

Details of Research Projects

Sr. No.	Code No.	Title of the Project	Sponsoring agency	Name of Coordinator	Department	Year	Project Cost	Duration	Status
1	4/170	DST Project on Development of Guideline for Preventing Elderly Users Injuries at Intersection	DST	Dr Rakesh Kumar	DoCE	2011-12	38,62,305	3 year	Completed (2020-21)
2	4/174	CSIR Project on Dev. Of Indian Highway Capacity Manual (Indo-HCM)	CSIR	Dr G J Joshi Dr. Shriniwas S. Arkatkar Dr. Ashish Dhamaniya	DoCE	2012-13	66,84,000		Completed (2020-21)
3	4/175	DST Project on Utilization of Copper Slag and Fly ash for Road Construction and building materials	DST	Dr Rakesh Kumar	DoCE	2012-13	16,93,620	3 years	Completed (2020-21)
4	4/187	SERB Project – Use of water treatment plant sludge for the post treatment of UASB reactor treating municipal waste water	SERB	Dr M Mansoor Ahmed	DoCE	2013-14	16,90,000	3 years	Completed (2020-21)
5	4/192	BRNS Project – Estimation and prediction of near field concentration of KAPS discharged radionuclides (3H,137CS,60Co) in the aquatic environs of mothicher lake.	BRNS	Dr R A Christian	DoCE	2014-15	12,71,800	2 years	Completed (2020-21)
6	4/207	SERB Project - Study of traffic flow characteristic	SERB	Dr S S Arkatkar	DoCE	2013-14	21,74,000	3 years	Completed (2020-21)
7	3/133	Gujcost Project – Seismic resistant steel beam to column joints	Gujcost	Dr G R Vesmawala	DoCE	2014-15	4,30,000	2 Years	Completed (2019-20)
8	3/136	Gujcost Project – Use of Fly ash in Construction	Gujcost	Dr Rakesh Kumar	DoCE	2013-14	35,000		Completed
9	4/211	Traffic and Pedestrian Movement Analysis at undesigned pedestrian crossings on Urban Midblock Sections	SERB	Dr Ashish Dhamania	DoCE	2015-16	23,91,000	3 Years	Completed (2020-21)
10	4/212	Performance and design evaluation of test tracks of flexible pavement with waste materials in subbase and base Layers.	DST	Dr. Satyajit Patel(Pi) Dr. C H Solanki(Co-Pi)	DoCE	2015-16	1,61,15,200	3 Years	Completed (2023-24)
11	3/147	Experimental Studies on High Performance Concrete Using Industrial Wastes	Gujcost	Dr C D Modhera	DoCE	2016-17	3,00,000	2 Years	Completed (2019-20)

12	3/146	Some Studies on Performance of Previous Concrete for improving soft Ground	Gujcost	Pof J B Patel	DoCE	2016-17	6,92,000	2 Years	Completed (2021-22)
13	4/238	IT Indian Heritage Platform Enhancing Cultural Resilience in India by Applying Digital Technologies to the Indian Tangible and Intangible Heritage	Indian Council of Historical Research	Dr D A Patel	DoCE	2017-18	10,00,000	2 years	Completed (2023-24)
14	4/242	Experimental & Numerical Studies on Geosynthetics reinforced Fly ASH as a construction material	Esar Steel India Ltd,Surat	Dr.Satyajit Patel	DoCE	2017-18	2,30,000	1 year	Consultancy
15	4/244	Experimental & Numerical Studies on feasibility of Corex Plant Sludge for use as a construction material	Esar Steel India Ltd,Surat	Dr.Satyajit Patel	DoCE	2017-18	2,30,000	1 year	Consultancy
16	4/253	Securing Water for Agricultural and Food Sustainability: Developing Transdisciplinary Approach to Groundwater Management	MHRD	Dr. J N Patel	DoCE	2019-20	58,51,495	2 years	Completed (2024-25)
17	4/362	Making Village groundwater Visible: Outscaling MARVI	Austrailia India Institute, Australia	Dr. J.N.Patel +investigatoers from WSU Australia and other institute of india	DoCE	2023-24	2,80,000	6 Months	Completed (2024-25)