

Union Christian College, Aluva
MoU with Kallen Pokkudan Mangrove Tree Trust



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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (here in after called as the 'MOU') is entered into on this the 8th day of May Two Thousand and Twenty-Three (08/05/2023) by and between

Union Christian College, Aluva, the first party represented here in by its Principal (here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include it successors-in-office, administrators and assigns) on the first part.

AND

Kallen Pokkudan Mangrove Tree Trust, Reg No: 140/13/IV, Meenakshi, Muttukandi, Payangadi (PO) Kannur, Kerala, INDIA, 670303, represented by Secretary, Kallen Pokkudan Mangrove Tree Trust (here in after referred to as "second party", the institution which expression, unless excluded by or repugnant to the subject or context shall include it successors-in-office, administrators and assigns) on the second part.

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Principal Union Christian College
Aluva. D.A.

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(First Party and Second Party are here in after jointly referred to as 'Parties' and individually as 'Party')
as

WHEREAS :

- A) First Party is a Higher Educational Institution named UNION CHRISTIAN COLLEGE, ALUVA.
- B) Kallen Pokkudan Mangrove Tree Trust, the Second Party here in is engaged in providing helps to protect, preserve and plant mangroves under the initiative of the college through its Kandal Club and related helps.
- C) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

- 1.1 The Second Party will Provide necessary arrangements for the First Party to implement the previously mentioned activity in the First Parties institution as well as its related initiatives.

VALIDITY AND TERMINATION

- 2.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms.
- 2.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

IN WITNESSES WHEREOF, the parties have agreed to the terms mentioned above and have set their hands here unto on the eighth day of May, 2023.

For Union Christian College, Aluva



Authorized Signatory

For Kallen Pokkudan Mangrove Tree Trust


Sreajith pailhalen

Authorized Signatory



SECRETARY
KALLEN POKKUDAN
MANGROVE TREE TRUST
Reg No. 140/13/07
Meenakshi, Muzhakkal, PO Puzhakkal,
Kannur, Kerala, India - 570303

Union Christian College	Kallen Pokkudan Mangrove Tree Trust
Aluva	Reg No: 140/13/IV, Meenakshi, Muttukandi, Payangadi (PO) Kannur, Kerala, INDIA, 670303
Ph 0484 2609194	Ph 0497 2874346, Mob 9747346210
Uccollege@uccollege.edu.in	Kallenpökkudan@gmail.com
www.uccollege.edu.in	www.kallenpökkudan.com

Witness 1:

Hansen
Hans. C. Das
Asst Prof
Dept of History
UC College Aluva.

Witness 3:

Witness 2:

Witness 3:



Report of the MOU with Kallen Pokkudan Mangrove Tree Trust and Kandal Club, Union Christian College, Aluva

Activity:

Kandal Club UCC was started with an initiative for ecosystem restoration and mangrove conservation. The club focuses on raising awareness among college students about the importance of mangroves, their ecological significance, and the threats they face. The club plan to organize field visits, seminars, and educational campaigns to inform students about the role of mangroves in climate change mitigation, biodiversity conservation, and coastal protection.

UC College entered a Memorandum of Understanding (MoU) with the Kallen Pokkudan Mangrove Tee Trust, to establish a partnership for the creation and management of a Mangrove Club on 08/05/2023. The MOU solidifies their commitment to environmental conservation and sustainable practices, particularly in the preservation of mangrove ecosystems. By joining forces, Union Christian College and the Kallen Trust aim to raise awareness about the importance of mangroves, organize educational initiatives, and implement conservation projects to safeguard these unique habitats for future generations.

Event: “Oru Kalalayam Kandal Nattu Thudangunnu” (Meaning: A campus starting to plant Mangroves via Mangrove seed collection and nursery development)

Date: 12th May 2023

Location: T B Ninan Hall, UC College, Aluva

Mangrove forests are vital coastal ecosystems that provide numerous ecological benefits. To actively engage college students in mangrove conservation, a seed collection activity and nursery development initiative was undertaken at Union Christian College Aluva by the Kandal Club UCC. This initiative aimed to raise awareness about mangroves, promote hands-on involvement, and contribute to the restoration of degraded mangrove habitats.

Prior to the seed collection activity, a planning phase was conducted involving faculty members, environmental experts, and student volunteers. Guidelines and protocols for seed collection were established, ensuring ethical and sustainable practices.

Student volunteers embarked on field excursions to nearby mangrove areas, guided by faculty members Mr. Hanu G Das and Ms. Femi Anna Thomas along with experienced mentor Mr. Anandan Pokkuden and a Research Scholar from CUSAT, Ms. Ardra Appukuttan. These excursions allowed participants to observe and learn about various mangrove species, their adaptations, and their ecological significance. During the excursions, students actively collected mature and healthy mangrove seeds while adhering to ethical collection practices that ensure minimal impact on the natural environment. Seeds were collected from the Mangrove species *Avicennia marina*, and *Rhizophora mucronata*, and plant saplings of *Acanthus ilicifolius*, a mangrove associate was also collected.



After the collection, students gathered to process the collected seeds. This involved cleaning, sorting, and categorizing the seeds based on species and viability. Seeds were carefully examined, discarding any damaged or immature ones to ensure the best chances of successful germination. The seeds were further transferred to grow bags with mud and compost to ensure the germination.

The Nursery Development activities are in progress wherein a dedicated space within the college campus will be allocated for the establishment of a mangrove nursery. The area will be prepared with appropriate soil, containers, and irrigation facilities to provide optimal growing conditions.

Students will be actively involved in setting up the nursery infrastructure, including constructing shade structures, arranging seedbeds and bamboo pots, and organizing labeling systems for different mangrove species. The processed seeds will be sown in suitable bamboo containers or seedbeds within the nursery. Adequate watering, monitoring of temperature and humidity, and protection from pests and diseases will be ensured to facilitate successful germination and healthy growth.

The nursery served as a learning hub, providing opportunities for students to observe and understand the growth stages of mangroves firsthand.

Workshops, lectures, and interactive sessions will be conducted to educate students about the ecological importance of mangroves, the challenges they face, and the role of nurseries in restoration efforts. Further, the college will actively engage with local communities, inviting them to visit the nursery and learn about mangroves. Awareness campaigns will be organized, emphasizing the significance of mangroves for the community's well-being and encouraging their involvement in conservation initiatives.

