



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES:SHEIKHPURA: PATNA-14**

(AN AUTONOMOUS INSTITUTE OF GOVT. OF BIHAR: (India) Statutory University by an Act of State Legislature)

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**OFFICE OF THE DEAN RESEARCH**

Memo No: - IGIMS/2026/08 / Research/

Date-20/02/2026

To

Heads/Chiefs/In-charges of all departments and all concerned,  
IGIMS, Patna.

Sub: Upcoming meeting of Institute Research Committee (IRC) on 27<sup>th</sup> and 28<sup>th</sup> February-2026

Sir/Madam,

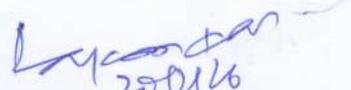
The fifth meeting of the Institute Research Committee (IRC) has been called on **27<sup>th</sup> February 2026** from **2:00 PM to 5:00 PM** and **28<sup>th</sup> February 2026** from **10:00 AM to 1:00 PM** at Director's Board room to review the proposals for Intramural Research grant. All the Principal Investigators are requested to attend meeting as per time schedule.

The schedule of presentation for IRC meeting is attached herewith.

For information and needful action.

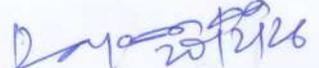
Thanking you,

Yours Sincerely

  
20/2/26  
Prof. (Dr.) Rajesh Kumar  
Dean Research  
IGIMS, Patna

Memo No: - IGIMS/2026/08 /Research/Date-20/02/2026

Copy to: Director, DDA, Dean (Acad.), Principal Medical College, Registrar, All HOD, All members' Institutional Research Committee, Supt. Engineer (Bio-Med.) for update on IGIMS website.

  
20/2/26  
Prof. (Dr.) Rajesh Kumar  
Dean Research  
IGIMS, Patna

**Intramural Research Grant review 1<sup>st</sup> Day 27<sup>th</sup> February -2026**

Sl. No.	P.I Name & Designation	Department	Project Tittles	Repotting Time
1.	Dr. Swati Professor	Anesthesiology	"Ultrasound-guided combined subtransvers interligamentary (STIL)	2:00 PM
2.	Dr. Puja Kumari Associate Professor	Anesthesiology	"Analgesic effectiveness of Methadone compared in chronic	2:00 PM
3.	Dr. Md. Jawed Akhtar Additional Professor	Anatomy	"Chromosomal Abnormalities in Couples with Recurrent Pregnancy	2:00 PM
4.	Dr. Rekha Kumari Professor & Head	Biochemistry	"Serological Evaluation of Anti-Nephrin, Anti-Podocin	2:00 PM
5.	Prof.(Dr.) Juit Ram Keshari Professor	Biochemistry	Exosomal microRNA Profiling for Early Detection of Fetal Growth	2:00 PM
6.	Dr. Kumar Pranay Scientist-I	Biochemistry	"Expression of Amphiregulin (AREG) and CXCL5 and Their Association with	2:00 PM
7.	Dr. Usha Kumari Scientist-II	Biochemistry	" Impact of Air Pollution Exposure on Inflammatory Biomarkers and Lung	2:00 PM
8.	Dr. Archana Bharti Associate Professor	Biochemistry	"Comprehensive Evaluation of DENNDIA (rs2479106) and INSR Gene	2:00 PM
9.	Dr. Sanjeev Kumar Prof. & Head	Critical Care Medicine	"Effect of a CSRD-Guided Extubation Strategy on Extubation Outcomes: A	2:00 PM
10.	Dr. Anand Dev Associate Professor	Critical Care Medicine	"Physiology-Guided Initiation of Continuous Renal Replacement	2:00 PM
11.	Dr. Anand Kumar Associate Professor	Endocrinology	"Genotype-Phenotype Correlation of Congenital Isolated	2:00 PM
12.	Prof.(Dr.) Sarita Kumari Mishra Additional Professor	ENT	"Epigenetic signature linking obstructive sleep	2:00 PM
13.	Dr. Richi Sinha Additional Professor	ENT	"A Dual-Axis Biomarker Model Integrating Inflammation and	2:00 PM
14.	Dr. Saket Kumar Associate Professor	G. I. Surgery	"Clinical Exome Sequencing of Early-Onset Non-Alcoholic Chronic	2:00 PM
15.	Dr. Sanjeev Kumar Jha Professor	Gastroenterology	"Genetic Determinants of Idiopathic Cholestatic Liver Disease in Adults	2:00 PM
16.	Dr. Ravikant Kumar Additional Professor	Gastroenterology	"Metagenomic Profiling of Gut Microbiota and its Association with	3:00 PM
17.	Prof.(Dr.) Pawan Kumar Jha Professor	General Surgery	"Assisted Sentinel Lymph Node Biopsy Using Indocyanine Green	3:00 PM
18.	Dr. Mukesh Kumar Additional Professor	General Surgery	"Detection of Postoperative Tumour Load Using Circulating Tumour DNA	3:00 PM
19.	Dr. Bhim Ram Additional Professor	General Medicine	"To Study the Role of Regulaator Genes in Early Detection of Dilated	3:00 PM
20.	Dr. Manoj Kumar Choudhary Additional Professor	General Medicine	"Association of serum fibroblast growth factor 21 and thyroid control	3:00 PM
21.	Dr. Samir Kumar Additional Professor	General Medicine	"Evaluation of Tumor Necrosis Factor-alpha- targeted monoclonal	3:00 PM
22.	Dr. Jyoti Kumar Dinkar Associate Professor	General Medicine	"Gut Microbiome Signatures in Early Rheumatoid Arthritis and Their	3:00 PM
23.	Dr. Govind Prasad Associate Professor	General Medicine	"Genomic Studies on Entamoeba histolytica Strains Isolated from Liver	3:00 PM

