17	Evaluation of effect of radiation on oropharyngeal flora in patients with oropharyngeal cancer and its correlation with salivary metabolites: A pilot study	Dr. Manodeep Sen <i>Dept. Of Microbiology.</i>
47	20/18	Radiological predictors of residual radiographic lesions in responders to pulmonary tuberculosis therapy	Dr Shamrendra Narayan, <i>Dept. of Radiodiagnosis.</i>



48	22/18	Neutrophil gelatinase-associated lipocalin (NGAL) as a marker of renal tubular injury in metabolic syndrome patients with hyperuricemia	Dr. Ritu Karoli, <i>Dept. of Medicine.</i>
49	23/18	Prospective evaluation of palliative laparoscopic hepatico-jejunostomy in unresectable distal malignant biliary obstruction: A pilot study	Dr. Vikas Singh, <i>Dept. of Surgery</i>
50	24/18	Is Fetuin-A is a link between obesity and Type 2 Diabetes Mellitus	Dr. Vandana Tiwari, <i>Dept. of Biochemistry.</i>
51	26/18	Investigation of cf-DNA levels and IDH-1 mutation in adult diffuse glioma for diagnosis and prediction of therapy	Prof. Nuzhat Husain, <i>Dept. of Pathology.</i>
52	27/18	Creation of a transparent techno-medical platform for orthopaedic implant utilization in the form of an android application	Dr. Sachin Avasthi, <i>Dept. of Orthopaedics.</i>
53	20/19	A Study on New Molecular Targets in Non-Small Cell Lung Carcinoma-Squamous Cell Carcinoma	Dr. Saumya Shukla, <i>Dept. of Pathology.</i>
54	22/19	Determination of passive smoking in children with asthma using cotinine levels in urine as a biomarker	Dr. Dipti Agarwal, <i>Dept. of Paediatrics.</i>
55	23/19	To assess serum level of 25-hydroxy Vitamin D3 and trace elements in adolescence in Bronchial asthma : a cross-sectional study	Dr. Shetanshu Srivastava, <i>Dept of Paediatrics.</i>
56	24/19	Analysis of the frequency of overexpression of EGFR protein and KRAS mutations in Gall bladder cancer	Dr. Anshuman Pandey, <i>Dept of Surgical Gastroenterology.</i>
57	25/19	Association of cadmium (Cd) and lead (Pb) exposure in relation to serum insulin levels, insulin sensitivity and diabetes mellitus: A Cases and control study	Dr. Manish Raj Kulshreshtha <i>Dept. of Biochemistry.</i>
58	26/19	HCV core Antigen: An evolving marker for evaluating treatment response in patients with Hepatitis C infection	Dr. Jaya Garg, <i>Dept. of Microbiology.</i>
59	27/19	Expression of Immune Checkpoint Regulators including Cytotoxic T Lymphocyte Antigen 4(CTLA4) and Programmed Death-Ligand 1 (PD-L1) in Epithelial Thyroid Malignancies.	Dr. Nidhi Anand <i>Dept. of Pathology.</i>
60	28/19	Assessment of Antigenic targets in Membranous Nephropathy	Dr. Kiran Preet Malhotra, <i>Dept of Pathology.</i>
61	64/20	Relation between viral RNA load in blood and clinical presentation and outcome, in covid-19 patients: a time course analysis	Dr. Jyotsna Agarwal, <i>Dept. of Microbiology.</i>
62	65/20	Study of Laboratory parameters of potential prognostic relevance in Covid-19 patients	Dr. Namrata Avasthi, <i>Dept of Pathology.</i>
63	66/20	Study of Haemoglobin HPLC Pattern in Covid-19 patients	Dr. Vandana Tiwari, <i>Dept. of Biochemistry.</i>
64	67/20	A comparative study of clinical course and outcomes in Covid-19 patients with and without pre-existing chronic diseases	Dr. Shobhit Shakya, <i>Dept. of General Medicine.</i>



65	68/20	Clinico hematological findings in COVID-19 patients	Dr.Krishna Kumar Yadav, <i>Dept. of General Medicine, RMLIMS.</i>
66	25/18	Levels of Serum Visfatin and Chemerin in Polycystic Ovarian Syndrome	Dr. Malvika Misra <i>Dept. of Obs. &Gynae.</i>
67	7/21	Estimation of blood Cadmium level in Patients with Parkinson's disease	Dr. Richa Choudhury, <i>Dept. of FMT.</i>
68	8/21	Study of Cytokine assay in patients of dengue fever in a tertiary care center of Uttar Pradesh	Dr. Vineeta Mittal, <i>Dept. of Microbiology.</i>
69	10/21	A Study of Barriers and Facilitators in implementation of Nutritional Benefit Transfer Scheme "Nikshay Poshan Yojana" under National Tuberculosis Elimination Program in Lucknow District.	Dr. Manish Kumar Singh, <i>Dept. of Community Medicine</i>
70	12/21	To investigate the paradoxical reactions in central nervous system tuberculosis: A Prospective cohort study	Dr. Pradeep Kumar Maurya, <i>Dept. of Neurology.</i>
71	13/21	Association of normal appearing white matter (NAWM) in small vessel disease by cerebral diffusion tensor imaging (DTI)	Dr.Tushant Kumar, <i>Dept. of Radiodiagnosis.</i>
72	14/21	Mycolic acid levels and tuberculostearic acids levels in cerebrospinal fluid of patients with tubercular meningitis and bacterial meningitis using mass spectrometry and diagnostic utility of the same in differentiating them: A Pilot Study	Dr. Mridu Singh, <i>Dept. of General Medicine.</i>
73	52/22	Association of serum Testosterone levels with angiographic severity of CAD in young and middle aged (20-60 year old) males with CAD (stable as well as ACS).	Dr. Ashish Jha, <i>Dept. of Cardiology.</i>
74	53/22	Study of Heavy metal levels (Lead/ Cadmium /Mercury /Arsenic /Nickel/Antimony) patients with coronary artery disease (CAD) and its relation with angiographic severity.	Dr. Bhuwan Chandra Tiwari, <i>Dept. of Cardiology.</i>
75	54/22	Study of long-term pulmonary sequelae one year after recovery from moderate to severe COVID Pneumonia.	Dr. Ritu Karoli, <i>Dept. of General Medicine.</i>
76	55/22	Comparison of the efficacy of contrast enhanced mammography with full field digital mammography, Digital breast tomosynthesis and ultra sound in the assessment of the indeterminate breast lesions.	Dr. Neha Singh, <i>Dept. of Radiodiagnosis.</i>
77	56/22	Assessment of prevalence of anaemia and its association with quality of life in elderly population of urban slum of lucknow.	Dr. Rashmi Kumari, <i>Dept. of Community Medicine.</i>
78	59/22	To study the association of toxic metals, metallothionein, and divalent metal ion transporter gene expression in chronic kidney disease of unknown etiology	Dr. Namrata Rao, <i>Dept. of Nephrology.</i>
79	63/22	Impact of position of bolster on outcome of prone PCNL – A prospective study.	Dr. Alok Srivastava, <i>Dept. of Urology & Renal Transplant.</i>



80	64/22	Impact of health promotional signages on staircase use: An interventional study at a tertiary care hospital in lucknow.	Dr. Sumeet Dixit, <i>Dept. of Community Medicine.</i>
81	60/22	To study the association of cardiac autonomic functions with sex hormones among perimenopausal women	Dr. Vibha Gangwar, <i>Dept. of Physiology.</i>
82	173/22	Study on direct antimicrobial susceptibility testing from positive blood cultures using automated method.	Dr. Jyotsna Agarwal, <i>Dept. of Microbiology.</i>
83	169/22	To assess spectrum of multi-system inflammatory syndrome associated with COVID-19 in Children.	Dr. Dipti Agarwal, <i>Dept. of Paediatrics.</i>
84	172/22	Assessment of Changes in diaphragm thickness to predict extubation failure after prolonged upper abdominal surgeries.	Dr. Soumya Sankar Nath, <i>Dept. of Anaesthesiology.</i>
85	182/22	Community perception regarding prevention of rabies and dog bite among adolescents in lucknow.	Dr. Vinita Shukla, <i>Dept. of Community medicine</i>
86	174/22	Morphometry of scaphoid length expressed as a percentage of length of other carpal bones: A computer tomography 3-D reconstruction study	Dr. Navbir Pasricha, <i>Dept. of Anatomy</i>

On-going proposals-27

S. No.	IECNo	Title of the Project	Principal Investigator
1	57/22	New Biomarkers for Early Detection of Acute Kidney Injury in Surgical Patients	Dr. Sanjay Kumar Bhat, <i>Dept. of General Surgery.</i>
2	58/22	Development of a validated tool to assess attitude towards Pediatric Covid-19 vaccination and assessment of knowledge, attitude and practice of parents towards the same using 30 Clusters survey	Dr. Neha Thakur, <i>Dept. of Pediatrics.</i>
3	61/22	Use of mobile phone application to reduce delays in referral of post cholecystectomy gall bladder cancer: A feasibility study.	Dr. Akash Agarwal, <i>Dept. of Surgical Oncology.</i>
4	62/22	To Evaluate Synergistic Antimicrobial effect of Bacteriophages Isolated from water and silver Nanoparticles Synthesized from Calotropis gigantean.	Dr. Anupam Das, <i>Dept. of Microbiology.</i>
5	168/22	To Assess Atopic Sensitization and Immune Dysregulation in Under Five Children With Recurrent Wheeze: A Longitudinal Study	Dr. Shetanshu Srivastava, <i>Dept. of Paediatrics.</i>
6	170/22	Impact of short-term exposure to particulate matter 2.5 on cardiovascular health in traffic management personals in the Lucknow city.	Dr. Manish Kumar Verma, <i>Dept. of Physiology</i>
7	171/22	The association of Kidney tubular Clearance of Secretory Solutes with a fall in estimated glomerular filtration rate in chronic kidney disease: KICSS study.	Dr. Abhilash Chandra, <i>Dept. of Nephrology.</i>



8	175/22	To compare the immunogenicity of Tetravalent human papillomavirus vaccine in adolescent girls with and without booster dose at 12 th month of initial vaccination.	(transfer to Dr.Manish Raj Kulshreshtha) Dr. Soniya Nityanand, <i>Dept. of Clinical Hematology</i>
9	176/22	Cerebrospinal Fluid (CSF) and blood inflammatory markers (TNF- α , INF- γ , IL 6) in patients of Tubercular Meningitis with Paradoxical reaction.	Dr. Abdul Qavi, <i>Dept. of Neurology.</i>
10	177/22	Genome-Wide Association Study (GWAS) for Identification of Genetic Determinants and Clinical Phenotypic Heterogeneity in Cervical Dystonia Patients: A Pilot Study.	Dr. Dinkar Kulshreshtha, <i>Dept. of Neurology.</i>
11	178/22	IDH Mutations in adult-type diffuse glioma-advantage of sanger' sequencing over immunohistochemistry.	Dr. Nuzhat Husain, <i>Dept. of Pathology</i>
12	179/22	Assessment of TNF- α TGF- β 1 and MCP-1 as potential biomarkers in cases of IgA nephropathy.	Dr. Kiran Preet Malhotra, <i>Dept. of Pathology.</i>
13	180/22	Role of Repressor Element-1 Silencing Transcription Factor (REST) in the regulation of pathogenic Proteins (tau and amyloid-B) in Astrocyte derived blood Extracellular Vesicles in Pathogenesis of Alzheimer's Disease.	Dr. Manish Raj Kulshreshtha, <i>Dept. of Biochemistry.</i>
14	181/22	Genome-Wide Transcriptomic Landscape of Inc RNAs-mRNAs Network and their relation with Insulin resistance: Insight into Potential Role in Type 2 Diabetes Mellitus Pathogenesis: A Pilot Study.	Dr.Vandana Tiwari, <i>Dept. of Biochemistry.</i>
15	50/24	Estimation of Haemoglobin Levels in Antenatal Mothers through Finger Prick Blood Image and developing an algorithm for tailored Dietary and Iron-Folic Acid Supplementation recommendation using Artificial Intelligence and Machine Learning: A Primary Health Care Approach.	Dr. Manish Kumar Singh, <i>Dept. of Community</i>
16	51/24	Clinical utility of 18F PSMA PET/CT in comparison with mpMRI combined with bone scan for primary staging of histopathologically proven localised prostate cancer.	Dr. Sanjeet Kumar Singh, <i>Dept. of Urology.</i>
17	53/24	Association between the endocrine disrupting chemicals and polycystic ovary syndrome: A case control study.	Dr. Ritu Karoli, <i>Dept. of medicine.</i>
18	54/24	Analysis of outcome after application of Mepilex-Border dressing in children with hypospadias repair – a prospective interventional study.	Dr. Tanvir Roshan Khan, <i>Dept. of Paediatric Surgery.</i>
19	55/24	Radiographic risk factor assessment for fractures around hip in elderly population- A case control study.	Dr. Vineet Kumar, <i>Dept. of Orthopaedics.</i>
20	56/24	Prostate artery embolization for the treatment of benign prostatic hyperplasia: Experience from a tertiary referral centre in North India.	Dr. Abhishek Chauhan, <i>Dept. of Radiodiagnosis.</i>



21	57/24	To evaluate and compare novel metabolomics markers with clinical and ultrasound markers as effective first trimester screening tool for preeclampsia.	Dr. Devyani Misra, <i>Dept. of OBGYN.</i>
22	58/24	Probing the tumour microenvironment in oral squamous cell carcinoma: A preliminary study for its role as prognostic biomarker.	Dr. Nidhi Anand, <i>Dept. of Pathology.</i>
23	59/24	Identification of differentially expressed coding and non-coding transcripts and their clinical significance in metastatic prostatic cancer.	Dr. Ishwar Ram Dhayal, <i>Dept. of Urology & Renal Transplant.</i>
24	60/24	Whole-genome analysis for copy number variations and loss of heterozygosity in desmoid fibromatosis: A correlation with clinicopathological features.	Dr. Pradyumn Singh, <i>Dept. of Pathology.</i>
25	61/24	Molecular screening of parvovirus B19 in donated blood units in a tertiary care centre.	Dr. Vineeta Mittal, <i>Dept. of Microbiology.</i>
26	62/24	Molecular sub-typing of small cell lung carcinoma: A Pilot study.	Dr. Saumya Shukla, <i>Dept. of Pathology.</i>
27	63/24	Detecting diffuse large B-cell Lymphoma/ high-grade B-cell lymphoma with MYC and BCL2 rearrangements among the large B Cell Lymphomas.	Dr. Namrata P. Awasthi, <i>Dept. of Pathology.</i>