Field Trip Photos



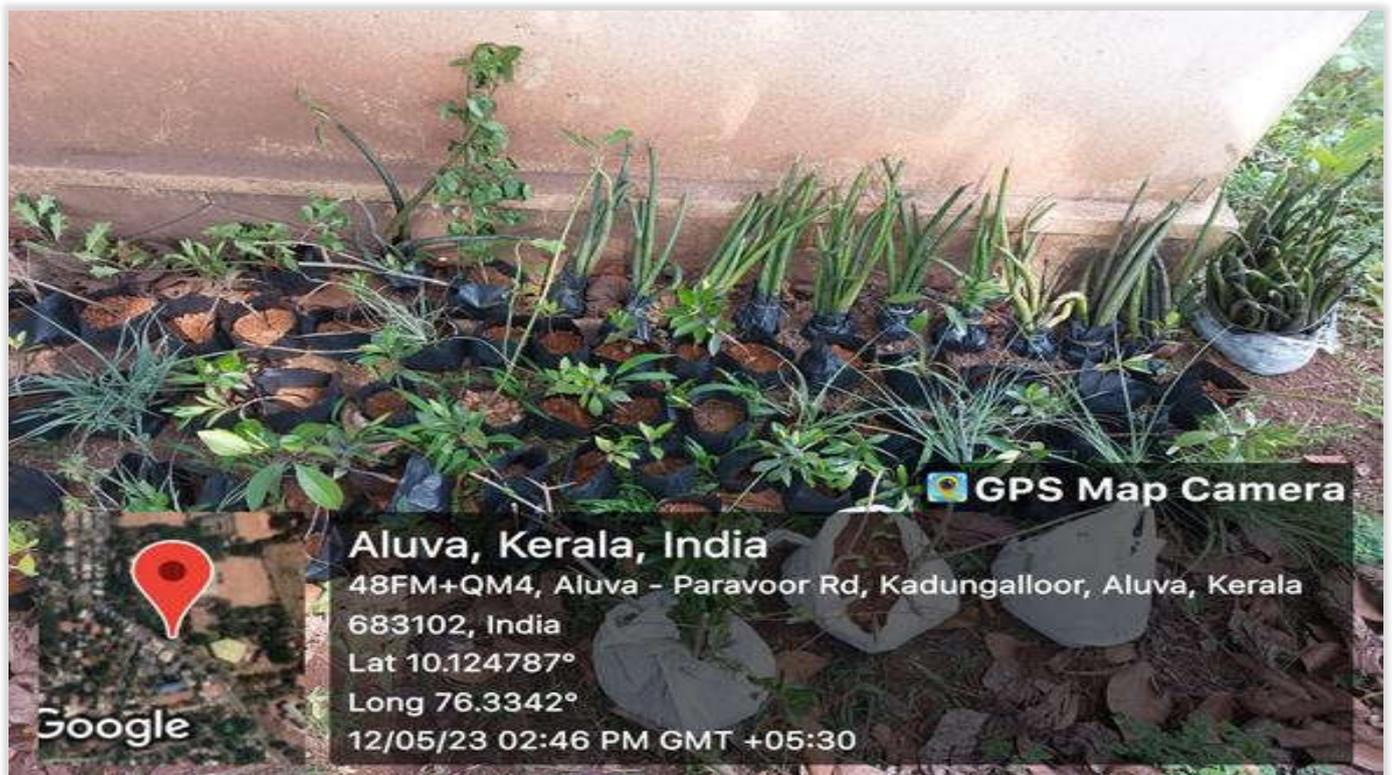


Mangrove seedlings transferred to Grow Bags





Mangrove seedlings transferring to growbags carried out along with the help of NCC cadets





A Mangrove Seedling Handed Over to Major K.S. Narayanan Sir, NCC Officer (SD Boys), UC College





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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

MATHLAB RESEARCH Pvt. Ltd.

AND

**DEPARTMENT OF MATHEMATICS,
UNION CHRISTIAN COLLEGE, ALUVA**

This Memorandum of Understanding (MOU) is a service agreement, to provide the technical assistance to the department through online mode for conducting Add-on courses for the ongoing students for acquiring necessary soft-skills; entered between **MATHLAB RESEARCH Pvt. Ltd.** (hereafter referred to as **MathLab Research**), having its Registered Office at 1st floor, Anjikkath Tower, Koonamthai (P O), Edappally, Cochin-682 024, and the **DEPARTMENT OF MATHEMATICS, UNION CHRISTIAN COLLEGE, ALUVA**, (hereafter referred to as **Department of Mathematics**).

No. 037254 Rs. 100/-

Principal Union Christian

R. Beena, Stamp Vendor, Perumbavoor


Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva





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To this end the parties operating under this MOU agree as follows: -

- A. **MathLab Research** is a company, doing research, product development and provides industrial exposures to mathematics aspirants through industrial projects, trainings and Add-on courses.
- B. **Department of Mathematics**, Union Christian College ranks as one among the best in Mahatma Gandhi University. Started in 1925, it was upgraded to a postgraduate Department on 1965 and a Research Department in 1999.

The parties intend to enter into an MOU to provide the technical assistance to the Department of Mathematics through online mode for conducting Add-on courses for the ongoing students for acquiring necessary soft-skills for the students of **DEPARTMENT OF MATHEMATICS, UNION CHRISTIAN COLLEGE, ALUVA** with **MathLab Research** as their learning partner.

- C. **TRAINING/TECHNICAL SUPPORT:** MathLab Research will provide training content and technical support to the department to enhance the soft skills of the ongoing students. The details of the contents/technical support are included in Annexure 1.

For MathLab Research Pvt. Ltd.
Arun
Authorized Signatory

Dr. M. I. Puzhose
Principal in Charge
U. C. College Aluva
7 JAN 2023

No. 037255 Rs. 100/-

Principal Union Christian College

V.R. Beena, Stamp Vendor, Perumbavoor



D. RESPONSIBILITIES–MathLab Research: -

- **MathLab Research** will provide the content of the training of Add-on courses through MathLab Research's official website and that includes recorded videos of theory and problems, pdf materials, tutorials and tests.
- Proper documentation of all add-on courses that includes schedule of classes, detailed syllabi of the Add-On courses, certificates of Add-On courses, attendance log, results of tests and internal/final evaluation marks, will be submitted to **Department of Mathematics**.

E. RESPONSIBILITIES – Department of Mathematics,

- **Department of Mathematics** on its part will be responsible to conduct the Add-on/Certificate courses for the students in the department of mathematics with the aid of MathLab Research's content/technical support.
- **Department of Mathematics** shall provide the lab facilities for the practical sessions of Add-on courses.
- **Department of Mathematics** makes sure that at least one program will be conducted every semester during the validity period of this MoU.

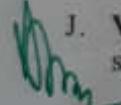
F. FEE: The fee for the technical support and assistance of various courses is attached in **Annexure-2**.

G. PAYMENT: The fee is to be paid by **Department of Mathematics** directly to **MathLab Research** with intimation to the authorities concerned of **Department of Mathematics** before the commencement of each program. **MathLab Research** will formally produce an invoice for the same to initiate the payment.

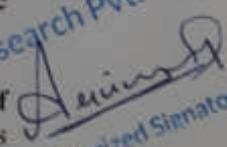
H. CONDUCTING OF THE CLASSES: **Department of Mathematics** shall announce and conduct the classes for the students in each semester according to their convenience. The classes shall be offline or online. **Department of Mathematics** shall provide the required facility (online/practical) for the registered students. The online classes for each program shall be conducted through **MathLab Research's** Website. The students will have the option to watch the video sessions multiple times at their own convenience and they can avail online technical assistance through MathLab Research's website.

I. EXCLUSIVE SESSIONS: The sessions of each batch of **Department of Mathematics** are exclusively for the registered batch. Non-registered students will not have the access to the online support. Each program is designed for one class of students. Students from various departments or different year shall not be permitted to be grouped.

J. VALIDITY AND RENEWAL POLICY: The validity of this MoU shall be for a period of 3 years starting from 08/02/2023. The MoU will


Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva




Authorized Signatory

automatically renew for the next three years if one of the parties has not terminated the contract or the party does not wish to terminate the contract.

K. **TERMINATION:** This MoU may be terminated by either party by notice in writing from the party not at fault if the other party is in breach of this MoU and fails to remedy the breach within thirty (30) days from receipt of notice in writing from the first party specifying the breach.

L. **CONFIDENTIALITY OF INFORMATION:** The parties herewith undertake to treat confidentially all information that they obtain directly or indirectly from each other within the framework of the student mobilization and training engagement. Confidential treatment means that the information obtained may not be made available to a third party and that the information may not be used for the parties' economic purposes or for the purposes of a third party. The parties undertake to use the information obtained solely for the purpose stipulated in this MoU. Any use going beyond that purpose or the conveying of information to a third party requires the written consent of both parties.

M. **FORCE MAJEURE:** Non-performance of either party (except for payment obligations) shall be excused to the extent that performance is rendered impossible by pandemics, strike, fire, flood, war, terrorism, act of God, government acts or orders or restrictions, failure of suppliers, or any other reason where failure to perform is beyond the control and not caused by the negligence of the non-performing party.

N. **NON-COMPETE and NON- POACH:** **MathLab Research and Department of Mathematics** and its employees should not propose any potential project directly with the client(s)/ students for whom work is undertaken as part of this MoU without the formal and written consent of the other party.

O. **LANGUAGE:** The parties hereto are satisfied that this MoU and all related documents be drawn for training purposes or any other purposes in the English language.

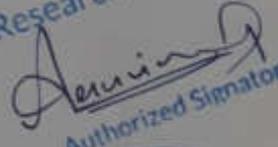
P. **ALTERATION:** Alterations and supplements to this MoU must be made in writing to hold validity. Neither of the parties shall do any act which is unethical, immoral or against any prevailing or future Law of India.

Q. In the event of any dispute, the Courts in Ernakulam shall have jurisdiction.


Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva

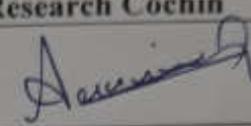


For MathLab Research Pvt. Ltd.


