



RESEARCH PROJECTS FUNDED BY GOVERNMENT FUNDING AGENCIES

SN	<u>TITLE OF PROJECT</u>	<u>PRINCIPLE INVESTIGATOR</u>	<u>CO-INVESTIGATORS</u>	<u>FUNDING AGENCY</u>	<u>AMOUNT OF FUNDING</u>
1	Isolation and characterization of bioactive compounds through hairy root cultures of <i>Abrus precatorious (L.)</i> and <i>Helicteres isora (L.)</i>	Dr. Amita Jain	Prof. Neetin Desai	DST-SERB	23 LAKHS [INR]
2	Studies on differential gene expression related to salt tolerance in a halophyte <i>Sesuvium portulacastrum (L.)</i> L.	Prof. Neetin Desai	Dr. Vinayak Lokhande	DST	30 LAKHS [INR]
3	Screening of in vitro cultures of <i>Psoralea corylifolia</i> L and <i>Sesuvium portulacastrum</i> L. for inhibitor of eukaryotic DNA polymerase activity and anticancer activity	Prof. Neetin Desai	Dr. N. P. Malpathak, Vidyapeeth of Pune	DBT	43 LAKHS [INR]
4	Development of accurate methods of identification of non- timber plant species using DNA barcoding	Prof. Neetin Desai	Dr. Amit Jain	Forest Department, Govt of Maharashtra	18 LAKHS [INR]
5	Preliminary studies for DNA Barcoding of common bird families from India-Pycnonotidae: Bulbuls	Prof. Neetin Desai	Prof. Bharat Bhushan	Forest Department, Govt of Maharashtra	30 LAKHS [INR]
6	Establishment of protocol for rapid <i>in Vitro</i> multiplication and conservation of <i>Saraca asoca</i> : critically endangered plant species	Prof. Neetin Desai	-	Forest Department, Govt of Maharashtra	27 LAKHS [INR]
7	Identification of elite clones <i>Terminalia arjuna</i> and rapid clonal propagation	Prof. Neetin Desai	-	Forest Department, Govt of Maharashtra	27 LAKHS [INR]
8	Phytoremediation of textile dyes using hairy root culture	Prof. Neetin Desai	-	DST	15 LAKHS [INR]
9	Bioremediation of heavy metals using soil bacteria	Prof. Neetin Desai	-	DST	23 LAKHS [INR]
10	Loofa (loofa cylindrical) sponge as carrier for microbial cell immobilization and its application in the treatment of dye containing effluent	Dr. Mrs. Rijuta Saratale		DST-SERB	23 LAKHS [INR]
11	Studies on Genetic Polymorphism of selected candidate genes and association of telomere length attrition in coronary artery disease (CAD)	Dr. Sunita Singh	Ms. Mary David	BRNS (BARC)	25 LAKHS [INR]
12	Analysis of cellular and molecular genetic variation, phyto-chemical evaluation and <i>in vitro</i> propagation of <i>Curcuma longa</i> L. from northeastern region of India	Prof. S. R. Rao, Dr. Neelu Joshi	Prof. Neetin Desai	DBT	94.62 LAKHS [INR]