



കേരളം കേരल KERALA

CW 663786

### Memorandum of Understanding

Memorandum of understanding signed on the 20<sup>th</sup>..... day of April 2021 between Principal, Sree Sankara College, Kalady (herein after called as "Sponsoring Organization") and the Kerala Agricultural University, Thrissur (herein after called as "the KAU") for carrying out short term project works of post graduate students (herein after called as "Candidate") at Aromatic & Medicinal Plants Research Station, Odakkali (herein after called "the station/ college") under KAU.

Where as both the above parties mutually agree upon the following terms and conditions to carry out short term Post Graduate research project at the Aromatic & Medicinal Plants Research Station, Odakkali (Name of College/Station).

The external candidates are permitted to conduct their project works at KAU Research Stations and Colleges on payment basis subject to the terms and conditions mentioned below:

No: 46994 RS.100/-  
29.3.2021  
നരസിംഹ ടി. ഞമ്പ  
കുമാരി - നരസിംഹ (H)

*(Handwritten signature and scribbles)*

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100



ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

കേരളം കേരल KERALA

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1. Application of the external candidate duly recommended by the Head of Institution should be sent to the college/ research station under KAU.
2. The admissibility of the project work will be decided by the Head of Institution in consultation with the Head of the Department or the scientist concerned.
3. The rate of fee may be fixed on the basis of duration. For a period upto one month the amount of fee will be Rs.5500/-, and an additional fee @ of Rs.4500/- month will be charged for every additional month or part there of. The amount shall be paid as Cash/ DD drawn in favour of (Head of Station), payable at the concerned Bank Branch.
4. Service Tax has to be charged from the students @ 18% (or as applicable) of the total fee for remittance at Central Excise Department.
5. The rate fixed is only for the facilities available at KAU. Expenses on additional requirements including chemicals required for the conduct of research work are to be met by the candidate or by the sponsoring organization.

No: 46995 Rs.100/-

29.3.2021

നോമ്പിൻ ടി. ജെ. എസ്  
അസിസ്റ്റന്റ് പ്രൊഫസർ (H)

6. The boarding and lodging charges should be met by the candidate from his own source. The available accommodation facilities of the KAU can be provided to the candidates at a rate similar to that of KAU candidates or at the rate fixed by the University from time to time.
7. An undertaking in the prescribed proforma shall be given by the candidate duly countersigned by the concerned guide/ head of the department/ head of the sponsoring organization.
8. Head of the College/ Station where the training/ project work is undertaken shall have the freedom to assign the work/ supervision of the candidate to a qualified teacher/ scientist (supervisor) who will be designated as the advisor.
9. The College/ Station and supervisors of work in KAU will have joint right on the research finding or patent, if any, and the same are to be properly acknowledged with due authorship in the publication/ presentation/ patenting and report of the project work.
10. That in the event if any dispute or difference between the parties or in connection with the interpretation of the terms and condition above, such disputes or differences shall be referred to the sole arbitration of a person nominated by the Registrar, Kerala Agricultural University, subject to the provisions of the law of arbitration applicable.
11. The venue of Arbitration shall be at Thrissur.
12. The Kerala High Court and courts subordinate to it at Thrissur shall have exclusive jurisdiction in all matters, including any matter arising out of the arbitration proceedings or any Award made therein.

Signed on <sup>-th</sup> 20 day of April By Dr. SURESH A. on the part of the sponsoring organization and Dr. Aneez Joseph Head of the Station/ College, (Kerala Agricultural University) on the part of the KAU.

Signature, Name, designation & Address of

1.

Dr SURESH A.  
PRINCIPAL  
SREE SANKARA COLLEGE  
KALADY - 683 574



(Sponsoring Organization)

Head of College/Station for (KAU)

Witness

Witness

1.

Anju S. Kurian

2.

SIVAPRABHA T.S.

1.

Dr. Ghankamany K.

Asst. Prof (SS&AC)

AMPAS, Odakkali

2.

