

**Department of Electronics Engineering**

Sl. No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Lakh)	Start Date of Project (in dd-mm-yyyy)	End Date of Project (in dd-mm-yyyy)	Name of PI
1	Bandwidth Adaptive RF Power Amplifier Modeling for Cross Bandwidth Testing	Analog Devices India Pvt. Ltd. (ADI), Bangalore	4.05	11.07.2024	10.07.2025	Prof. Rahul Bhattacharya
2	Development of lab-scale quantum fiber network, and design of plug-and-play photonic integrated modules for its transmitter & receiver towards secure 6G communication	Department of Telecommunication (DoT), Ministry of Communication, New Delhi	283.26	15.03.2025	14.03.2028	Prof. Mrinal Sen
3	Development of Quantum Algorithms for Next Generation Wireless Communication Systems	Department of Telecommunication (DoT), Ministry of Communication, New Delhi	70.44	18.03.2025	17.03.2028	Prof. Samrat Mukhopadhyay
4	Silicon Photonic Chip based N x N Photonic Switches for 6G and Beyond	Department of Telecommunication (DoT), Ministry of Communication, New Delhi	198.38	04.12.2024	03.12.2027	Prof. Devendra Chack
5	TeraHertz Communication: Prototype Development and Algorithm Design	Department of Telecommunication (DoT), Ministry of Communication, New Delhi	55.70	16.12.2024	15.12.2027	Prof. Himanshu Bhusan Mishra
6	Light-Triggered 2D Materials Integrated Metal Oxides-based Memristive Crossbar Array for Bionic Visual Application	DST, New Delhi	112.40	18.06.2024	17.06.2029	Dr. Sanjay Kumar