Sub: **Response by IIT Jammu against your RTI application dated 31th January, 2022 received on 11th February, 2022.**
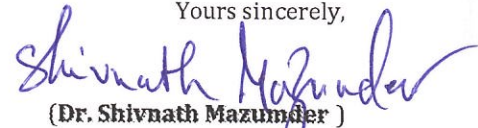
Dear Ms. Prabhavati,

    This has reference to your above application received under Right to Information Act, 2005. The reply is furnished below: -

RTI Query (as per actual)	Response by IIT Jammu
Q1. Share the number of students getting International Research Grants/Sponsored along with the funding agency details.	No such information available.
Q2. Share the number of operational MoUs with Institutions/Industries in India and abroad for the purpose of internships, placements, on-the-job training, project work, student/faculty exchange and collaborative research with details separately during the last five years.	NHAI City University London University of Auckland DSCI RTI Jammu Entuple IIT Bombay NI Systems
Q3. Share the numbers of research projects per teacher funded by government and non-government agencies with details during the last five years.	File attached
Q4. Share the numbers of students enrolled in Phd who were already working with institute on any ongoing project. (such as funded by MHRD's HTRA or other agencies like CSIR, UGC, DST, ICMR, AICTE etc.) for the last three years.	22 Students

    If you are not satisfied with the information provided, kindly contact **Dr. Pankaj Chauhan**, the First Appellate Authority of the Institute. His e-mail id is faa@iitjammu.ac.in

Yours sincerely,

(Dr. Shivnath Mazumder)
Central Public Information Officer
Indian Institute of Technology Jammu
cpio@iitjammu.ac.in

Ms. A Prabhavati
Flat No- 4, 2nd Floor, 2113A, Saivilla,
Sushant Lok Phase-1, Block- C,
Gurgaon- 122003, Haryana
Mobile: 9833799441
Email-prahhad10@gmail.com

C.C to: 1. Dr. Pankaj Chauhan, FAA, IIT Jammu
        2. Incharge webmaster

To,
Dr. Ashok Bera,

Assistant Professor & CPIO,
Indian Institute of Technology Jammu,
Jagti, NH-44, PO Nagrota, Jammu- 181 221,
Jammu & Kashmir

Date: 31ˢᵗ January 2022

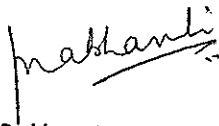Subject: request for seeking information under Right to Information (RTI) Act, 2005

Dear Sir,

Kindly provide the required information on the following points at your earliest convenience.

1. Share the number of students getting International Research Grants/Sponsored along with the funding agency details.

2. Share the number of operational MoUs with Institutions/ Industries in India and abroad for the purpose of internships, Placements, on-the-job training, project work, student/ faculty exchange and collaborative research with details separately during the last five years.

3. Share the Number of research projects per teacher funded by government and non-government agencies with details during the last five years.

4. Share the number of students enrolled in Phd who were already working with institute on any on-going project. (Such as funded by MHRD's HTRA or other agencies like CSIR, UGC, DST, ICMR, AICTE etc.) for the last three years.

Looking forward to receiving the information at the earliest.

With warm regards

A Prabhavati
Flat No-4, 2nd Floor, 2113A, Saivilla, Sushant Lok Phase-1, Block-C, Gurgaon 122003, Haryana
Mob: 9833799441
Email - prabhad10@gmail.com

"I do hereby declare that I am a citizen of India. I request you to ensure that the information is provided before the expiry of the 30 day period after you have received the application"

