

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 1837
ANSWERED ON 29/07/2026**

FUND DISBURSED/UTILIZED IN ANRF

1837. SHRI RAJA RAM SINGH:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the details of funds allocated, disbursed and utilized by the Anusandhan National Research Foundation (ANRF) since its official operationalization, State and year-wise;
- (b) the details of total private sector contributions mobilized so far for collaborative R&D projects under this foundation year and State-wise;
- (c) the details of the specific amount of financial capital disbursed from the ANRF to universities and research institutions in the State of Bihar, break down by category of institutions (Central Universities/IITs, State Public Universities and private/autonomous colleges); and
- (d) the details number of research proposals, institutional hub-and-spoke networks and projects approved for funding in Bihar under ANRF initiatives and if so, the details thereof?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

- (a) The state and year-wise details of funds allocated to and utilised by the Anusandhan National Research Foundation (ANRF) since its operationalisation are given below and placed at Annexure I.

Financial Year	Scheme wise Budget Allocation (₹ in Cr)	Fund Utilization (₹ in Cr)
2023-24	SERB: 1004.5	SERB: 1004.5
2024-25	SERB: 721	SERB: 721
2025-26	SERB: 538.25 ANRF: 1506.00	SERB: 415.43 ANRF: 603.40
2026-27 (up to 21/07/2026)	SERB: 543.25 ANRF: 2000.00	SERB: 26.01 ANRF: 76.58

- (b) ANRF implements national, competitive, merit-based research and innovation programmes. Accordingly, private sector contributions are mobilized at the national level and are not attributable to individual States.

The details of private sector contributions mobilized by ANRF since its operationalisation are given below:

Partner Organization	Contribution by the Partner Organization (estimated)	Status
Gates Foundation	• ₹450 crore (approximately USD 50 million, i.e., USD 10 million per year for five years) in the first phase. • An additional contribution of USD 25 million in the second phase.	Lol signed for the first phase.
Wadhwani Foundation	100 Crore	Lol signed
Assorted Industries	45 Crore	Committed in Mission for Advancement in High-impact-Electric Vehicle Mission Program; example of bottom-up approach.
Qualcomm Technologies Inc.	₹90 crore (approximately USD 10 million, i.e., USD 2 million per year for five years).	Lol signed
NVIDIA Corporation	In-kind contributions valued at approximately USD 22.5 million, including access to licences and other research resources.	Lol signed
Google	Approximately ₹54 crore (Letter of Intent (LoI) for USD 6 million), including USD 2 million for Year 1 of the first phase.	Lol signed

(c) The category-wise details of funds released by the Anusandhan National Research Foundation (ANRF) under various R&D projects to universities and

research institutions in the State of Bihar during the last three years and the current year are given below:

Institute Type	Funds released (₹ in Cr.)
Central University (Public)	2.07
College (Public)	0.10
Deemed University (Private)	0.76
Institution under central government (IIT's, NIT's, IISER etc.)	16.86
Institution under state government	0.16
Private University	0.10
State University (Public)	3.48

(d) The programme-wise details of research proposals/projects approved for funding under various ANRF initiatives in the State of Bihar during the last three years and the current year are given below. No institutional hub-and-spoke network has been approved in the State of Bihar under ANRF initiatives during the said period. The details of projects approved for funding in the State of Bihar under various ANRF initiatives are placed at Annexure II.

Program	Number of projects approved
Advanced Research Grant	20
ARG-MATRICS	6
Core Research Grant	16
Empowerment and Equity Opportunities for Excellence in Science	6
Inclusivity Research Grant	12
MATRICS	5
National Post Doctoral Fellowship (N-PDF)	9
Prime Minister Early Career Research Grant	22
Prime Minister Professorship	1
Ramanujan Fellowship	1
SERB-POWER Grant	1
Start-up Research Grant	11
State University Research Excellence (SERB SURE)	6
Teachers Associateship for Research Excellence (TARE)	1

The year-wise and State-wise details of funds allocated and assigned under various ANRF programmes are given below:

