

Details of Extramural Projects

On-going

Sl. No	Title	Duration	Role as PI/Co-PI	Agency
1.	Understanding of Growth of Vertically aligned Nanowires or nanotubes of binary oxides and Physics of isotopic fractionation of gases by them	(2017-2020)	PI	Science and Engineering Research Board (SERB) Department and Science and Technology Govt of India (ref no: EMR/2017/001990)
2.	Technical Research Centre	(2016-2020)	PI (one of 8 original PI who formulated the project)	DST
3	An investigation on certain emerging aspects of Metal-Insulator Transition in thin oxide films	2017 - 2020)	Co-PI	SERB,DST EMR/2016/002855/PHY)

Details of Projects completed during the last 5 years:

Sl. No	Title	Duration	Role as PI/Co-PI	Agency
1.	Unit for Nanoscience in S.N.Bose Centre – Phase II	1-4-2011 to 31-3-2016	Co-PI	DST/Nanomission/SR/NM/NS-53/2010
2	Development of a mid-IR Cavity Ring-Down Spectrometer for High-Precision Real-Time Continuous Monitoring of Multiple Trace Gases and Stable Isotopic Species in the Atmosphere	2013-2017	Co-PI	Ministry of Earth Sciences (MoES) MoES/16/26/12-RDEAS