Not Completed Intramural project:9

S. No.	IEC No	Title of the Project	Principal Investigator
1.	13/11	SPECT-CT in undiagnosed foot and ankle pain	Dr. Satyawati Deswal, <i>Dept. of Nuclear Medicine.</i>
2	1/13	Evaluation of p16 in Breast Cancer and it's Clinico-pathological Significance : A Pilot Study	Dr. M.L.B. Bhatt, <i>Dept. of Radiation Oncology.</i>
3.	18/13	Role of CT perfusion imaging to assess response to combined chemo-radiotherapy in patients of oral carcinoma	Dr Abhishek Chauhan, <i>Dept. of Radiodiagnosis.</i>
4.	21/14	Serum Cystatin C for evaluation of contrast induced nephropathy	Prof. Mukul Mishra, <i>Dept. of Cardiology.</i>
5.	24/14	Exercise myocardial perfusion Spect-CT in patients with angiographically documented coronary Artery Ectasia	Dr. Satyawati Deswal, <i>Dept. of Nuclear Medicine.</i>
6.	36/15	Evaluation of PET-CT in potentially operable gallbladder cancer and its histopathological correlation	Dr Akash Agarwal, <i>Dept. of Surgical Oncology.</i>
7.	21/19	Modification and validation of an existing GFR estimating equation for use in Indian patients with chronic kidney disease using body composition analysis by bioelectric impedance	Dr. Namrata Rao, <i>Dept. of Nephrology.</i>
8.	27/17	Role of Hs CRP and Reversal of Serum Albumin/Globulin ratio in differentiating Pulmonary Tuberculosis from Community Acquired Pneumonia	Dr. Vikram Singh, <i>Dept. of Medicine.</i>
9.	11/21	Assessment of Risk Factors for Non-communicable Diseases in among residents of Urban Field Practice Area of RMLIMS based on WHO STEPS instrument	Dr. Sunil Dutt Kandpal, <i>Dept. of Community Medicine.</i>



B. Total Extramural Research Projects: 50

Completed Projects: 29

S.No	Total Duration	Title	Funding Agency
1	2009-2012 (3Years)	Tumor Infiltrating Lymphocytes (TIL) subset analysis, serum IL-4 , IFN- γ & TNF- α analysis for immune-reactivity & Molecular /cellular analysis of γ and T cells: A correlative study in oral carcinoma.	Dr. Vandana Tiwari (WOS'A') Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS. DST, New Delhi. Approx 9 lakhs
2	2012-2015 (3Years)	Stem Cell Expression of CD24, OCT3/4 and NANOG in Glioblastoma Multiforme: Correlation with Treatment Response and Survival.	Ms. Priyanka Soni (SRF) Guide: Prof. Nuzhat Husain <i>Dept. of Pathology</i> , RMLIMS. ICMR, New Delhi. Approx. 15 lakhs
3	2008-2013 (5Years)	UGC-Rajiv Gandhi National Fellowship	Mr. Praveen Kumar Guide: Prof. Nuzhat Husain <i>Dept. of Pathology</i> , RMLIMS. UGC-RGFS, New Delhi Total cost 3,34,240
4	2009-2012 (3Years)	Analysis of intron 22 inversion mutation in Indian case with haemophilia 'A'	Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS UPCST, Lucknow Approx 7 Lacs
5	26.03.12 (3Years)	Evaluation of the immuno-modulatory effect of Tinosporacordifolia in head and neck cancer patients (transferred to KGMU on 24.03.14)	Prof. M.C. Pant, <i>Dept. of Radiation Oncology</i> , RMLIMS. ICMR , New Delhi.
6	2013-2016 (3Years)	Liquid based cytology assessment of p16 and DNA ploidy in Cervical Neoplasia: Correlation with p16 promoter Hypermethylation	Mr. Sridhar Misra Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS UPCST, Lucknow Approx 10 lakhs
7	2014-2018 (3Years)	To study the effects of diagnostic low dose radiation exposure on peripheral blood lymphocytes	Dr. Shikha Tiwari (Young Scientist) Mentor: Prof. Nuzhat Husain <i>Dept. of Pathology</i> , RMLIMS. DST SERB, New Delhi. Approx 19 lakhs
8	14.08.14 (3Years)	Role of epigenetics in the pathogenesis of de novo myelodysplastic syndromes in Indian patients (Proposal transferred to AIIMS, New Delhi)	Dr. Rekha Chaubey (Young Scientist) Mentor: Prof. Nuzhat Husain <i>Dept. of Pathology</i> RMLIMS. DST SERB, New Delhi.
9	01.12.14 (5 years)	Cell Free DNA and circulating tumor cells in Oral Squamous Cell Carcinoma	Miss Harmeet Kaur (resigned) Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS. Inspire-DST, New Delhi.
10	2012-2017 (5 years)	Diagnostic evaluation of circulating free DNA and circulating tumor cells in gall bladder cancer.	Miss Swati Kumari Guide: Prof. Nuzhat Husain, <i>Dept.</i>



			<i>of Pathology</i> , RMLIMS. DST-INSPIRE Fellowship New Delhi. Approx.19 lakhs
11	20.06.15 (3Years)	Epidermal growth factor mutation (EGFR) and anaplastic lymphoma kinase (ALK) gene rearrangement in non-small cell carcinoma lung	Mr. Rahul Pandey Guide: Dr. Saumya Shukla, <i>Dept. of Pathology</i> , RMLIMS. UPCST, Lucknow. Approx.10 lakhs
12	13.08.14 (3Years)	Metabolomic Study in CSF, Serum and Urine for differential diagnosis of Cryptococcal meningitis in adults- A pilot study	Ms. Pushpa Yadav (WOS A) Mentor: Dr. Manodeep Sen, <i>Dept. of Microbiology</i> , RMLIMS DST SERB, New Delhi.
13	08.09.14 (3Years)	Effect of proprioceptive neuromuscular facilitation, balance and coordination exercise on length of hospital stay functional outcome and quality of life in the adult patients with stroke of early and late stage	Miss Poonam Chaturvedi (Women Scientist) Mentor: Prof. A.K. Thacker, <i>Dept. of Neurology</i> , RMLIMS, DST, New Delhi.
14	Transferred from KGMU	Immunological, genetic and behavioural profile of women with urinary tract infections by E. coli, Role of host factors	Mr. Bhanu Pratap Verma PI: Prof. Jyotsna Agarwal, <i>Dept. of Microbiology</i> , RMLIMS DBT , New Delhi Approx 12 lacs
15	Transferred from KGMU	Role of real time multiplex PCR in rapid diagnosis of community acquired acute bacterial meningitis in children	Miss Palak Mahrotra Mentor: Prof. Jyotsna Agarwal, <i>Dept. of Microbiology</i> , RMLIMS. UPCST, Lucknow. Approx 11 lacs
16	2015-2018 (3Years)	FVIII inhibitors in Hemophilia A: Correlation with gene mutation and cytokine profile.	Miss Sanya Arshad Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS. SERB, DST, New Delhi. Approx 43 Lacs.
17	2016-2019 (3Years)	Polymorphism study of the CYP and GST Gene Family and its Association with Up-regulation of Cell death in Non-Small Cell Lung Carcinoma.	Mr. Anumesh Kumar Pathak Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS. UPCST, Lucknow Approx.11 Lacs
18	27.11.14 (3Years)	Chronobiological approach for early prediction of Anthracyclin induced cardiotoxicity.	Dr. Shipra Bhardwaj (WOS A) Guide: Dr Madhup Rastogi, <i>Dept. of Radiation Oncology</i> , RMLIMS. DST SERB, New Delhi.
19	2019-2021 (3Years)	CfDNA in Gliomas: Diagnostic and Therapeutic Application.	Dr. Sridhar Misra (RA, Fellowship) Guide: Prof. Nuzhat Husain (PI), <i>Dept. of Pathology</i> RMLIMS.ICMR, New Delhi Approx 12 Lacs
20	2018-2020 (3Years)	Study of cfDNA and LunX gene Transcript in Diagnosis and Prediction of Chemotherapy Response in Non-Small Cell Lung Carcinoma.	Mr. Anumesh Kumar Pathak. Guide: Prof. Nuzhat Husain, <i>Dept. of Pathology</i> , RMLIMS ICMR, New Delhi, Approx 15



			lacs
21	2019-2022 (3Years)	The role of highly sensitive Troponin-I, highly sensitive C- Reactive Protein and NT-proBNP in predicting coronary artery stenosis in patients undergoing Coronary Artery Angiography.	Dr. Pratima Tripathi (RA fellowship) Mentor:Dr. Vandana Tiwari, <i>Dept. of Biochemistry RMLIMS.ICMR, New Delhi. Approx 21 lacs.</i>
22	2020-2022 (2Years)	Evaluation of TB LAMP (Loop-Mediated Isothermal Amplification) assay for diagnosis of Central Nervous System Tuberculosis.	Dr.Vineeta Mital, <i>Dept. of Microbiology, RMLIMS. UPCST, Lucknow. Approx.7.8 Lakhs</i>
23	2019-2021 (3Years)	Circulating mRNA role in gall bladder cancer: Is serum assay of diagnostic value?	Dr. Pallavi Srivastava (Young Women scientist) Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology, RMLIMS. DHR-ICMR, New Delhi. Approx 20 Lacs</i>
24	2019-2022 (3Years)	A study of immunotherapy and molecular targets in squamous cell carcinoma lung.	Mr. Rahul Pandey (SRF) Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology, RMLIMS. ICMR, New Delhi. Approx 15 Lacs</i>
25	2019-2022 (3Years)	Methylation status of genes in circulating free DNA as diagnostic and predictive biomarker in Oral Squamous Cell Carcinoma.	Mrs. Swati Kumari Mentor: Prof. Nuzhat Husain, <i>Dept. of Pathology, RMLIMS. CSIR, New Delhi. Approx 20 Lacs</i>
26	2021-2022 (2Years)	Cross sectional study on prevalence of digital media use and its correlates along with health impacts in children aged 2 to 18 years.	Mr. Deevesh Kr. Shukla PI: Dr. Neha Thakur, <i>Dept. of Paediatrics, RMLIMS. UPCST, Lucknow Total 4,78,910</i>
27	2021-2024 (3Years)	Diagnostic application of genetic and genomic profiling of circulating free DNA in Gallbladder carcinoma.	Dr. Sridhar Misra Guide: Prof. Nuzhat Husain, <i>Dept. of Pathology, RMLIMS, ICMR, New Delhi. Approx 51 Lacs</i>
28	2023-2024 (3Years)	Does circadian rhythm impact antibody response to COVID -19 vaccinations? A randomized control trial.	Dr. Vibha Gangwar, <i>Dept. of Physiology, RMLIMS. ICMR, New Delhi. Total Rs.8,32,597</i>
29	2023-2024	Adherence and treatment completion of tuberculosis preventive therapy (TPT) among household contacts of tuberculosis patients and their socio-demographic co-relates in lucknow	Dr. Amit Kaushik, <i>Dept. of Community Medicine. TB association of India, New Delhi. Total Cost Rs. 35,000/-</i>

On-going Extramural Proposals: 21

S.No	Total Duration	Title	Funding Agency
1	2020-2022	Lymphopenia in Covid-19: implication in	Prof. Jyotsna Agarwal, <i>Dept. of</i>



	(18 th Month)	pathogenesis and disease management	<i>Microbiology</i> , RMLIMS. (Indo-US COVID-19) Total 50 lac (Indian Part approx 17 lacs)
2.	2022-2025 (3Years)	Impact of rapid direct identification of microorganism and common antibiotic resistance by MALDI-TOF MS from positive blood cultures on antibiotic and diagnostic stewardship in ICU setting.	Dr. Jyotsna Agarwal, <i>Dept. of Microbiology</i> UPCST, Lucknow. Total Cost-11.44
3	2022-2025 (3Years)	Development of smartphone application (App) based digital telemedicine system for health evaluation of elderly population at home to ensure timely intervention and study of its impact on their longevity and quality of life-A Pilot project	Dr. Shiv Shanker Tripathi, <i>Dept. of Emergency medicine</i> . UPCST, Lucknow. Total Cost-9,82,000
4	2022-2027 (5Years)	Hospital based cancer registries in india at Dr. Ram Manohar Lohia institute of medical science	Dr. Rohini Khurana, <i>Dept. of Radiation Oncology</i> .ICMR, New Delhi. Total 15 lacs
5	2022-2025 (3Years)	The role of Endoplasmic reticulum Stress, Long Non-Coding RNAs and interplay of their Cellular targets in Type 2 Diabetes.	Miss Shefali Singh (SR Fellowship) Mentor: Dr. Manish Raj Kulshrestha, <i>Dept. of Biochemistry</i> , ICMR, New Delhi. TotalRs. 15 lacs
6	2022-2025 (3Years)	Neuro-psychiatric sequelae following tuberculous meningitis and the role of Diffusion Tensor Imaging in its assessment.	Dr.Alok Kumar Singh(RA Fellowship) Mentor: Dr. Gaurav Raj Agarwal, <i>Dept. of Radio diagnosis</i> , RMLIMS. ICMR, New Delhi. TotalRs. 21lacs.
7	2022-2025 (3Years)	Clinical significance of Circular RNAs interaction with the unfold protein response and tumor-promoting cytokines in oral cancer patients.	Dr.Yadvendra Shahi(RA Fellowship) Guide: Dr.Vandana Tiwari, <i>Dept. of Biochemistry</i> , RMLIMS. ICMR, New Delhi Total Rs. 21lacs.
8	2022-2024 (3Years)	To study the role of agrochemicals and genetic polymorphisms in agrochemical metabolism enzyme genes in determining the susceptibility of chronic kidney disease of unknown etiology in northern India-A case control study.	Dr. Namrata Rao, <i>Dept. of Nephrology</i> , Indian society of nephrology North Zone. Total Rs. 1,50,000/-
9	2022-2024 (2 Years)	Development of a paediatric trauma resuscitation module (PTRM) assessment of impact of simulation-based training on outcome of paediatric trauma patients at Level-1 trauma centre in northern India	Dr. Neha Thakur, <i>Dept. of Paediatrics</i> RMLIMS. Ad-hoc ICMR, New Delhi, Total Rs. 4,48,910/-
10	2023-2024 (1 year)	Strengthening Primary Screening of Cervical Cancer Through Affordable WHO Validated hrHPV Test Kits – Testing a Self-Collection Module in Rural India	Dr. Nuzhat Husain, <i>Dept. Pathology</i> (JHPEIGO, New Delhi.) Total Cost Rs.96.4/-
11	2023-2026 (3Years)	Assessment of macronutrient and micronutrient levels of school going adolescents in lucknow	Mrs. Poonam Tiwari, Head, <i>Dept. of Dietetics</i> . DHR, New Delhi.