State/UT	Year					
	2024		2025		2026	
	Budget Allocation (₹ in Crore)	Fund Assigned (₹ in Crore)	Budget Allocation (₹ in Crore)	Fund Assigned (₹ in Crore)	Budget Allocation (₹ in Crore)	Fund Assigned (₹ in Crore)
Andhra Pradesh	1.76	0.54	17.12	8.31	47.10	19.25
Arunachal Pradesh	0.00	0.00	1.91	1.03	1.85	0.80
Assam	3.53	1.19	22.69	10.99	55.23	23.16
Bihar	0.00	0.00	8.56	4.32	30.81	12.30
Chandigarh	2.45	0.68	3.06	0.98	8.34	2.41
Chhattisgarh	0.00	0.00	5.73	2.93	20.95	8.15
Delhi	9.94	3.27	163.38	71.84	178.74	61.42
Goa	0.76	0.20	7.92	3.40	30.09	10.10
Gujarat	2.02	0.69	19.46	9.62	60.47	19.18
Haryana	1.95	0.39	10.09	3.97	23.56	6.68
Himachal Pradesh	0.50	0.13	12.89	6.84	33.70	12.28
Jammu And Kashmir	6.09	1.62	17.91	7.05	41.35	15.51
Jharkhand	0.50	0.13	15.36	8.97	43.14	21.88
Karnataka	15.41	4.45	194.37	84.96	235.26	83.34
Kerala	2.70	0.68	27.64	12.00	83.52	32.94
Ladakh	0.00	0.00	0.55	0.32	0.07	0.07
Madhya Pradesh	3.21	0.62	134.65	66.36	78.93	31.22
Maharashtra	7.85	2.26	210.81	94.17	195.77	67.67
Manipur	0.25	0.06	2.91	0.91	6.34	1.73
Meghalaya	0.00	0.00	2.78	1.22	5.88	2.53
Mizoram	0.25	0.13	3.49	1.47	4.20	1.87
Nagaland	0.00	0.00	1.03	0.58	5.20	2.14
Odisha	8.97	2.18	119.71	33.97	82.85	29.29
Puducherry	0.25	0.07	3.56	1.18	8.86	1.86
Punjab	6.27	1.42	128.01	63.41	66.85	25.35
Rajasthan	0.25	0.06	35.02	16.72	56.10	25.87
Sikkim	0.25	0.07	1.18	0.63	3.51	1.28
Tamil Nadu	5.98	1.88	64.84	29.23	168.23	67.12
Telangana	5.04	1.63	221.13	109.73	150.85	51.39
Tripura	0.25	0.07	3.80	1.87	4.04	2.39
Uttar Pradesh	11.75	2.50	168.61	103.71	220.46	92.81
Uttarakhand	3.21	0.91	30.56	15.74	61.66	26.89
West Bengal	15.67	4.68	89.77	41.25	188.02	65.79

The details of projects approved for funding in the State of Bihar under various ANRF initiatives are as follows:

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
1	Adaptive and Granular DDoS Defense in Microservice-Based Cloud Systems via Container-Aware Traffic Redirection and Resource-Conscious Isolation Mechanisms	Indian Institute of Technology	2025-26	5977440
2	Design and Development of a Retrofit Silencer for Underwater Air Nozzles: Bubble-Acoustic Noise Mitigation Without Nozzle Modification	Indian Institute of Technology	2025-26	12927999
3	Many-body interfacial phenomena in ultrathin 2D semiconductor/magnet heterostructures	Indian Institute of Technology	2025-26	8975998
4	Stirred Tank Leaching System for Selective Recovery of Rare Earth Elements from Spent NdFeB Permanent Magnets using Organic Acid-based Deep Eutectic Solvent	Indian Institute of Technology	2025-26	6217440
5	Development of Natural and Cost-Effective Biogrout using Indigenous Soil Bacteria through Microbially Induced Carbonate Precipitation (MICP) for Ground Improvement and Surface Erosion Control	Indian Institute of Technology	2025-26	5383440
6	An Integrated Study on Fluvial Deposits of River Systems in Western Peninsular India: Insights into Provenance, Depositional Processes and Active Tectonics	Central University of South Bihar	2025-26	8604000
7	Cryogenic Deformation of Alloy 718Plus®: Enhancing Cryogenic Tribology for Aircraft Engines	Indian Institute of Technology	2025-26	8937255
8	Development and Evaluation of Novel Composite Retrofitting Systems for Integrated Seismic Strengthening and Thermal Insulation of Buildings	Indian Institute of Technology	2025-26	5370090
9	Microrobot-Aided Mechanoporation for In-Vitro Drug Delivery in Cancer Cells: Pioneering Personalized Drug Screening for Improved Patient Outcomes	Indian Institute of Technology	2025-26	6975189
10	SwarShiksha: Voice-Powered Learning in Indian Languages for Visually Impaired Children	National Institute of Technology	2025-26	8503732