Enclosed: -

Postal Order No: 56F 335656
ID Proof – Driving License No- MH46 20110007881

Project Title	Department	Amount
Turbulent Jet Manipulation using Unsteady Injection	Mechanical Engineering	5598000
Intelligibility Improvement of Speech in Realistic Noisy Environments	Electrical Engineering	6000000
3D-Transition Metal Complexes of Non-Heme Nitrogen Donor Aryl Amido Functionalized Macrocyclic Ligands: Synthesis, Characterization and Reactivity Studies	Chemistry	4240940
Center for Strategic Infrastructure	Civil Engineering	3200000
Energy Harvesting for 5G Wireless Networks: Impact on Diverse Wireless Applications	Electrical Engineering	2165900
Synthesis and Physicochemical Studies of New Surface Active Ionic Liquids (SAILs) and their Interactions with Bioactive Compounds	R and C	3106800
Complex oxides for efficient solar water steaming : A greener way of water distillation	Physics	1600000
Development of A new Asymmetric Transformations via Synergistic Photoredox-Organocatalysis	Chemistry	2667000
Design of Single-band and Dual-band Transmission-type Linear to Circular Polarization Converter	Electrical Engineering	2824930
Design and Development of Passive Underwater Surveillance System for Complex Environment Condition	Electrical Engineering	2216110
Overcoming the Shockley-Queisser Limit of Photocurrent in CH3NH3PbBr3 Based Organic-Inorganic Hybrid Perovskite Solar cells	Physics	1111000
Unnat Bharat Abhiyan Regional Coordinating Institute	Chemical Engineering	1500000
Investigation of Decomposition Pathways for Water-/Proton Reduction Molecular Catalysts: Rational Design of Longer-Lived Catalysts with Earth-Abundant Transition Metals	Chemistry	2134000
Impacts of Laser Processing on Russian Super Alloy to prevent Failure	Mechanical Engineering	1454000
Cooperative and -oninnocent transition metal complexes for small molecule activation and their catalytic application	Chemistry	699969
Evolution and Influence of Coherent Structures on Entertainment in a Transient Diabatic Plume-Implications for Cumulus Cloud Flows	Mechanical Engineering	1038400

Identification hydropower sites and critical glacial lakes for sustainable water resources management in Himachal Pradesh	Civil Engineering	4690760
Enhancing Electrochemical charge storage through Ionic liquid assisted advanced functional materials	Physics	38000000
Mechanical Metamaterial for Resilient Infrastructure	Civil Engineering	3500000
Physical Layer Security of Cognitive Radio Networks	Electrical Engineering	1244100
DST-Inspire Fellow	Chemistry	759991
Cooperative Isolated Renewable Energy Systems for Enhancing Reliability of Power in Rural Areas	Electrical Engineering	1515297

| Smart City Surveillance using Decentralized Multi-camera Networks | Electrical Engineering | 4191368 |
| Design and Development of S Shaped Coriolis Mass flow Meter | Mechanical Engineering | 2566000 |

Achieving High Open Circuit Voltage in Solution Processed CH3NH3PbBr3 Solar Cell   Physics   3500000

Energy Efficient Lighting with VLC and P-C based Communicationsâ€   Electrical Engineering   5950450

Title	Department	Number
Dembowski-Ostrom polynomials derived from Dickson polynomials over finite fields	Mathematics	1180344
Development of high entropy alloy wear resistance coatings for rocket engines	Mechanical Engineering	1753000
Understanding the Applicability of Strength Evaluation Technique to structure in cold regions	Civil Engineering	2130336
A unified secrecy performance analysis of D2D communications in CR network with wireless power transfer	Electrical Engineering	560000
Self reciprocal polynomials from Dickson polynomials over infinite fields and their applications	Mathematics	560000
Distributed Cognitive System for Healthcare	Electrical Engineering	2482000
DST INSPIRE Faculty Award	R and C	3500000
Algorithms for Fast Computation of Principal components for Self Noise cancellation in Underwater Acoustics	Electrical Engineering	3578855
Open Cell Composite Panels and Tubes under dynamic loading	Civil Engineering	181666
Utilization of Inferior Quality Aggregates in Hot, Warm and Cold Mix Asphalt	Civil Engineering	5264028
CRISPER based diagnosis of Covid-19 using paper microfluidics	Chemical Engineering	3423000
Securing Quantum Cryptographic Chips Against Scan-based Side-Channel Attacks	Electrical Engineering	3011840
Development of novel CNC based electrical Etching to fabricate stretchable electronics circuits"	Mechanical Engineering	1526840
Exploring Geometric Design and Capacity Considerations for Implementing exclusive Two-wheeler lanes on Indian Roads: A Step towards Safe Traffic Movement	Civil Engineering	1735840
Forecasting of Rainfall in India Using Large-Scale Climate Indices through Advanced Deep Learning Approach	Computer Science and Engineering	2186840
Tuning interlayer spacing of two-dimensional materials by Van der Waal integrations towards capacitive energy storage applications	Physics	4493145
Molecular Dynamics Modeling of Electrostatic Turbulence in Dusty Plasma	Physics	3102264
Mixed-mode fracture behavior of shear thickening fluid impregnated glass fiber reinforced polymer composites	Civil Engineering	2295840
Room Temperature Electrically Controlled Single Photon Emitter	Physics	3174006
Mixed-mode fracture behavior of shear thickening fluid impregnated glass fiber reinforced polymer composites	Civil Engineering	2295840
Molecular Dynamics Modeling of Electrostatic Turbulence in Dusty Plasma	Physics	3102264
Two-dimensional MXene Hetero Structures for Efficient Electrochemical CO2 Reduction	Chemistry	2655990
High Valent Emissive Ni(II)/(IV) Complexes for Organic Transformations and Photoredox catalysis	Chemistry	3160344
RAMANUJAN FELLOWSHIP	R and C	11900000
Developing a Proactive Framework for Safety Evaluation of Road Facilities using Surrogate Safety Measures	Civil Engineering	3519000

