

Memorandum of Understanding (MoU)
between
Kalasalingam Academy of Research and Education (Deemed to be University), Krishnankoil,
Tamil Nadu
&
ICAR-Central Agroforestry Research Institute, Jhansi, Uttar Pradesh

This Memorandum of Understanding (MoU) is entered between “**Kalasalingam Academy of Research and Education (Deemed to be University), Krishnankoil, Tamil Nadu**” having its Campus at Krishnankoil, Tamil Nadu, hereinafter called “**KARE**” and **ICAR-Central Agroforestry Research Institute, Jhansi, Uttar Pradesh**, hereinafter referred to as “**CAFRI**”. Both KARE and CAFRI are independently referred to as “**Party**” and collectively as “**Parties**”.

The Parties have agreed to engage in a broad spectrum of joint activities in the field of Natural Resource based Sustainable Livelihood Promotion in the southern part of India. This MoU shall be treated as a platform on which both Parties agree to work together in future. The terms and conditions of this collaboration are as follows.

BACKGROUND

Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu

Kalasalingam Academy of Research and Education formerly Arulmigu Kalasalingam College of Engineering was established in 1984 by Kalvivallal Thiru T.Kalasalingam, Founder Chairman who was a freedom fighter and Philanthropist. KARE is Located at the pristine foothills of scenic Western Ghats of southern Tamil Nadu. The college obtained the Deemed to be University status in 2006. The Institution has been serving the society for forty long years and it caters to the needs of the students from all walks of the society. It offers UG, PG and Ph.D programmes in various disciplines of Engineering, Science, Agricultural Sciences, Technology, Humanities, Nursing and Law. It is the first Institution in India to introduce a special B.Tech. programme in engineering for the differently able (speech and hearing impaired) students. Eleven programmes of the institution have been accredited by ABET. Eight UG and three PG programmes have been accredited by NBA. The Institution has been ranked 29th under University Category, 36th under Engineering Category and 48th under Overall Category by NIRF 2023. The Institution has been re-accredited by NAAC with ‘A++’ grade. The B.Sc. (Hons.) Horticulture programme has been accredited by ICAR, New Delhi. The institution has been ranked 323rd at the Global level by UI Green Metric World University Ranking, 2023. The Institution continues to do indefatigable work in getting research projects. It has received DST funding to establish the National Center for Advance Research in Discrete Mathematics. KARE has got the state-of-the-art International Research Centre with splendid high-end instruments for advanced research in material sciences and life sciences. Multistoried separate hostels with

plenty of facilities provide accommodation to thousands of students. The institution has spent an exorbitant sum to create a world class swimming pool and indoor auditorium for sports. Furthermore, KARE gives utmost importance to Intra-mural and Extra-mural activities for the holistic development of the students.

Central Agroforestry Research Institute, Jhansi, Uttar Pradesh

ICAR-Central Agroforestry Research Institute (ICAR-CAFRI), formerly the National Research Centre on Agroforestry, is a multidisciplinary premier research institute of Indian Council of Agricultural Research (ICAR) located at Gwalior Road, Jhansi, Uttar Pradesh. The Institute was established in 1988 with a mission to improve quality of life of rural people through integration of woody perennials on agricultural landscapes for economic, environmental and social benefits. The Institute works with a vision of "Integration of woody perennials in the farming system to improve land productivity through conservation of soils, nutrients and biodiversity to augment natural resource conservation, restoration of ecological balance, alleviation of poverty and to mitigate risks of weather vagaries". The Institute is mandated to develop sustainable agroforestry practices for farms, marginal lands and wastelands in different agroclimatic zones of India; coordinate network research for identifying agroforestry technologies for inter-regions; training in agroforestry research for ecosystem analysis and transfer of agroforestry technology. CAFRI has developed robust agroforestry models and package of practices for different agro-climatic conditions covering small and marginal farmers.

1. PURPOSE & SCOPE OF COLLABORATION

The potential areas of collaboration include research, education, training, capacity building, experience sharing and knowledge management, in the domain of Agroforestry and Natural Resource based Sustainable Livelihood Promotion & Ecosystem Health Management. The specific areas for joint activities will be decided in due course of time.

2. OUTLINES OF THE COLLABORATION

This document is not intended to create legal or binding obligations on either Party. It serves only as a record of the Parties' current intentions. This will be a sustaining program and will help sourcing funds for collaborate research/academic programs from external agencies. We also plan to work on a joint online courses program in Agroforestry and allied disciplines, which could be an avenue for further cooperation between KARE and CAFRI.

Under the aegis of this agreement, KARE & CAFRI shall jointly explore the possibilities of working mainly in the southern part of India. The major focus of this collaboration shall be on:

- Developing joint curricula for mutually identified programs;
- Guiding students for Postgraduate & Doctoral research with CAFRI as an extended research campus of KARE;
- Joint research in agroforestry and hill farming including forest farm interface;

- Promoting agroforestry models suitable for the southern region through establishment and demonstration of successful tree-based farming solutions;
- Each institution will encourage the exchange of faculty/scientists for joint teaching and research programs on agroforestry and climate change mitigation and adaptation, and collaborative professional training programs on agroforestry and allied aspects including distance education programs in agroforestry;
- Faculty/Scientists from each institution will collaborate in developing proposals for external funding as appropriate;
- Apprenticeship/On-Job training of students of KARE at CAFRI under National Employability Enhancement Mission of AICTE and Board of Practical Training (Southern Region) under Ministry of Education, Govt. of India.
- Any expenses incurred by each institution under this agreement will be the sole responsibility of the institutions concerned;

2.1 Academic and Research Collaboration:

In pursuant of the agreement, academic and research collaborations shall be initiated between both Parties. Academic collaboration shall involve faculty members/scientists visiting their counterpart institutions for short-term (1-3 months) teaching assignments, evaluation and curriculum development. The eligible faculty members/scientists may also be a part of the dissertation/thesis supervision along with the host institution faculty members/scientists.

