

## MEMORANDUM OF UNDERSTANDING

M.1.1 The MEMORANDUM OF UNDERSTANDING (MoU) is made and entered into force this 30<sup>th</sup> day of October Two Thousand and Twenty between - Krishi Vigyan Kendra, Hans Roever Campus Valikandapuram, Perambalur - 621 115, TamilNadu represented by The Chairman herein after referred as **'ICAR- KRISHI VIGYAN KENDRA- PERAMBALUR'** (which expression shall, where the context so admits, mean and include its successors, representatives and permitted assigns),

**AND**

M.1.2 INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH, a premier Research and Development organization of Department of Atomic Energy having its registered office at Kalpakkam – 603 102, Tamil Nadu, represented by its Director, herein after referred as **'IGCAR'** (which expression shall, where the context so admits, mean and include its successors, representatives and permitted assigns)

### M.2 PREAMBLE:

M.2.1 Whereas the Hans Roever Krishi Vigyan Kendra (HRKVK) is sanctioned and funded by Indian Council of Agricultural Research (), Govt. of India, New Delhi and managed by St. John Sangam Trust, Perambalur. Established in April 2002, situated at Valikandapuram which is located at 9 kms away from Perambalur on the Trichy – Chennai National Highways (NH- 45), HRKVK caters to the needs of the farming community of Perambalur district and disseminates the latest technologies in agriculture, horticulture, veterinary, rural industries, women and child welfare, cooperation and allied fields aiming to uplift the socio - economic conditions of the rural peasants.

M.2.2 Whereas IGCAR is an Atomic Research Centre established under the Department of Atomic Energy, India in 1975 carrying out research and development activities related to Fast breeder reactor technology, material development and characterization, Non-destructive testing and basic sciences and encourages societal application of these technologies through interaction with various universities and R&D organizations

M.2.4 Whereas both ICAR- KRISHI VIGYAN KENDRA, PERAMBALUR and IGCAR are convinced about the mutual benefit of forging formal linkage to

  
**CHAIRMAN**  
ICAR-KRISHI VIGYAN KENDRA  
Hans Roever Campus  
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develop new collaborative teaching and research programs in the areas of irradiation technologies applicable in the field of agricultural, horticulture, agricultural product preservation and allied areas as agreed by the IGCAR and ICAR-KVK, PERAMBALUR. Now, therefore, in consideration of the premises and mutual covenants hereinafter contained, the parties hereto agree as follows:

### **M.3 SCOPE OF WORK AND RESPONSIBILITIES:**

M.3.1 The two organizations after considering their objectives and strengths have agreed to have an understanding for collaboration in the following areas of interest:

- ❖ Joint research and development projects in the following areas:
  - Focus on Irradiation of seeds for shelf life extension of the seeds during the storing process
  - Also to work on germination in order to promote disease free plants
  - Irradiation related studies in respect of Field crop / Vegetable crop / Horticultural crops
  - Allied Areas such as food science and nutrition and Animal science
  - Work on plant stress assessment using thermal imaging techniques
  - Soil irradiation and its impact on plant growth characteristics.
- ❖ Organization and participation in joint Symposia/Conferences/ Workshops and short-term courses conducted by both organizations.
- ❖ Graduate, postgraduate and doctoral research project work and training with joint supervisorships.
- ❖ Exchange of guest lecturers.
- ❖ Extending access to library and knowledge-sharing facilities mutually for both students and faculty in both organizations.
- ❖ Collaborative research proposals for extra-mural funding from national and international agencies.

M.3.2 Specific terms, conditions and procedural aspects of collaboration including financial obligations of either party shall be finalized on mutual discussion in respect of each specific project under this MoU separately.

M.3.3 A four member Steering Committee shall be constituted with two members each nominated by ICAR- KRISHI VIGYAN KENDRA,



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PERAMBALUR and IGCAR to identify and co-ordinate the specific areas/activities under this MoU and finalize the terms and conditions thereof.

#### **M.4 CONFIDENTIALITY AND IPR-PROTECTION**

M.4.1 Both parties hereunder agree that any information disclosed by one party to the other shall be maintained as proprietary confidential information and will be disclosed only to the authorities as required in the relevant statutory regulations and to those persons in the recipient party's organization that has a need to know for the purposes authorized by the relevant agreement. All such proprietary confidential information will be kept in confidence and the party receiving the confidential information will be kept in confidence and the party receiving the confidential information agrees to prevent the disclosure to any other person or persons outside the organization or any other unauthorized persons except to the organization authorized by either of the parties hereunder on need to know the basis for the execution of the work.

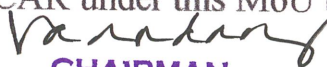
The obligations that are created under this MoU on either party as well as through subsequent relevant agreements on either party shall be duly discharged during the term of the MoU and agreement and after their expiry/termination.

M.4.2 Both parties shall not file any application for seeking intellectual property rights (IPR) in its own name or in the name of its associates or any other person(s) on any matter relating to the information disclosed to each other under this MoU. However, they can seek intellectual property rights on joint name of the parties as mutually agreed on case to case basis.

