

Sanctioned Projects/Conference/Workshop/Travel/Fellowship for the FY 2024-2025

S.No.	Center Name	PI Name	Funding Agency	Funding Scheme	Faculty/Student	Student Name	Research/Fellowship/Workshop/Conference/Travel/FDP	Title	Sanction Letter No.	Date of Sanctioned Letter	Sanctioned Amount	Duration
Department of Architecture and Planning												
1	BIT Mesra	Dr. Smriti Mishra	Gol	Ministry of Panchayati Raj	Faculty		Research	Enhancement of Gram Panchayat Spatial Development Plan for Neori GP, Ranchi District and kandra GP, Bokaro District	D.O.No.M-11015/70/2024-Governance	19.11.2024	10,00,000.00	150 Days
Department of Bioengineering and Biotechnology												
2	BIT Mesra	Dr. Kunal Mukhopadhyay	DBT	CTEP Travel Grant	Student	Anuradha	Travel	Deep eutectic solvents for the pretreatment of lignocellulosic biomass to enhance the sugar recovery	DBT/CTEP/02/20230253935	15.03.2023	44,148.00	4 DAYS
3	BIT Mesra	Dr. Kunal Mukhopadhyay	SERB	CRG	Faculty		Research	Unraveling the roles of wheat and Puccinia triticina micro RNAs through dual RNA-sequencing during leaf rust infection and characterization of microRNA-encoded peptides associated in the process	CRG/2023/006836	03.06.2024	40,42,192.00	3 Years
4	BIT Mesra	Dr. Manish Kumar	DST	CRG	Faculty		Research	Development of Micro encapsulated streptococcus salivarius k12 and curcumin extract gel and its effect on oral mucositis in oral cancer patients	CRG/2023/00853	20.06.2024	12,65,000.00	3 Years
5	BIT Mesra	Dr. Kunal Mukhopadhyay	DBT	HRD	Student	Ankita Shree	Research	Elucidating the mechanism offungal survival during host colonisation	DBTRA/2023-24/N/BITS-R/94	26.04.2024	7,65,883.00	1 Year
6	BIT Mesra	Dr. Alok Jain	ANRF		Faculty		International Conference	International Conference Emerging trends in Translational Bioinformatics ET2B-2024	SSY/2024/001312	21.11.2024	3,00,000.00	3 Days
7	BIT Mesra	Dr. Alok Jain	CSIR	HRDG ND	Faculty		International Conference	Emerging tools in translational Bioinformatics (ET2B-2024) 05.12.2024 to 07.12.2024	SYM/12550/24-HRD	28.11.2024	40,000.00	3 Days
8	BIT Mesra	Dr. Alok Jain	JCSTI	Ranchi	Faculty		International Conference	Emerging tools in translational Bioinformatics (ET2B-2024) 05.12.2024 to 07.12.2024	vpra/co0-05/2016-310	06.12.2024	2,98,752.00	3 Days
9	BIT Mesra	Dr. Alok Jain	DBT	CTEP ND	Faculty		International Conference	Emerging tools in translational Bioinformatics (ET2B-2024) 05.12.2024 to 07.12.2024	DBT-CTEP/01/20240957037	16.11.2024	5,25,000.00	3 Days

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19	BIT Mesra	Dr. Subhendu Naskar	SERB	CRG	Faculty		Research	Development of low cost electrocatalysts for the hydrogen production by water splitting	CRG/2023/001349	16.03.2024	44,16,016.00	3 Years
20	BIT Mesra	Dr. Subhendu Naskar	Science Academics	Joint Science education panel of 3 academics of sciences	Faculty		Lecture Workshop	Holistic approach to explore the beauty of chemistry	By Mail	22.03.2024	3,93,000.00	3 Days
21	BIT Mesra	Dr. Pradip Kar	SERB	CRG	Faculty		Research	Polyphenylenediamine/silver hybrid based non-enzymatic based non-enzymatic glutamate sensor	CRG/2023/002036	29.04.2024	26,56,016.00	3 Years
22	BIT Mesra	Dr. Susanta Sinha Mahapatra	AICTE	VAANI	Faculty		Workshop	Advanced Materials, rare-earth and critical Minerals	AICTE/A-VAANI/2024/67/IEA1FF51	17.05.2024	2,00,000.00	3 Days
23	BIT Mesra	Ashoke Sharon	DST	WISE-PDF	Student	Afsana Parveen	Research	Design and synthesis of new heterocycles as possible skeletal muscle metabolism for preventing metabolic disorders	DST/WISE-PDF/LS-221/2023(G)	28.10.2024	37,46,160.00	3 Years
Department of Centre for Food Engineering and Technology												
24	BIT Mesra	Dr. Manish Kumar Pandey	I-Hub IISER	Chankya Under-Graduate Fellowship	Faculty		Fellowship	Quantum Machine Learning for hyper spectral Medical Image processing	I-HUBUGF/B-3/2023-24/05	02.02.2024	50,000.00	5 months
25	BIT Mesra	Dr. Saheli Bose	ICSSR		Faculty		Research	LOGITUDINAL STUDY OF SKILLING	6/LSS/2024-897/E&S/SCD	23.09.2024	12,00,000.00	3 Years
26	BIT Mesra	Dr. Mrinal Jana	ANRF	Seminar/Symposium Scheme	Faculty		National Conference	13-15 February 2025 2 nd Annual QEDS Conference 2025 on Advances in Applied & Computational Mathematics:Theory, Methods 7 Applications	SSY/2024/002057	23.12.2024	2,50,000.00	3 Days
Department of Computer Science & Engineering												
27	BIT Mesra	Dr. K K Senapati	DST	SERB	Faculty		Workshop	Cyber Crime & Investigation	SSY/2024/000400	10.06.2024	2,00,000.00	1 Year
28	BIT Mesra	Dr. K K Senapati	AICTE	VANNI	Faculty		Workshop	AI & IT'S Dimension 09.08.2024 to 11.08.2024	F.No. AICTE/A-VANNI Scheme/2024	09.08.2024	2,00,000.00	1 Year

