

# DETAILS OF THE RESEARCH PROJECTS COMPLETED

Sl. No	Funding Agency	Project Title	Duration	Amount in Lakhs Rs.
1	DST-EU	Organic-Inorganic hybrid solar cells:Optimization of materials properties, bulk heterojunction morphology and device efficiencies	2011-2016	155
2	DST-SERC	Design of NADH model based fluorescence chemosensors and investigations on their excited state behavior	2006-2010	32
3	UGC	UGC Innovative teaching and research programme in Interdisciplinary area: Photonics and Biophotonics.	2004-2009	29
4	DRDO	Caged and capped semiconductor nanoparticles: An investigation of their luminescence behavior and light induced multicomponent electron transfer processes across silicon layers.	2003-2007	23
5	DST-IRHPA	Femtosecond Up-Conversion facility	2003-2008	105
6	CSIR	Excited State Electron Transfer Reactions of Pyrylium Derivatives with organic sulphides	2002-2005	10
7	DST-IRHPA	Establishment of National Centre for Ultrafast Processes	1997-2002	312
8	ISRO	Excited State Reaction of decahydroacridinedione dyes: A new family of photoinitiators for photopolymerisation reactions	1996-1999	5
9	DAE	Excited State Electron Transfer Reactions of Pyrylium salts with heavy atom substituted electron donors: A special emphasis on the magnetic field effect	1995-1998	5
10	UGC	Excited Reactions of Acridinedione Dyes with amines.	1994-1997	2
11	CSIR	Photosensitization Studies of Industrially important triarylsulphonium salts.	1993-1997	4
12	DST-Young Scientist	Studies on the Reactions of Photogenerated Nitrate Radical with biologically important and atmospheric organic compounds	1991-1993	2
Total amount Lakhs Rs.				684