M.4.3 Intellectual property generated during the activities under the MoU shall be shared jointly. The extent of ownership shall be decided mutually depending upon the relative intellectual input made by the parties. The expenditure incurred and to be incurred for the maintenance of IPR shall be borne by each party equally or in proportion to the extent of ownership as may be decided by the Steering Committee.

#### **M.5 PUBLICATION**

M.5.1 Publications if any, in respect of the activity under this MoU shall be in the name of involved personnel from both the parties. In all publications (papers, Reports etc.,) it will be duly acknowledged that the work has been carried out by ICAR- KRISHI VIGYAN KENDRA, PERAMBALUR and IGCAR under this MoU between the parties.

  
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## **M.6 DURATION**

M.6.1 This memorandum of understanding shall be valid for a period of three years from the date of signing of the same, and thereafter can be renewed for further period subject to such other terms and conditions as may be mutually agreed upon.

## **M.7 TERMINATION**

M.7.1 Notwithstanding the clause 6, this MoU may be terminated by either party by giving three months notice in writing to other party. Either of the parties shall honour within the mutually agreed period, the outstanding commitments, if any, as on the date of termination.

## **M.8 NOTICES**

M.8.1 all notices and other communications required to be served on ICAR-KRISHI VIGYAN KENDRA, PERAMBALUR under the terms and this MoU, shall be considered to be duly served, if the same is delivered at or posted by registered mail to ICAR- KRISHI VIGYAN KENDRA at this office in Valikandapuram, Perambalur, Tamil Nadu -621115. Similarly, any notice to be given to IGCAR shall be considered as duly served, if delivered at or posted by registered mail to the IGCAR at its registered office in Kalpakkam – 603 102.

## **M.9 ARBITRATION**

M.9.1 In the event of any dispute or difference between the parties hereto, such dispute or differences shall be resolved amicably by mutual consultation. Where it could not be resolved so, then it shall be referred to arbitration of two Arbitrators, one to be appointed by each party to the dispute and in case of differences of opinion between the said two arbitrators, then by an umpire appointed by the said two Arbitrators. The decision of the said Arbitrators or Umpire as the case may be shall be final and binding on both parties. The venue or arbitration shall be at such place as may be fixed by the Arbitrators or Umpire and the arbitration proceeding shall be as provided under the Arbitration and Conciliation Act, 1996.

## **M.10 JURISDICTION**

M.10.1 All legal disputes shall be subjected to the jurisdiction of the courts in Chennai, State of Tamil Nadu only.

  
**CHAIRMAN**  
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Hans Roever Campus  
Valikandapuram-621 115  
Perambalur District, Tamil Nadu

## M.11 MODIFICATION

M.11.1 No modification to this MoU shall be binding unless made in writing and signed by both parties.

## M.12 FORCE MAJEURE

M.12.1 Any of the parties hereto shall not be released from its obligations for any reason except for force majeure such as war, strike, fire, act of God or other causes beyond control of parties.

IN WITNESS WHEREOF, the parties hereto have signed the Memorandum of Understanding on 30<sup>th</sup> day of October two thousand and twenty.

For and behalf of

ICAR- KRISHI VIGYAN KENDRA

PERAMBALUR

Signature



Name

: K. VARADARAJAN

Designation :

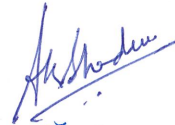
**CHAIRMAN**  
ICAR-KRISHI VIGYAN KENDRA  
Hans Roever Campus  
Valikandapuram-621 115  
Perambalur District, Tamilnadu

For and behalf of

Indira Gandhi Centre

for Atomic Research

Signature



Name

डॉ. अरुण कुमार भादुड़ी  
Dr. ARUN KUMAR BHADURI  
निदेशक / Director

Designation

इंदिरा गांधी परमाणु अनुसंधान केंद्र  
Gandhi Centre for Atomic Research  
कल्पाक्कम / Kalpakkam - 603 102.

Witnesses (Name & Address)

1.



Dr. V. G. NETHAJI

SENIOR SCIENTIST AND HEAD

ICAR - Krishi Vigyan Kendra

2.

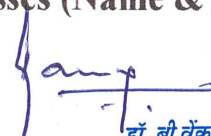
Hans Roever Campus  
Valikandapuram - 621 115  
Perambalur Dt. Tamil Nadu.



Lab Technician  
Hans Roever Krishi Vigyan Kendra  
Valikandapuram, Perambalur-621115.

Witnesses (Name & Address)

1.



डॉ. बी. वेंकटरामन/Dr. B. VENKATRAMAN  
निदेशक/Director

संरक्षा, गुणवत्ता एवं संसाधन प्रबंधन समूह

Safety, Quality & Resource Management Group

2.

इगांपअके, पऊवि, कल्पाक्कम 603 102  
IGCAR, DAE, Kalpakkam 603 102.



डॉ. वी. सुब्रमणियन/Dr. V. SUBRAMANIAN  
प्रधान, विकिरण अनुप्रयोग एवं निगरानी अनुभाग  
Head, Radiation Application & Monitoring Section  
विकिरण एवं पर्यावरणीय सुरक्षा प्रभाग  
Radiological & Environmental Safety Division  
आरईएसडी, एएसईडी, इगाअपके, पऊवि, कल्पाक्कम  
RESG, HSEG, IGCAR, DAE, Kalpakkam - 603 102.