

## MEMORANDUM OF UNDERSTANDING

Between



**UTTAR PRADESH STATE DISASTER MANAGEMENT AUTHORITY,  
LUCKNOW**

And



**CHANDRA SHEKHAR AZAD UNIVERSITY OF AGRICULTURE &  
TECHNOLOGY, KANPUR**

This agreement is made and entered on **21<sup>st</sup> February 2024** between the **Uttar Pradesh State Disaster Management Authority** (hereinafter called '**UPSDMA**'/'**First Party**') with its headquarter at B-2 Ground Floor PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow - 226010 and **Chandra Shekhar Azad University of Agriculture & Technology**, Kanpur (hereinafter called '**CSAUAT**'/'**Second party**') with its headquarter at Agricultural College Lane, Nawabganj, Kanpur 208002.

*(First Party and Second party are hereinafter jointly referred to as 'Parties' and individually as 'party')*

### WHEREAS:

UP SDMA was established under the chapter 4 of Disaster Management Act 2005 to spearhead and adopt a holistic and integrated approach to disaster management at the state level.

*And*

Chandra Shekhar Azad University of Agriculture and Technology, Kanpur (CSAUAT) one of the oldest agricultural institution of the nation serving since 1893, was established by the Uttar Pradesh Krishi Evam Prodyogik Vishwavidhalaya Adhiniyam, 1958 on March 1<sup>st</sup> 1975 through an act of legislation UP Act XI-V of 1958 with mandate of the making provision for the education of rural people of Uttar Pradesh in different branches of agriculture, including rural industry and business and other allied subjects, furthering the frontiers of research in agriculture and allied sciences; and for undertaking field and extension programmes in its service area.

Both Parties desire to collaborate with each other for carrying out joint activities and to provide assistance and support to each other in their respective individual activities and programmes as mutually decided by both parties from time to time.

(Signature of First Party)

(Signature of Second Party)

*Now therefore, both parties after mutual discussion and consent have executed and signed this MOU and settled terms and conditions of this collaboration between the parties, which are as under:-*

**1. Purpose.**

- I. Actualisation of Prime Minister's Ten point agenda on Disaster Risk Management (DRM) and integration of disaster management issues into the curriculum and activities of the Universities.
- II. Sensitising, updating and guiding the educators, researchers, students and all those engaged in inclusive development, knowledge and capacity building on sustainability to help develop their disaster resilience.
- III. Networking of Universities to play a key role in factoring disaster management in the implementation of development plans in accordance with the Prime Minister's TPA on DRR. Sustainable development needs to be disaster resilient and adaptive to climate change impacts and should also be included in the University curriculum.

**1.1 Prime Minister's Ten Point Agenda (TPA).**

Prime Minister's TPA envisages the following salient features, including pandemics like COVID-19 etc. to be taken up by all Departments of the State and District Level as applicable:

- |                  |   |
|------------------|---|
| Agenda Point1-   | All development sectors must imbibe the principles of disaster risk management.   |
| Agenda Point 2-  | Risk coverage must include all; starting from poor households to SMEs, multi-national corporations and nation-states.                 |
| Agenda Point 3-  | Women's leadership and greater involvement should be central to DRM.  |
| Agenda Point4-   | Invest in risk mapping globally to improve global understanding of nature and disaster risks.   |
| Agenda Point 5-  | Leverage technology to enhance efficiency of DRM efforts.   |
| Agenda Point6-   | Develop a network of universities to work on disaster-related issues.   |
| Agenda Point 7-  | Utilize the opportunities provided by social media and mobile technologies for DRR.   |
| Agenda Point8-   | Build on local capacity and initiative to enhance DRR.  |
| Agenda Point 9-  | Make use of every opportunity to learn from disasters and to achieve that, there must be studies on the lessons after every disaster. |
| Agenda Point 10- | Bring about greater cohesion in international response to disasters.  |

  
(Signature of First Party)

  
(Signature of Second Party)



## 2. Roles and Responsibilities.

### 2.1 Role and Responsibilities of UPSDMA.

UP SDMA shall take decisions as per the need of disaster risk situations in the State and communicate to CSA University for mutually agreed action. UPSDMA will facilitate and financially support all work to be undertaken by CSA, University including documentation, special study grants and research projects and organising workshops and awareness programmes, etc. UPSDMA will also facilitate the curriculum development and activities of the networked Universities/Institutions related to DRM and provide the associated organisations.

### 2.2 Roles and Responsibilities of CSA University.

The CSA, University agrees to conduct all activities as a Nodal Institute, for networking with other regional Universities and educational institutions to make them understand and actualise the Prime Minister's TPA on DRR, bringing relevant documents of mutual interest through analysis of primary and secondary data, conducting studies, and build the capacity of students, faculties and staff.

## 3. Expected Outcomes.

### 3.1 General Outcomes.

It is expected to establish a network with other universities and educational institutions to make them understand and actualize Prime Minister's TPA on DRR. As part of this network, different universities would specialise in multi-disciplinary research on disaster issues most relevant to them. As a consequence, the expected general outcomes of this MoU are:

- a) Bringing forth mutually agreed relevant documents through the analyses of primary and secondary data, conducting relevant studies and building the capabilities of students, faculties and staff on disaster related issues.
- b) Activities and studies to handle emergent situations arising due to infectious diseases, such as the recent COVID pandemic, so as to impact society positively.
- c) Research projects, studies, and related activities shall be conducted by the research centres on the issues of inter-linkages between climate change, disaster management and population health.
- d) Facilitate the making of disaster management plans at district, block and GP levels.