Authorized Signatory

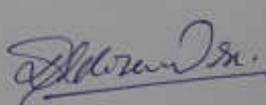


DECLARATION: IN WITNESS WHEREOF, THE UNDERSIGNED PARTIES, BY THEIR DULY AUTHORIZED REPRESENTATIVES BELOW, HAVE EXECUTED AND ENTERED INTO THIS MOU AS EFFECTIVE OF THE DATE OF SIGNATURE.

Department of Mathematics		MathLab Research Cochin	
SIGNATURE		SIGNATURE	
NAME	Dr. M. I. Punnoose Principal in Charge U. C. College Aluva	NAME	ARAVIND KRISHNAN - R
TITLE		TITLE	Operations Manager
DATE	08/02/2023	DATE	08/02/2023

Seal

Witness 1 Ajithkumar. P.C.  - 08/02/2023

Witness 2 Eldo Varghese 





Department of Mathematics

MoU with Mathlab Research Pvt. Ltd.

Report

The MoU was signed on 08.02.2023 between the Department of Mathematics, Union Christian College, Aluva and Mathlab research Pvt. Ltd. to provide technical assistance to the Department for conducting Add-on courses for the students for acquiring soft skills. Objectives is to provide training and technical support to the Department. Mathlab will provide training content and technical support to the Department to enhance the soft skills of the ongoing students.

Activity

Started an Add-on course for first year and second year UG students.

**UNION CHRISTIAN COLLEGE
ALUVA**

PG & Research Department of Mathematics

Commencement of
Online Add-On Courses
for BSc Mathematics Students

Online Classes Practical Sessions Real life Problem Solving

In Association with

M MATH LAB
Cochin
A Clan Seeking the Unknown Horizons of Mathematics

08/02/2023

Mr. Kurian C Soman
Course Co-Ordinator

Dr. Anu Nuthan Joshua
Head of the Department

Dr. M I Punnoose
Principal



Union Christian College, Aluva

Department of Mathematics

Notice

The Department of Mathematics shall start online Value added courses on

1. Mathematical Typesetting Using LaTeX
2. Basics of Statistics Using Microsoft Excel.

in association with Math Lab, Cochin

It shall be a 30 hours course including Online/Offline classes and Practical sessions. Students from the Department are requested to enrol themselves for the courses and participate actively to make it a grand success.

Registration forms are available from the Department.



Anu Nathan Joshua

Dr. Anu Nathan Joshua
Head of the Department

HEAD OF DEPARTMENT OF MATHEMATICS
UNION CHRISTIAN COLLEGE
ALUVA - 683 102

Outcome of the activity

The students are developing their skills on using MS Excel, LateX, geogebra software, R programming etc.



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Memorandum of Understanding

This Memorandum of Understanding is signed between Kerala Mathematical Association, Ernakulam represented by its Academic Secretary and the Principal, Union Christian College.

WHEREAS Union Christian College, Aluva hereinafter referred to as Union Christian College (affiliated to Mahatma Gandhi University, Kottayam) is a College offering UG, PG and research programmes catering to the higher educational needs of this region.

WHEREAS Kerala Mathematical Association hereinafter referred to as KMA is an organization to serve the mathematical community comprising students, teachers and researchers inside Kerala and outside.

WHEREAS Department of Mathematics of Union Christian College and KMA are desirous of collaborating with each other in the area of mutual interest.

NOW THEREFORE both Union Christian College and KMA enter into this Memorandum of Understanding (MoU) on 14 February 2023, with more specific terms of reference explained in the succeeding paragraphs.

Dr. Sunny Kurian
Academic Secretary KMA



No. 037256 Rs. 100/- 11/1/23

Principal Union Christian College

V.R. Beena, Stamp Vendor, Perumbayoor Aluva



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GENERAL OBJECTIVES AND SCOPE OF WORK

The following are the general objectives proposed under this Memorandum of Understanding.

1. To conduct faculty development programmes by KMA
2. To initiate and to carry on collaborative research projects
3. To publish research articles in the journals published by KMA
4. To conduct seminars/workshops on emerging areas
5. To suggest changes in the syllabus content of courses offered

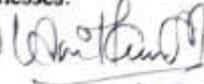
GENERAL TERMS AND CONDITIONS

The following general terms and conditions of this MoU are applicable to both Union Christian College and KMA.

1. The undertaking of each programme of activity will be subject to mutual acceptance.
2. The division of work and responsibilities as detailed in the MoU are clearly understood and agreed to by both the institutions.
3. The validity of this MoU is for a period of 3 years from the date of its signing.

Principal
Union Christian College

Witnesses:

1.  Dr. M. Anil Kumar
2.  Eldo Varghese


Academic Secretary
Kerala Mathematical Association



NO. 027257 / 1001 / 11/1/23

Principal Union Christian College
V.R. Beena, Stamp Vendor, Perumbavoor Aluva.



Department of Mathematics

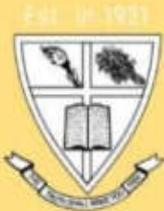
MoU with Kerala Mathematical Association

Report

The MoU was signed on 14 February 2023 to conduct faculty development programmes, to carry on collaborative research projects, to publish research articles in the journals published by KMA and to conduct seminars and workshops. Objectives are to conduct faculty development programs, to carry on collaborative research projects to publish research articles in the journals published by KMA and to conduct seminars and workshops

Activity

Department conducted a National seminar on ‘Number Theory and Discrete Mathematics’ in association with KMA on 7th March 2023.

<p style="text-align: center;">ABOUT THE DEPARTMENT</p> <p><i>The Department of Mathematics, Union Christian College was started in 1923. It was upgraded into a Postgraduate Department in 1965. For the past hundred years, the Department is functioning as a center of quality education in Mathematics. Department regularly conducts seminars/workshops that enhance the mathematical abilities of students.</i></p> <p style="text-align: center;">INVITED SPEAKERS</p> <p>Dr. Satyavolu Srinivasa Rau Associate Professor The ICFAI Foundation For Higher Education</p> <p>Dr. K Pravas Assistant Professor Department Of Mathematics Maharajas College, Ernakulam</p> <p>Dr. Seethu Varghese Assistant Professor Department Of Mathematics Bharata Mata College, Thrikkakara</p>	<p style="text-align: center;">Sir/Madam,</p> <p><i>The Department of Mathematics, Union Christian College, Aluva organizes a National Seminar on ‘Number Theory & Discrete Mathematics’ on 7th March 2023 in association with Kerala Mathematical Association (KMA). We solicit the esteemed presence and active participation from your institution.</i></p> <p style="text-align: center;">DETAILS OF THE LECTURES</p> <p>Lecture 1 : Hardy - Ramanujan's Round Numbers Lecture 2 : Some Problems in Graph Theory Lecture 3 : From Seven Bridges To Power Domination</p> <p style="text-align: center;">With Warm Regards,</p> <p style="text-align: center;"><i>Dr. M.I Punnoose Principal</i></p> <p style="text-align: center;"><i>Dr. Anu Nuthan Joshua Head Of The Department</i></p> <p style="text-align: center;">For details contact: Mr. Kurian C. Soman Faculty Co-ordinator Ph. No : 99616 94351</p>	<div style="text-align: center;">  <p>National Seminar On Number Theory & Discrete Mathematics</p> <p><i>March 07, 2023</i></p> <p>Organised By Department of Mathematics, Union Christian College, Aluva</p> <p><i>In collaboration with</i> Kerala Mathematical Association</p> </div>
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Outcome of the Activity

The students enthusiastically interacted with the resource persons and they were able to understand recent developments in the branch of Discrete Mathematics. The session also helped in bringing up research interests in students.