		metropolitan community and their relation with ethno-healthy diets and prevalent eating patterns.	Total Cost Rs.59,38,380/-
12	2023-2024	First National trainer of training of Workshop of Pediatric Resuscitation Module.	Dr. Neha Thakur, Dept. of Paediatric. ICMR (PTRM) Total Cost Rs. 7.45lac/-
13	2024-2025	Barriers and facilitators to availing targeted interventions, testing and treatment services by key high-risk population groups under National AIDS Control program in districts of UP along Indo Nepal Border-A Mixed Method study.	Dr. Manish Kumar Singh, <i>Dept. Community Medicine</i> . UP State AIDS control Society. Total CostRs. 82,711/-
14	2024-2025	Technical Support for delivery of WHO quality of care standards for SNCUS.	Dr. Deepti Agarwal, Dept. of Paediatric. WHO Total Cost Rs. 7.63 lac./-
15	2024-2026	Role of circular and long non-coding RNSs as regulators of Neuro inflammation and its correlation with clinical and radiological severity in Ischemic Stroke Patients.	Dr. Dinkar Kulshreshtha, <i>Dept. of Neurology, ICMR, New Delhi</i> . Total Cost: Rs.24 lac.
16	2024-2027	Association between school bag design and its weight with the parent-reported posture of school children:A school-based cross-sectional study.	Dr. Vineet Kumar, Dept. of Orthopedic Surgery. UPCST Total Cost Rs. 11.06 lac./-
17	2024-2027	Insecticide bioaccumulation and its interplay with detoxifying enzyme, genetic variations and DNA modifications: A trial influencing chronic kidney disease of known etiology.	Dr. Manish Raj Kulshrestha, Dept. of Biochemistry. UPCST Total Cost Rs. 15.36 lac/-
18	2024-2027	Molecular Surveillance and antiviral resistance detection in influenza virus strains circulating in Uttar Pradesh.	Dr. Jaya Garg, Dept. of Microbiology, UPCST Total Cost Rs.14.36lac/-
19	2024-2026 (two Yrs)	Methylation profiling and copy number variations in gallbladder cancer-Investigating prognostic and therapeutic subsets.	Dr. Anshuman Pandey, Dept. of Surgical Gastroenterology, UPCST Total Cost Rs.15 lac/-
20	2024-2027	Gene expression profiling of the TGF-1 fibrotic pathway and assessment of the prognostic role of microRNA-192 in diabetic nephropathy.	Dr. Kiran Preet Malhotra, Dept. of Pathology. UPCST Total Cost Rs.15.36 lac/-
21	2024-2027	Micronutrient deficiencies among lucknow metropolitan underprivileged school going girls: A nutrigenomic approach to addressing hidden hunger.	Dr. Kumud Nigam Mentor: Dr. Manish Raj Kulshrestha, Dept. of Biochemistry, Women scientist DHR, New Delhi. Total Cost Rs. 59,36,160/-

C. Total Clinical Trial: 51

Completed Clinical Trial: 33

S.No	Date of Approval	IEC No.	Title	PI & funding agency
1	20.03.17	CT-37/16	Morph-India: A prospective, single-arm , multi-centre, observational, real world, post-marketing surveillance to evaluate safety and	Dr. Amresh Kumar Singh, <i>Dept. of Cardiology</i> . Morph India



			performance of the BioMime™ MorphSirolimus eluting coronary stent system for very long coronary lesions.	
2	13.12.17	CT-15/17	An Observational ,Multicentre, prospective Post Marketing Surveillance study to evaluate safety and efficacy of ELORES (ceftriaxone+disodium edetate +sulbactam) in patients with various bacterial infections.(Labeled indications)	Prof. Deepak Malviya, <i>Dept. of Anaesthesia</i> Venus Remedies Limited
3	14.12.17	CT-17/17	A phase II, Multicenter, Randomized, open label and Parallel group study to evaluate safety and efficacy of endoxifen as First-Line therapy in women with metastatic Estrogen Receptor positive Breast Cancer	Dr Akash Agarwal <i>Dept. of Surgical Oncol.</i> Intas Pharmaceutical Limited
4	05.04.18	CT-1/17	An open label, Multicenter, Non-Interventional, Observational study to evaluate efficacy of Telmisartan 40mg/80mg+ Chloryhalidone 12.5mg compared to Telmisartan 40mg/80mg+ Hydrochlorothiazide 12.5mg and continuation of Telmisartan 40mg/80mg alone in hypersensitive patients not responding to four weeks of Telmisartan 40mg/80mg mono therapy	Dr Naveen Jamwal <i>Dept. of Cardiology</i> Dr Reddy's Lab
5	05.04.18	CT-2/17	An open label, Multicenter, Non Interventional, Observational study to evaluate efficacy of Telmisartan 80mg+ Amlodipine 10mg/5mg+ Chloryhalidone 12.5mg compared to continuation of Telmisartan 80mg+ Amlodipine 10mg/5mg Dual combination therapy in hypersensitive patients not responding to four weeks of Telmisartan 80mg+ Amlodipine 10mg/5mg Dual combination therapy	Prof. Mukul Misra <i>Dept. of Cardiology</i> Dr Reddy's Laboratory
6	05.04.18	CT-3/17	A Prospective, Randomized, Double-blind, Double dummy, multi Centre, comparative phase III clinical trial to evaluate the efficacy and safety of Ivabradine Prolonged Release Tablets in Patients with Stable Chronic Heart Failure with Systolic Dysfunction	Prof. Mukul Misra <i>Dept. of Cardiology</i> Abbott Healthcare Pvt. Ltd
7	05.04.18	CT-4/17	A multicentric, randomized open label, comparative, parallel assignment clinical trial to evaluate the safety and efficacy of fixed dose combinations (FDC) of Repaglinide (0.5mg/1mg) + Voglibose (0.2mg/0.3mg) tablets versus Repaglinide (0.5mg/1mg) tablets in patients with type II diabetes mellitus	Dr Manish Gutch <i>Dept. of Endocrinology</i> Torrent Pvt.Ltd
8	21.05.18	CT-21/17	A prospective ,active control, open-label, multi-centre, randomized clinical trial comparing BioMime Branch-serolimus Eluting Coronary Side Branch Stent System vs. Xience family of	Prof. Mukul Misra <i>Dept. of Cardiology</i> Meril Life Sciences Pvt. Ltd.



			Everolimus Eluting Coronary Stent system to evaluate safety and performance in patients with de novo coronary bifurcation lesions. MLS/BBR -1/ Version 1.0.0/ 2nd June 2017	
9	11.9.18	CT-2/18	A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Evaluate the Effect of Efglenatide on Cardiovascular Outcomes in Type 2 Diabetes Patients at High Cardiovascular Risk. EFC14828/Amplitude O.	Dr. Shobhit Shakya, <i>Dept. of General Medicine.</i> Sanofi
10	11.9.18	CT-3/18	A 12 month prospective observational study assessing the real world clinical effectiveness, safety and health economic benefits of Toujeo initiation after oral anti diabetic drug failure in insulin naïve patients with Type 2 Diabetes Mellitus. OBS14708/ ATOS study	Dr. Manish Gutch, <i>Dept. of Endocrinology</i> Sanofi
11	11.9.18	CT-4/18	A Randomized, 24 week, controlled, open label, parallel arm, multicentre study, comparing the efficacy and safety of insulin glargine/lixisenatide fixed ratio combination to insulin glargine in type 2 diabetes patients, inadequately controlled on basal insulin with or without metformin. INSLIL08556 / LixiLan-India	Dr. Manish Gutch, <i>Dept. of Endocrinology</i> Sanofi
12	11.9.18	CT-5/18	Multicenter, Open Label, Prospective, Phase IV Interventional Study in Adult Indian Patients to Evaluate the Safety and Efficacy of MyHep LVIRTM (ledipasvir/sofosbuvir, Fixed Dose Combination) in HCV genotype 1 infection and the combination of MyHepTM (sofosbuvir) and MyDeklaTM (daclatasvir) in HCV genotype 3 infections MYL-SLD-4001	Dr. Prashant Verma, <i>Dept. of Gastro-medicine</i> Mylan Pvt. Ltd
13	11.09.18	CT-6/18	A Multicenter, Open Label, Randomized, Two Treatment, Two Period, Two sequence, single dose, cross over study to test for bio-equivalence between Celerity'S Doxorubicin Hydrochloride Liposome Injection 20mg/10ml (2mg/ml) and Reference Doxorubicin Hydrochloride Liposome Injection 20mg/10ml (2mg/ml); Sun Pharmaceutical India Ltd. India, In Patients with Ovarian Cancer.	Dr Ashish Singhal, <i>Dept. of Surgical Oncology</i> Celerity Pharmaceutical LLC
14	13.02.19	CT-13/18	A Randomized, Open label, Parallel group, multi center phase 3 study to compare efficacy and safety of recombinant Insulin aspart (Manufactured by Biogenomics Limited) with NovoRapid (Manufactured by Novo Nordisk), in Adult patients with Diabetes Mellitus. BGL-IA-CTP301-V3; October /2018.	Dr Manish Gutch, Dept of Endocrinology. JSS Pvt. Ltd.



15	15.08.19	CT-10/18	A multi-center open-label parallel group randomized controlled trial to compare iGlarLixi versus premixed insulin in patients with type 2 diabetes who have failed to achieve glycemic control with basal insulin and oral antidiabetic agents LPS15017 / Global Premix	Dr Manish Gutch, <i>Dept of Endocrinology.</i> Sanofi Pvt. Ltd
16	15.04.19	CT-1/19	Efficacy and safety of IntasDenosumab in comparison with Xgeva in patients with solid tumours with bone metastases. Protocol: 0182-18 Version 1.1, Dated 05 May, 2018	Dr Ashish Singhal, <i>Dept. of Surgical Oncology.</i> Lambda
17	15.04.19	CT-4/19	A 26-week, Randomized, Open-label, Parallel-group Comparison of SAR341402 Mix 70/30 to NovoMix®30 in Adult Patients with Diabetes Mellitus using Pre-mix Insulin Analogs. Trial EFC15082	Dr Manish Gutch, <i>Dept of Endocrinology</i> Sanofi
18	15.04.19	CT-6/19	A Phase III Randomized, Double Blind, Parallel Group, Placebo Controlled, Multi-Centre, Multinational Study to Evaluate Efficacy and Safety of TRC150094 as an Add on to Standard of Care in Improving Cardiovascular Risk in Subjects with Diabetes, Dyslipidemia and Hypertension. CT/P0158/CMR/16/03_01	Dr. Shobhit Shakya, <i>Dept. of General Medicine.</i> Sanofi Torrent
19	15.05.19	CT-2/19	A global, multicenter, three arms, open-label randomized study to evaluate the efficacy and safety of Nanosomal Docetaxel Lipid Suspension compared to Taxotere® (Docetaxel Injection Concentrate) in triple-negative breast cancer patients with locally advanced or metastatic breast cancer after failure to prior chemotherapy. Protocol: 0063-17	Dr Ashish Singhal Dept. of Surgical Oncology. Lambda
20	16.09.19	CT-10/19	A Prospective, Multicenter, Randomized, Double-Blind, Phase 3 Study to Evaluate the Safety and Efficacy of a Gel Formulation of Esmolol Hydrochloride (Galnobax®) in Treating Diabetic Foot Ulcers. Protocol No:- NG-A16.	Dr. Shobhit Shakya, Dept. of General Medicine. NOVALEAD
21	16.09.19	CT-8/19	A randomized, double-blind, multicenter, multinational comparative clinical Study to compare the efficacy and safety of INTP24 against Avastin® in patients with unresectable, locally advanced, recurrent or metastatic non-squamous non-small cell lung cancer. Version 1.0 Dated 22 Feb 2019. Protocol: 0586-18,	Dr Ashish Singhal, <i>Dept. of Surgical Oncology</i> Intas.
22	16.09.19	CT-11/19	A Phase II randomized, double-blind, Placebo controlled, parallel group, multi-centre study to evaluate the efficacy, safety and tolerability of TRC160334 as an add-on therapy to mesalamine in subject with mild to moderately	Dr. Prashant Verma, <i>Dept. of Gastro-medicine</i> SIRO Pvt. Ltd