### 3.2 Field-Specific Outcomes.

- a) **Disaster Preparedness and Response.** Conducting joint conferences, workshops, training programs, and simulations on disaster preparedness, response and mitigation strategies. Developing and implementing protocols for disaster management agricultural settings. Collaborating on research projects related to assessing and mitigating disaster risks in agriculture.
- b) **Technology Integration for Disaster Management.** Exploring and implementing innovative technologies (like drones, GIS, IoT) for disaster assessment, monitoring and response in agricultural areas. Developing and testing technology-based solutions to improve early warning systems for agricultural disasters.

  
(Signature of First Party)

  
(Signature of Second Party)

- c) **Capacity Building and Education.** Offering joint courses, seminars, and educational programs on disaster management and agricultural resilience. Creating educational materials and resources for farmers and local communities regarding disaster preparedness and recovery in agriculture.
- d) **Agricultural Research and Development.** Collaborating on research initiatives focusing on resilient agricultural practices suitable for disaster-prone areas. Developing and promoting drought, flood, or other disaster-resistant crop varieties and agricultural techniques.
- e) **Policy Development and Advocacy.** Working together on policy recommendations and advocacy efforts aimed at integrating disaster management considerations into agricultural policies. Providing expert advice and consultancy for government bodies on disaster-resilient agricultural practices.
- f) **Community Engagement and Outreach.** Conducting joint outreach programs and awareness campaigns in rural communities to promote disaster preparedness and sustainable agricultural practices. Facilitating farmer-to-farmer knowledge exchange programs to share best practices for disaster-resilient agriculture.
- g) **Data Sharing and Analysis.** Sharing data and resources for mutual benefit in understanding disaster impacts on agriculture and developing effective strategies based on shared insights. The collected data analysis performed and reports/documents produced under various objectives as part of this MoU will be exclusively used for the mutually agreed purpose.
- h) **Cross-disciplinary Research Projects.** Collaborating on interdisciplinary research projects that combine expertise in agriculture, technology, environmental sciences and disaster management for comprehensive solutions.
- i) Both parties agree to collaborate with each other in other areas of DRR with mutual consent.

#### 4. Immediate Activity to be Conducted.

A joint conference under the MoU between UP SDMA and CSA University will be organised in financial year 2024-25. This significant endeavour, which will be funded by UP SDMA, aims to tackle the critical intersection of DRR in Agriculture. The conference shall be a pivotal platform uniting diverse stakeholders - researchers, policymakers, practitioners, and community representatives. Their convergence embodies a collective resolve to fortify agriculture against the pervasive threats of disasters, fostering resilience at the core of agricultural practices.

#### 5. Commencement and Duration of MoU.

The agreement will come into effect immediately after its signing and will continue for a period of five years. The tenure of the MoU may be extended further through mutual consent.

#### 6. Amendment and Termination.

The terms of this MoU may be amended from time to time with mutual consent.

The MoU can be terminated by any of the two institutions. This shall be affected by giving the other institution at least ninety (90) days advance written notice of its intention to terminate. Termination shall be without any penalty.

  
(Signature of First Party)

  
(Signature of Second Party)



The amendment, termination, and expiration of this MoU will not affect the terms of activities ongoing at the time of notification of amendment or termination and expiration unless otherwise agreed upon by the two parties.

#### 7. Indemnity.

The CSA University shall remain indemnified in case of any injury caused during a training program due to any faulty protocol, etc.

Both UP SDMA and CSA University agree to the above principle subject to the completion of such other formalities required by the university bodies, including the approval of the Competent Authorities.


#### 8. Counterpart

This MOU is signed in original duplicate and each of them will have same validity and effect.


#### 9. Dispute Settlement


In the event of any unforeseen issues or matters not covered herein or any difference or dispute in relation to the interpretation or any matter concerning this MOU, the same shall be resolved amicably by both the parties.

**In witness whereof the parties hereto have caused this MoU to be duly signed and executed by their duly authorized officers/representatives as of the above written date.**

  
21 Feb 2024  
**Lt. Gen Yogendra Dimri**  
PVSM, AVSM, VSM (Retd)  
Vice Chairperson  
UP State Disaster Management  
Authority Lucknow, Uttar Pradesh


Witness:


  
1- **Dr Bhanu Mall**  
Member Advisory Committee  
UPSDMA, Lucknow

  
21/2/24  
2- **Dr Kashif Imdad**  
Member Advisory Committee  
UPSDMA, Lucknow

  
**Dr Anand Kumar Singh**  
Vice Chancellor  
Chandra Shekhar Azad University of  
Agriculture & Technology Kanpur,  
Uttar Pradesh  
C.S. Azad University of  
Agriculture & Technology  
KANPUR

Witness:

  
1- **Dr. P.K. Singh**  
Director Research  
CSAUA&T, Kanpur

  
2- **Dr. Munish Kumar**  
Dean, Forestry/Nodal Officer ICAR  
CSAUA&T, Kanpur