Title	Department	Amount
Massive MIMO High Gain Beam Scanning Millimeter-Wave Antenna Using Digital Metasurface With Controlled Bits for Fifth Generation (5G) Communication	Electrical Engineering	3204340
An aqueous rechargeable battery using Zirc anode and rGO-Vâ‚‚Oâ‚… …SiOâ‚‚ hybrid as cathode material	Chemical Engineering	1237251
Investigations on Thermal-hydraulic Instabilities and Heat Transfer Deterioration in a Supercritical Fluid System	Mechanical Engineering	5263764
Design and Development of fire resistant hollow tubes for gun barrel applications using wire arc additive manufacturing	Mechanical Engineering	4663000
Simultaneous Light Information and Power Transfer (SLIPT) for IRS-Assisted Hybrid FSO-VLC/RF Network	Electrical Engineering	50000
On the Physical layer security of wireless powered communications : An Information leakage perspective	Electrical Engineering	2406950
Navigating the unpoled iodonium enolates in asymmetric synthesis	Chemistry	1787000
Construction of remote tetrasubstituted setreocenter via asymmetric organocatalytic 1,6-addition reactions	Chemistry	3094560
INSA Senior Scientist Position	R and C	1380000
FIST-A MULTIDISCIPLINARY CLEAN ENERGY RESEARCH CENTRE	Mechanical Engineering	8000000
Implementation of Lieutenant Governor's Sustainable Development Fellowship Scheme	Civil Engineering	18600000
Demonstration of space heating	Mechanical Engineering	1000000
Computational Design of Solar Energy Driven Photo Catalysts for Water Reduction and Water Oxidation	Chemistry	474333
Micro-RNA diagnostic Kit using doped carbon nanofibers	Chemical Engineering	6947000
Asymmetric Remote C(sp3)-H functionalizations by intercepting the Radical Relays	Chemistry	3258773
Numerical investigation on the behaviour of geosynthetics-reinforced embankment under dynamic impact force of rockfall	Civil Engineering	60000
Landslide Mitigation Structures: Investigations on geosynthetics-reinforced barriers impacted by rockfall.	Civil Engineering	2675340
Slurry Phase Reactor for Hydrocracking: Hydrodynamics and Machine Learning based CFD	Chemical Engineering	3311000
Design and Development of passive PVT system for Ladakh region	Mechanical Engineering	1960610
Design and investigation of Reliability Awa`e Security Circuits at Faster Timescales	Electrical Engineering	3158770
Modelling fracture propagation in concrete-concrete interfaces under static and fatigue loading - with applications in repair and rehabilitation	Civil Engineering	3215340
Smart Biometrics: AI driven Biometric Privacy	Computer Science and Eng	522000
Numerical and experimental investigation on fatigue fracture analysis of CNT/Graphene reinforced composites for structural application in a thermo-mechanical environment	Mechanical Engineering	2959750
BINOMIAL EDGE IDEALS	Mathematics	1222798
Development of Trip Generation Manual	Civil Engineering	825000
Developing driver behaviour profiling crite`ia for improving metador	Civil Engineering	340000
Topology design and development of functionally graded 3Dprinted patient comfort socket prosthetics	Mechanical Engineering	2280340
Training and Skill Internship (VRITIKA)	Mechanical Engineering	150000
Studies on the implementation of stainless steel fabricated by Additive Manufacturing and computational forecasting technique for high temperature applications	Mechanical Engineering	2454000
Evaluating the feasibility and efficacy of integrated catchment-scale Nature-based solutions for Climate Change adaptation in India	Civil Engineering	800000