Projects Sanctioned Under the Climate Change Impact Studies for FY 2022-23

**Government of Gujarat**
**Climate Change Department**
Resolution No.CLCD/PUD/e-file/26/2022/0275/ B
Sachivalaya, Gandhinagar
Date: /11/2023

Read:

1. Climate Change Department GR No. PRJ/10/2013-679490/B dated 07/09/2019 regarding constituting the Technical Committee for Climate Change Impact Studies and Related Projects.
2. Climate Change Department GR No. PRJ/10/2013-679490/B dated 22/10/2019 regarding Allocation of Financial Power for Climate Change Impact Studies and Related Projects
3. Minutes of the Meeting of the Technical Committee held on 30/01/2023, 18/03/2023 and 23/03/2023.

**Resolution:**

In consideration of the recommendation by the Technical Committee at Sr. No. 1, The Following Projects are sanctioned with terms and conditions defined in this Resolution.

| Sr. No. | Institute/University | Project | Project Amount Submitted (Rs. in Lakh) | Project Amount Recommended by TEC. (Rs. in Lakh) |
|---|---|---|---|---|
| 1 | Navsari Agricultural University | Natural Resource Management for Climate Smart Sustainable Agriculture | 24.90 | 12.00 |
| 2 | Parul University | Climate Change Mitigation Using Rhizosphere Technology in Vadodara | 23.60 | 10.00 |
| 3 | Ganpat University | Development of Carbon Sink through Urban Afforestation to Realize 'Panchamrit Vision' of Government of India on Climate Conundrum in Gujarat State | 21.53 | 15.00 |
| 4 | Gujarat Student Start-up & Innovation Hub (i-Hub) | Climate Action Initiative through Innovation & Start-ups | 25.00 | 18.00 |
| 5 | M S University of Baroda | Assessment of Impact of Urbanization on local Climate with special focus on temperature for major cities of Gujarat | 24.48 | 18.00 |
| 6 | Sankalchand Patel University | Assessment of Ground Water Quality and its improvement through Artificial Recharge at Vadnagar, Dist Mehsana. | 24.80 | 10.00 |
| 7 | M S University of Vadodara | Research Proposal for Assessment of Pollution Load from Jambuva Landfill, Vadodara with special reference to leachate characterization | 29.20 | 10.00 |
| 8 | Nirma University | Development of a Series of Low-cost green solvents for carbon capture and Prediction of their thermo-physical Properties | 29.48 | 10.00 |
| 9 | Nirma University | Impact of Climate Change and Building Climate Resilience with Special Reference to Role of Local Self Governance in Gujarat: An analytical study | 10.00 | 6.00 |
| 10 | Gujarat Technological University | Screening and Optimization of Nitrous Oxide Removing Microbial Consortia for Sustainable Nitrous Oxide Bio filtration | 12.00 | 10.00 |
| 11 | Vishwakarma Government Engineering College | Study of Transportation associated Carbon Emission and its Remedies through De- carbonizing Transport (Electric Vehicle) | 49.60 | 18.00 |

Signature Not Verified
Signed by:Dr.Rajesh Baldania
Under Secretary
Date: 2023.11.20 18:02:18 +05:30

File No: CLCD/PUD/e-file/26/2022/0275/Section - B
Approved By: D M Pathan(DS,Section - B,CLCD)
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|---|---|---|---|---|
| 12 | Saurashtra University | Development of Carbon Dioxide Sequestering and Methane Reducer and Plant Growth Promoting Bio inoculum for Sustainable Agriculture Practice | 24.95 | 12.00 |
| 13 | Krantiguru Shyamji Krishna Verma Kachchh University | Understanding the Aridity and Desertification in Kachchh through climate and Geology | 86.16 | 18.00 |
| 14 | Ahmedabad University | eDNA assessment of Nalsarovar wetland: understanding the interplay of life and temperature | 24.75 | 12.00 |
| 15 | Dhirubhai Institute of Information and Communication and Technology (DA-IICT) | Impact of Climate Change on Crop Yield and Plant Disease for Major Crops In Gujarat using In-house IoT Enabled Sensor System | 18.72 | 12.00 |

**The sanction of these Projects are subject to the following terms and conditions:**

1. The Project proponents shall submit a progress report of this Project every quarter to this Department.
2. 50% of the Project Cost shall be released after the issue of this Sanction Order. The rest of the cost shall be given on submission of the requisite Utilization Certificate.
3. Release of further funds shall be based on the progress of the Project and Technical Evaluation by the Technical Team of GEDA.
4. The Project proponent shall keep representatives of this Department in the Technical and Financial Committees of this Project.
5. The Project proponent shall give details of the purchase, if any, made under this Project to this Department from time to time.
6. The research made under this Project shall not be finalized or published in any form including Journal Papers, Articles for Publications, Patents, etc. without the prior permission and approval of the Department.
7. The findings and results of the research under this Project shall exclusively be the property of the Government of Gujarat.
8. The Project Proponent shall follow all terms and conditions mentioned in this Department's Circular No. PRJ/10-2013/679490/B dated 18/06/2020.

The sanctioned amount shall be released through the Gujarat Energy Development Agency (GEDA). The expenditure shall be booked under the budgetary provision of this Department made in CLC-2 Climate Change Impact Studies and Related Projects (Head 3435 03 102 02).

This order is issued after approval of the competent authority.

Under Secretary
Climate Change Department
Government of Gujarat

**To,**

1. The Director, Gujarat Energy Development Agency (GEDA), Udhyog Bhavan, Gandhinagar (To Release Grant Accordingly).
2. Head of the Project Proponent Institute/University.

**Copy forwarded to:**

1. PS to Principal Secretary, Climate Change Department, Sachivalaya, Gandhinagar.
2. Financial Adviser, Climate Change Department, Sachivalaya, Gandhinagar.
3. Technical Adviser, Climate Change Department, Sachivalaya, Gandhinagar.
4. Accountant General, Ahmedabad.
5. IT cell, Climate Change Department, Sachivalaya, Gandhinagar.
6. Select File.

Signature Not Verified
Signed by:Dr.Rajesh Baldania
Under Secretary
Date: 2023.11.20 18:02:18 +05:30