M.D. Preziama  
Administrative Asst  
AMPAS Odakkali



# KERALA AGRICULTURAL UNIVERSITY

## DIRECTORATE OF EXTENSION CENTRAL TRAINING INSTITUTE

Mannuthy, Thrissur 680 651  
Kerala, India

64727

# Certificate


*This is to certify that*  
**ASHLEY CLARA SIBI**

*has satisfactorily completed the*  
Hands on Training on Techniques in Molecular Biology & Tissue culture for Undertaking a Mini project in Biotechnology

*conducted at*  
Centre for Plant Biotechnology & Molecular Biology  
Kerala Agricultural University, Thrissur, Kerala

*from*

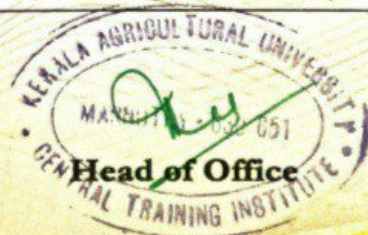
15/12/2021 to 14/01/2022

  
**Course Director**


**Dr. KIRANA. G.**

Assistant Professor (Biotechnology)  
for Plant Biotechnology and Molecular Biology  
College of Agriculture

Kerala Agricultural University  
Vellanikkara, Thrissur, Kerala-680656



**Head of Office**

  
**Director of Extension**



## CERTIFICATE

This is to certify that the project entitled 'Biochemical and morphological characterization of fruits of selected mango (*Mangifera indica* L.) varieties' is a bonafide record of the work done by Ms. Harsha Sreeraj (Reg. No. 190011008309) of Sree Sankara College, Kalady, in partial fulfillment of the requirements for the award of the Degree of Master in Biochemistry during the period from July 1 to August 1, 2021, at Dept. of Plant Breeding and Genetics, College of Agriculture, Kerala Agricultural University, Vellanikkara.

Major Advisor  
Dr. Deepthy Antony P  
Assistant Professor

Head of the Department  
Dr. Jiji Joseph  
Professor



**KERALA AGRICULTURAL UNIVERSITY**  
**AROMATIC AND MEDICINAL PLANTS RESEARCH STATION**

Odakkali, Asamannoor P.O., Ernakulam District, Kerala, India, PIN-683 549

Tel. (0484) 2658221; E-mail: amprs@kau.in; Website: http://amprs.kau.in

**Dr. Thankamony K**  
**Asst. Professor (Soil Science &**  
**Agricultural Chemistry) Ph.D**

**August 18, 2021**

**CERTIFICATE**

This is to certify that Ms. ANJU C RAJU, [Reg No: 190011008300] 2<sup>nd</sup> year student of M.Sc. Biochemistry, Sree Sankara College, Kalady has successfully completed her project on “COMPARATIVE EVALUATION OF CURCUMIN CONTENT AND THIN LAYER CHROMATOGRAPHIC PROFILES OF TURMERIC (*Curcuma longa* L.) and YELLOW ZEDOARY (*Curcuma zedoaria* Rosc.)” under the guidance of Dr. Thankamony K, Asst. Professor (Soil Science & Agricultural Chemistry), Aromatic and Medicinal Plants Research Station (A.M.P.R.S), Odakkali during the period from April 2021 to June 2021.


During the above period, she has gained experience in Microwave assisted extraction and analysis of different phytochemical constituents, UV- Visible Spectrophotometer and Thin Layer Chromatography.

She was very punctual and has carried out her lab training related activities very efficiently.

Her character and conduct were good during the training period.

**I WISH HER ALL SUCCESS.**



  
Dr. Thankamony K.  
Assistant Professor (SS&AC)  
AMPRS, Odakkali



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Tel. (0484) 2658221; E-mail: amprs@kau.in; Website: http://amprs.kau.in

**Dr. Thankamony K**  
**Asst. Professor (Soil Science &**  
**Agricultural Chemistry)**

August 18, 2021

**CERTIFICATE**

This is to certify that Ms. ANUPAMA SAJEEV, [Reg No: 190011008302] 2<sup>nd</sup> year student of M.Sc. Biochemistry, Sree Sankara College, Kalady has successfully completed her project on "COMPARATIVE PHYTOCHEMICAL ANALYSIS AND THIN LAYER CHROMATOGRAPHIC PROFILES OF SELECTED ZINGIBERLES *Alpinia galanga* (L.), *Alpinia calcarata* Roscoe., *Curcuma caesia* Roxb." under the guidance of Dr. Thankamony K, Asst. Professor (Soil Science & Agricultural Chemistry), Aromatic and Medicinal Plants Research Station (AMPRS), Odakkali during the period from April 2021 to June 2021.

