

No: M-17056(11)/55/2026/MHVM/PSDMA
MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding (MoU) is entered into on this 04 day of July, 2026 at Puducherry.

BY AND BETWEEN

The Puducherry State Disaster Management Authority (PSDMA), Department of Revenue and Disaster Management, Government of Puducherry, represented by the Deputy Collector, Puducherry State Disaster Management Authority (PSDMA), Puducherry, having his office at the State Emergency Operation Centre, Opp. Latha Steel House, East Coast Road, Lawspet, Puducherry – 605008, hereinafter referred to as the "First Party" (which expression shall, unless excluded by or repugnant to the context, be deemed to include its successors-in-office and assigns);

AND

The Vellore Institute of Technology (VIT), a deemed-to-be university established under Section 3 of the UGC Act, 1956, having its main campus at Katpadi-Thiruvalam Road, Vellore - 632014, Tamil Nadu, India, acting through its Centre for Disaster Mitigation & Management (CDMM), represented herein by Dr. Surendar Manickam, Associate Professor, CDMM, acting as the Principal Investigator, hereinafter referred to as the "Second Party" (which expression shall, unless excluded by or repugnant to the context, be deemed to include its successors-in-office and assigns).

1. Purpose & Objectives

The objective of this MoU is to formalize the collaborative framework between PSDMA and VIT (CDMM) for executing the project titled "Multi-Hazard Vulnerability Mapping (MHVM) for the Union Territory of Puducherry." The project aims to deliver granular, enclave-specific, high-resolution GIS hazard maps to enhance institutional capacity and disaster resilience ahead of the Northeast Monsoon.

2. Scope of Work

The Second Party (VIT-CDMM) shall execute comprehensive multi-hazard vulnerability mapping across all four geographically distinct regions of the Union Territory of Puducherry (Puducherry, Karaikal, Mahe, and Yanam) as per the submitted proposal, which includes:

1. **Multi-Hazard Assessment:** Modeling and mapping environmental vulnerabilities including cyclones, floods, tsunamis, earthquakes, Heat



waves, drought and localized coastal dynamics.

2. **Data Integration:** Utilizing multi-temporal remote sensing datasets (Sentinel, Landsat, DEMs) coupled with ward-level socio-climatic and demographic data.
3. **Field Validation:** Mobilizing parallel field deployment teams to verify historical high-flood marks and carry out localized ground-truthing.
4. **Final Deliverables:** Provision of 4 distinct, high-resolution GIS-based hazard vulnerability atlases, raw spatial layers, data archiving, and a comprehensive policy alignment report.

3. Financial Outlay & Payment Terms

- A. **Total Consideration:** The total project cost is fixed at ₹4,72,000/- (Rupees Four Lakhs Seventy-Two Thousand Only), inclusive of 18% GST, covering all institutional charges, spatial data procurement, field logistics, manpower, and travel.
- B. **Funding Source:** The project expenditure shall be remitted from the **Preparedness and Capacity Building (12.5% Allocation)** window of the State Disaster Response Fund (SDRF).
- C. **Payment Milestones:** payments will be released directly to the Second Party's designated institutional bank account based on the following schedule:
 - **Advance Mobilization:** 30% of the total project cost upon the signing of this MoU and issuance of the Work Order.
 - **Mid-Term Progress:** 40% upon submission and technical review of preliminary draft hazard maps for Puducherry and Karaikal regions.
 - **Final Release:** 30% upon successful submission, validation, and acceptance of the final GIS hazard atlases for all four enclaves along with the final report.

4. Timeline and Duration

- A. This MoU shall come into effect on the date of signing and shall remain valid for a period of **Six (6) months** or until the final deliverables are formally approved by PSDMA, whichever is earlier.
- B. The Second Party commits to fast-track the parallel field operations to **complete draft deliverables before October 2026** to ensure utilization for Northeast Monsoon preparedness.

5. Obligations of the Parties

- **First Party (PSDMA):** Shall provide administrative support, facilitate necessary local permissions for field entry, share existing non-classified



regional demographic/topographical maps if available.

- **Second Party (VIT-CDMM):** Shall deploy competent technical personnel (led by Dr. Surendar Manickam), maintain the highest scientific and academic standards, execute field validation independently, and adhere strictly to the stipulated timeline.

6. Intellectual Property & Confidentiality

All spatial data, hazard models, GIS shapefiles, and final atlases generated under this assignment shall be the sole property of the Government of Puducherry (PSDMA). The Second Party shall maintain strict confidentiality and shall not publish or share any project data with external entities without written consent from the First Party.

7. Dispute Resolution

Any dispute arising out of the interpretation or implementation of this MoU shall be resolved amicably through mutual discussions between the Head of the First Party and the Vice-Chancellor/Registrar of the Second Party. Unresolved matters shall fall under the jurisdiction of the courts at Puducherry.

IN WITNESS WHEREOF, the parties hereto have signed this Memorandum of Understanding on the day, month, and year first written above.

For and on behalf of PSDMA (First Party)	For and on behalf of VIT (Second Party)
	
P. MASSILAMANI Deputy Collector (DM) PSDMA	Dr. SURENDAR MANICKAM Associate Professor Centre for Disaster Mitigation & Management, Vellore Institute of Technology

Witnesses:

 04.07.2026	 04.07.2026
(Name, Designation, Signature)	(Name, Designation, Signature)

S. JEYACHANDRAN
TAHSILDAR-cum-EXECUTIVE MAGISTRATE
PUDUCHERRY STATE
DISASTER MANAGEMENT AUTHORITY
PUDUCHERRY

S. SINDUJA
DEPUTY TAHSILDAR - PSDMA