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
11	SportMitra: Real-Time, Multimodal & Multilingual AI Agents for India's Sports	Indian Institute of Technology	2025-26	10247494
12	Theranostic PDMS Microparticles for Cancer Cell Capture and Inflammation-Responsive Healing in Vascular Microenvironments	Indian Institute of Technology	2025-26	6326253
13	Enhancing Rice Durable Resistance through Rhizoctonia solani Effector and Metabolite-Based Vaccination	National Institute of Technology	2025-26	8491200
14	Reconstruction of the Miocene Climatic Shifts and Biotic response from Kutch Basin, India: Biostratigraphic and palaeobiogeographic implications	Central University of South Bihar	2025-26	7024800
15	Explainable AI-based Multimodal Neuroimaging Biomarker Discovery and Computer-Assisted Diagnostic System for Early Autism Spectrum Disorder in Infants and Children	Indian Institute of Technology	2025-26	6701760
16	AI-powered Breast Cancer Diagnostics: From Segmentation and Density Assessment to Classification and Prognosis with 3D Digital Breast Tomosynthesis	Indian Institute of Technology	2025-26	2713440
17	Coupled Gas Migration and Fracture Evolution in Na-Montmorillonite-Filled Granite for underground disposal of high level nuclear waste	Indian Institute of Technology	2025-26	5793672
18	Socially-Interactive Vacuum Cleaning Robot for On-Human Demand and Human-Instructed Cleaning	Indian Institute of Technology	2025-26	9681313
19	Design and development of an optoelectronic audio cryptosystem	Indian Institute of Technology	2025-26	9975552
20	Novel Multifunctional Biodegradable Aerogel Based Packaging System for Litchi Fruits	Bihar Agricultural University,	2025-26	7345584
21	Spectral-Hyperbolic Neural Operators with Fractional Optimization and Topological Attention for Interpretable Biomedical Signal Learning	Indian Institute of Technology	2025-26	3000000
22	Proximal Point Algorithms with Quasi-Distance for Robust Optimization Problems on Riemannian Manifolds via Limiting Subdifferential: Convergence Analysis and Finite Termination	Indian Institute of Technology	2025-26	3000000
23	Truncation error estimates & deep learning methods for pricing exotic options under regime-switching jump diffusion framework and computation	Indian Institute of Technology	2025-26	3000000

