

<b>Sanctioned Projects</b>			
<b>Project Submission Format</b>			
<b>S.No.</b>	<b>Project Title</b>	<b>PI Name</b>	<b>Sanction</b>
2	Dhajji Dewari	Vasudeo Chaudhari	<b>30,000/-</b>
3	for Dharoi Dam- A Case of	Dhruvesh Patel	<b>235000/-</b>
4	Basin	Dhruvesh Patel	<b>240000/-</b>
5	through Geo-Spatial Techniques-	Dhruvesh Patel	<b>1,83,000/-</b>
6	Reinforced Cement Concrete with	Ronak Motiani	<b>250000</b>
8	textile reinforced concrete	Ronak Motiani	<b>180000</b>
9	electro-reduction and	Dr. Daya Kaul	<b>34.5</b>

<b>Completed Projects</b>			
<b>Submission</b>			
<b>S.No.</b>	<b>Project Title</b>	<b>PI Name</b>	<b>Sanction</b>
2	of CEPT sludge on corrosion	Dr. Niragi Dave	<b>0.88</b>
3	replacement of Cement with	Dr. Niragi Dave	<b>0.8</b>
4	characteristics in open channel	Mr. Naimish Bhatt	<b>1,50,000 /-</b>
5	Flouride contamination mapping through Geo Spatial Technique- A case of Mehasana district, Gujarat, India.	Mr. Naimish Bhatt	<b>1,83,000 /-</b>
6	Mechanical properties of concrete by varying fine aggregates proportion with copper slag	Mr. Naimish Bhatt	<b>60,000 /-</b>
7	Instrumental in developing Green Building Material Testing Facilities	Dr. Tejas Thaker	<b>15,50,000/-</b>
8	Instrumental in developing GIS and DGPS Facilities	Dr. Tejas Thaker	<b>12,00,000/-</b>
10	Assessment of Local Site Effect Using Ambient Noise Measurements for Vadodara Region	Dr. Tejas Thaker	<b>10,00,000/-</b>
11	Seismic Site Characterization of Vadodara Region	Dr. Tejas Thaker	<b>2,00,000/-</b>
12	Developing a Methodological Framework for High Resolution Digital Elevation Model Using Global Navigation Satellite System	Dr. Tejas Thaker	<b>2,42,500/-</b>
13	Seismic Hazard Analysis of Ahmedabad Region	Dr. Tejas Thaker	<b>50,000/-</b>

14	Reuse of Plastic Waste in Foundation Soil Reinforcement Application	Dr. Tejas Thaker Dr. Trudeep Dave	<b>65,000/-</b>
15	Estimation of Sesimic Risk through Microseismic Intensities	Dr. Tejas Thaker Dr.Kapil Mohan	<b>N/A</b>
16	Analysis and Design of Transmission Tower Foundation: A comparative Study (2014-15)	Dr. Tejas Thaker Mr. B B Shah	<b>N/A</b>
17	Multi-criteria based Seismic Hazard Evaluaton for Surat City, India using Geographic Information System.	Dr Tejas Thaker Mr.Akshay Jain	<b>N/A</b>
20	Modelling and Monitoring of Indoor Air Quality for few buildings of Ahmedabad city	Dr. Anurag Kandya	<b>2.5</b>
21	International Travel Support (ITS) for Young Scientist	Dhruvesh Patel	<b>77,453/-</b>
22	International Travel Support (ITS) for Young Scientist	Dhruvesh Patel	<b>1,03,333/-</b>
23	Flood Inundation/water logging mapping through Geo-Spatial technique-A real life case study of Ahmedabad city, Gujarat, India	Dhruvesh Patel	<b>1,95,000/-</b>
24	sustainable Development of Integrated TownShip Project	Dr. Debasis Sarkar	<b>1 lac</b>
25	An experimental study of Domestic grey water treatment by natural coagulants combined with dual layer filter media	Anantha Singh T S	<b>1.36</b>
26	Experimental study on the effect of CETP sludge on corrosion durability and leaching effects of concrete	Anantha Singh T S	<b>0.8</b>
27	Treatment of Ammoniacal Nitrogen from industrial wastewater by chemical method	Anantha Singh T S	<b>1.6</b>
28	Feasibility of using Electrospun Nanofibers as a filtration media for Wastewater Treatment	Anantha Singh T S	<b>1.7</b>
29	Study of Engineering properties of soil contaminated due to industrial waste.; Priyanka Mehta(13BCL053), Shivansh (13BCL002), Rima Shah(PhD student).	Dr. Manas Bhoi	<b>174000/-</b>