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EA 136217

Memorandum of Understanding

between

Greater Cochin Development Authority (GCDA), Kadavanthra, Pin 682020

and

Union Christian College, Aluva

for the construction of Happiness Index for the GCDA

This agreement is executed on 20th day of month of April in the year 2023 by **GREATER COCHIN DEVELOPMENT AUTHORITY**, a body corporate constituted under the Town Planning Act (IV of 1108) as per GO(MS) 91/76/LA & SWD dated 23.01.1976 and reconstituted under the Kerala Town and Country Planning Act of 2016 (act 9 of 2016) and notified as per clause 51 of the ibid act by Government of Kerala wide Go(P) 47/ 2016 /LSGD dated 16/12/2016 and having its office at Kadavanthara in Kochi- 682020, Kerala ,India,(who for the purpose of this agreement are hereinafter individually referred to as Party of the First Part), represented by its Secretary **Sri K.M.Gopakumar** and referred to as the **"FIRST PARTY"** and the **Union Christian College (Department of Economics) ,Aluva** [Hereinafter referred to as the **"SECOND PARTY"**]



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PRINCIPAL
UCC COLLEGE
K. H. SHAJAHAN
STAMP VENDOR
ALUVA



The FIRST PARTY and The SECOND PARTY, having discussed fields of common research interests and allied activities between the two organizations, have decided to enter into collaboration for the construction of Happiness Index for the first party, promotion of research with regard to the various aspects of the construction of Happiness Indices, students' training and postgraduate research.

WHEREAS The FIRST PARTY being a Development Authority whose jurisdiction area includes the Kochi Corporation, 9 Municipalities and 21 Panchayaths with a total area of 632 Sq. Km and is vested with the following powers as per clause 56 of The Kerala Town and Country Planning Act, 2016.

- i. Preparation and implementation of land re-adjustment or land pooling or land banking schemes for the purpose of implementation of projects in the Development Authority area, in tune with the provisions of this Act;
- ii. Promoting planned development as envisaged in the Plans for the development authority area, through tools like Transfer of Development Rights, accommodation reservation etc.;
- iii. Set-up special function agencies, if required, and guide, direct and assist them on matters pertaining to their respective functions;
- iv. Co-ordination of implementation of Plans under this Act in the Development Authority area;
- v. Perform such other functions as are supplemental, incidental or consequential to items (i) to (iii) above or as may be directed by the Government, the District Planning Committee or the Metropolitan Planning Committee, as the case may be, from time to time.

ANDWHEREAS the "SECOND PARTY", Union Christian College, Aluva, affiliated to Mahatma Gandhi University, Kottayam, Kerala, is included under Section 2(f) and 12(B) of UGC Act 1956.

Article 1. Scope

- 1.1 The SECOND PARTY has consented to collaborate with the FIRST PARTY, for conducting survey related to Happiness Index Project. The students from the department of Economics will be involved in this programme.

- 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions.
- 1.3 An advisory committee shall be formed which included 2 nominees from both the parties which shall review the activities performed under the MoU
- 1.4 Research and library facilities available with the FIRST PARTY and The SECOND PARTY will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.

Article 2. Management

- 2.1 The FIRST PARTY and The SECOND PARTY will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.
- 2.2 The Advisory Committee will meet at least once in a year alternatively either at GCDA, Kadavanthra or in Union Christian College, Aluva (Second party) to review the activities. This meeting shall include presentation on the Happiness Survey, which should be open to the students, faculty as well as the academic community.

Article 3. Exchange of Information

- 3.1 The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged or arising under project descriptions entered into pursuant to this MoU.
- 3.2 The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes with prior written consents from the parties concerned.

Article 4. General Provisions

- 4.1 It is understood that the FIRST PARTY and the SECOND PARTY subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age,

caste or religion. Both the parties shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.

- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students or expertise from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the FIRST PARTY and the SECOND PARTY.
- 4.4 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.5 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.6 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

Article 5. Entry into effect, modification and termination

- 5.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three/five-year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least three months in advance from the effective date of termination.
- 5.2 All joint activities which are not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.

5.3 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/ executed, unless otherwise agreed to.

This MoU has been executed in two originals, one of which has been retained by the FIRST PARTY and the other by the SECOND PARTY.

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.



(Signature with seal)

FIRST PARTY

Shri K. M. Gopakumar

Secretary

GCDA, Kadavanthra

Kochi -682020



(Signature with seal)
Dr. M. I. Punnoose
Principal in Charge
U.C. College Aluva

SECOND PARTY

Dr. M. I. Punnoose

Principal

Union Christian College, Aluva

Pin- 683102

Tel. No. 0484-2205882

Tel. No. 0484 2609194

Date : 27/4/2023

Date: 20/4/2023

For the GCDA

Witness 1:

SUBITHA

TOWN PLANNING OFFICER
GCDA

സുഭാഷ്. എസ്
ടൗൺ പ്ലാനിംഗ് ഓഫീസർ

For the Union Christian College, Aluva

Witness 1: Dr. Ann George

Head,

Department of Economics

Union Christian College, Aluva



Report of The MoU with Greater Cochin Development Authority (GCDA) and Union Christian College (Department of Economics)

The MOU with GCDA was signed on 20th April 2023 for a period of three years. Greater Cochin Development Authority is the statutory body overseeing the development of the city of Kochi in the state of Kerala, India. The MOU was signed by Union Christian College for students to gain experience of research and extension. The Department of Economics will be co-ordinating the activities under this MOU. This MOU was signed following a collaborative activity conducted by Department of Economics with GCDA in January 2023.

Report and Proof of the activity

A survey was carried out by GCDA in January 2023 with the objective of constructing a 'Happiness Index' of the city of Kochi. This survey was conducted with the help of students of different colleges. The students of department of Economics, Union Christian College took part in this survey. As proof of this activity a letter of appreciation from GCDA and photo of participants is pasted below.

Letter of Appreciation

GREATER COCHIN DEVELOPMENT AUTHORITY
P.O.No:2012, Phone - 2304261, 2304222, Fax: 91 484 2305239, Kochi - 682 001
website: www.gcdakerala.gov.in, E-mail: gcdaoonline@gmail.com

No. 4244/PL.1/2023/GCDA Date: 09.03.2023

From,
The Secretary,
GCDA,

Sir,
Subj: - GCDA – Planning Section – Letter of appreciation – Happiness Index Report

I take this opportunity on behalf of Greater Cochin Development Authority to appreciate the students of your college who had participated in the survey work for the preparation of Happiness report, a study by the Authority.
I hope that your institution will be able to co-ordinate with GCDA for further such innovative projects in the future.

Yours faithfully,

Secretary

To,

1. The Head of the Department,
Departments of Economics,
Maharajas College, Ernakulam.
2. The Head of the Department,
Departments of Economics,
Morning Star Home Science College, Angamaly.
3. The Head of the Department,
Departments of Economics,
St. Teresa's College, Ernakulam.



4. The Head of the Department,
Departments of Economics,
SH College, Thevara.
5. The Head of the Department,
Departments of Economics,
St Paul's College, Kalamassery.
6. The Head of the Department,
Departments of Economics,
Government Arts College, Thrippunithura.
7. The Head of the Department,
Departments of Economics,
Bharath Mata College, Thrikkakara.
8. The Head of the Department,
Departments of Economics,
UC College, Aluva.



Outcome of the Activity

Fifteen students who participated in the survey received rigorous training for empirical data collection using survey method. They also gained an understanding of the construction of happiness index, an index which is gaining much popularity in the development circles.



കേരളം കേരल KERALA

DZ 827420

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (here in after called as the 'MOU') is entered into on this the 22nd day of May Two Thousand and Twenty-Three (22/05/2023) by and between

Union Christian College, Aluva, the first party represented here in by its Principal (here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include it successors-in-office, administrators and assigns) on the first part.,

AND

Karumalloor Grama Panchayat, a local self-government body under the Panchayat Raj Act of 1994 of Indian constitution represented by Secretary, Karumalloor Grama Panchayat (here in after referred to as "second party", the institution which expression, unless excluded by or repugnant to the subject or context shall include it successors-in-office, administrators and assigns) on the second part.

നമ്പർ 1983 ന്നു കേരളം 22/05/23

Principal Union Christian College

Aluva, 22

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സ്റ്റാമ്പ് വെണ്ടർ, ആലുവ



(First Party and Second Party are here in after jointly referred to as 'Parties' and individually as 'Party') as

WHEREAS :

- A) First Party is a Higher Educational Institution named UNION CHRISTIAN COLLEGE, ALUVA.
- B) Karumalloor Grama Panchayat, a local self-government body under the Panchayat Raj Act of Indian constitution, the Second Party here in is engaged in providing helps to conduct data collections and related helps.
- C) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

- 1.1 The Second Party will provide necessary arrangements for the First Party to implement the previously mentioned activity in the Second Parties institution.

VALIDITY AND TERMINATION

- 2.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms.
- 2.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

IN WITNESSES WHEREOF, the parties have agreed to the terms mentioned above and have set their hands here unto on the eighth day of May, 2023.