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
24	Atomic-Scale Insights into Ion Transport and Interfacial Chemistry at Semiconductor-Ionic Interfaces in Emerging fuel cell technologies Using Density Functional Theory (DFT) and Molecular Dynamics (MD)	Indian Institute of Technology	2025-26	3000000
25	Intelligent Reflecting Surface Aided Vehicle-to-Everything (V2X) Communication: Applications, Performance Analysis, and Joint Optimization of IRS Beamforming and Power Control.	Indian Institute of Technology	2025-26	3000000
26	Development of an air-ground data acquisition system to enable virtualized platform for IoT applications	Indian Institute of Technology	2025-26	2400000
27	Investigation of antigenicity and immunoprophylactic activity of unique C-terminal peptide/epitope of Leishmania donovani 3-mercaptopyruvate sulfur transferase	Rajendra Memorial Research Institute of Medical Sciences	2024-25	5215540
28	Development of Secure Mixed Terahertz-Underwater Wireless Optical Communication Systems for Naval Applications	Rajendra Memorial Research Institute of Medical Sciences	2024-25	5766480
29	Advanced Rocket Fuels and Oxidizers for Green Hypergolic Hybrid Propulsion System	Indian Institute of Technology	2024-25	7200000
30	Engineering Quantum Confinement in Layered Materials	Indian Institute of Technology	2024-25	5612604
31	Developing Standardized RF Data Frameworks for AI-Powered 6G Networks	Central University of South Bihar	2024-25	6261560
32	Investigating Rice Resilience Through Nocturnal Stomatal Conductance and Architecture Under High Temperature and Drought Stresses	Bihar Agricultural University	2024-25	6756914
33	Developing Secure Maritime Tactical Communication System via Reconfigurable Intelligent Surface-aided Hybrid Satellite-Terrestrial Network	National Institute of Technology	2024-25	4188990
34	Identification and functional validation of gene(s) controlling seed size in makhana (Euryale ferox Salisbury)	Bihar Agricultural University	2024-25	6024732
35	Whole Genome Sequencing and Evolutionary Insights of Endangered Medicinal Plant Species Curcuma caesia (Black Turmeric)	Bihar Agricultural University	2024-25	7155840

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
36	AI- Driven Automated Satellite Image Analysis for Real-Time Land Subsidence Monitoring, Prediction and Alert Systems	Indian Institute of Technology	2024-25	3145380
37	Transcriptomics intervention and elucidation of transcription factors associated with spine formation in makhana (<i>Euryale ferox</i> Salisb.)	Bihar Agricultural University	2026-27	7199941
38	Noise Unaware Semi-Supervised Approach to Image Super-resolution in Fluorescence Microscopy	Birla Institute of Technology (BIT, Patna)	2026-27	6684480
39	Energy-efficient Optoelectronic Molecular Memristor for In-memory and Neuromorphic Computation	Indian Institute of Technology	2026-27	6454920
40	Predictive Mechanistic Modeling of Resin Fouling in Fibro Prisma Chromatography from Cycling Studies	Indian Institute of Technology	2026-27	6580800
41	Development of a rapid assay for detection of Fusarium graminearum for mitigation of diseases in millets.	Central University of South Bihar	2026-27	6947114
42	Nitrogen-Embedded π-Fused Organic Scaffolds as Next-Generation Delayed Fluorescence Materials for Sustainable Light Emitting Devices	Indian Institute of Technology	2026-27	4573440
43	A Novel Atomized Dielectric Fluid-Based Wire-Electrical Discharge Micromachining Process for Ultra-Thin Slicing and Micro-Texturing of Silicon Wafers for Solar Cell and Electronics Applications	Indian Institute of Technology	2026-27	3993840
44	Development of a Rapid-Assembly Masonry System Using Fresh-Fabricated (Green-State) Ultra-Compressed Earth Blocks for Affordable and Sustainable Housing in India	Indian Institute of Technology	2026-27	3969980
45	Designing a Quantum-Resistant Security Framework for India's Digital Payments: Strengthening UPI, Banking PKI, and Offline CBDC Systems	Indian Institute of Technology	2026-27	2609040
46	Edge-Enabled Digital Twin for Multimodal Human Activity Recognition and Health Anomaly Detection in Smart Homes	Birla Institute of Technology (BIT, Patna)	2026-27	4164480
47	Portable Nanowells based Highly Sensitive Biosensor Array for Early Detection of Cardiac Troponin I	Birla Institute of Technology (BIT, Patna)	2026-27	6220020

