

Research Grants Received

Details of the largest ongoing extramural research grants received by faculty members of the department.

Total Amount (₹) 85.78 lac and Total No. of Research Projects: 6

S.No.	Name of the Investigator	Project No.	Funding Agency	Title of the project and duration (Start and end date)	Amount sanctioned In Lac
01	Dr. Farooq Hussain Bhat, Dr. Muzafar Rasool Bhat, Dr. Assif Assad, Dr. Ghazala Anjum, Dr. Mandeep Singh	CRG/2022/007060	SERB CRG	Study of Magnetic Properties of Perovskites using Artificial Intelligence	34.0
02	Dr. Mandeep Singh, Dr. Farooq Hussain Bhat, Dr. Assif Assad, Dr. Muzafar Rasool Bhat	SUR/2022/004910	SERB SURE	Quantitative phase imaging system (Oct 2023 - Oct 2026)	27.5
03	Dr. Ghazala Anjum and Dr. Farooq Hussain Bhat	UFR Project NO. 73326	IUAC	Study of Structural, Electronic, magnetic and dielectric properties in La _{0.7} Bi _{0.3} Fe _{1-x} (Ni/Co) _x O ₃ Multiferroic System (May 2023 – May 2026)	6.25
04	Dr. Farooq Hussain Bhat and Dr. Ghazala Anjum	UFR Project NO. 72319	IUAC	Effect of Swift Heavy Ion Irradiation on Structural, Electrical and Magnetic Properties of Co doped LaMnO ₃ Thin Film (2022-2025)	6.03
05	Dr. Mandeep Singh, Dr. Farooq Hussain Bhat	JKST&IC/SRE/941-45	JKST&IC	Digital in-line holographic microscope for cell imaging	6.0
06	Dr. Shabir Ahmad Kumar, Dr. Mandeep Singh	JKSTI&IC/SRE/946-50	JKST&IC	Study of Physical properties of Chalcogenide based compound semiconductors for solar Cell applications	6.0

Details of largest Completed extramural research grants.

Total Amount (₹) 5225 lac and Total No. of Research Projects: 4

S. No.	Name of the Investigator	Project No.	Funding Agency	Title of the project and duration	Amount sanctioned In Lac	Project Outcome (No. of publications)
01	Dr. Niyaz Ahmad Rather, Prof. Sheikh Javid Dr. Gowhar Hussian Bhat	CRG/2019/004960 Dated 03-Feb, 2021	SERB CRG	Novel nuclear structure studies with modern theoretical approaches (2020-Feb 2024)	30.85	08
02	Dr. Niyaz Ahmad Rather	F.30-498/2019 (BSR) FD Diary No. 596, Dated 30th May, 2019	UGC	Nuclear structure studies using triaxial projected shell model approach (2019-March 2022)	10	01
03	Dr. Mir Hashim Rasool	No.F.30-498/2019 (BSR).	UGC	Multidimensional erratic fluctuations of relativistic shower particles in the collisions of 32S-Em at 200 AGeV (2019-March 2022)	10	04
04	Dr. Farooq Hussain Bhat	No. IUST/Acad/RP_App/17/298 Dated: 09-08-2017	IUST	The Study of Structural and Electronic Properties of Cobalt Doped NdMnO ₃ Perovskite Manganite using X-ray Absorption Spectroscopy (XAS) (2017-2019)	1.4	01