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37	BIT Patna	Dr. Md. Asif Hasan	ICMR	Small Extramural	Faculty		Research	Development of a graphical user interface (GUI) based simulation platform for the dynamics study of the human heart under normal & abnormal condition	EM/DEV/SG/58/2226/2023(E-office-176966)	15.02.2024	24,81,792.00	3 Years
38	BIT Mesra	Dr. Aftab Alam and Dr Shiva	ANRF	MAHA	Faculty		Research	EV Charging Infrastructure , High Power Charging Methods, High Power Density Static wireless Charging - Design of 50kW Wireless Power Transfer+ Overhead	ANRF/MAHA/2024/000156/ECF	14.03.2025	1,44,84,000.00	3 Years
Department of Mathematics												
39	BIT Mesra	Dr. Dinesh Kumar	SERB	Tare	Faculty		Fellowship	Tropological investigation of the escaping semigroup and wandering domains in quasiregular dynamics	ANRF/F/1226/2024-2025	13.05.2024	8,25,000.00	3 Years
Department of Mechanical Engineering												
40	BIT Mesra	Dr. L S Brar	SERB	Seminar under Symposia Scheme	Faculty		International Conference	2 International Conference on Thermo fluids and system design	SSY/2023/001628	23.04.2024	3,50,000.00	2 Days
41	BIT Mesra	Dr. Arun Kadian	SERB	CRG	Faculty		Research	Development of Ni Reinforced surface composite of AA5083 with high wear, tensile and fatigue resistance for modern transportation sector	CRG/2023/002324	06.05.2024	52,08,192.00	3 Years
42	BIT Mesra	Dr. Om Prakash	ANRF		Faculty		Workshop	Green Hydrogen: The Future of Clean Energy 20.01.2025 to 24.01.2025	SSY/2024/001511	24.01.2024	2,50,000.00	5 days
Department of Management												
43	BIT Noida	Dr. Superna Dutta	DST	CSRI WISE KIRAN	Faculty		Research	Augment cognition of adolescent girls & community on menstrual health and hygiene on prototype through the integration of state-of -the -art tools and emerging technologies with behavior change & participatory communication for sustainable development	DST/CSRI/2021/671	30.12.2022	40,79,120.00	2 Years
Department of Pharmaceutical Sciences and Technology												
44	BIT Mesra	Dr. Abhimanyu Dev	SERB	CRG	Faculty		Research	Aptamer based electrosensor for detection of NDMA impurity (a potential carcinogen)	CRG/2023/002508	02.05.2024	39,86,300.00	3 Years

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45	BIT Mesra	Dr. Neelima Sharma	DST	Inspire	Student	Apurva Singh	Fellowship	DST INSPIRE	DST/INSPIRE/Fellowship/2023/IF230156	29.07.2024	5,43,920.00	5 Year
46	BIT Mesra	Dr. Bapi Gorain	DST	Inspire	Student	Ankit Majie	Fellowship	DST INSPIRE	DST/INSPIRE/Fellowship/2023/IF230156	29.07.2024	5,43,920.00	5 Year
47	BIT Mesra	Dr. Trishna Bal	Central Silk Board	CTRTI	Faculty		Research	Management of Type-II diabetic (T2D) condition through tasar sercian (24.04.2024 to 23.09.2026)	BPC04025SNC	08.03.2024	23,08,000.00	30 months
48	BIT Mesra	Dr. Trishna Bal	DBT	DBT	Faculty		Research	Inflatable mucoadhesive vaginal tablet coin (VTC) for instant spermicidal action as local vaginal contraceptive and microbicide	BT/PR51861/BMS/85/55/2024	25.07.2024	33,22,560.00	3 Years
49	BIT Mesra	Dr. Biswatish Sarkar	DST	ANRF ITS	Faculty		International Conference	23 International congress of the International society for Ethnopharmacology & the 2 international congress of african phytomedicine scientific society 23.10.2024 to 26.10.2024	ITS/2024/004254	03.01.2025	1,08,444.00	4 Days
50	BIT Mesra	Dr. Biswatish Sarkar	DST	ANRF ITS	Student	Amrita Chatterjee	International Conference	23 International congress of the International society for Ethnopharmacology & the 2 international congress of african phytomedicine scientific society: Therapeutic targeting of Hrf2-ARE pathway by phytopharmaceuticals derived from krishna tulsi (Ocimum tenuiflorum linn.) during oxidative stress 23.10.2024 to 26.10.2024	ITS/2024/004342	06.01.2025	1,37,058.00	4 Days
51	BIT Mesra	Dr. Biswatish Sarkar	DST	ANRF ITS	Student	Rajdeep Saha	International Conference	23 International congress of the International society for Ethnopharmacology & the 2 international congress of african phytomedicine scientific society 23.10.2024 to 26.10.2024	ITS/2024/004207	09.01.2025	1,37,058.00	4 Days