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
48	Regulation of conformational transitions in nucleic acids by chemical modulators: A therapeutic strategy for genetic diseases	Central University of South Bihar	2026-27	6382656
49	Metallacalix[n]arene Supramolecular Complexes with Pyrimidine Nucleobases for Catalytic Applications	National Institute of Technology	2024-25	4875673
50	High-Speed Stochastic Simulation Framework for Nanostructured Materials in Advanced Biomedical Applications	Amity University Patna	2024-25	3072480
51	Innovative High-Yield Multi-Effect Solar Still and Solar-Powered VCR Air-Water Harvesting System for Potable Water Production in Domestic Applications	National Institute of Technology	2024-25	5754480
52	Development of Directed Energy Deposition Gas Metal Arc (DED-GMA) setup for fabricating Aluminium Alloy and Experimental Investigation on the Effect of Process Parameters on Metallurgical and Mechanical Properties of fabricated components	National Institute of Technology	2024-25	6059568
53	Micro-organism Physics Driven Neural Networks (MOPD-NNs) for Thermo-bioconvection in Porous Cavities	Amity University Patna	2024-25	3351952
54	In-situ/ex-situ electric field and temperature-dependent structural and microstructural study in piezoelectric Gd- CeO2 thin films	Indian Institute of Technology	2024-25	6499440
55	Biochemical and molecular characterization of fragrance and aroma in 'Katarni' and 'Marcha' rice of Bihar under Drought and Salinity stress	Bihar Agricultural University	2024-25	4477440
56	Organometallic Mn6 clusters as dual functional agents against SARS-CoV-2 viral proteins and cancer cells	National Institute of Technology	2025-26	4254480
57	Molecular Basis of Desiccation Sensitivity in Recalcitrant Makhana (Euryale ferox) Seeds Using Transcriptomics	Bihar Agricultural University	2025-26	6877440
58	ExAID: An Explainable AI-Driven Multilingual Deepfake Detection tool with Browser Integration	Bihar Agricultural University	2025-26	4344480
59	Magnetorheological Brake Roughness Noise – Modelling and Experimental Study of the Interior Noise	Indian Institute of Technology	2025-26	5759856

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
60	An Off-Grid Solar PV Powered Hybrid AC/DC Distribution System using Compact and Reliable Power Converters	Indian Institute of Technology	2025-26	6408480
61	Understanding and mitigating climate change impacts on livestock: A mission mode research initiative to improve health and strengthen food security under the vision of Atmanirbhar	Central University of South Bihar	2025-26	27500000
62	Application of Glycosylimides in the synthesis of glycomimetic molecules under visible light conditions	Indian Institute of Technology	2023-24	5643283
63	Design and Development of Novel Thermocatalysts for Selective CO₂ Hydrogenation to Ethanol	Indian Institute of Technology	2023-24	2874058
64	Sustainable Data gathering and charging in Rechargeable Wireless Sensor Networks using Mobile Sink	National Institute of Technology	2023-24	2122714
65	Coordination Driven Soft Supramolecular Metallogel Functionalized with Active Metal Ions/Cluster for Efficient Heterogeneous Catalysis	Indian Institute of Technology	2023-24	3758832
66	Design and Development of Robust and Effective Battery Thermal Management Systems (BTMS) for Electric Vehicles (EVs)	Indian Institute of Technology	2023-24	6336000
67	Development and demonstration of Nature based hybrid constructed wetlands for faecal sludge treatment: a decentralized and sustainable sanitation alternative	Central University of South Bihar	2023-24	3329120
68	Development of in vitro regeneration protocol for genetic improvement of Makhana (Euryale ferox Salisbury): A Neglected and Underutilized Food Crop	Central University of South Bihar	2023-24	4098350
69	Coalescence dynamics of aqueous droplet at nanoscale: Insight from molecular simulation	Indian Institute of Technology	2023-24	4359696
70	Nonadiabatic Quantum Reaction Dynamics of Nitrogen Exchange Reaction	Indian Institute of Technology	2023-24	4253832
71	Development of an optimized and efficient lithium-ion battery thermal management system for electric vehicles utilizing phase change material and metal foam composites	Indian Institute of Technology	2023-24	4084696

