

**R&D Cell
Jamia Hamdard**

31.03.2026

List of sanctioned projects & grant received - Financial Year 01.04.2023 to 31.03.2026

S. No	File No.	Name of the Faculty/PIs	School/Department	Title of the project	Funding agency	Sanction Year	Duration	Amount Sanctioned, INR
1	DDR/IIRPSG-2025/05968 dt. 15.01.2026	Dr. Nidhi	SCLS/ DTCR	Pharmacological Targeting and Mechanistic Crosstalk Between Behavioural Aspects and Cerebral Neuroinflammation in Autism Spectrum disorder	ICMR	2026	30.01.2026 29.01.2027	18,79,280.00
2	EM/SG/Dev.Res/118/2184-2023(169919)	Prof. Surajit Ganguly & Dr. Jayanta Bhattacharya (IIT-D)	SIST/ Molecular Medicine	Development of Surface-Engineered Smart Nano-Immunotherapeutic for the treatment of Breast Cancer	ICMR	2025	01.03.2025 28.02.2026	22,87,308.00 (Second Year Grant)
3	Emdr/ig/17/204-01-00891, dt. 07.01.2025	Prof. Shakir Ali, & Dr. Sayeed ur and others	SCLS/ Biochemistry	Boron based therapeutics against RNA viruses and associated post-infection arthritis in Chikungunya infection – a preclinical evaluation	ICMR	2025	07.01.2025 06.01.2028	1,32,78,22.00
4	5/4-5/3/14/Neuro/2022-NCD-I (E-office-162909)	Prof. Suhel Parvez	SCLS/ Toxicology	Deciphering the mechanistic role of Ephrin-Eph signalin pathways targeting Ischemic Stroke Model: An appraisal for the Development of Neuro-therapeutics	ICMR	2025	01.07.2025 30.06.2026	15,06,308.00 Third Year Grant
5	DDR/IIRPSG2024.0107016/SG dt. 04.03.2025	Prof. Suhel Parvez	SCLS/ Toxicology	Deciphering the cascade of memory impairment in Alzheimer's disease: Electrophysiological treading of neuronal path utilizing bio signal processing as a novel tool	ICMR	2025	20.03.2025 19.03.2028	50,95,957.00
6	DDR-IIRPSG-24-NT-13dt. 18.02.2025	Dr. Mohan Kamthan & Dr. Sayeed	SCLS/ Biochemistry	To evaluate the role of Wnt signaling pathway in dietary emulsifiers – induced IBD development: A therapeutic perspective	ICMR	2025	20.03.2025 19.03.2026	28,20,724.00 First Year

7	EMDR/SG/15/20 24-01-04960 dt. 29.01.2025	Prof. Asif Husain	SPER/ Pharmaceutical Chemistry	Design, Computational studies and Synthesis of novel pyrazole derivatives as propitious agents and evaluating their biological efficacy against breast cancer	ICMR	2025	29.01.2025 28.01.2028	55,83,314.00
8	R.12013/26/2025- HR	Dr. Falaq Naz/ Mentor: Prof. Suhel Parvez)	SCLS/ Toxicology	Effects of Istradefylline silver nanoparticles (IAgNP) on cognitive defects and the neurotoxicity induced by the expression of Human alpha synuclein in the transgenic Drosophila fly model of Parkinson's disease	DHR- ICMR	2025	18.09.2025 17.08.2028	61,31,630.00
9	F.No.R.12013/13/ 2025-HR, dt. 22.09.2025	Dr. Shadabi Bano/Mentor Dr. Sayeed	SCLS/ Biochemistry	Molecular profiling of novel alternatively spliced isoforms in ovarian cancer: towards understaning functional diversity and tumor progression	DHR (ICMR)	2025	22.09.2025 21.09.2028	61,27,380.00
10	F.No.41/2ndLSS/ 2025-1615- GOV/SCD, dt. 19.08.2025	Dr. Asad Ahmad & Dr. Mohd. Jamshed & others	SMBS	Penetration and Effectiveness of Early Warning Systems (EWS) for Disaster Mitigation and their impact on Mental Health in High-Risk Regions and Large Gatherings in India	ICSSR	2025	19.08.2025 18.08.2028	35,00,000.00
11	CRG/2022/03895 dated 10.01.2025	Dr. Vikas Sood, & Dr. M. Kamthan	SCLS/ Biochemistry	Evalauation of Sorcin dependent cytosolic retention of ChREBP and its aapplication as a therapy for non-alcoholic fatty liver disease	ANRF	2025	Second year grant 2024-25	7,00,000.00
12	PDF/2025/007997 dt. 26.09.2025	Dr. Mehjabeen Javed	SCLS/ Toxicology	National Post-Doctoral Gellowship Scheme	ANRF	2025	26.09.2025 25.09.2027	3,00,000.00 (Yearly) + 80,000.00
13	DST/WISE- KIRAN- PhD/LS/2024/398 (G), dt. 18.7.2025	Dr. Uma Bansal	SIST/ Food Technology	An Exploration into Enhancing Prebitic Potential of Pseudo-Cereal based Fasting Foods and its Impact on the Gut Microbiota	DST	2025	18.07.2025 17.07.2028	29,08,800.00
14	DST/SHRI/MP/2 023/66(C)(SHRI), dt. 7/6/2024	Dr. Vasudha Sharma	SIST/ Food Technology	Development of millet-based products: Optimization, Characterization and Validation	DST	2024	07.06.2024 06.06.2026	93,70,626.00
15	CRG/2023/00733 6, dt. 20.06.2024	Dr. Syed Shafi, Dr. Sayeedur	SCLS/ Chemistry	Development of capsaicin-based VEGF inhibitors as novel anticancer agents	SERB	2024	20.06.2024 19.06.2027	38,83,902.00