For Union Christian College, Aluva


For Karumalloor Grama Panchayat

Authorized Signatory

P.M. I. Punnoose
Principal in Charge
U. C. College Aluva

Authorized Signatory

AMRITHA T. MOHAN
Secretary, Karumalloor Grama Panchayath
Karumalloor P. O.
Pin-683511 / Ph: 9496045713



Union Christian College	Karumalloor Grama Panchayat
Aluva	Aluva
Ph 0484 2609194	Ph 0484 2870478
Uccollege@uccollege.edu.in	secrkarumallurpanchayat@gmail.com
www.uccollege.edu.in	

Witness 1:

Juby John
Juby John
Assistant Professor
Dept of History
U.C. College, Aluva.

Witness 2:

Minitha V.S
Minitha V.S
Clerk
Karumalloor G.P.

Witness 3:

Hann.Gi.Das
Hann.Gi.Das
Assistant Professor
Department of History
U.C. College, Aluva.

Witness 4:

Amu Kuriakose
Amu Kuriakose
Head Clerk
Karumalloor GP



Department of History

MOU with Karumalloor Grama Panchayat

Report

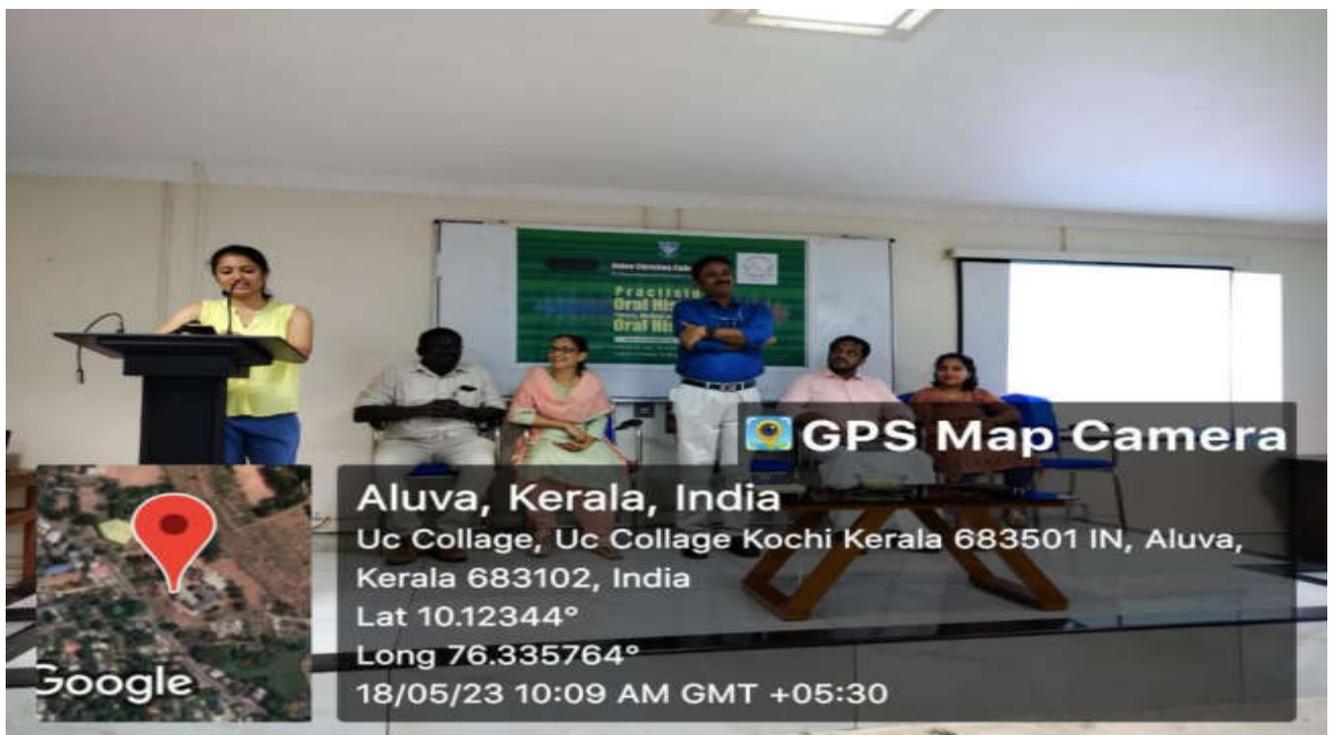
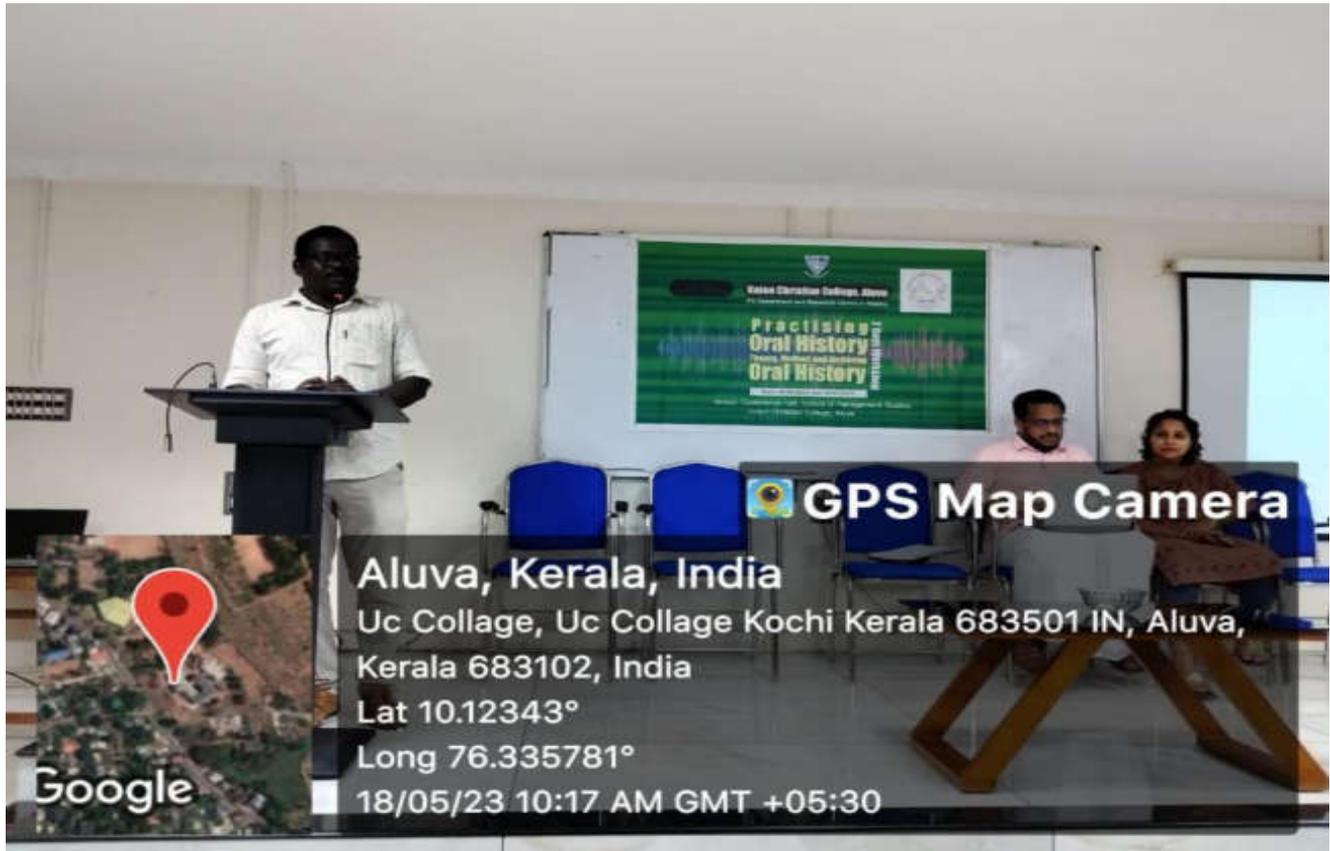
MoU was signed on 22.05.2023 between Union Christian College, Aluva and Karumalloor Grama Panchayat, a local self-government body under the Panchayat Raj Act of Indian constitution. The Grama Panchayat will help in conducting data collection and related help. Objective is to collect, digitize, preserve and make available memories about the region Aluva, but in the long term, to do the same for memories related to themes such as migration, environment, gender, caste, religious and cultural practices, social and political movements, traditional knowledge, public institutions, etc. The spoken memories shared during an interview are from witnesses or participants in an event or a time period, hence, they can be counted as primary material through which history is known and understood. The objective is to develop a pool of such primary historical accounts, first hand, preserved and made available, and eventually, pave the way for establishing one of the pioneering centres of oral history in South Asia.