*[Handwritten Signature]*

24.	Dr. Shuchismita Additional Professor	Hematology	"Study the Link between Differential Serum Protein Expression and	3:00 PM
25.	Dr. Iffat Jamal Additional Professor	Hematology	"Newborn Screening for Thalassemia and Hemaglobinopathies: A Hospital-	3:00 PM
26.	Prof. (Dr.) Namrata Kumari HOD	Microbiology	"Role of Nanoparticles on MRSA, VRSA and Biofilm-Forming	3:00 PM
27.	Dr. Nidhi Prasad Additional Professor	Microbiology	"Pilot study on Detection, Molecular Characterization, and Whole Genome	3:00 PM
28.	Dr. Randhir Kumar Additional Professor	Microbiology	"Metagenomic Surveillance of Antimicrobial Resistance in Hospital	3:00 PM
29.	Dr. Raj Kishor Sharma Assistant Professor	Microbiology	"Targeted Environmental Surveillance of Multidrug-Resistant	3:00 PM
30.	Dr. Archana Assistant Professor	Microbiology	"Diagnostic accuracy and screening potential of self-collected vaginal	3:00 PM
31.	Dr. Abhay Kumar Scientist-II	Microbiology	"Antibiotic resistance profiling and molecular characterization of	4:00 PM
32.	Dr. Rishikesh Kumar Scientist-I	Microbiology	"Development of nanotechnology based combinational drug delivery	4:00 PM
33.	Dr. Prit Pal Singh Professor	Nephrology	"Diagnostic Utility of Whole Exome Sequencing in Patients with Chronic	4:00 PM
34.	Dr. Rajeshwar Rao Assistant Professor	Nephrology	"Association of APOL1 Risk Variants with Chronic Kidney Disease in a	4:00 PM
35.	Dr. Dushyant Kashyap Assistant Professor	Neurosurgery	"Demographic profile and etiological factors for traumatic brain injuries in	4:00 PM
36.	Dr. Manas Ranjan Deo Assistant Professor	Neurosurgery	"Epidemiology of intracranial tumors at a tertiary care institute in Bihar: A	4:00 PM
37.	Dr. Archana Sinha Professor	Obst. & Gynae	"Genetic susceptibility of intrahepatic cholestasis of pregnancy: A case-	4:00 PM
38.	Dr. Dipali Prasad Professor	Obst. & Gynae	"Estimation of Oxidative Stress Biomarkers and trace Elements in	4:00 PM
39.	Dr. Sadia Parween Additional Professor	Obst. & Gynae	"Fetal Pulmonary Artery Doppler As A Predictor of Adverse Neonatal	4:00 PM
40.	Dr. Ranjana Additional Professor	Obst. & Gynae	"Comparison of topical estrogen cream and platelet rich plasma	4:00 PM
41.	Dr. Jyotsna Pathak Associate Professor	Obst. & Gynae	"Maternal and perinatal outcome in pregnant women with Metabolic-	4:00 PM
42.	Dr. Amrita Associate Professor	Obst. & Gynae	"Assessment of the need to shift from a syndromic approach to	4:00 PM
43.	Dr. Jaya Kumari Associate Professor	Obst. & Gynae	"Single nucleotide polymorphism of CYP11A1 and CYP19 gene as a novel	4:00 PM
44.	Dr. Ritesh Runu Professor	Orthopedics	"Evaluation of Tissue Metagenomic Next Generation Sequencing for	4:00 PM
45.	Dr. Abhijeet Subhash Additional Professor	Orthopedics	"Prevalence, Determinants, and Functional Impact of Sacropenia in	4:00 PM
46.	Prof. (Dr. Manish Kumar Prof. & Head	Pharmacology	"Effect of Probiotic Add-On to Optimized 14-Day Bismuth	4:00 PM
47.	Dr. (Prof.) Rakesh Kumar Professor	Pediatrics	"Detection of Genetic etiology of Autism Spectrum Disorder in children	4:00 PM
48.	Dr. Anand Kumar Gupta Additional Professor	Pediatrics	"Study of Genetic mutations in Children with Thalassemia in Bihar."	4:00 PM