16	79/VVB@2047/2024-272/ISD-A/SCD dt. 20.09.2024	Prof. Reshma Nasreen	SMBS/ Management	Assessing the Role of Social Security Schemes in enhancing financial Independence and Mental Wellbeing of Elderly People in Slum Areas of Delhi NCT Regional	ICSSR	2024	20.09.2024	17,00,000.00
17	S-14013/6/2023-SCHEME dated 27.03.2024	Prof. S. Raisuddin	SCLS/ Toxicology	Molecular mechanism of action of metalloids Unani Kushtajat for their role in protection against cellular stress	CCRAS/ AYUSH	2024	27.03.2024 26.03.2025	9,08,585.00
18	EMDR/SG/11/2023-1050 dt. 11.01.2024	Prof. Divya Vohora	SPER/ Pharmacology	Targeting APOIE-mediated pathways for clearance of B-Amyloid and inhibiting the self-assembly of Amyloid B-protein by Ganazolone in mutated APP-transfected SH-SY5Y neuroblastoma cells and mice model	ICMR	2024	11.01.2024 10.01.2027	44,14,043.00 (First Year)
19	EM/DEV/SG/215/6200/2023 dt. 13.02.2024	Dr. Jamshed Haneef	SPER/ Pharmaceutical Chemistry	Improving Biopharmaceutical Attributes of Sodium Glucose Co-Transporter 2 Inhibitors for the management of Type 2 Diabetes Mellitus Associated Metabolic Syndrome using Cocrystallization Approach	ICMR	2024	04.03.2024 03.03.2025	21,82,043.00
20	Discovery/IIRP/SG-0687/2023	Dr. Mumtaz Alam	SPER/ Pharmaceutical Chemistry	Virtual screening using docking and molecular dynamics of estradiol-pyrididine analogs against Mpro and ACE2 receptors: A possible therapeutic tool for COVID-19	ICMR	2024	29.01.2024 28.01.2027	22,18,043.00
21	5/4-5/7/Dis&Rehab/2022-NCD-II dated 27.09.2023	Dr. Deepika Singla	SNSAH/ Physiotherapy	Effect of Exercise on Heart Rate Variability, Cardiopulmonary functions & Sleep parameters in Indian COPD Patients	ICMR	2024	01.03.2024 28.02.2027	50,19,216.00 (First Year)
22	EMDR/SG/12/2023-0714 dated 06.02.2024	Dr. Prem Praksh	SIST/ DMM	Role of Extra Domain A fibronectin (LEDA4N) in myeloperoxidase-mediated progression of the metabolic disease	ICMR	2024	06.02.2024 05.02.2027	45,39,043.00 (First Year)
23	5/9/1425/2022 Nut dated 11.09.2024	Dr. Humaira Farooqi,	SCLS/ Biotechnology	<i>Macrotyloma uniflorum</i> , an underutilized pulse as a nutraceutical – in vivo and in silico approach	ICMR	2024	2 nd Year grant	15,16,743.00
24	04.10.2024	Dr. Huma	SCLS/ Toxicology	Effect of co-exposure to microplastics and heavy metals on transcriptional pathway in reproductive toxicity	MHFW	2024	04.10.2024 03.10.2027	51,57,3809.00