Activity : The Oral History Archives and Research Centre (OHARC)

The primary objectives of this project is as follows:

1. To put in place a system that would record, preserve and disseminate voices from the past and about the past, and therein create an organic resource base for studying and understanding the past.
2. To recognize and acknowledge unheard memories and voices that would otherwise remain invisible or marginalized in a world where the written or the printed word is prioritized.
3. To document histories with all its emotional content.
4. To develop a resource base for research students of history and other disciplines.
5. To train students in oral history.
6. To democratize historical knowledge, wherein, anyone can contribute their memories and access those memories.
7. Towards Total history

The inauguration ceremony of OHARC materialized on 18.05.2023 9.30 am at Conference Hall, School of Management Studies. U C College Aluva. It was an esteemed occasion attended by esteemed guests, faculty members, students, and community representatives. The event commenced with an introduction to OHARC's vision and objectives, emphasizing its commitment to preserving and promoting oral history.





Outcome of the Activity

In the long term, this project hopes to digitize the entire written documents, testimonies, and photographs on the region, Aluva, and therein, convert it into a virtual archives with provisions for online access and consultation, so that it may be yet another addition to the rich history of Aluva and the times gone by; to collaborate with national and international centres, and begin short term courses on oral history; to develop the archive into a premier Centre for Oral history research in the country; and to offer consultancy services to other institutions in opening oral history archives in their own institutional settings thus making it one of our **Best Practices**.

This Schedule is between James Cook University (JCU) (College of Science and Engineering) and *Mahatma Gandhi University, Kottayam, Kerala, India [Union Christian College, Aluva, Kerala, India]*. The Cotutelle Candidature Schedule ("the Schedule") pertains specifically to the course of study to be undertaken by Aleena Norbert. The Schedule should be read in conjunction with the rules governing research higher degrees at JCU and the governing Doctor of Philosophy at *Mahatma Gandhi University, Kottayam, Kerala, India*.

This Schedule forms part of an overarching Cotutelle Agreement signed by JCU and the *Mahatma Gandhi University, Kottayam, Kerala, India* and the terms and conditions of the program that are incorporated into this Schedule. Where any inconsistency exists between the Cotutelle Agreement and the Schedule, this Schedule shall prevail.

DETAILS OF SCHEDULE

1. STUDENT DETAILS	
Surname: Norbert	Student ID (JCU): Student ID ([Partner institution]) 91/2020
Given Names: Aleena	Title (Dr/Mr/Ms/Mrs): Ms
Date of Birth: 01-04-1992	Country of Residence: India
Email Address: aleenanobo@gmail.com	Gender: Female
Title of research topic: Phytosynthesis and characterization of cerium oxide nanoparticles for visible light driven photocatalytic and antimicrobial applications.	
Name of degree applied for at JCU: PhD	

2. CANDIDATURE DETAILS	
Intended start date at JCU:	10 January 2022
Intended Thesis Submission Date at JCU:	June 2025
Intended start date at Collaborating University (or start date if already enrolled):	01-09-2021
Intended thesis submission date at Collaborating University:	June 2025
Language of Thesis (if other than English):	English
Total budget required for the project:	\$4000 (JCU Minimum Resource)

2.a. Time spent at each institution
The candidate will spend 3 months at JCU, Australia and 42 months at Union Christian College, Aluva affiliated to Mahatma Gandhi university.

3. JAMES COOK UNIVERSITY DETAILS	
College/Institute	Science and Engineering
Discipline	Engineering
Primary Advisor	Prof Mohan Jacob
Secondary Advisor	Assoc Prof Michael Oelgemoeller
Alternate Advisor	
Primary Contact person/ office for this cotutelle arrangement	Prof Mohan Jacob (Mohan.Jacob@jcu.edu.au)

4. DETAILS	
Primary Advisor	Prof. Rachel Reena Philip
Secondary Advisor	
Alternate Advisor	
Primary Contact person/ office for this cotutelle arrangement	Prof. Rachel Reena Philip (rachelreenaphilip@uccollege.edu.in)

5. EXAMINATION
As per clause 5.1 (a) in overarching cotutelle agreement. Examination of the thesis will take place as follows: (Including specifying which party is responsible for payment of examiners)
Each University will be responsible for the thesis examination individually.

6. PROPOSED VISITS BY PRIMARY ADVISORS/SUPERVISORS
As per clause 7.3 of overarching cotutelle agreement please list:
Number of Visits:1
Institution responsible for the cost of the visit: The employer of the advisor visiting will be responsible.

7. FUNDING

Please list any relevant Funding arrangements such as:

- Arrangements for living allowances (scholarships/stipends) and travel support for the candidates (if Industry or external funding body please list name)
- Funding arrangements for supervisors/examiners (if applicable)
- Funding for the examination (if applicable)

The candidate will be encouraged to apply for scholarship during the visit to JCU.
--

8. SPECIAL CONDITIONS

9. DECLARATION

This Cotutelle Candidature Schedule is executed pursuant to the Cotutelle Agreement.

College Dean or Associate Dean of Research	<i>[Partner institution equivalent]</i>
PRINT NAME Mohan Jacob Signature  Date 31/01/2023	PRINT NAME Prof. Sabu Thomas Signature  Date 03/02/2023
Dean, Graduate Research School	<i>[Partner institution equivalent]</i>
PRINTNAME _____ Signature _____ Date _____	PRINTNAME _____ Signature _____ Date _____
Primary Advisor	<i>[Partner institution equivalent]</i>
PRINTNAME <u>Mohan Jacob</u> Signature  Date 31/01/2023	PRINTNAME <u>Rachel Reena Philip</u> Signature  Date 31/01/2023
Secondary Advisor	<i>[Partner institution equivalent]</i>
PRINTNAME <u>Michael Oelgemoeller</u> Signature  Date <u>31.01.2023</u>	PRINTNAME _____ Signature _____ Date _____
Candidate	
PRINTNAME Aleena Norbert Signature  Date 31/01/2023	