30	"Study of strength aspect of reinforced soil with plant roots ". Utsav Joshi (12BCL014), Rajendra Meena(12BCL026), Mayank Dohare(12BCL008).(ORSP/R&D/SRP/2015/UJMB)	Dr. Manas Bhoi	<b>157000/-</b>
31	"Improving engineering properties of soils having different permeability using chemical grouts."(Extended ); Naitik Patel(13BCL076), Manish Solanki(13BCL109), (Year: 2017)(ORSP/R&D/SRP/2015/NPM B)	Dr. Manas Bhoi	<b>35000/-</b>
32	"Bearing Capacity and Settlement analysis of eccentric shallow foundations placed on reinforced soil."; Abhishek Thayya(13BCL112), Parth Pujara(13BCL084), Chirag Savaliya(13BCL094).(Year: 2017)(ORSP/R&D/SRP/2016/ATH R)	Dr. Manas Bhoi	<b>74000/-</b>
33	"Study of strength aspect of different soils reinforced with plant roots."; Yash shah(13BCL012), Abhishek Patel(13BCL062) , Shivansh(13BCL001)(Year: 2017)(ORSP/R&D/SRP/2016/YSM B)	Dr. Manas Bhoi	<b>25000/-</b>
34	"Study of stress-strain behavior of soil for the case of inclined plane of failure with respect to normal stress.", Hariyali Pujara(14BCL153D).(Year: 2017)(ORSP/R&D/SRP/2017/HPM B)	Dr. Manas Bhoi	<b>18000/-</b>
35	"Study of Bearing capacity of eccentrically loaded circular, square and rectangular footing resting on reinforced granular soil"; Rajan shah(14BCL105), Rushab Shah(14BCL106), Smit Sheth(14BCL109).(Year: 2018)(ORSP/R&D/SRP/2017/SSM B)	Dr. Manas Bhoi	<b>40000/-</b>
36	Seismic Risk Assessment of Ahmedabad city	Ronak Motiani	<b>250000</b>


**On Going Projects**

<b>Project Submission Format</b>			
<b>S.No.</b>	<b>Project Title</b>	<b>PI Name</b>	<b>Project Sanction Amount (In Lakhs)</b>
1	Synthesis of Artificial Bitumen & Coloured Bitumen for India”	Dr. Rajesh Gujar Dr. Ashish Unadkat	7.92 Lakh
2	Flood Damage Assessment of Dhanera City of Banaskantha District Using Geo-Spatial Techniques and Hydrodynamic Flood Inundation Modeling	Dhruvesh Patel	37,59,000/-
3	Moving towards Organic Manure using gamma irradiated sewage sludge	Dr. Anurag Kandya	31
4	Urban Air Quality Modelling using Remote Sensing and Geographic Information Systems	Dr. Anurag Kandya	48
5	Treatment of Ammoniacal Nitrogen From Industrial Wastewater in a Combined Electrochemical and Biological Process	Dr. Anurag Kandya	20
6	Zero Peak Energy Building Design for India (ZED-I)	Dr. Anurag Kandya	
7	Assessing the impact of Groundwater uptake rate on salinity ingress and subsequent agricultural productivity	Dr. Anurag Kandya	15.7

8	Modelling and Monitoring of Indoor Air Quality for few buildings of Ahmedabad city	Dr. Anurag Kandya	<b>2.5</b>
9	Impact of Urbanization on Human Thermal Comfort: A case study of cities of Gujarat	Dr. Anurag Kandya	
10	Abetting Air Pollution through Intelligent Transportation System for Ahmedabad City	Dr. Anurag Kandya	<b>1.5</b>
11	Monitoring and Modeling heat moderating capability of a water body in an urban area	Dr. Anurag Kandya	<b>1.5</b>
12	Intelligent Dustbin for Food Waste Reduction in a mass eatery; sensitizing people using a real time alert system.	Dr. Anurag Kandya	<b>0.7</b>
13	Feasibility of using Electrospun Nanofibers as a filtration media for Wastewater Treatment	Dr. Anurag Kandya	<b>1.7</b>
14	Development of a low cost device for measurement of atmospheric integrated air pollutants	Dr. Daya Kaul	<b>0.45</b>
15	A method development for onroad online streaming of vehicle density and air pollution for a city to common publi	Dr. Daya Kaul	<b>2.2</b>
16	Diffusion based noise model development: an application for noise reduction through modified building orientation and noise damping material	Dr. Daya Kaul	<b>0.4</b>
17	Soil pollution due to transport and deposition of ash of plastic rich municipal waste burning on landfill sites	Dr. Daya Kaul and Dr. Tejas Thaker	<b>2.36</b>
18	Treatment of Ammoniacal Nitrogen from Industrial Wastewater in a Combined Electrochemical and Biological Process	Dr. Daya Kaul	<b>20.7</b>
19	Moving towards Organic Manure using gamma irradiated sewage sludge	Dr. Anurag Kandya	<b>35</b>
20	Removal of Arsenic From Aqueous Solution Using Combined Ultrasonic And Electrocoagulation Process	Anantha Singh T S	<b>2.45</b>



<b>Duration</b>	<b>YEAR of SANCTIONED</b>	
1 yr		
1 Years		
1 Years		
2 years		
1 year		
1 year		
3 years		

<b>Duration</b>		
1 Year		
1 Year		
2 Years		
2 Years		
2 Years		
2 Years		
2 Years		
1 year		
1 year		
3 year		

1 year		
1 Year		
1 Year		
1 Year		
1		
1 Week		
1week		
2 years		
6 months		
1 year		
1 year		
1 year		
1 year		
2 years		



1 year		
1 year		
1 year		
1 year		
1 year		
1 year		
6 months		
1 year		


<b>Duration</b>		
2 Years		
3 Years		
3		
3		
3		
5		
3		

1		
5		
1.5		
1.5		
1.5		
1.5		
1.5		
1yr		
2yr		
1yr		
2yr		
3 years		
3 years		
1 year		