			active ulcerative colitis. Study Code: CT/P016/IBD/ 17 /02 _01	
23	23.05.20	CT-4/20	Clinical trial for Artificial intelligence based Microscopy. Protocol Version_SVL-01/CT/01-2020	Dr. Jyotsna Agrawal <i>Dept. of Microbiology</i> Sevamob Ventures Ltd.
24	25.05.20	CT-12/20	A Phase II, Open Label, Randomized Controlled Trial to Assess the Safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications in Moderate Disease.	Dr. Vikram Singh, <i>Dept. of Medicine</i> ICMR, New Delhi
25	16.07.20	CT-1/20	A post marketing, multicenter, single-arm, prospective clinical trial to assess the safety and efficacy of FDC of PROPRANOLOL HYDROCHLORIDE IP + CLONAZEPAM IP Tablets in patients with anxiety disorders. Study Code: BRADPL/PHC/PMS/07/19	Dr. Abdul Qavi, <i>Dept. of Neurology</i> AIKUM Drug
26	16.07.20	CT-2/20	A post marketing, open label, multicentre study to evaluate the safety and efficacy of fixed dose combination of Propranolol Hydrochloride 40 mg plus Flunarizin 5 mg and fixed dose combination of Propranolol Hydrochloride 40 mg plus Flunarizine 10 mg in the prophylaxis of migraine without aura. Study Code: BRADPL/PHF/PMS/05/19	Dr. Abdul Qavi, <i>Dept. of Neurology</i> AIKUM Drug
27	15.09.20	CT-13/20	A Randomized, Double-blind, Multicenter, Three arm, Active and Placebo-controlled, Parallel Study to Evaluate the Bioequivalence (with clinical endpoint) of Mupirocin Cream USP,2% (Cadila Healthcare Ltd., India) to Mupirocin Cream USP,2% (Glenmark Pharmaceuticals Inc., USA) in subject with Secondarily Infected Traumatic Skin Lesions.	Dr. Sunil Kumar Singh, <i>Dept. of General Surgery,</i> Zyodus Pvt.Ltd
28	08.07.21	CT-3/21	A prospective, multicenter, randomized, comparative, parallel group clinical study to compare the efficacy, pharmacokinetics, pharmacodynamics, immunogenicity and safety of intravenous injection of tenecteplase (Hetero Biopharma Limited) And Reference Medicinal Product (RMP Tenecteplase, Boehringer Ingelheim) in adults for the thrombolytic treatment of suspected myocardial infarction with persistent ST elevation.HCR/III/TENESTEMI/08/2020	Dr Naveen Jamwal, <i>Dept. of Cardiology,</i> Hetero Biopharma Ltd.
29	10.01.22	CT-4/21	A randomized, Open-label, Single Dose, Two Treatment, Three-Period, Three-Sequence, Partial Replicate, Crossover, Multicentre, Bioequivalence Study of Capecitabine 500 mg Tablets (Manufactured by SP Accure Labs Pvt. Ltd., India) with Xeloda® (Capecitabine 500	Dr. Ashish Singhal, <i>Dept. of Surgical Oncology</i> SP Accure Labs Pvt.Ltd



			mg Tablets, Distributed by Roche Registration GmbH) in Adult Cancer Patients Under Fed Condition. 01/CAP/SPAL/2020	
30	26.04.22	CT-3/22	A prospective, multi-centre, Single Arm, Phase IV study to assess the safety and efficacy of Dienogest Tablets in management of pelvic pain associated with Endometriosis.ICR/22/003	Dr. Devyani Misra, Dept. of Obs &Gyne SUN Pharma
31	20.05.22	CT-7/21	A Multicentric, Post Marketing, Observational Study to Determine the impact of IVABID OD on average Resting Heart Rate in patients with reduced ejection fraction with systolic dysfunction.IVABID	Dr. Ashish Jha, Dept. of Cardiology. Abbott Healthcare
32	06.09.23	CT-4/23	A Multicenter, Randomized, Parallel group, Open label, Post Marketing Clinical Investigation Study to assess efficacy and safety of Bactiguard® Central Venous Catheter (CVC) Compared to Standard Central Venous Catheter (CVC) in critically ill patientsBCR-BAC-001	Dr. Praveen Kumar Das, Dept. of Anesthesiology and CCM Biosphere Clinical Research Pvt. Ltd.
33	06.10.23	CT-5/23	A Phase III, Randomized, Double Blind, Active Controlled, Prospective, Parallel Group, Comparative, Multicentric Clinical Study to Evaluate the Efficacy, Safety and Tolerability of Fixed Dose Combination of Dapagliflozin plus Bisoprolol Tablets Versus Bisoprolol Tablets in Patients with Heart Failure with Reduced Ejection Fraction.CT/2023/24	Dr. Naveen Jamwal, Dept. of Cardiology. Eris Lifesciences Ltd.

On-going Clinical Trial: 18

S.No	Date of submission	IEC No.	Title	PI & funding agency
1	20.7.18	CT-7/18	A post marketing registry of Abluminussiromilus coronary stent system for percutaneous intervention in Patients with diabetes mellitus (<i>Non-funding</i>)	Dr. Sudarshan Kumar Vijay, Dept. of Cardiology. Invision Scientific Pvt. Ltd
2	04.01.19	CT-12/18	Dafodil™-1: A prospective, multi-center, single-arm clinical study to evaluate safety and performance of the Dafodil™ Pericardial Bioprosthesis in patients who require replacement of their natural or prosthetic aortic or mitral valve.	Dr. S. S. Rajput, Dept. of CVTS. Meril Life Science
3	15.04.19	CT-7/19	A prospective cohort, multicentric, non-interventional, observational, real world study to evaluate current clinical practices and quality of life in Indian essential hypertensive patients (<i>Survey study</i>)	Dr. Amresh Kumar Singh, Dept. of Cardiology Glenmark.
4	26.04.22	CT-1/22	A Multi-Centre, Randomized, Double-Blinded phase 3 study to evaluate the efficacy, safety	Dr. Abdul Qavi, Dept. of Neurology Immunic



			and tolerability of IMU-838 versus Placebo in Adults with Relapsing Multiple Sclerosis.	AG(Nidhi)
5	26.04.22	CT-2/22	A prospective, observational, single arm, multicenter registry to evaluate clinical outcomes of the shockwave coronary intravascular Lithotripsy (IVL) followed by stent implantation in calcified Coronary Arteries in Real world Indian Patient Population (<i>Shock Indian Registry</i>).	Dr. Sudarshan Kumar Vijay, Dept. of Cardiology Shock India Registry
6	06.10.23	CT-6/23	Ultra-Thin strUt versus XiencE in a Diabetic population with multi-vessel disease -2- Indian study	Dr. Amresh Kumar Singh, Dept. of Cardiology. Academic and Research Department (Aman)
7	15.03.24	CT-5/24	ATHENA: Effects of ziltivekimab versus placebo on heart failure symptoms and physical function in patients with heart failure with mildly reduced or preserved ejection fraction and systemic inflammation.	Dr. Naveen Jamwal, Dept. of Cardiology. Novo Nordisk India Private Limited. (Nidhi)
8	10.05.24	CT-2/24	A Phase 4, 52-week, single arm, multicentre post marketing surveillance to evaluate the safety of Desidustat for the treatment of anemia in subjects with chronic kidney disease (CKD).	Dr. Abhilash Chandra, Dept. of Nephrology, Zydu Lifesciences(Nidhi)
9	10.05.24	CT-8/24	A Multicenter, Double-blind, Randomized, Parallel-group, Phase 3 Study to Compare the Efficacy and Safety of the Proposed Biosimilar PERT-IJS and EU-Perjeta® along with Trastuzumab and Chemotherapy (Carboplatin and Docetaxel) as Neoadjuvant Treatment in Patients with Hormone Receptor Negative (HR-ve) Human Epidermal Growth Factor Receptor 2 (HER2)-positive Early Stage or Locally Advanced Breast Cancer.BIO-PERTUZ-301	Dr. Ashish Singhal, Dept. of <i>Surgical Oncology</i> . Biocon Biologics UK Limited (Nidhi)
10	15.06.24	CT-4/24	ARTEMIS: Effects of ziltivekimab versus placebo on cardiovascular outcomes in patients with acute myocardial infarction.	Dr. Naveen Jamwal, Dept. of <i>Cardiology</i> . Novo Nordisk India Private Limited. (Nidhi)
11	02.08.24	CT-9/24	A prospective, randomized, single blind, parallel, active controlled, multicentre, non-inferiority phase III study to evaluate the immunogenicity and safety of live attenuated varicella vaccine of Sinovac Biotech Ltd, china compared to Variped® vaccine (varicella vaccine live I.P by MSD Pharmaceuticals Pvt Ltd, India) in healthy paediatric subjects in India. CRN_3110/2021 Version No. 2.0 dated 24 Nov 2023.	Dr. C.M. Singh, Director, RMLIMS
12	18.07.24	CT-	A Multicenter, Randomized, Observer-blind,	Dr. C.M. Singh,



		10/24	Non-inferiority, Phase III Study to Evaluate the Immunogenicity and Safety of Boostagen RED TM (combined tetanus toxoid, Reduced diphtheria toxoid, reduced recombinant pertussis vaccine) by BioNet-Asia compared to ADACEL® vaccine by Sanofi Pasteur Limited in Healthy Subjects Aged 4-65 years. CRNI/CTP/009 Version No. 1.0 dated 17 Nov 2022.	Director, RMLIMS.
13	25.09.24	CT-6/24	A Prospective, Open-Label, Multi-Country, Multicentre, Post-Market Surveillance of VIVO ISAR in Real World Patients Undergoing Percutaneous Coronary Intervention With Short Dual-Antiplatelet Therapy (SECURE GLOBAL REGISTRY).	Dr. Sudarshan Kumar Vijay, Dept. of Cardiology (Amit)
14	28.01.25	CT-11/24	A single centric, Open label, single arm, post marketing clinical follow-up (PMCF) study to evaluate safety and tolerability of VELNEZ®-A space occupying dressing after ear surgery. Protocol No.: DMPL/CIP-005/2024/CT/VN Version No.: 1.0, Date: 25-Oct-2024.	Dr. Ashish Chandra Agarwal, Dept. of ENT. Datt Mediproducts Private Limited
15	28.01.25	CT-12/24 (Global)	Study of Heart & Kidney protection with BI 690517 in combination with empagliflozin: A multicenter, international, randomized, double-blind, placebo-controlled clinical trial of the aldosterone synthase inhibitor BI 690517 in combination with empagliflozin in patients with chronic kidney disease. Boehringer Ingelheim 1378-0006	Dr. Namrato Rao, Dept. of Nephrology. Boehringer Ingelheim (Nidhi)
16	28.01.25	CT-13/24	A prospective, randomized, parallel, single-blind, four-arm, active-controlled, multicenter, Phase IV clinical trial to evaluate the immunogenicity and safety of Measles and Rubella vaccine (Live) I.P. (Freeze dried) of M/s. Zydus life science Pvt.Ltd. and to evaluate lot to lot consistency of Measles and Rubella vaccine (Live) I.P. Freeze dried) of M/s. Zydus life science Pvt.Ltd in healthy infants aged 9-12 months. Protocol no.24-02	Dr. Neha Thakur, Dept. of Paediatric. Zydus life science Pvt (Nidhi)
17	28.01.25	CT-14/24	A Phase 3, Randomized, Double-blind, Placebo-controlled, event-driven study to investigate the effect of Retatrutide on the Incidence of Major Adverse Cardiovascular Events and the decline in kidney function in participants with body mass index >27 kg/m ² and Atherosclerotic cardiovascular disease and/or chronic kidney disease. Protocol Number: J11-MC-GZBO	Dr. Naveen Jamwal, Dept. of Cardiology. Eli Lilly and Company



Dr. Ram Manohar Lohia Institute of Medical Sciences Vibhuti Khand, Gomti Nagar, Lucknow.

Ph No.0522- 4918555, 504 Fax No.- 0522- 4918506, Website- www.drrmlims.ac.in

18	28.01.25	CT-15/24	A Phase 1/III, multi-centre, randomized, double-blind study of BAT3306 plus chemotherapy versus Keytruda @ plus chemotherapy to evaluate pharmacokinetics, efficacy and safety in participants with stage IV non-squamous non-small cell lung cancer. BAT-3306-002-CR	Dr. Ashish Singhal, Dept. of Surgical Oncology. Bio-Thera Solutions, Ltd.
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S No	Name	Guide/Co- guides	Year of registration /completion	University
1	Namrata Khanna	Dr. P K Maurya Dr. Dinkar Kulshreshtha	Completed in 2018 Registered in 2013	Babu Banarasi Das Univ.
2	Poonam Chaturvedi	Dr. A K Thacker (Guide) Dr. A K Singh	Completed in 2019 Registered in 2014	KGMU. Lucknow
3	Alpika Tripathi	Dr. P K Maurya	Registered in 2014	Amity University
4	Sudhi Kulshreshtha	Dr. Dinkar Kulshreshtha	Registered in 2017	Amity University

S. No	Name	Guide/Co- guides	Year of registration /completion	University
1	Ms.Vineeta Singh	Prof. Nuzhat Husain	Completed in 2017	Dr.B.BRao Ambedkar
2	Ms.Swati Kumari	Prof. Nuzhat Husain	Completed in 2017	Integral University
3	Ms.Kainat Khan	Prof. Nuzhat Husain	Completed in 2018	Dr.AKTU, Lucknow
4	Mr Sridhar Mishra	Prof. Nuzhat Husain	Completed in 2018	Integral University
5	Ms. Sanya Arshad	Prof. Nuzhat Husain	Completed in 2021	KGMU, Lucknow.
6	Mr. Anumesh Pathak	Prof. Nuzhat Husain	Registered in 2015	Babu Banarasi Das Univ.
7	Mr. Alok Kumar	Dr. Pradyumn Singh	Completed in 2020	Baba Bhim Rao Ambedkar Central Univ
8	Mr.Rahul Kr.Pandey	Prof. Nuzhat Husain	Registered In 2017	Integral University

List of Ph.D. Students at RMLIMS (Total 34)