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52	BIT Mesra	Dr. Bapi Gorain	ICMR	ICMR	Faculty		Research	15.03.2025 to 14.03.2026 tailoring bioactive nano-constituent embedded fish waste derived collagen/polycaprolactone nanofiber to promote rapid hemostasis in the management of traumatic conditions	Dev.es/CSTU/SG/0361/2024-25/SR	21.02.2025	51,50,000.00	3 Years
Department of Physics												
53	BIT Mesra	Dr. Rishi Sharma	ANRF		Faculty		Symposium	2nd Indo-European Symposium on Surface Engineering	SSY/2024/000928	02.09.2024	3,00,000.00	2 Days
54	BIT Mesra	Dr. Nishi Srivastava	CSIR	HRG Travel Grant	Student	Apurba Tiwari	Travel	45TH COPAR Scientific Assembly 13 to 21 July 2024	TG/12747/24-HRD	03.07.2024	57,987.00	9 Days
55	BIT Mesra	Dr. Rishi Sharma	BRNS		Faculty		Symposium	2nd Indo-European Symposium on Surface Engineering	51/17/28/2024-BRNS/809	24.10.2024	75,000.00	2 Days
56	BIT Mesra	Dr. Rishi Sharma	INSA		Faculty		Symposium	2nd Indo-European Symposium on Surface Engineering	SP/C-September-31/2024-25/498	12.11.2024	1,00,000.00	2 Days
57	BIT Mesra	Dr. Rishi Sharma	DRDO		Faculty		Symposium	2nd Indo-European Symposium on Surface Engineering	ERIP/ER/24-25/C/139	13.11.2024	70,000.00	2 Days
58	BIT Mesra	Dr. Rishi Sharma	JCSTI		Faculty		Symposium	2nd Indo-European Symposium on Surface Engineering	vpra/co0-05/2016-310	06.12.2024	3,14,985.00	2 Days
59	BIT Mesra	Dr. Ella Rout	ANRF	CRG	Faculty		Research	Hafnium loaded proton conducting oxide for direct hydrocarbon intermediate temperature solid oxide fuel cell application	CRG/2023/008073	01.05.2024	45,37,192.00	3 Years
Department of Production & Industrial Engineering												
60	BIT Mesra	Dr. Indranil Manna	DST		Faculty		Research	Laser additive manufacturing development and refurbishment of high temperature resistant structural components (LAMAR)	DST/TTI/TDP-02/2024(G) & ©	04.10.2024	4,25,69,600.00	3 Years
Department of Remote Sensing												
61	BIT Mesra	Dr. C Jeganathan	SERB	NPDF	Student	Dr. Pankaj Prasad	Fellowship	NPDF	PDF/2023/002337	15.03.2024	28,27,200.00	2 Years
62	BIT Mesra	Dr. C Jeganathan	ISRO	NRSC	Faculty		Workshop	National Space Day Celebration 8th Aug 2024	ISRO	23.07.2024	3,00,000.00	1 Day

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63	BIT Mesra	Dr. Swagata Payra	ISRO	Respond	Faculty		Research	Generation of high resolution cloud to ground lightning vulnerability maps using the ground space borne data	DS-2B-13012(2)/49/2024-Sec.2, ISRO/RES/4/723/24-25	13.11.2024	26,33,568.00	2 Years
Department of Space Engineering and Rocketry												
64	BIT Mesra	HoD SER Priyank Kumar	DST	FIST	Dept		Research	Augmentation of flow speed wind tunnel	SR/FST/ET-1/2023/1252	30.10.2023	1,18,00,000.00	5 Years
65	BIT Mesra	Dr. Priyank Kumar	DRDO-ARDB		Faculty		Research	Development of high angle of attack CFD aerodynamic database & behaviour model of missile configuration at Varying Geometric and flow parameters	DGTM/ARDB/GI A/24-25/131	19.06.2024	39,80,696.00	2 Years