Department of Physics

MoU with James Cook University

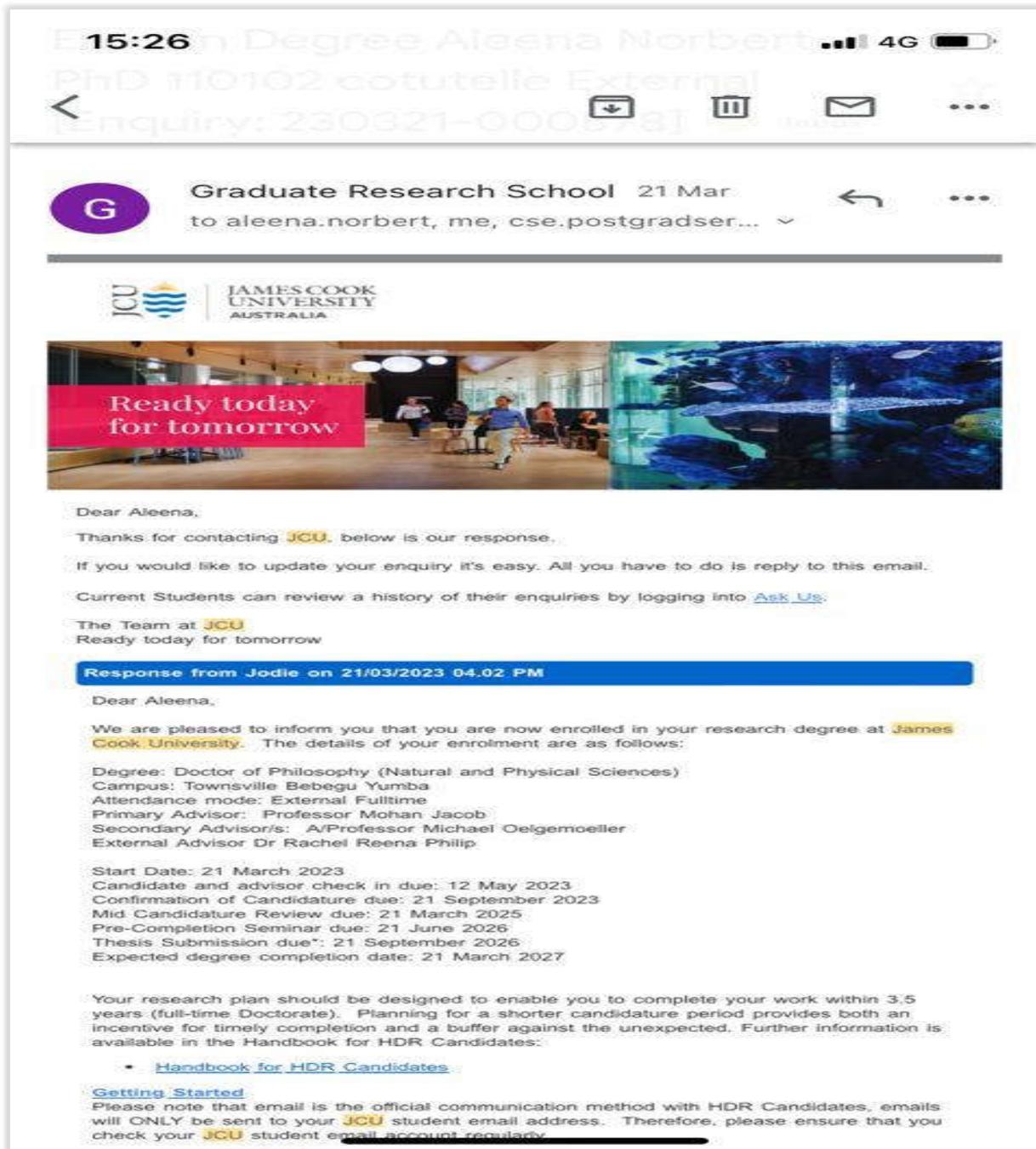
Report

The MoU was signed between James Cook University (JCU) (College of Science and Engineering), Australia and Mahatma Gandhi University, Kottayam, Kerala, India [Union Christian College, Aluva, Kerala, India). The objectives include research collaboration and student exchange.

Activity

As part of the MoU, Ms. Aleena Norbert, Research student of Dr. Rachel Reena Philip enrolled at JCU for her research degree.

DETAILS OF SCHEDULE	
1. STUDENT DETAILS	
Surname: Norbert	Student ID (JCU): Student ID ({Partner institution}) 91/2020
Given Names: Aleena	Title (Dr/Mr/Ms/Mrs): Ms
Date of Birth: 01-04-1992	Country of Residence: India
Email Address: aleenanobo@gmail.com	Gender: Female
Title of research topic: Phytosynthesis and characterization of cerium oxide nanoparticles for visible light driven photocatalytic and antimicrobial applications.	
Name of degree applied for at JCU: PhD	
2. CANDIDATURE DETAILS	
Intended start date at JCU:	10 January 2022
Intended Thesis Submission Date at JCU:	June 2025
Intended start date at Collaborating University (or start date if already enrolled):	01-09-2021
Intended thesis submission date at Collaborating University:	June 2025
Language of Thesis (if other than English):	English
Total budget required for the project:	\$4000 (JCU Minimum Resource)
2.a. Time spent at each institution	
The candidate will spend 3 months at JCU, Australia and 42 months at Union Christian College, Aluva affiliated to Mahatma Gandhi university.	



Outcome of the Activity

The Intended Thesis Submission Date is June 2025

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पचास
रुपये

₹.50

भारत

FIFTY
RUPEES

Rs.50

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CG 778024

MEMORANDUM OF UNDERSTANDING (MoU) FOR ACADEMIC COOPERATION

This memorandum of understanding (MoU) agreement is executed on the day of

March 15 2023.

BETWEEN

PRINCIPAL, Union Christian College Aluva affiliated to Mahatma Gandhi University Kottayam

AND

PRINCIPAL, Maharajas Autonomous college

To establish relation between the two educational institutions to enhance the Scientific Cooperation between the researchers of the selected projects in both the

No. 39665 Date 8.3.2023

Link To

Lissy Sebastian
LISSY SEBASTIAN
CJM Court Vender EKM
Prinicipal
U.C College, Aluva



भारतीय गैर न्यायिक

पचास
रुपये
रु.50



FIFTY
RUPEES
Rs.50

INDIA NON JUDICIAL

കേരളം കേരള KERALA

CG 778023

colleges and to cooperate with each other in the process of inculcating higher level knowledge and sharing resource and experience in the areas of research for the benefit of students of both the institutions at free of cost. They may include the organization of a joint seminar or workshop or experts

NOW THE memorandum of understanding witnesses as follows,

1. The purpose of this MoU is to develop academic and scientific cooperation and to promote mutual understanding between the two educational institutions.
2. Both institutions agree and shall endeavor to promote collaborative activities in academic and research area of mutual interest on a basis of equality and reciprocity.

No. 39493 Date 8.3.2023

Link To

LISSY SEBASTIAN
CJM Court Vender EKM

Pr. principal
C.C college, Colva





കേരളം കേരल KERALA

CG 778022

3. Utilise the services and expertise of the teachers and researchers of the respective colleges for mutual benefit
4. Exchange of student graduate and undergraduate to attend classes, seminars, workshops conducted by the two institutions to do project.
5. The terms of cooperation for each specific activity implemented under MoU shall be mutually discussed and agreed upon by both the party.

This MoU shall remain in force for a period of one year from the date this agreement and shall be renewed for a further period on mutual consent of the party

10. Each institution shall designate a liaison officer to develop and coordinate the specific activities agreed upon. The designated liaison officers for this Memorandum of Understanding are,

39492 8.3.2023
Date

Link To

Pre received
C.C. College, Chuvanna

LISSY SEBASTIAN
CJM Court Vender EKM



भारतीय गैर न्यायिक

पचास
रुपये
रु. 50



FIFTY
RUPEES
Rs. 50

INDIA NON JUDICIAL

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CG 778021

1. Dr Manu Punnann John

2. Dr Zeenath N.A.S
HEAD OF THE DEPT. OF PHYSICS
MAHARAJA'S COLLEGE
ERNAKULAM - 682011

IN WITNESS WHEREOF the said first party and the second party have put their

respective signatures, here under the day, month and year first above written.

Signature of the first party

Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva

Signature of the second party

SPECIAL GRADE PRINCIPAL
MAHARAJA'S COLLEGE
ERNAKULAM

In the presence of the following witnesses,

1. Dr Manu Punnann John



30/6/2023 Date 8.3.2023

To

LISSY SEBASTIAN
M Court Vender EKM

One principal
U.C. college, Aluva





Department of Physics

MoU with Maharaja's College, Ernakulum

Report

This memorandum of understanding (MoU) agreement was executed on 15.03.2023 to establish relation between the two educational institutions in enhancing the scientific cooperation between the researchers of the selected projects in both the colleges and to cooperate with each other in the process of inculcating higher level knowledge. Also aiming to sharing resource and experience in the areas of research for the benefit of students of both institutions at free of cost.

1. The purpose of this MoU is to develop academic and scientific cooperation and to promote mutual understanding between the two educational institutions.
2. Both institutions agree and shall endeavor to promote collaborative activities in academic and research area of mutual interest on a basis of equality and reciprocity.
3. Utilise the services and expertise of the teachers and researchers of the respective colleges for mutual benefit.
4. Exchange of student graduate and undergraduate to attend classes, seminars, workshops conducted by the two institutions to do project.
5. The terms of cooperation for each specific activity implemented under MoU be mutually discussed and agreed upon by both the party.

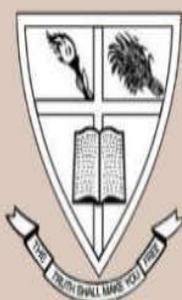
Activity

Conducted two-day workshop on material characterization techniques (WMCT 2023) from 22-23 March 2023 to provide a broad overview of the theoretical and experimental techniques which are generally used for characterizing materials.