26	SR/FST/CS-I/2024/47820.12.2024	FIST	SCLS/ Biochemistry	FIST Programme	DST	2024	05 Years, concluding 2024	1,15,00,000.00
25	5/4-5/3/13/Trauma/2022/NCD-1 dated 17.03.2023	Dr. Mohd. Ashif Khan	SCLS/ CTCR	Development of thermodynamically stable silver-nanoparticle based hydrogenof curcumin & thymoquinone withcollagen for deep burns:	ICMR	2023	24.03.2023 23.03.2024	7,44,113.00
27	DDR/STI/04/9/2023	Prof. Suhel Parvez	SCLS/ Toxicology	Development of a Multi-Array Immunoassay kit Based on Point-of-Care and Gene Ontology enrichment analysis: A Novel Approach for the Early Detection of Sexually Transmitted Infection	ICMR	2023	01.11.2023 31.12.2024	33,68,315.00
28	CRG/2022/007850 dated 21.02.2023 & 25.10.2023	Dr. Zeenat Iqbal	SPER/ Pharmaceutics	Fabrication and oplimization of Minocycline nanofiber with incorporated biofilm disrupt ter as potential tool for periodontotherapy	SERB	2023	25.10.2023 24.10.2026	44,88,957.00
29	CRG/2022/008271 dated 17.11.2023	Dr. Rikeshwer Prasad Dewagan	SPER/ Pharmaceutical Chemistry	Synthesis and evaluation of novel amphiphilic conjugate of FDA approved non-steroidal anti inflammatory drugs as potential antimicrobial against drug resistant pathogens	SERB	2023	17.11.2023 16.11.2026	37,71,054.00
30	EMDR/SG/11/2023-5527 DATED 20.12.2023	Prof. Gita Chawla	SPER/ Pharmaceutical Chemistry	Development of New Quinoxaline based 2-Pyrazolines as Potent and Selective MAO-A Inhibitors: In silico Studies, Synthesis and Biological Evaluation	ICMR	2023	20.12.2023 19.12.2026	34,43,543.00 (First Year)
31	F.No.3-146/2017-CCRUM/Tech dated 03.04.2023	Dr. Farah Khan	SCLS/ Biochemistry	Effect of Unani preparations on macrophase polarization and its role in Increased Browning of fact leading to amelioration of insulin resistance	CCRUM	2023	01.04.2023 (Six month extension)	9,74,310.00
32	5/13/15/2022/NC D-III dated 31.01.2023	Dr. Prashant Kesharwani	SPER/ Pharmaceutics	Strategic viral-mimicking, DNA-ejecting plyplex as a novel nanotherapeutic tool for breast cancer therapy	ICMR	2023	01.07.2023 29.02.2024	15,01,613.00
33	F.No.3-14/2021-CCRUM/Tech dated -3.04.2023	Dr. Zeenat Iqbal	SPER/ Pharmaceutics	Design, Development and Evaluation of Novel Immunomodulatory RTD (Ready to Dispense) Formulations UNIM 2020A and UNIM 2020B and UNIM 2020C	CCRUM	2023	03.04.2023 02.04.2026	32,42,400.00

34	DST/CSRI/2021/85(G) (Wise Kiran)	Prof. Suhel Parvez (Mentor)	SCLS/ Toxicology	Targetng Mmory Milestones Using In vido electrophysiology and Bio-Signal Processing as Novel Tools	DST	2023	30.03.2023 29.03.2026	58,24,602.00
35	CRG/2022/00389 5 dated 04.07.2023	Dr. Mohan Kamthan	SCLS/ Biochemistry	Evalauation of Sorcin dependent cytosolic retention of ChREBP and its aapplication as a therapy for non-alcoholic fatty liver disease	SERB	2023	04.07.2023 03.07.2026	35,31,000.00
36	CRG/2022/00920 0 dt. 19.06.2023	Dr. Mohd Ashraf Ashfaq	SCLS/ Botany	Development of a sustainable platform in linseed (Linum usitatissimum L) for molecular pharming of podophyllotoxin from Indian mayapple (Podophyllum hexandrum Royle)	SERB	2023	21.01.2023 20.01.2026	35,35,287.00
37	R.12014/65/2022-HR	Dr. Swati Chandra	SCLS/ Toxicology	Determining the effectiveness of bioactive metabolites of docosahexaenoic acid (DHA) by targeting the APP,BACE1, and APOE4 proteins n the Drosophila Alzheimer's disease model project summary	DHR	2023	01.01.2023 31.12.2025	27,09,000.00
38	13/A(3)/AD-hoc/66/2022-ITR	Dr. Prashant Kesharwani	SPER/ Pharmaceutics	Cell death inducing targeted therapy enhanced by amphiphilic co-block oloymeric manoscale drug delivry tool for traple negative breast cancer therapy	ICMR	2022	20.01.2023 19.01.2024	19,18,613.00
39	3-19/2021-CCRUM/Tech dt. 15.12.2022	Dr. Hinna Hamid	SCLS/ Chemistry	Development of chemical profile and identification of bioactive & chemical markers for authenticatin and elite identification of the selected Unani herbal drugs	CCRUM	2022	15.12.2022 14.12.2025	45,77,520.00
40	5/13/2/2022-NCD-III	Dr. Mohammad Shaquiquzaman	SPER./ Pharmaceutical Chemistry	In-silico-steered Synthesis,miolecular docking and cell cycle analysis of sulfur containing pyrimidine pendant chalcone derivatives as potent Lysine specific demethylase-I (LSD-1 OR KDM OR KIDMI) Inghibitora: A promising apoptosis inducing anticancer agents	ICMR	2022	Ist Year grant	15,435,613.00
41	SR/FST/LS-1/2017/05(C)	Prf. Suhel Parvez	SCLS/ Toxicology	FIST programme – Matching Grant from JH	DST	2023	05 Years, concluding 07.10.2023	1,62,00,000.00

42	R-12013/59/2024- HR	Mrs. Habiba / Mentor, Prof. BP Panda	SPER/ Pharmacognosy Phytochemistry	Studies on fermented phytomolecules of Withania somifera (L.) root and its application in alzheimir's disease	MHFW	2024	03.10.2024	46,07,966.00
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