- 1. Department of Neurology**
- 2. Department of Pathology**



9	Mr.Adil Husain	Prof. Nuzhat Husain	Registered In 2018	Integral University
10	Mr. Prankur	Dr. Pradyumn Singh	Registered In 2020	Integral University
11	Mr. Devbrat	Dr. Nuzhat Husain	Registered in 2024	Integral University
12	Mr. Nishant Kumar Singh	Dr. Nidhi Anand	Registered in 2022	Amity University
13	Ms. Agrika Gupta	Dr. Nidhi Anand	Registered in 2022	Amity University

3. Department of Biochemistry

S No	Name	Guide/Co- guides	Year of registration /completion	University
1	Ms. Divya Prasad	Dr. Vandana Tiwari	Registered in 2021	Amity University
2	Ms Shefali Singh	Dr. Manish Raj Kulshrestha	Registered in 2021	Abdul Kalam university
3	Mrs. Poonam Tiwari	Dr. Vandana Tiwari	Registered in 2022	Amity University
4	Ms. Shivani Singh	Dr. Vandana Tiwari	Registered in 2021	Amity University
5	Miss Akanksha Gupta	Dr.Vandana Tiwari	Registered in 2022	Lucknow University

4. Department of Microbiology

S No	Name	Guide/Co- guides	Year of registration /completion	University
1	Ms. Tanushree Chaterjee	Dr. Manodeep Sen	Completed in 2017	Amity University
2	Ms. Chandani Tandon	Dr. Manodeep Sen	Completed in 2018	Amity University
3	Ms. PushpaYadav	Dr. Manodeep Sen	Registered in July 2016	Amity University
4	Ms. Sonakshi Rastogi	Dr. Vineeta Mittal	Completed in 2020	Amity University
5	Ms. Reeta Maurya	Dr. Manodeep Sen	Registered in July 2017	Amity University
6	Ms. Surabhi Shukla	Dr. Vineeta Mittal	Registered in July 2017	Amity University
7	Mr. Sudhakar	Dr. Manodeep Sen	Registered in Jan 2018	Amity University
8	Ms Niharika Pandey	Dr. Vineeta Mittal	Registered in 2019	Integral University
9	Ms. Ruby George	Dr. Manodeep Sen	Registered in 2021	Amity University
10	Mr.Abhishek Nandy	Dr. Anupam das	Registered in 2021	Amity University

5. Department of Gyne &Obse

S No	Name	Guide/Co- guides	Year of registration /completion	University
1	Miss Saria Anjum	Dr. Smriti Agarwal	Registered in 20	IITR,Lucknow

6. Department of Pediatrics

S No	Name	Guide/Co- guides	Year of registration /completion	University
1	Miss Shalini Jaiswal	Dr. Neha Rai	Registered in 2022	Lucknow university



WORKSHOPS/LECTURES/MEETINGS ORGANIZED BY THE RESEARCH CELL

A. Workshops

1. Workshop on Research Methodology: “How to Write a Research Project”				
S.no.	Lecture	Duration	Topics covered	Invited faculty:
1.	-	28 th Feb 2011- 4 th Mar 2011	Elements of a research project, Research Methodology, Clinical Trial	Prof. Arun Chaturvedi
				Dr. G.G. Agarwal
				Prof. Nuzhat Husain
2. Basic Workshop on Biostatistics				
2.	-	2 nd -3rd Nov. 2012	Basic Statistics in Research & Software’s Applying Statistics in Medical Research	Prof. C.M. Pandey
				Dr. Uttam Singh
3. Workshop on Faculty Development Program-Introductory Course on Research Methodology & Biostatistics				
3.	-	8 th -9 th Nov. 2019	Introductory Course on Research Methodology & Biostatistics	Dr Piyush Kant Rai
				Dr. Anoop Kumar
B. Lectures/ Seminars:				



4.	Lecture-1	14 th May 2011	Rheumatoid Arthritis Multisystem Manifestation	Prof. SharadLakhanpal, Clinical Professor of Internal Medicine, UT South-western Medical School, Dallas, Tx, USA
5	Lecture-2	01 st July 2011	Quality in Health Care	Dr. Hem Chandra, HOD, Hospital Administration, SGPGIMS, Lko.
6	Lecture -3	19.01.2013	Sample Size Calculation	Dr C.M. Pandey, Head Dept. of Biostatistics, SGPGIMS, Lucknow
7	Lecture-4	08.11.13	Planning & Managing an Organisational set up	Dr. TriptiBarthwal, Professor, Lal Bahadur Shastri Institute of Management &Development Studies.Lucknow
8	Lecture-5	22.11.13	Leadership & Organisational Development	Dr. TriptiBarthwal
9	Lecture-6	29.11.13	Crisis Management & Management by Crisis	Dr. TriptiBarthwal,
10	Lecture-7	06.12.13	Managing Attitudinal & Organisational Change	Dr. TriptiBarthwal,
Basic Course in Research Methodology for PG/ PhD students' Academic Year 2013-14				
11	Lecture-8	11.01.14	Introduction to Clinical Research	Prof M K Mitra
12	Lecture-9	18.01.14	Planning of Research Studies- Research Question and Research Hypothesis, Defining aims and objectives	Prof. AmitaAggarwal
13	Lecture-10	23.01.14	Study Design, Study sample, Randomization	Prof. RakeshAggarwal
14	Lecture-11	24.01.14	Blinding, Intervention, Variables, Outcome assessment etc	Prof. RakeshAggarwal
15	Lecture-12	25.01.14	Planning of Research Studies - Literature Review, Indexing Publication Indices, CitationIndexetc	Prof. Amita Jain
16	Lecture-13	01.02.14	Design and conduct of Clinical Trials	Prof. Arun Chaturvedi
17	Lecture-14	08.02.14	The tips of scientific podium presentation	Dr. A.B. Pant
18	Lecture-15	11.02.14	Ethical Issues in Biomedical Research	Prof. MLB Bhatt
19	Lecture-16	14.02.14	Case Control Study	Prof. R.C. Ahuja



20	Lecture-17	15.02.14	Understanding Health Economics and Cost analysis	Dr. S.P. Mishra
21	Lecture-18	22.02.14	Diagnostic test evaluation	Dr. Rashmi Kumar
22	Lecture-19	28.02.14	Assessing and reporting adverse events	Dr M L B Bhatt
23	Lecture-20	01.03.14	Cohort Study	DrArun Chaturvedi
24	Lecture-21	08.03.14	Writing and publishing Research studies	Dr. Nuzhat Husain
25	Lecture-22	28.03.14	Data Collection and Data Management	Dr G GAgarwal,
26	Lecture-23	05.04.14	Administration and Budget Management	DrShally Awasthi

BASIC COURSE IN BIOSTATISTICS FOR P.G. /Ph.D. STUDENTS ACADEMIC YEAR 2013-14

Lectures and practical were organized.

Course Coordinator: Prof. C.M. Pandey/ Dr Uttam Singh

Dept. of Biostatistics and Health Informatics, SGPGIMS, Lucknow

S.N	Date	Lecture	Practical
1	24/4/14	Definition and scope of Biostatistics in Medical Research: types of data and their properties	Introduction of statistical computing and SPSS
2	25/4/14	Descriptive Statistics (Concept of central tendency, dispersion, skewness, Kurtosis in biological data)	Management of Research data using SPSS and Computation of descriptive statistics
3	28/4/14	Methods of Correlation and regression	Statistical Graphics using SPSS
4	29/4/14	Logistic regression	Computation of correlations and Regressions analysis
5	05/5/14	Sampling techniques and sample size calculation	Computation of sample size/power
6	06/5/14	Hypothesis testing: Concept, Parametric, Non-parametric tools, power	Computation of Chi Sqr, Testing of mea and ANOVA
7	07/5/14	Survival analysis	KM Survival Analysis
8	08/5/14	Measures of Morbidity and Mortality	General data analysis and Management
9	12/5/14	Clinical Trials design and analysis	General data analysis and Management
10	13/5/14	Evaluation of Diagnostic tests	General data analysis and Management



Basic Course in Research Methodology for PG/ Ph.D.students Academic Year 2014-15

S.No	Date	Timings	Topic	Faculty
1	19.01.15	3:30 - 5:00pm	Introduction to clinical research	Prof. M K Mitra
2	21.01.15	3:00 - 5:00pm	Planning of Research Studies- Research Question and Research Hypothesis, Defining aims and objectives	Prof. Nuzhat Husain
3	24.01.15	12:00 - 2:00pm	Study Design and sampling	Prof. Arun Chaturvedi
5	28.01.15	3:00-5:00 pm	Cohort Study	Prof. Arun Chaturvedi
6	31.01.15	12:00 - 2:00pm	Design and conduct of clinical trials	Prof. Arun Chaturvedi
7	04.02.15	3:00-5:00 pm	Planning of Research Studies - Literature Review, Indexing Publication Indices, Citation Index etc.	Prof. Amita Jain
8	07.02.15	12:00 - 2:00pm	Ethical Issues in Biomedical research	Prof. M L B Bhatt
9	11.02.15	3:00-5:00 pm	The tips of scientific podium presentation	Dr. A B Pant ,IITR
10	14.02.15	12:00 - 2:00pm	Understanding Health Economics and Cost analysis	Prof. Shally Awasthi
11	18.02.15	3:00-5:00 pm	Diagnostic test evaluation	Prof. Rashmi Kumar,
12	21.02.15	12:00 - 2:00pm	Assessing and reporting adverse events	Prof. M L B Bhatt
13	25.02.15	3:00-5:00 pm	Case Control Study	Prof. R C Ahuja
14	02.03.15	12:00 - 2:00pm	Writing and publishing Research studies	Prof. Nuzhat Husain
15	13.03.15	2:00-4:00 pm	Data Collection and Data Management	Prof. G GAgarwal,
16	31.03.15	3:00-5:00 pm	Concluding LectureFor Research Methodology Course	Prof. Arun Chaturvedi

BASIC COURSE IN BIostatISTICS FOR P.G. AND Ph.D. STUDENTS AT RMLIMS-2014-15

Lecture-	Time: 3:00-4:00 pm
	Venue: Conference Hall, Ground Floor, Administrative Block, RMLIMS
Practical- RMLIMS	Time: 4:00-5:00 pm, Venue: Library, Third Floor, Administrative Block,



Course Coordinator: Prof. C.M. Pandey, Dept. of Biostatistics and Health Informatics, SGPGIMS, Lucknow			
S.N	Date	Lecture	Practical
1	06.04.15	Definition and scope of Biostatistics in Medical Research: types of data and their properties (Prof. C.M. Pandey)	Introduction of statistical computing and SPSS (Dr. P. Mishra)
2	07.04.15	Descriptive Statistics (Concept of central tendency, dispersion,Skewness, Kurtosis in biological data (Prof. C.M. Pandey)	Management of Research data using SPSS and Computation of descriptive statistics (Dr. P. Mishra)
3	08.04.15	Methods of Correlation and regression (Dr. P. Mishra)	Statistical Graphics using SPSS (Dr. P. Mishra)
4	09.04.15	Logistic regression (Prof. C.M. Pandey)	Computation of correlations and Regressions analysis(Dr. P. Mishra)
5	10.04.15	Sampling techniques and sample size calculation (Prof. C.M. Pandey)	Computation of sample size/power (Prof. C.M. Pandey)
6	13.04.15	Hypothesis testing: Concept, Parametric, Non-parametric tools, power (Dr. P. Mishra)	Computation of Chi Square test, Testing of mean and ANOVA (Dr. P. Mishra)
7	15.04.15	Survival analysis &Measures of Morbidity and Mortality (Prof. C.M. Pandey)	KM Survival analysis &General data analysis and Management (Dr. P. Mishra)
8	16.04.15	Clinical Trials design and analysis (Prof. C.M. Pandey)	General data analysis and Management (Dr. P. Mishra)
9	17.05.15	Evaluation of Diagnostic tests (Dr. P. Mishra)	General data analysis and Management (Dr. P. Mishra)
10	27.05.15	Concluding Lecture on Biostatistics	

Basic Course in Research Methodology for PG/ PhD students Academic Year 2015-16

S.No	Date	Timings	Topic	Faculty
1	01.09.15	3:00 - 5:00pm	Planning of Research Studies- Research Question and Research Hypothesis, Defining aims and objectives	Prof. Nuzhat Husain
2	08.09.15	3:00 - 5:00pm	i) Study design, sampling and sample size	Prof. Arun Chaturvedi



			ii) Descriptive studies	
3	12.09.15	12:00 - 2:00pm	Literature Review, Indexing, Publication Indices, Citation Index etc	Dr. AkashAgarwal
4	15.09.15	3:00-5:00 pm	Cohort Study	Prof. Arun Chaturvedi
5	19.09.15	12:00 - 2:00pm	Diagnostic test evaluation	Prof. Rashmi Kumar
6	22.09.15	3:00-5:00 pm	Design and conduct of clinical trials	Prof. Arun Chaturvedi
7	26.09.15	12:00 - 2:00pm	Case Control Study	Prof. Arun Chaturvedi
8	29.09.15	3:00-5:00 pm	Data Collection and Data Management	Prof. G GAgarwal
9	03.10.15	12:00 - 2:00pm	Writing and publishing Research Studies	Prof. Arun Chaturvedi
10	06.10.15	3:00-5:00 pm	Concluding Lecture	Prof. Arun Chaturvedi

BIostatISTICS WORKSHOP

(Basic Course for Postgraduate & PhD students 2015-2016)

Session	Topics	Faculty
31stOctober 2015 DAY 1 Lectures: (9.30 am –2 pm) Session I (9.30am – 11am)	1. Introduction to Biostatistics 2. Types of Data 3. Graphical presentation	Clinicians: 1.Prof. Arun Chaturvedi 2.Dr. AkashAgarwal
		Statisticians: 1. Prof. G.G. Agarwal 2. Prof. C.M. Pandey 3. Dr. AkashAsthana 4. Dr. Prabhakar Mishra
<i>Tea Break (11am – 11.30 am)</i>		
Session II (11.30am – 2 pm)	1. Descriptive Statistics 2. Sampling 3. Sampling Distribution 4. Hypothesis testing 5. Sample size	Clinicians: 1.Prof. Arun Chaturvedi 2.Dr. AkashAgarwal
		Statisticians: 1. Prof. G.G. Agarwal 2. Prof. C.M. Pandey 3. Dr. AkashAsthana 4. Dr. Prabhakar Mishra
	<i>Lunch Break (2pm – 3pm)</i>	
	Practicals& Assignments: (3pm -5pm) MS Excel	