Research collaboration shall involve visits of faculty members/scientists to each other's institution, organizing scientific conferences, seminars and write collaborative research projects for funding and be a part of in-house research funded projects. Research collaboration shall involve being a part of the publication authorship group, keeping intellectual property rights intact.

2.2 Exchange of academic information, data generation and dissemination, and scholarly publications:

In pursuant of the agreement, exchange of academic information, data regeneration and dissemination and scholarly publications shall be the privilege of both institutions involved. The data generation could be from primary or secondary sources. The samples to be collected from field areas shall be shared as per convenience and the Government protocols. Secondary data source and sharing shall also need to have clearances of the Government procedures. Dissemination of information to print/visual media shall be as per the Government protocols.

3. Publication & Intellectual Property Rights

- (i) If the research is conducted and completed in India with the help of KARE members in the team, the intellectual property will be protected in India with KARE as a co applicant. ICAR-CAFRI will have rights to commercialize technology.

- (ii) If the research is conducted and completed in India with the help of ICAR-CAFRI members in the team, the intellectual property will be protected in India with ICAR-CAFRI as a co-applicant. KARE will have rights to commercialize the technology.
- (iii) In case application is to be made for international protection, then both ICAR-CAFRI and KARE will apply as co-applicants for the protection of intellectual property rights subject to exclusive rights of both the Parties to commercialize the technology in their respective countries. Commercialization in any other country shall be done jointly through a separate agreement.
- (iv) In case research is carried out solely and separately by the Party or the research results are obtained through the sole and separate effort of the Party, the Party concerned alone will apply for grant of IPR and once granted, the IPR will be solely owned by the Party concerned.
- (v) In case of research results obtained through joint activities, the grant of intellectual property rights will be sought by both the Parties jointly and once granted these rights will jointly be owned by the Parties.
- (vi) Any Publication, document and/or paper arising out of joint work conducted by the participants pursuant to this MoU will be jointly owned. The use of the name, logo and/or official emblem of the participants in any publication, document and/or paper will require prior permission of both the participants. It may however be ensured that the official emblem and logo is not misused.
- (vii) Both Parties agree to ensure appropriate protection of intellectual Property Rights generated from such cooperation consistent with their respective laws, rules and regulations and other international agreements to which both Parties are signatories.

4. Performance Standards

The Parties shall perform their respective roles and responsibilities under this MoU with the highest standards of professional and ethical competence and integrity.

5. Disclosure of Information

ICAR-CAFRI and KARE agree that except for a Court Order requiring disclosure, neither shall disclose to any third party without the written consent of the other, any information made available to the Parties, in the performance of work and/or generated by the performance of work, under this Agreement, except information which at the date hereof was;

- (i) In the public domain
- (ii) Known to either prior to the date hereof as evidenced by written documents subsequently.

The provisions in this Article shall survive termination or completion of the Memorandum of Understanding.

6. Amendments

The Parties to this MoU may, by mutual consent, add, modify, amend or delete any words, phrases, sentences or Articles in this MoU.

7. Validity of the MOU

This Memorandum of Understanding will become effective on the date of signing and will have a duration of five (5) years. However, it can be extended by mutual agreement. Any cessation of the MoU by either Party shall be notified in writing to the other Party at least six months in advance.

8. Arbitration

Dispute arising out of this MoU, if any, shall be amicably settled jointly by Kalasalingam Academy for Research and Education, Tamil Nadu and the Central Agroforestry Research Institute, Uttar Pradesh.

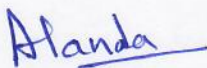
IN WITNESS WHEREOF, the Parties hereby execute the MoU in two original copies in English language on the 6th of August 2024


Dr. A. ARUNACHALAM

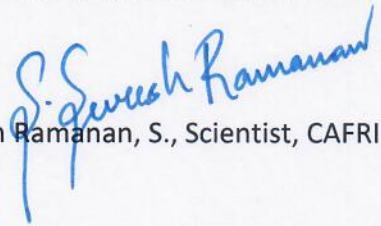
Designation: Director

FOR AND ON BEHALF OF THE ICAR-
CENTRAL AGROFORESTRY RESEARCH INSTITUTE
JHANSI, UTTAR PRADEH

Witnesses:

Signature: 

Dr. A.K. Handa, Principal Scientist, CAFRI

Signature: 


Mr. Suresh Ramanan, S., Scientist, CAFRI


Dr. S. NARAYANAN

Designation: Vice-Chancellor

FOR AND ON BEHALF OF THE
KALASALINGAM ACADEMY OF RESEARCH &
EDUCATION, KRISHNANKOIL
Anand Nagar, Krishnankoil - 626 126.

Witnesses:

Signature: 

Dr. V. Vasudevan, Registrar, KARE
(Deemed to be University)

Signature:  - 626 126

Dr. V. Pandiyarajan, Dean, KARE