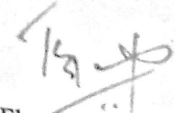
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**Dr. Thankamony K**  
**DR. THANKAMONY.K**  
**Assistant Professor (SS& AC)**  
**AMPRS, Odakkali**



## CERTIFICATE

I hereby certify that the dissertation entitled 'Effect of chemical seed treatment on heat tolerance traits in Rice (*Oryza sativa* L.)' is the outcome of a bonafide work carried out in partial fulfilment for the Degree of Master of Science in Biochemistry by Ms. AMRUTHA K ARAVINDAN (Reg. No: 190011008297) of Sree Sankara College, Kalady, during the period from 17.04.2021 to 22.07.2021 under my direct guidance and supervision to my full satisfaction and that any part of the dissertation has not been submitted for any other degree.



**Dr. P. SINDHUMOLE**  
Assistant Professor  
Dept. of Plant Breeding & Genetics  
College of Agriculture  
Vellanikkara  
Kerala Agricultural University

Place: Vellanikkara

Date: 18.08.2021

## CERTIFICATE

I hereby certify that this dissertation entitled "Estimation of Magnesium and Zinc content in chilli (*Capsicum* spp.) leaf" is the outcome of a bonafide work carried out in partial fulfillment for the degree of Master of Science in Biochemistry by Ms Akhila Lakshmi under my direct guidance and supervision to my full satisfaction and that any part of the dissertation has not been submitted for any other degree.



**Dr. ASISH I. EDAKKALATHUR**  
Assistant Professor  
Department of Plant Breeding and Genetics  
College of Agriculture  
Kerala Agricultural University, Thrissur

**DR. ASISH I. EDAKKALATHUR**  
ASST. PROFESSOR  
DEPT OF PLANT BREEDING & GENETICS  
COLLEGE OF HORTICULTURE  
KERALA AGRICULTURAL UNIVERSITY  
KAU P.O., THRISSUR - 680 668

Place: Vellanikkara

Date: 18/11/2021



**KERALA AGRICULTURAL UNIVERSITY**  
**AROMATIC AND MEDICINAL PLANTS RESEARCH STATION**

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**Dr. Thankamony K**  
**Asst. Professor (Soil Science &**  
**Agricultural Chemistry) Ph.D**

**August 18, 2021**

**CERTIFICATE**

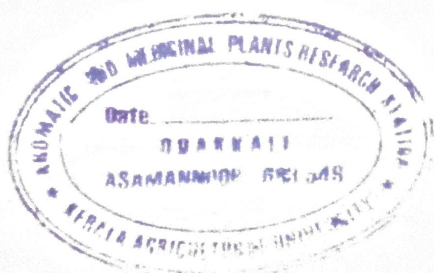
This is to certify that Ms. ANITHA T.S, [Reg No: 190011008298] 2<sup>nd</sup> year student of M.Sc. Biochemistry, Sree Sankara College, Kalady has successfully completed her project on "PHYTOCHEMICAL ANALYSIS AND THIN LAYER CHROMATOGRAPHIC PROFILING OF *Bacopa monnieri* (Linn.), *Boerhavia diffusa* L. and *Acorus calamus* Linn." under the guidance of Dr. Thankamony K, Asst. Professor (Soil Science & Agricultural Chemistry), Aromatic and Medicinal Plants Research Station (A.M.P.R.S), Odakkali during the period from April 2021 to June 2021.

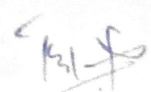
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Dr. Thankamony K

**Dr. THANKAMONY.K**  
**Assistant Professor (SS& AC)**  
**AMPRS, Odakkali**