1st November 2015 (DAY 2) Lectures: (9.30 am – 2 pm) Session I (9.30am – 11am)	1. Measures of magnitude, morbidity & mortality 2. Correlation & Regression 3. Logistic Regression	Clinicians: 1.Prof. Arun Chaturvedi 2.Dr. AkashAgarwal
		Statisticians: 1. Prof. G.G. Agarwal 2. Prof. C.M. Pandey 3. Dr. AkashAsthana 4. Dr. Prabhakar Mishra
	<i>Tea Break (11am – 11.30 am)</i>	
Session II (11.30am – 2 pm)	1. Diagnostic test evaluation 2. Survival analysis 3. Testing statistical significance – clinician perspective 4. Using statistical tests – clinician perspective	Clinicians: 1.Prof. Arun Chaturvedi 2.Dr. AkashAgarwal
	<i>Lunch Break (2pm – 3pm)</i>	Statisticians: 1. Prof. G.G. Agarwal 2. Prof. C.M. Pandey 3. Dr. AkashAsthana 4. Dr. Prabhakar Mishra
	Practicals& Assignments: (3pm -5pm)	
	Introduction to SPSS	

Workshop on Good Clinical Practices on 15.02.20

Time	Topics	Speaker
Up to 10.00am	Registration	
10.00-10.15am	Inaugural Address	Prof.A.K.Tripathi, Director,RMLIMS
10.15-11.00AM	Good Clinical Practices	Dr. Shally Awasthi, HOD, Dept.of Pediadrics, KGMU
11.00-11.30AM	New ICMR Guidelines for Research	Dr.R.K. Garg,HOD, Dept.of,Neurology, RMLIMS
11.30-12.00PM	Schedule Y	Dr. Atul Jain, HOD, Dept. of Pharmacology,RMLIMS
12.00.12.30PM	How to Deal with SAE in Clinical Trials	Dr. Ashish Singhal, HOD, Dept. of Surgical Oncology, RMLIMS
12.30-1.00PM	Standard Operating Protocols of	Dr. Ritu Karoli, Associate Prof.Dept. of



	Institutional Ethics Committee	Medicine, RMLIMS.
1.00PM	Lunch	

rd
RESEARCH LECTURE SERIES on 3 July 2020

Time	Topics	Speaker
3.00pm-4.00pm	<ul style="list-style-type: none"> An introduction to Systematic Review Literature Search Strategy Bibliographic Softwares 	<ul style="list-style-type: none"> Dr. Shantanu Sapru, Dept. of Radiation Oncology. Dr. Akash Agarwal, Dept. of Surgical Oncology.
4.00pm-4.30pm	<ul style="list-style-type: none"> Clinical Key: A Physician Reference 	Dr. Charu Mehra, Customer Engagement, Elzevier

Seminar on “Medical Ethics” in Every 1st and 3rd Saturday 2020.

I. 1st Medical Ethics Seminar

Topic: Basics on Ethics Date: 4.07.20				
S. no	Seminar	Date	Speaker	Department
1	1 (1 st Saturday)	4.07.20	1. Dr. Priyanka Rai 2. Dr. Shetanshu Srivastava 3. Dr. Hemant Kumar 4. Dr. Shobhit Shakya 5. Dr. Eti Sthapak 6. Dr. Rudramani	General Surgery, RMLIMS Paediatrics, RMLIMS T.B and Chest, RMLIMS General Medicine, RMLIMS Anatomy, RMLIMS General Surgery, RMLIMS
Topic: Medical Ethics on COVID-19				
2	2 (3 rd Saturday)	4.07.20		General Surgery, RMLIMS Paediatrics, RMLIMS T.B and Chest, RMLIMS General Medicine, RMLIMS Anatomy, RMLIMS General Surgery, RMLIMS

II. 2nd Medical Ethics Seminar

Topic: “Medical Ethics in wake of Covid-19” Date: 18.07.20 (Saturday)		
S. no.	Topic	Speaker
1.	Ethical Challenges to health care system during Covid-19 pandemic-an overview	• Dr.Navbir Pasricha, Dept. of Anatomy, RMLIMS.
2.	Fiduciary duty of a doctor	• Dr. Richa Chaudhary, Dept. of Forensic Medicine, RMLIMS



3.	Attitude and communication during Covid-19	• Dr. Nitin Ashok John, Dept. of Physiology, RMLIMS.
4.	Prioritization of health care resources during Scarcity	• Dr. Vikas Singh, Dept. of General Surgery, RMLIMS.
5.	Care of Non-Covid patients	• Dr. Rohini Khurana, Dept. of Radiation Oncology, RMLIMS • Dr. Swagat Mahapatra, Dept. of Orthopaedics, RMLIMS.
6.	Critical care during Covid-19-DNR and other ethical issues	• Dr. Soumya Shankar Nath, Dept. of Anesthesiology, RMLIMS

III. 3rd Medical Ethics Seminar

Topic: “Medical Ethics in wake of COVID-19 Management of Non-Covid Patients”		
Date: 8.08.20 (Saturday)		
S. no.	Topic	Speaker
1.	Trauma and Acute Emergencies: Ethics take a back seat?	• Dr. Sunil Kumar Singh, Dept. of General Surgery, RMLIMS
2.	Does it cause a delay in the management of gynecological emergencies?	• Dr. Neetu Singh, Dept. of Obst. & Gynae., RMLIMS
3.	Chronic respiratory illnesses: A fearful situation in today's	• Dr. Mridu Singh, Dept. of General Medicine, RMLIMS
4.	Fear takes an upper hand in routine practice?	• Dr. Ashish Chandra, Dept. of ENT, RMLIMS
5.	Ultrasonography in COVID times: A change	• Dr. Shamrendra, Dept. of Radiodiagnosis, RMLIMS

IV. 4th Medical Ethics Seminar

Topic: “Doctor Patient Relationship”		
Date: 22.08.20 (Saturday)		
S. no.	Speaker	Department
1.	Dr. Sanjay Bhat	General Surgery, RMLIMS
2.	Dr. Abhilash Chandra	Nephrology, RMLIMS
3.	Dr. Roma Pradhan	Endocrine Surgery, RMLIMS
4.	Dr. Nikhil Gupta	General Medicine, RMLIMS
5.	Dr. Manish Kumar Singh	Community Medicine, RMLIMS

V. 5th Medical Ethics Seminar

Topic: “Doctor Patient Relationship Part II”		
Date: 05.09.20 (Saturday)		
S. no.	Speaker	Department
1.	Dr. Anshuman Pandey	HOD and Professor (Jr grade), Dept. of



		Gastrosurgery, RMLIMS.
2.	Dr. Ishwar Ram Dhayal	HOD and Professor (Jr grade), Dept. of Urology, RMLIMS
3.	Dr. Pradeep Kumar Maurya	Professor (Jr grade), Dept. of Neurology, RMLIMS
4.	Dr. Anurag Agarwal	Associate Professor, Dept. of Anesthesiology, RMLIMS

VI. 6th Medical Ethics Seminar

Topic: “Ethical Issues in Patient Care - Laboratory Perspective”		
Date: 19.09.20(Saturday)		
S. no.	Speaker	Department
1.	Prof. Pradyumn Singh	Professor, Dept. of Pathology, RMLIMS
2.	Dr. Anurag Gupta	Professor, Dept. of Pathology, RMLIMS
3.	Dr. Tripti Verma	Senior Resident, Dept. of Pathology, RMLIMS
4.	Prof. Jyotsna Agarwal	HOD and Professor Dept. of Microbiology, RMLIMS

VII. 7th Medical Ethics Seminar

Topic: “Ethical Issues in Emergency Area”		
Date: 03.10.20(Saturday)		
S. no.	Speaker	Department
1.	Dr. Dipti Agarwal	Prof. (Jr.Gr), Dept. of Paediatrics
2.	Dr. Neha Rai	Assist. Prof. Dept. of Paediatrics
3.	Dr. Anil Kumar	Senior Resident, Dept. of Paediatrics
4.	Dr. Pallav Singhal	Senior Resident, Dept. of Paediatrics
5.	Dr. Priyanka Pandey	Junior Resident, Dept. of Paediatrics
6.	Dr. Rajiv Ratan Singh Yadav	Assoc. Prof, Dept. of Emergency Medicine
7.	Dr. Shiv Shankar Tripathi	Assoc. Prof, Dept. of Emergency Medicine

VIII. 8th Medical Ethics Seminar

Topic: “Ethical Issues in Woman Health Care”		
Date: 17.10.20(Saturday)		
S. no.	Speaker	Department
1.	Dr. Devyani Misra	Assoc. Prof., Dept. of Obs & Gyn
2.	Dr. Rashmi Kumari	Asst. Prof., Dept. of Community Medicine
3.	Dr. Smita Chauhan	Assoc. Prof., Dept. of Gastrosurgery
4.	Dr. Namrata Rao	Assoc. Prof., Dept. of Nephrology

IX. 9th Medical Ethics Seminar

Topic: “Ethical Issues in the care of Oncology Patients”		
Date: 07.11.20(Saturday)		
S. no.	Speaker	Department
1.	Dr. Rohini Khurana	Prof and Head, Dept. of Radiotherapy



2.	Dr. Ajeet Kumar Gandhi	Assoc. Prof ,Dept. of Radiation Oncology
3.	Dr. Saurajeet Parida	Senior Resident Dept. of Radiotherapy
4.	Dr. Shreya Jalota	Junior Resident Dept. of Radiotherapy

X. 10th Medical Ethics Seminar

Topic: “Ethical issues regarding management of COVID-19 patient in ICU”		
Date: 21.11.20(Saturday)		
S. no.	Speaker	Department
1.	Dr.Soumya Shankar Nath	Associate Professor, Dept. of Anesthesiology
2.	Dr.Shilpi Mishra	Assistant Professor, Dept. of Anesthesiology
3.	Dr. Richa	Senior Resident, Dept. of Anesthesiology
4.	Dr. Bharat Bhushan Shukla	Junior Resident, Dept. of Anesthesiology
5.	Dr. Deepti Sharma	Junior Resident, Dept. of Anesthesiology

XI. 11th Medical Ethics Seminar

Topic: “Ethical issues in cardiovascular & thoracic surgical practice: A panel discussion on the current perspectives”		
Date: 05.12.20(Saturday)		
S. no.	Panel of Speakers	Department
1.	Prof. Subhash Rajput	Head and Professor, Dept. of CVTS
2.	Prof. A P Jain	Professor, Dept. of CVTS
3.	Dr.Dharmendra Kr. Srivastava	Professor Junior Grade, Dept. of CVTS
4.	Dr.Navneet Kr.Srivastava	Assistant Professor, Dept. of CVTS
5.	Dr. Abhishek Anand	Senior Resident, Dept. of CVTS
6.	Dr. Manoj Kumar	Senior Resident, Dept. of CVTS

XII. 12th Medical Ethics Seminar

Topic: “Ethical issues in the care of Cancer Patients”		
Date: 19.12.20(Saturday)		
S. no.	Speakers	Department
1.	Dr. Vikas Sharma	Asst. Prof. Dept. of Surgical Oncology
2.	Dr. Akash Agarwal	Prof. (Jr.Gr) Dept. of Surgical Oncology
3.	Dr. Bimlesh Thakur	Senior Resident, Dept. of Surgical Oncology
4.	Dr. Gaurav Singh	Senior Resident, Dept. of Surgical Oncology

XIII. 13th Medical Ethics Seminar

Date: 02.01.21(Saturday)		
S. no.	Speakers	Department
1.	Dr.Virinder Singh Gogia	Prof. (Jr.Gr), Department of PMR
2.	Dr. Prashant Verma	Prof. (Jr.Gr), Department of Gastro Medicine
3.	Dr.Gaurav Gupta	Assoc. Prof ,Department of Medical Oncology
4.	Dr. Vijay Singh	Senior Resident ,Department of Medical Oncology
5.	Dr. Ashutosh	Senior Resident ,Department of Medical Oncology



XIV. 14th Medical Ethics Seminar

Topic: “Communication Ethics on Drug use”		
Date: 16.01.21(Saturday)		
S. no.	Speakers	Department
1.	Dr. Arpita Singh	Prof. (Jr.Gr). Dept. of Pharmacology
2.	Dr. Pooja Shukla	Asst.Prof. Dept. of Pharmacology
3.	Dr. Garima Adhulia	Senior Resident, Dept. of Pharmacology
4.	Dr. Tariq Sheikh	Tutor, Dept. of Pharmacology

XV. 15th Medical Ethics Seminar

Topic: “Ethics in Medical Profession: Lesson from the Gita”		
Date: 06.02.21(Saturday)		
S. no.	Topics	Speakers
1.	Introduction to Srimad-Bhagavad-Gita	Dr Amit Ranjan, Asstt Prof,Deptt. of PMR, AIIMS Gorakhpur
2.	Revisiting Gita in Pandemic Times	Dr. Markandeya Ahuja, Eye Surgeon, VC, Gurugram University & VP, GIEO Gita & Gita Gyanam Sansthan, Kurukshetra, Haryana
3.	Dr ARJUNA in Medical Field– a relevance from Bhagavad-Gita	Dr Dantu Murali Krishna, Indian Scientist, Writer & Singer (retired as Senior General Manager from Lupin Limited), Bhopal, MP.
4.	Today’s ARJUNA “A Medical Professional” Bound By Dharma	Prof(Dr)Jaskiran Kaur, Director Management, Chandigarh Group of Colleges, Jhanjeri, Mohali, Punjab
5.	Gita Teachings on Ethics & Morality in Medical Profession	Gita Manishi Mahamandaleshwar Swami Gyananand Ji Maharaj, Founder, GIEO Gita Foundation, Sri Krishna Kripa Parivar & Gita Gyanam Sansthan, Kurukshetra, Haryana.