*Rajesh*

### Intramural Research Grant Review 2<sup>nd</sup> Day 28<sup>th</sup> February -2026

Sl. No.	P.I Name & Designation	Department	Project Tittles	Repotting Time
49	Dr. Priyanka Child Psychologist	Pediatrics	"Effect of Structured Music Therapy on Anxiety and	10:00 AM
50.	Dr. Vinit Kumar Thakur Professor	Pediatric Surgery	"Development of an Integrated Clinicopathological-Molecular	10:00 AM
51	Prof. (Dr.) Bipin Kumar Professor & Head	Pathology	"Baseline Molecular Profiling of Autophagy-mTOR Signalling	10:00 AM
52.	Dr. Reecha Singh Professor	Pathology	"Integrating Serum Bile Acid ELISA and-Liver Biopsy for Early	10:00 AM
53.	Dr. Kalpana Chandra Additional Professor	Pathology	"Immunohistochemical Characterization of the Immune	10:00 AM
54.	Dr. Prabhat Kumar Scientist-I	Pathology	"Expression Profiling of Hypoxia-Related Genes in Peripheral	10:00 AM
55.	Dr. Nitesh Kumar Scientist-II	Pathology	"Spectrum of Mutation in Congenital Kidney and Urinary	10:00 AM
56.	Prof. (Dr.) Lalit Mohan Professor & Head	Pharmacology	"Comparative Effects of Progestins on Lipid Parameters	10:00 AM
57.	Prof. (Dr.) Hitesh Mishra Professor & Head	Pharmacology	"A Pragmatic Randomized Comparative Effectiveness Trial	10:00 AM
58.	Prof. (Dr.) Sukalyan Saha Roy Additional Professor	Pharmacology	"Molecular Surveillance of Clarithromycin, Metronidazole	10:00 AM
59.	Dr. Adil Ali Shakur Associate Professor	Pharmacology	"A Randomized, Double-Blind, Placebo-Controlled Trial of	11:00 AM
60.	Dr. Pankaj Prabhakar Scientist-I	Pharmacology	"Association of arsenic and single nucleotide polymorphism with	11:00 AM
61.	Dr. Md. Margoob Ahmad Scientist-II	Pharmacology	"Molecular analysis of claudin gene in development of breast	11:00 AM
62.	Dr. Raj Kumar Additional Prof & Head	PMR	"Genetic etiology and profile by trio-exome sequencing in	11:00 AM
63.	Dr. Santosh Kumar Additional Professor	Psychiatry	"Peripheral Inflammatory, Oxidative stress, and	11:00 AM
64.	Prof.(Dr.) Manish Shankar Professor & HOD	Pulmonary Medicine	"Development of microbiome and cytokine-based biomarkers	11:00 AM
65.	Prof. (Dr.) Bibhuti P. Sinha Professor & Chief	RIO	"Cytokines and Chemokines Profiling in Tear & Aqueous	11:00 AM
66.	Dr. Lalan Kumar Arya Scientist-II	RIO	"Development and Evaluation of a Mutation-Specific LAMP Assay	11:00 AM
67.	Dr. Abhishek Anand Additional Professor	RIO	"Prospective outcome of low dose-Suprachoroidal	11:00 AM
68.	Dr. Ankita Singh Assistant Professor	RIO	"Rupurposing Losartan: A Topical Solution to Corneal Scarring"	11:00 AM
69.	Dr. Vandana Parasar Assistant Professor	RIO	"Correlation of Pre-operative Anterior Segment OCT	12:00 AM
70.	Dr. Manisha Kumari Additional Professor	Radio-diagnosis	"Role of contrast enhanced ultrasound in the evaluation of	12:00 AM

71.	Dr. Ruchi Gupta Additional Professor	Radio-diagnosis	"Indications, Diagnostic Yield, and Comparative Performance of	12:00 AM
72.	Dr. Neetu Sinha Additional Professor	Radio-diagnosis	"Role of vacuum-assisted stereotactic breast biopsy in the	12:00 AM
73.	Dr. Rakesh Kumar Assistant Professor	Radio-diagnosis	"Study of Efficacy of Microwave Tumor Ablation in Hepatocellular	12:00 AM
74.	Dr. Shashi Singh Pawar Additional Professor	Surgical Oncology	"Evaluation of Ferroptosis-Associated Gene Expression as	12:00 AM
75.	Dr. Rajeev Kumar Associate Professor	Nuclear Medicine (SCI)	"F-18 FDG uptake based prediction of Tumour recurrence	12:00 AM
76.	Dr. Bhawana Tiwary Additional Professor	Reproductive Medicine	"Does microfluidic sperm selection improve sperm	12:00 AM
77.	Dr. Shubhanti Kumari Additional Professor	Reproductive Medicine	"The correlation of sperm DNA fragmentation index with	12:00 AM
78.	Dr. Raj Bahadur Singh Professor	Trauma & Emergency	"Identification of association of caspase-7 (rs12415607) and	12:00 AM
79.	Dr. Abhay Kumar Associate Professor	Trauma & Emergency	"To Evaluate the efficacy of selegiline in patients of traumatic	12:00 AM

