

MEMORANDUM OF UNDERSTANDING
BETWEEN
KAVERI UNIVERSITY, GOWRARAM
AND
DR. REDDY'S FOUNDATION, HYDERABAD

This Memorandum of Understanding ("MoU") is entered into between **Dr. Reddy's Foundation (DRF)**, a Trust registered under the Indian Trusts Act, 1882, having its registered office at 6-3-655/12, Somajiguda, Hyderabad – 500082, Telangana, India (hereinafter referred to as "DRF") which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include the successors and permitted assigns of the FIRST PARTY.

AND

Kaveri University, Gowraram, 502279, Telangana, India, a private University established as per the Telangana Private Universities (Establishment & Regulation) Act, 2018 under section 3, having its headquarters at Gowraram Village, Wargal Mandal, Siddipet-502279, Telangana, India (hereinafter referred to as "Kaveri") which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns of the SECOND PARTY.

KAVERI and DRF are hereinafter collectively referred to as "the Parties" and individually as "the Party".

ARTICLE I: PURPOSE

The purpose of this MoU is to establish a collaborative framework between KAVERI and DRF for promoting research, academic excellence through student and staff exchange, innovation, skill development, technology transfer, climate-resilient agriculture, digital agri-intelligence systems, sustainable rural livelihoods through joint programs, conferences, workshops, Brain storming sessions, joint-certification and Degree/Diploma programs, action research, Farmer's Training, exposure visits and institutional cooperation.

ARTICLE II: OBJECTIVES & SCOPE OF COLLABORATION

The Parties, inspired by their common objectives to strengthen sustainable agriculture, soil health management, climate resilience, and rural development, agree to collaborate in the following areas:

- **Digital Soil Health Repository**
Joint development of a comprehensive digital repository for Indian soils using remote sensing, GIS, AI/ML tools, and digital agriculture technologies for data-driven soil management and agricultural advisories.
- **Action Research & Technology Transfer**
Conducting collaborative action research programs on soil health, regenerative agriculture, climate-smart farming, and transferring validated technologies to farmers and rural communities.
- **Testing & Validation Services**
Leveraging mutual strengths in laboratory and analytical facilities for testing and validation of soil, water, plant, compost, biochar, grain, and environmental quality parameters.
- **Cropping System Modelling**
Development of predictive and decision-support models to assess the suitability of cropping systems across different agro-ecological zones and climate scenarios.
- **Soil Health Indices**
Developing region-specific soil health indices and sustainability indicators for scaling soil health interventions and regenerative agriculture programs.
- **Capacity Building, Training & Diploma/Degree programs**
Organizing joint training programs, farmer field schools, workshops, certification courses, and skilling initiatives for farmers, rural youth, women, students, and extension personnel. To design Degree in service program for DRF employees, who wish to pursue their higher education while working at DRF.
- **Student Internship/Fellowship and research exposure Programs**
Facilitating internships, field immersion programs, dissertation support, industrial exposure visits, fellowship opportunities and research exposure programs for undergraduate, postgraduate, and doctoral students with partner universities/ organizations.
- **Joint Research & Development Programs**
Undertaking collaborative action research projects in areas including:
 - Climate-smart agriculture
 - Carbon farming
 - Soil carbon sequestration
 - Biochar applications
 - Agroforestry systems
 - Precision agriculture
 - Digital MRV systems
 - Sustainable input systems
 - AI-enabled advisory systems and Remote Sensing
- **Student sharing Opportunities**
Exploring joint-supervision for PG/Ph.D, students in areas of mutual interest and subject to availability of resources at the respective organizations.

- **Brainstorming & Joint-Certification programmes**
Organizing sessions for Brainstorming on topics of mutual interest like Regenerative Agriculture, digital soil intelligence systems. Conduct training and certification of village youths and farmers on Farm machinery maintenance, Drone operations and other agri-service provider models.
- **Soil Testing & Diagnostic Services**
Establishing collaborative frameworks for soil testing campaigns, nutrient diagnostics, mobile soil laboratories, and precision nutrient advisory services.
- **Co-development of Goods & Services**
Joint development, validation, incubation, and upgradation of technologies, tools, software platforms, advisory systems, soil amendments, climate services, and agricultural products/services for farmers and institutions.
- **Knowledge Exchange & Publications**
Promoting exchange of scientific knowledge through conferences, seminars, publications, policy papers, technical bulletins, and outreach materials.

ARTICLE III: TECHNICAL ACTIVITIES

In alignment with the expertise and institutional strengths of both Parties, the following technical activities may be undertaken:

- Certification, Degree/Diploma Programs
- Student internship
- PG/PhD joint guidance
- Climate-smart agriculture decision support systems
- AI and ML-enabled farm advisory platforms
- Soil organic carbon assessment and carbon sequestration mapping
- Regenerative agriculture demonstration projects
- Biochar production, characterization, and field validation
- Precision farming and digital MRV pilots
- Agroforestry and integrated farming system models
- Soil microbiome and biological health studies
- Farmer and village youth hands-on training on trouble shooting of farm machineries.
- Rural entrepreneurship and agri-startup incubation
- Sustainable livelihood and value chain interventions

ARTICLE IV: IMPLEMENTATION & GOVERNANCE

1. Each Party shall designate a nodal officer/coordinator for effective implementation of this MoU.
2. Specific activities, deliverables, , timelines, and responsibilities shall be detailed through mutually agreed project-specific work plans or addendums.
3. Joint review meetings shall be conducted periodically, preferably once every year, to assess progress and identify future opportunities for collaboration.

4. The Parties may constitute joint technical committees or advisory groups for monitoring implementation and guiding collaborative programs.

ARTICLE V: INTELLECTUAL PROPERTY RIGHTS (IPR) & PUBLICATIONS

1. Any intellectual property, technologies, databases, software, publications, or innovations arising from joint activities shall be jointly owned by both Parties unless otherwise agreed in writing.
2. The licensing, or transfer of jointly developed products/services shall be governed through separate agreements.
3. Any Party intending to publish research outputs arising from joint work shall provide prior notice to the other Party for review and consent.
4. Both Parties agree to maintain confidentiality of proprietary information, research data, farmer data, and institutional information shared during the collaboration.
5. Where necessary, separate Non-Disclosure Agreements (NDAs) and Data Sharing Agreements may be executed.

ARTICLE VI: FINANCIAL ARRANGEMENTS

1. This MoU represents a framework for collaboration and does not involve direct financial obligations unless separately agreed in writing.
2. Each Party shall ordinarily bear its own costs associated with activities under this MoU unless otherwise specified through separate approved project agreements.

ARTICLE VII: VALIDITY, AMENDMENT & TERMINATION

1. This MoU shall remain valid for a period of five (5) years from the date of signing unless terminated earlier by either Party.
2. The MoU may be extended or amended through mutual written consent of both Parties.
3. Either Party may terminate this MoU by providing ninety (90) days written notice to the other Party.
 4. Termination shall not affect ongoing approved projects, activities, or obligations already undertaken unless mutually agreed otherwise.

ARTICLE VIII: DISPUTE RESOLUTION

Any dispute arising out of the interpretation or implementation of this MoU shall be resolved amicably through mutual consultations between the Parties.

IN WITNESS WHEREOF

The Parties hereto have signed this Memorandum of Understanding on the dates mentioned below.

For and on behalf of

KAVERI	DRF
	
Name: Dr. V. Praveen Rao	Name: Mr. Suman Saraswathibatla
Designation: Vice Chancellor	Designation: Director – Rural Livelihoods
Date & Seal: 	Date & Seal: 