XVI. 16th Medical Ethics Seminar

Date: 20.02.21 (Saturday)		
S. no.	Speakers	Departments
1.	Dr. Vibha Gangwar	Assoc. Prof. Dept. of Physiology
2.	Dr. Amrita Lumbani	Senior Resident, Dept. of Physiology
3.	Dr. Shashwat Verma	Assoc. Prof, Dept. Nuclear Medicine
4.	Dr. Dhananjay Kumar Singh	Asst. Professor, Dept. Nuclear Medicine

XVII. 17th Medical Ethics Seminar

Date	Time	Topic	Speaker
06 th March 2021	08:30 am to 10:00 am	Sensitization on Transgender persons- Protection of Rights	Air Cmde (Dr.) Sanjay Sharma (Retd), CEO & Managing



		rules2020	Director ATHI, Board Member-at-Large WPATH
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XVIII. 18th Medical Ethics Seminar

Date	Time	Topic	Speaker
06 th March 2021	08:30 am to 10:00 am	Sensitization on Transgender persons- Protection of Rights rules2020	Air Cmde (Dr.) Sanjay Sharma (Retd), CEO & Managing Director ATHI, Board Member-at-Large WPATH

XIX. 19th Medical Ethics Seminar

Topic: "Medical and Nursing Ethics" Date: 17.04.21 (Saturday)		
S. no.	Speakers	Departments
1.	Mrs. Suman Singh	CNO, Dr. RMLIMS
2.	Mrs. Mishab	Tutor, Bora Institute
3.	Mrs. Mansha Kaushal	Sister Incharge, Cardiology ICCU, Dr. RMLIMS

XX. 20th Medical Ethics Seminar

Topic: Ethical Challenges in Mucormycosis Date: 19.06.21 (Saturday).		
S. no.	Speakers	Departments
1.	Ethical Dilemma faced by the Surgical Team	Dr. Ashish Chandra Agarwal, Dept. of ENT.
2.	Ethical Dilemma faced by the Surgical Team	Dr. Nikhil Gupta, Dept. of General Medicine.
3.	The Moral Duty of residents in managing mucormycosis patients	Dr. Reeta, JR3, Dept. of General Medicine.
4.	The Moral duty of nursing personnel in managing mucormycosis patients.	Mrs. Kamini, DNS.

XXI. 21th Medical Ethics Seminar

Date: 03.07.21 (Saturday)		
S. no.	Topic	Speakers
1.	Ethical Issues related to cardiology : An Introduction	Dr. Anjum Naim, Senior Resident, Dept. of Cardiology
2.	Ethical challenges in cardiology during Covid period	Dr. Ashish Jha, Associate Professor, Dept. of Cardiology
3.	Ethical Issues: Case Discussion	Dr. Bibek Agarwal / Dr. Bhuwan Chandra Tiwari Senior Resident/ Professor (Jr.) & Head, Dept. of Cardiology



XXII. 22nd Medical Ethics Seminar

Date: 17.07.21 (Saturday)		
S. no.	Topic	Speakers
1.	AETCOM (Attitude, Ethics and Communication) Module- Discussion on the use of the module.	• Dr Jyotsna Agarwal, Prof and HOD, Dept. of Microbiology.
2.	Steps to inculcate AETCOM skills in Undergraduate students and ability to write reflection and narrative on the AETCOM module	• Dr. Navbir Pasricha, Prof. (Jr.Gr), Dept. of Anatomy
3.	Case discussions and Group Exercises	• Dr. Ritu Karoli, Prof. (Jr.Gr), Dept. of Medicine • Dr. Richa Choudhury, Assoc. Prof., Dept. of Forensic Medicine • Dr. Priyanka Rai, Assoc. Prof., Dept. of General Surgery

XXIII. 23rd Medical Ethics Seminar

Date:17.07.21 (Saturday)		
S. no.	Topic	Speakers
1.	Ethics in Neurosurgery	Dr. Deepak Kumar Singh, Professor Junior Grade and Head, Dept. of Neurosurgery
2.	Ethical dilemmas in treatment of brain tumour in last trimester of Pregnancy	Dr.Mohd. Kaif, Associate Professor, Dept. of Neurosurgery
3.	Ethical dilemmas in the management of stroke patient in RMLIMS	Dr. Kuldeep Yadav, Associate Professor, Dept. of Neurosurgery
4.	Ethics in geriatric brain surgeries	Dr. Gaurav Sharma, Dept. of Neurosurgery

XXIV. 24th Medical Ethics Seminar

Date: 21.08.21 (Saturday)		
S No	Topic	Speaker
1.	Introduction-Foetal anomalies-ethical aspects	Dr Tanvir Roshan Khan, Assoc. Prof., Dept. of Paediatric Surgery
2.	Ethical Considerations in Paediatric Surgery	Dr Shrikesh Singh, Assist Prof., Dept. of Paediatric Surgery
3.	Ethical dilemmas in the management of severe congenital anomalies	Dr Shrikesh Singh, Assist Prof., Dept. of Paediatric Surgery
4.	Emerging ethical Challenges in Paediatric Surgery	Dr Tanvir Roshan Khan, Assoc. Prof., Dept. of Paediatric Surgery

XXV. 25th Medical Ethics Seminar

Date: 04.09.21 (Saturday)		
S No	Topic	Speakers
1.	Discharge against Medical advice - ethical issues.	• Dr. Jyoti Verma, Assoc. Prof, Dept. of General Medicine.
2.	“NO BED VACANT” : Ethical issues (How much ethical to say to a sick patient in	• Dr. Jyoti Pankaj, Assist Prof, Dept. of General Medicine.



	Emergency)	• Dr. Satyam Gupta, Senior Resident Dept. of General Medicine.
3.	Ethical issues: case discussion (Medical ethics in treatment of an abandoned sick patient)	• Dr. Pranshuta Verma, JR3, Dept. of General Medicine.

XXVI. 26th Medical Ethics Seminar

Date: 18.09.21		
S No	Topic	Speakers
1.	Ethical Issues during Caesarian Delivery	Dr. Malvika Misra, Dept. of OBGYN.
2.	Disclosing adverse outcome in Obstetric care	Dr. Pooja Gupta, Dept. of OBGYN. Dr. Sameena begum (JR3), Dept. of OBGYN.
3.	Case Discussion on Ethical Challenges in management of critically ill pregnant patients with covid-19.	Dr. Jyoti Singh, SR Dr. Neetu Singh, Head, Dept. of OBGYN.

XXVII. 27th Medical Ethics Seminar

Date: 16.10.21 (Saturday)		
S No	Topic	Speakers
1.	Duties of dentist in Out Patient department	Dr. Diya, Senior Resident, Dept. of Dentistry.
2.	Informed consent and patient autonomy	Dr. Madhu Yadav, Junior Resident, Dept. of Dentistry.
3.	Ethics and Ethical Issues in Psychiatry	Dr. A. Q. Jilani, Assoc. Prof., Dept of Psychiatry
4.	Legal Issues in Psychiatry	Dr. Akansha Sharma, Assist Prof. Dept. of Psychiatry.
5.	Disability benefit for person with mental illness	Dr. Natasha, Senior Resident, Dept. of Psychiatry.

XXVIII. 28th Medical Ethics Seminar

Date: 20.11.21 (Saturday)		
S No	Topic	Speakers
1.	Ethical dilemmas in dermatology	Dr. Soumya Agarwal, Asst. Prof. Dept. of Dermatology
2.	Ethical use of topical corticosteroids	Dr. Pinky, Junior Resident, Dept. of Dermatology
3.	Principles and professional standards in Ophthalmology	Dr. Sweta Singh, Senior Resident Dept. of Ophthalmology
4.	Bioethics in Ophthalmology	Dr. Ankita, Asst. Prof. Dept. of Ophthalmology

XXIX. 29th Medical Ethics Seminar

Date: 04.12.21(Saturday)		
S No	Topic	Speakers
1.	Medical Ethics in Covid-19 Vaccination: Introduction	Dr. Sugandha Jauhari, Senior Resident, Dept. of Community Medicine.
2.	Medical Ethics in Covid-19 Vaccination	Dr. Vinita Shukla, Assitt. Prof., Dept. of Community Medicine.
3.	Medical Ethics in Covid-19 Vaccination: Conclusion	Dr. Arvind Kumar Singh, Assoc. Prof., Dept. of Community Medicine.

XXX. 30th Medical Ethics Seminar

Date: 15.01.22(Saturday)		
S No	Topic	Speakers
1.	Surgeon-patient relationship	Dr. Rajan Kushwaha, Junior Resident, Dept. of



		General Surgery
2	The Surgeon and the surgical profession	Dr. Raghvendra Pratap Singh, Senior Resident, Dept. of General Surgery.
3.	The Surgeon and Society	Dr. Sanjay Kumar Bhatt, Prof. (Jr.Gr.), Dept. of General Surgery.

XXXI. 31th Medical Ethics Seminar

Topics: Good Clinical Practice Date: 19.02.22 (Saturday)		
S. no.	Name of Speakers	Department
1.	Dr. Joonmoni Lohon	Associate Professor, Dept. of Pharmacology
2	Dr. Aaliya Bari	Senior resident, Dept. of Pharmacology
3.	Dr. Divya Singh	Senior resident, Dept. of Pharmacology
4.	Dr.Amit Kumar	Senior resident, Dept. of Pharmacology

XXXII. 32th Medical Ethics Seminar

Date: 12.03.22		
Topic; Doctor Patient Relationship		
S. no.	Name of Speakers	Department
1.	Dr. Manish Kumar Verma	Associate Professor, Dept. of Physiology
2	Dr. Shibhu Awasthi	Senior resident, Dept. of Physiology
3.	Dr. Sneh Suman	Senior resident, Dept. of Physiology

Basic Course in Research Methodology for PG/ PhD students Academic Year 2016-17

S.no.	Day	Date	Time	Speaker	Topic
1	Friday	4 th Nov	16.00-17.00	Dr. Akash Agarwal	Introduction data, describing data
2	Friday	4 th Nov	17.00-18.00	Dr. Shantanu Sapru	Probability, Bayes theorem
3	Saturday	5 th Nov	17.00-18.00	Dr. Shantanu Sapru	Diagnostics and measurements, Sensitivity, Specificity, PPV, NPV, Reliability, Precision, Validity, Accuracy, ROC curves
4	Sunday	6 th Nov	10.00-12.00	Dr. Akash Agarwal	Observational and epidemiology study designs, case control studies, cohort studies, Odd ratio, Relative Risk, Attributable Risk
5	Friday	11 th Nov	16.00-17.00	Dr. Nilotpal Chowdhury	Data distribution-Binomial, Poisson, Gaussian(normal), t-distribution, z-distribution, Samples and Sampling method, Central Limit Theorem (CLT)
6	Friday	11 th Nov	17.00-18.00	Dr. Shantanu Sapru	Measures of central tendency Mean, Median, Mode, Range, Std deviation, Std.error, Std.error of mean, Confidence Intervals.



7	Saturday	12 th Nov	15.00-15.30	Dr. Nilotpal & Dr. Shantanu	Revision and discussion
8	Saturday	12 th Nov	15.30-17.30	Dr. Nilotpal & Dr. Shantanu	Statical Interference, p value,parametric v/s non parametric testing, null hypothesis
9	Sunday	13 th Nov	10.00-12.00	Dr. Nilotpal Chowdhury	t-tests,ANOVA, Contingency tables, χ^2 test, Fisher's exact test, Mann-Whitney U-test, Wilcoxon's test, maximum likelihood estimation
10	Friday	18 th Nov	16.00-18.00	Dr. Rakesh Agarwal	Correlation, Regression, Spearman' & Pearson's coefficients, Linear & Logistic Regression, Mann-Whitney U-test, Wilcoxon'test
11	Saturday	19 th Nov	15.00-17.00	Dr. Rakesh Agarwal	Time-to –Event(TTE)analysis focusing on Kaplan-Meire analysis &the cumulative incidence method
12	Sunday	20 th Nov	10.00-12.00	Dr. Rakesh Agarwal	Comparing TTEmethod-log rank test, Gray's test
13	Friday	25 th Nov	16.00-18.00	Drs Akash & Shantanu	Revision and discussion
14	Saturday	26 th Nov	15.00-17.00	Dr. Shaleen kumar	Harard Ratio,Cox Regression, Forest plots
15	Sunday	27 th Nov	10.00-12.00	Dr Akash Agarwal	Systematic v/s Narrative reviews, Meta-analysis
16	Friday	2 nd Dec	16.00-18.00	Drs Akash & Shantanu	Revision and discussion
17	Saturday	3 rd Dec	15.00-17.00	Drs Akash & Shantanu	Revision and discussion
18	Saturday	10 th Dec	15.00-17.00	-	Examination

Basic Course in Research Methodology for PG/ PhD students Academic Year 2017-18

S.no.	Day	Date	Time	Speaker	Topic
1	Monday	23 rd Oct	16.00-18.00	Drs Akash & Shantanu	Introduction data, describing data
2	Tuesday	24 th Oct	16.00-18.00	Dr. Akash Agarwal	Observational and epidemiology study designs, case control studies, cohort studies, Odd ratio, Relative Risk, Attributable Risk
3	Wednesday	25 th Oct	16.00-18.00	Dr. Shantanu Sapru	Probability, Bayes theorem
4	Thursday	26 th Oct	16.00-18.00	Dr. Shantanu Sapru	Diagnostics and measurements, Sensitivity, Specificity, PPV, NPV,



					Reliability, Precision, Validity, Accuracy, ROC curves
5	Friday	27 th Oct	16.00-17.00	Dr. Shantanu Sapru Dr. Nilotpal Chowdhury	Error, Bias, Reliability, Precision, Validity, Accuracy, Cronbach's α β κ statistic, Cochran Q, Inter & intra-observer differences
6	Saturday	28 th Oct	15.00-17.00	Dr. Nilotpal Chowdhury	Data distribution-Binomial, Poisson, Gaussian(normal), t-distribution, z-distribution, Samples and Sampling method, Central Limit Theorem (CLT), Measures of central tendency Mean, Median, Mode, Range, Std deviation, Std. error, Std. error of mean, Confidence Intervals.
7	Sunday	29 th Oct	11.00-13.00	Dr. Nilotpal & Dr. Shantanu	Statistical Interference, p value, parametric v/s non parametric testing, null hypothesis
8	Monday	30 th Oct	16.00-18.00	Dr. Nilotpal Chowdhury Dr Akash Agarwal	Revision and discussion
9	Tuesday	31 th Oct	16.00-18.00	Dr. Nilotpal Chowdhury	t-tests, ANOVA, Contingency tables, χ^2 test, Fisher's exact test, Mann-Whitney U-test, Wilcoxon's test,
10	Wednesday	1st Nov	16.00-18.00	Dr. Nilotpal Chowdhury	Correlation, Regression, Spearman's & Pearson's coefficients,
11	Thursday	2nd Nov	16.00-18.00	Dr. Nilotpal Chowdhury	Linear & Logistic Regression, Mann-Whitney U-test, Wilcoxon's test, Cox Regression, Hazard ratio
12	Friday	3 rd Nov	16.00-18.00	Drs Akash & Shantanu	Revision and discussion
13	Saturday	4 th Nov	11.00-13.00	Dr. Arun Chaturvedi	Correlation, Regression, Spearman's & Pearson's coefficients, Linear & Logistic Regression, Mann-Whitney U-test, Wilcoxon's test, Cox Regression,
14	Monday	6 th Nov	16.00-18.00	Dr. Arun Chaturvedi	Time-to-Event (TTE) analysis focusing on Kaplan-Meier analysis & the cumulative incidence method Comparing TTE method-log rank test, Gray's test, Hazard ratio, Forest Plot.



