

**BOSE INSTITUTE
KOLKATA**

LIST OF THE ONGOING PROJECTS FOR THE YEAR 2025-26

Sl. No.	Financial year of start	Project Code	Title of the Project	Name of the sponsor	Nature
1.	2025-26	BT/PR54093/BMS2/156/55/2024 DATED 06.05.2025	High-throughput in vivo Biosynthetic Cyclic Peptide Development Targeting CRISPR Adaptive Immunity in Pathogenic Bacteria to Enhance Bacteriophage Therapy against AMR	DBT	sponsored
2.	2025-26	BT/PR54681/BMS2/156/82/2024 dated 08-05-2025	Leveraging Candida albicans D-amino acid oxidase inhibition to protect the host from fungal infections	DBT	Sponsored
3.	2025-26	DST/CCP/NMSKCC/UCR&EE/MR DP/249/2025(G) dated 03-June-2025	Investigation of urban airborne bacteria and their impact on human health over metropolitan cities of Indo-Gangetic Plain in India	DST	sponsored
4.	2025-26	BT/PR54080/BSA/33/263/2024 (CN 21119) dated 24-07-2025	Functional characterization and interaction of archaeal prefoldin and small heat shock protein 14 with the Group II Chaperonin (Hsp60)	DBT	sponsored
5.	2025-26	ANRF/JBG/2025/000335/LS-G dated 01-Nov-2025	Identification of novel genome stability factors and potential antifungal drug targets in WHO-listed priority fungal pathogens	ANRF	sponsored
6.	2025-26	ANRF/ARG/2025/001808/LS Dated 19-Mar-2026	Discovery of a protein kinase moonlighting to promote de novo nucleosome assembly and its implication in chromatin organization	ANRF	sponsored

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LIST OF THE COMPLETED PROJECTS FOR THE YEAR 2025-26

Financial year of Termination	Project Code	Title of the Project	Name of the sponsor	Actual date of Completion
2025-26	14/10/2014-CC(Vol. II) dated 14.03.2017	National Carbonaceous Aerosols Programme (NCAP) WGIII: Carbonaceous Aerosols Emmissions, Source appointment and Climate effects	MoEFCC	30-Sep-25
2025-26	17-84/2006- 07/CCRH/Tech/Coll/BI/Cancer431-33 dated 06.06.2019	Role of Silica in Cancer regression : A mechanistic study	CCRH	30-Nov-25
2025-26	CRG/2021/004623 dated 04.01.2022	Mechanism of ganglioside GM2-mediated regulation of miR-15-5p in targeting oncogenic ID1 to mediate tumorigenesis	SERB	20-Jun-25