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
72	Development of data driven robust optimization for process system engineering	Indian Institute of Technology	2023-24	2688368
73	“Systematic Investigation Of Spectroscopic Factors Using Single Nucleon Transfer Reactions	Amity University	2023-24	2594592
74	Elucidating the genomic regions controlling protein content using genetic and association mapping approaches	Dr. Rajendra Prasad Central Agricultural University	2023-24	7315224
75	Systemic probes of hitherto unexplored supersymmetric parameter space.	Indian Institute of Technology	2023-24	4448592
76	State estimation for control systems governed by DAEs	Indian Institute of Technology	2023-24	3041295
77	Design and Development of High-strength Wear-resistant Aluminium-based Hybrid Composites for Airframe Wings	Indian Institute of Technology	2023-24	3820696
78	Exploring of Iron and Zinc Efficient and Tolerant Genotypes of Finger millet (Eleusine coracana L.) and Root Morphological Traits and Genotypic Variability under Diverse Nutrient Management Practices	ICAR- IARI Regional Station Pusa Bihar	2023-24	3597350
79	Design and Development of a Millimeter Wave Circularly Polarized Dielectric Resonator Antenna for Ka - Band (26.5 GHz-40 GHz) Satellite-IoT Applications.	Indian Institute of Technology	2023-24	2982216
80	Experimental investigation on wear, high temperature oxidation and hot corrosion behaviour of TiB2 reinforced Co-Cr-Mo based medium entropy alloy coating developed on AISI 316L stainless steel for industrial applications	National Institute of Technology	2023-24	5034500
81	Ultrasensitive optofluidic hybrid biosensors for specific detection of single protein molecules in real-time	Indian Institute of Technology	2023-24	3961804
82	Molecular and Pathological Characteristics of Carcinoma endometrium and their Correlation with Patient Outcomes	Indira Gandhi Institute of Medical Sciences	2023-24	4603764
83	Design and Development of Neuromorphic Quantum Computing Architectures for High Throughput and Energy Efficient Applications	Indian Institute of Technology	2023-24	2026332

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
84	Periodic Vortex Shedding Phenomenon in a Combined Laminar Wall Jet and Offset Jet Flow.	National Institute of Technology	2023-24	660000
85	Predictors and Outcomes of Loneliness in the Workplace: A Time lagged Multi-Study Investigation	Indian Institute of Technology	2023-24	660000
86	Modelling Maternal Healthcare Seeking Behaviour in response to Conditional Cash Transfers: A Regression Discontinuity Design	Indian Institute of Technology	2023-24	660000
87	Minimal Surfaces and Associated Euler Ramanujan's Type Identities	Indian Institute of Technology	2023-24	660000
88	Mathematical modeling on melting/solidification of composite phase change materials in local thermal non-equilibrium using Brinkman extended Darcy-Forchheimer equation under simultaneous charging and discharging conditions	Indian Institute of Technology	2023-24	660000
89	Analysis and Solution of Fractional Order Nonlinear Dynamical Systems Using Wavelet-Based ANN and Physics-Informed Neural Networks	Indian Institute of Technology	2025-26	2520000
90	Acousto-AI: A bubble acoustics and physics informed machine learning based soft sensor for boiling	Indian Institute of Technology	2025-26	2520000
91	Targeted Modulation of Retinal Microglia via NF-κB Signaling Using an In Situ Forming Subconjunctival Polymeric Film in Autoimmune Uveitis.	Central University of South Bihar	2025-26	2520000
92	CRISPR-Cas9-mediated development of arsenic-safe rice targeting OsNIP2;1 for arsenic-contaminated regions of Indo-Gangetic plain	Central University of South Bihar	2025-26	2520000
93	Strategic Molecular Designs of Color-Pure Multi-Resonance Delayed Fluorescence Emitters for Next-Generation Organic Light Emitting Diodes	Indian Institute of Technology	2025-26	2520000
94	Large Wireless Model for Reconfigurable Intelligent Surface-aided Integrated Sensing and Communication Systems	Indian Institute of Technology	2025-26	2520000
95	Porous Polymeric Material with Dynamic Covalent Chemistry for Efficient Sequestration of Per- and Polyfluoroalkyl Substances from Aqueous Systems	Indian Institute of Technology	2026-27	2520000