15	Tuesday	7 th Nov	10.00-12.00	Dr Akash Agarwal	Systematic v/s Narrative reviews, Meta-analysis
16	Wednesday	8 nd Dec	16.00-18.00	Drs Akash&Shantanu	Revision and discussion
17	Saturday	18 th Dec	15.00-16.00	-	Examination

Examination:

Examination of PG students and Ph.D. scholars for the courses in Research Methodology and Biostatistics was conducted by the Research Cell; 14 students were appeared in the examination held on 30.08.14 (for session 2013-14); 14 students were appeared in the examination held on 03.06.15 (for session 2014-15), 22 students were appeared in the examination held on 01.12.15 (for session 2015-16), 23 students were appeared in the examination held on 10.12.16 (for session 2016-17), 40 students were appeared in the examination held on 18.11.17 (for session 2017-18) and 44 students were appeared in the examination held on 10.11.18 (for session 2018-19)

C. Meetings organized:

- 1. Institutional Ethics Committee meeting** held at RMLIMS on 2nd April 2011, 3rd March; 2012, 24th November 2012, 6th April 2013, 30th November 2013, 10th May 2014, 15th November 2014, 2nd May 2015, 8th May 2015, 17th Feb 2016, 3rd March 2016, 09th March 2016, 09th March 2017, 6th April 2017, 27th April 2017, 27th November 2017, 15th March 2018, 22nd March 2018, 19th April 2018, 6th September 2018, 31st January 2019, 28th March 2019, 2nd May 2019, 29th August 2019, 12th September 2019, 11th December 2019, 12.12.19, 13th Feb 2020, 19th Mar 2020, 28th May 2020, 13th Aug 2020, 30th Dec 2020, 11th Jan 2021, 1st July 2021, 28th Oct. 2021, 08th Nov.2021, 11th March 2022, 21th April, 2022, 21st July, 2022, 22nd Aug.2022, 25th Aug. 2022, 08th Sept.2022, 23rd Jan. 2023, 24th Mar.2023, 06th April 2023, 27th April 2023, 01st May 2023, 08th May 2023, 18th May 2023, 29th Aug.2023, 28th Nov.2023, 29th Feb.2024, 04th March 2024, 2nd April 2024, 1st May 2024, 16th May 2024, 3rd June, 2024, 13th June 2024, 07th Aug, 2024, 16th Oct., 2024, 11th January, 2025 and 5th February, 2025. (Total: 62).
- 2. Research Committee meetings** held at RMLIMS on 21st April 2011, 9th December; 2011, 30th June 2012, 9th March 2013, 30th July 2013, 25th October 2013, 11th March 2014, 15th October 2014, 27th March 2015, 4th November 2015, 12th May 2016, 18th November 2016, 11th May 2017, 3rd November 2017, 23rd February 2018, 14th May 2018, 26th October 2018, 13th May 2019, 30th August 2019, 1 September 2020, 24th March 2021, 29th January 2022, 14th May 2022, 12th Dec. 2022, 19th Dec.2022, 17th Nov.2023, 16th Feb. 2024, 16th April 2024 and 16th Nov., 2024. (Total: 29)
- 3. Serious Adverse Event Committee meeting** held at RMLIMS on 23rd Dec 2019, 17th Mar 2020, 28th May 2020.
- 4. Expedited Review Committee Meeting** held at RMLIMS on 4th June 2020.

D. Interviews conducted:



Interview for the Post of Research Assistant in UPCST funded project and JRF in DST funded project was conducted by the Research Cell. An up gradation assessment from JRF to SRF of DST Inspire Fellow was also conducted by the Research Cell.

E. Short term Basic Training Program on SOP's of Institutional Ethics Committee:

A basic training program on SOP's of Ethics committee was conducted on 27.04.2017 at Conference Hall, 1st floor, Administrative block, RMLIMS by Mr.RiteshKhandelwal , (B.Pharm, MSc Clinical Research (U.K), PGDCRM, PGDPL, CCCR); Head Clinical Research - QREC Clinical Research LLP, which was attended by the Members of IEC, Dr.RMLIMS.

ACHIEVEMENTS OF RESEARCH CELL

1. Annual Research Day

- A. **Research Showcase (2021)** was conducted on 19th March 2021 to exhibit the on-going research work and scientific publication which have been done in last 2 years. The team of esteemed judges from CSIR-IITR, SGPGIMS and KGMU evaluated the posters. Research Oration was given by **Prof. R.K. Dhiman**, Director SGPIMS, Lucknow who was also the chief guest of the function. More than 120 posters were presented the function. *Dr. Jyotsna Agarwal, Dr. Kiran Preet Malhotra, Dr. Jaya Garg, Dr. Namrata Rao, Dr. Rohini Khurana* won the best poster awards amongst the faculty and *Dr. Shridhar Mishra, Dr. Anitya Srivastava and Dr. Sourajit Parida* were winner among residents and Research Scholar. MBBS student *Miss Tanya Thakar* won the best award among undergraduate students.
- B. **Annual Research Day (2022)** was celebrated on 12th September 2022 to exhibit the on-going research work and scientific publication which have been done in last one year. This Annual Research Day comprises of Oration (Online) on **"Bethikalism-A Journey in Science"** by Padma Bhushan **Dr. Shiv Kumar Sarin**, Vice Chancellor, Institute of Liver and Biliary Sciences, New Delhi. On this Occasion **Sri Durga Shanker Misra**, Chief Secretary of Uttar Pradesh Govt. was invited as a Chief Guest. A team of esteemed judges from CSIR-IITR, CDRI, SGPGIMS and KGMU evaluated the more than 80 e-posters presentation. *Dr. Namrata P. Awasthi, Dr. Kiran Preet Malhotra, Dr. Deepak Kumar Singh, Dr. Vikramjeet Singh, Dr. Neha Thakur* won the best paper awards amongst the faculty and *Dr. Shridhar Mishra and Dr. Kavya Sindhu* were winner among residents and Research Scholar. MBBS student *Miss Prashasti Verma* won the best award among MBBS students. *Dr. Vineet Kumar and Dr. Swagat Mahapatra from the Dept. of Orthopaedics and Dr. Deepak Kumar Singh from the Dept. of Neurosurgery* were given the Certificate of Appreciation for their patents. *Prof. Deepak Malviya, Head, Dept. of Anaesthesiology, Dr. Soumya Shankar Nath, Dept. of Anaesthesiology, Dr. Manish Kumar Singh, Dept. of Community Medicine, Dr Roma Pradhan, Dept. of Endocrine Surgery, Dr. Swagat Mahapatra, Dept. of Orthopaedics and Dr. Shiv Shankar Tripathi, Dept. of Emergency Medicine* were also been given Certificate of Appreciation for his/her authored book.
- C. **Annual Research Day (2023)** was celebrated on 29th November 2023 to exhibit the on-going research work and scientific publication which have been done in last three years. This Annual



Research Day comprises of Oration on **“Tools for budding Researchers - how and where to get funding”** by **Prof. Shally Awasthi**, Vice Chancellor, Bodhisattva University, UP. On this Occasion **Dr. Priyanka Bagade, Astt. Prof, CSE dept., IIT, Kanpur** delivered a lecture on **“AI in Health care”**. During Research Day Oration function NAMS Cell at Dr. RMLIMS was announced by the director Prof. Soniya Nityanand and **Prof. Rajendra Prasad** Convener, NAMS, State chapter (UP) present **“Brief overview of National Academy of Medical Sciences, India”**. A team of esteemed judges from, SGPGIMS and KGMU evaluated the more than 50 e-posters presentation. *Dr. Arpita Singh*, Dept. of Pharmacology, *Dr. Dinkar Kulshreshtha*, Dept. of Neurology., *Dr. Saumya Shukla*, Dept. of Pathology, *Dr. Anurag Agarwal*, Dept. of Anaesthesiology, won the best paper awards amongst the faculty and *Dr. Shipra Dobhal*, Dept. of Microbiology and *Dr. Ranjit Singh*, Dept. of Nephrology were winner among residents. *Ms. Shatakshi Sangal*, Dept. of Pathology won the best award among MBBS students. *Dr. Vineet Kumar*, Dept. of Orthopaedic and *Dr. Soumya Sankar Nath*, Dept. of Anaesthesiology and *Dr. Mohammad Kaif*, Dept. of Neurosurgery were given the Certificate of Appreciation for their patents. *Dr. Swagat Mahapatra*, Dept. of Orthopedic, *Dr. Shiv Shankar Tripathi*, Dept. of Emergency Medicine, and *Dr. Neha Thakur*, Dept. of Paediatrics were also been given Certificate of Appreciation for his/her authored books.

2. CME

- A. Research cell, Dr. RMLIMS was organized a CME on **National Ethical Guidelines 2017, NDCT Rules 2019 & GCP held on 10th August 2022**. Dr. Chandishwar Nath, Ex-Chief Scientist, CDRI, Dr. J S Shrivastava, Ex-Chief Scientist, CDRI, Prof. Shally Awasthi, HOD, Deptt. of Paediatrics, Faculty in-charge, Research Cell, KGMU were invited as a speaker Prof. MK Mitra, Chairperson of IEC, Dr. RMLIMS was also expressed their view on this occasion.
- B. Research cell, Dr. RMLIMS organized a CME on **National Ethical Guidelines 2017, NDCT Rules 2019 & GCP on 23th November, 2023**. On this occasion **Dr. Chandishwar Nath**, Ex-Chief Scientist, CDRI and **Dr. Jagdishwar Sahai Srivastava**, Ex-Chief Scientist, CDRI, were invited as speakers.

Summary of RESEARCH CELL, RMLIMS

S.No.	Research Activities till date	Number
I	Projects	
1.	Extramural Projects	Completed: 26, On-going: 16= Total- 42
2.	Intramural (Funded)	Completed:79, On-going: 34,Not completed:09= Total-122
3.	Intramural Non-funded	>300
4.	Short Term Scholarship (MBBS)	33
5.	DNB/PDCC/PG Thesis	570
6.	Clinical trial	Completed: 28 , Ongoing: 17 = Total: 45
II	Meetings	
a.	Institutional Ethical Committee meetings	Total:62
b.	Research Committee meetings	Total:29



c.	Serious Adverse Event Committee meeting	(Total: 03) 23 rd Dec 2019,17 th Mar 2020,28 th May, 2020.
d.	Expedited Review Committee meeting	(Total: 01) 4 th June 2020.
III	Workshop/Lecture/ Seminar	Total: Approx. 110
a.	Basic Course in Research Methodology for PG/ PhD students	Total: 06
IV	Achievements of Research cell	
a.	Constitution of Research Cell, RMLIMS	27 th June 2012
b.	Constitution of Ethics Committee, RMLIMS	2 nd April 2011
c.	Constitution of Academic Committee, RMLIMS	20 th April 2011
d.	Affiliation of RMLIMS with King George Medical University	30 th March 2012
e.	MOU signed with Command Hospital, Lucknow with RMLIMS	25 th September 2012
f.	MOU signed with Amity University, Lucknow with RMLIMS	04 th December 2012
g.	MOU signed with Integral University, Lucknow with RMLIMS	05 th March 2013
h.	Renew of MOU signed with Amity University, Lucknow with RMLIMS	July 2021
i.	Registered in Department of Scientific & Industrial Research	11 th Jan 2021 to 31 th Aug 2023
j.	Reconstitution of Institutional Ethics Committee	Nov., 2023-2026
k.	Institutional Ethics Committee is registered in CDSCO Re-registered vide registration No. ECR/913/Inst/UP/2017/RR-20	29-Apr-2020 for five years.
l.	The Institutional Ethics Committee received permanent registration certificate from NECRBHR, DHR, New Delhi	Next five years (Oct.2022 to Oct. 2027)
m.	MoU with Human Cancer registry in India ICMR-NCDIR and Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow.	17 th Oct. 2022.
n.	MoU with JHPEIGO and Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow	14 th Sept. 2023
o.	Registered in Biological Research Regulatory Approval Portal, Dept. of Biotechnology Ministry of Science and Technology.	9 th April, 2024
p.	PhD Students (Registered from other universities/colleges)	34
q.	Publications Books/Book Chapters	542 (approx.) 54 (approx.)
r.	Patents	05