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
96	Rational Design of Lanthanide (III)-Based Nanomaterials towards Energy Transfer and Lifetime Modulation for Multiplexed Optical Sensing, Time-gated Imaging, and Advanced Security Applications	Indian Institute of Technology	2026-27	2520000
97	Climate-Resilient Geo-Infrastructure for Sequential Drought and Flash Flood Scenarios: Mechanisms of Mitigating Strength Loss and Stabilization Strategies	Indian Institute of Technology	2026-27	2520000
98	Ramanujan Fellowship Nomination	National Institute of Pharmaceutical Education and Research	2026-27	11900000
99	Hilbert coefficients and reduction number of ideals: pathways to characterize some properties of associated graded rings.	Indian Institute of Technology	2023-24	1833832
100	Advancing Hypersonic Heating Computation with Accurate and Shock-Stable Numerical Approach	Indian Institute of Technology	2023-24	2684000
101	Colloidal lithography assisted nanostructures fabrication of Metal-oxides to develop gas sensors for CO, NO₂, NH₃, H₂S & CO air pollutants	Indian Institute of Technology	2023-24	3311000
102	Performance enhancement of Multi-Temporal Synthetic Aperture Radar Interferometry (MT-InSAR) for accurate and fast deformation estimation in mountainous terrain.	National Institute of Pharmaceutical Education and Research	2023-24	1784990
103	Hygrothermal Fracture Analysis of CFRP Composites for Aerospace Applications	Indian Institute of Technology	2023-24	2489870
104	Investigation of capillary-fed boiling in porous wick with ionic liquids and surfactants	National Institute of Technology	2023-24	3157530
105	Enantioselective total synthesis and evaluation of anti-cancer activity of Panduratin A-F and its analogues	National Institute of Pharmaceutical Education and Research	2023-24	2822600
106	Design and Development of Intelligent Physical Layer Security Techniques for Wireless Health Monitoring Applications	National Institute of Technology	2023-24	3084810
107	Design and Analysis of Hybrid FSO/THz-based Backhaul Networks for 6G Communications	Indian Institute of Technology	2023-24	1438840

S. No.	Title of the Project	Institute Name	Year	Amount (₹)
108	Development and Prototype Implementation of Energy-Efficient Cooperative Content Delivery for Beyond 5G Networks	Indian Institute of Technology	2023-24	1593370
109	Development of Driving Cycle and Vehicle Emission Level for Mid-sized Cities under adverse Traffic and Environment conditions	National Institute of Technology	2023-24	2476000
110	Design of Intelligent Tactile Internet System for Post 5G Era	Indian Institute of Technology	2023-24	2852870
111	Development of new ruthenium-nicotinamide adenine dinucleotide model complexes for multi-electron CO₂ reduction and reduction of carbonyl compounds	R.D. & D.J. College	2023-24	2866600
112	Probing Source Region Dynamics of Solar Coronal Transients	Patna University	2023-24	2150760
113	Architecting Green Carbon Dots with Long-Persistent Luminescence for Biomedical Applications.	Jai Prakash University	2023-24	2601280
114	Molecular evaluation of genetic variability and evolutionary pattern in Santhal and Tharu tribes from Bihar.	Bhupendra Narayan Mandal University	2023-24	2766260
115	Precise synthesis of monodisperse metal nanoclusters/ nanostructures and its loading on 2D materials for high-activity water-splitting photocatalysts and electrocatalysts	Veer Kunwar Singh University	2023-24	2380910
116	Development of new bioformulations using Trichoderma, vermicompost and silica-rich waste mushroom substrate for biological control of 'Fusarium wilt' disease of banana	Tilka Manjhi Bhagalpur University	2023-24	2680740
117	Synthesis and in vitro assessment of broad-spectrum antiviral activities of nucleoside analogues	Jai Prakash University	2023-24	1830000