WORKSHOP ON MATERIAL CHARACTERIZATION TECHNIQUES (WMCT 2023)

22-23 March 2023



Department of Physics
Union Christian College Aluva



सत्यमेव जयते



under the Scientific Social Responsibility Policy of
Department of Science and Technology

ABOUT

The Physics Department of Union Christian College, established in 1926, has scaled new heights in the last decade. It has now five full-fledged research labs in Thin Films, Nanomaterials, Optics, Optoelectronics and Theoretical Research which have national and international research collaborations. The development has been made possible through the support of various research funding agencies like DST, DAE, UGC, BRNS and KSCSTE in the form of major and minor projects sanctioned to faculty members of the department and the KSCSTE SARD scheme.

The Department of Physics is organizing a two day workshop as part of the SSR policy in a DST project (Ref No: CRG/2020/000448) sanctioned by Govt. of India. This workshop on Material Characterization techniques is to provide a broad overview of the experimental and theoretical techniques which are generally used for characterizing materials. This program will include introductory lectures on structural and optical characterization of materials, overview of instrumentation and data analysis. This workshop is aimed at fostering research culture among faculty members, research scholars, postgraduate students and aspiring undergraduate students. All are cordially invited. Please follow the link provided to register.

Convenors

Prof. Rachel Reena Philip Dr. M.I Punnoose
Dr. Reshmi R., Dr. Shinoj V. K. Principal

Dr. Manu Punnen John
Head, Department of Physics

Organizing Committee

Ms. Rakhy Raphael Dr. Alex Mathew
Dr. Pramod Dominic Dr. Madhu K.



TECHNICAL SESSION

TB Ninan Hall

22-03-2023 Wednesday

10.00 am: Inauguration
10.30 am: Prof. Reji Philip, RRI Bengaluru
Linear Optical Characterization Techniques
1.30 pm: Dr. Manoj R, Maharajas College
*UV-Vis Spectrophotometry:
Instrumentation & Data Analysis*
3.00 pm: Poster Presentation - Session 1

23-03-2023 Thursday

10.00 am: Dr. Shibu M Eapen, SAIF-STIC
*X-ray Diffraction: Basic Principles,
Instrumentation & Data Analysis*
1.30 pm: Dr. Santhi A, St. Teresa's College
Photothermal Lens
3.00 pm: Poster Presentation - Session 2

Abstracts (limited to 300 words) are invited for poster presentation from faculty members, researchers and PG students.

Last Date: 17 March 2023

Shortlisted full papers will be published in proceedings with ISBN.

Registration charges: **Rs. 200/-**. (Lunch will be provided for registered participants.)

<https://forms.gle/xR9Uxt8QYfTL7aAM6>

9744187825

Contact: shinojv@uccollege.edu.in



Outcome of the Activity

Provided a broad overview of the theoretical and experimental techniques which are generally used for characterizing materials.



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CG 778027

MEMORANDUM OF UNDERSTANDING (MoU) FOR ACADEMIC COOPERATION

This memorandum of understanding (MoU) agreement is executed on the day of

March 09 2023.

BETWEEN

PRINCIPAL, Union Christian College Aluva affiliated to Mahatma Gandhi University Kottayam

AND

PRINCIPAL, Al Ameen College, Edathala, affiliated to Mahatma Gandhi University Kottayam

To establish relation between the two educational institutions to enhance the Scientific Cooperation between the researchers of the selected projects in both the colleges and to cooperate with each other in the process of inculcating higher level knowledge and sharing resource and experience in

39497 Date 8.3.2023

Link To


LISSY SEBASTIAN
CJM Court Vender EKM


Principal
U.C. College, Aluva



भारतीय गैर न्यायिक



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CG 778028

the areas of research for the benefit of students of both the institutions at free of cost. They may include the organization of a joint seminar or workshop or expert interaction.

NOW THE memorandum of understanding witnesses as follows,

1. The purpose of this MoU is to develop academic and scientific cooperation and to promote mutual understanding between the two educational institutions.
2. Both institutions agree and shall endeavor to promote collaborative activities in academic and research area of mutual interest on a basis of equality and reciprocity.
3. Utilise the services and expertise of the teachers and researchers of the respective colleges for mutual benefit

1498 Date 8.3.2023

To

ISSY SEBASTIAN
N Court Vender EKM

The principal
CC college, Aluva





കേരളം കേരल KERALA

CG 778026

4. Exchange of student graduate and undergraduate to attend classes, seminars, workshops conducted by the two institutions to do project.

5. The terms of cooperation for each specific activity implemented under MoU shall be mutually discussed and agreed upon by both the party.

This MoU shall remain in force for a period of two year from the date this agreement and shall be renewed for a further period of two more years on mutual consent of the party

6. Each institution shall designate a liaison officer to develop and coordinate the specific activities agreed upon. The designated liaison officers for this Memorandum of Understanding are,

1. Dr Manu Punnann John

2. Dr. Sreeja S.

39496 8-3-2023
Date

Link To

LISSY SEBASTIAN
CJM Court Vender EKM

Pre principal
C.C. College, Aluva



भारतीय गैर न्यायिक



INDIA NON JUDICIAL

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CG 778025

IN WITNESS WHEREOF the said first party and the second party have put their

respective signatures, here under the day, month and year first above written.

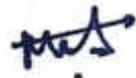
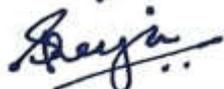

Signature of the first party

Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva


Signature of the second party

Dr. Cini Kurian
Principal
Al-Ameen COLLEGE EDATHALA

In the presence of the following witnesses,

1. Dr Manu Punnan John 
2. Dr. Sreeja S. 

Copy to:

The Principal , Al Ameen College , Edathala

39495 8-3-2023
Date

Link To

LISSY SEBASTIAN
CJM Court Vender EKM


Principal
U. C. College, Aluva





Department of Physics

MoU with Al- Ameen College, Edathala

Report

This MoU agreement was executed on 09.03.2023 to establish relation between the two educational institutions in enhancing the scientific cooperation between the researchers of the selected projects in both the colleges and to cooperate with each other in the process of inculcating higher level knowledge. Also aiming to sharing resource and experience in the areas of research for the benefit of students of both institutions at free of cost. Objectives include:

- 1.To develop academic and scientific cooperation and to promote mutual understanding between the two educational institutions.
- 2.Both institutions agree and shall endeavor to promote collaborative activities in academic and research area of mutual interest on a basis of equality and reciprocity.
- 3.Utilise the services and expertise of the teachers and researchers of the respective colleges for mutual benefit.

Activity

Research Collaboration between both the institutes. Dr. Sreeja S. joined the Department as a Research intern at the Department of Physics Union Christian College, Aluva on 10/04/2023.





To

Dr. Manu Punnen John
Assistant Professor & HoD
Dept of Physics
U C College, Aluva

Sub: Joining Letter for the short term Collaborative Research Work

Dr. Manu Punnen John,

Thank you for accepting my Proposal for the short term Collaborative Research Work.

With reference to your acceptance letter dated on 3/04/2023, I am joining as a Research intern at the Optoelectronics and Nanoelectronics lab, Department of Physics, Union Christian College, Aluva, affiliated to Mahatma Gandhi University, Kottayam, Kerala. I assure you to abide all the rules and regulations of your institution during my tenure of work in the lab.

Thanking you

Dr. Sreeja.S

Place: Aluva

Date: 10/4/2023

Outcome of the Activity

Helped in developing academic and scientific cooperation between the two institutes.



കേരളം കേരल KERALA

MEMORANDUM OF UNDERSTANDING (MoU)

EB 011429

Between

Department of Physics, Malabar Christian College, Calicut

And

Department of Physics, Union Christian College, Aluva

This Memorandum of Understanding (MoU) is made and entered into on this 19th day of March, 2023, by and between the Department of Physics, Malabar Christian College, Calicut and the Department of Physics, Union Christian College, Aluva, collectively referred to as the "Parties."

Purpose:

The purpose of this MoU is to establish a partnership between the two departments for conducting online courses and sharing knowledge and faculties for the joint programs.

Terms of Agreement:

1. Both parties agree to collaborate on online courses and share knowledge and faculties for the joint programs. This will include offering joint courses, sharing teaching resources and academic research, and facilitating student and faculty exchanges.
2. The joint programs will be designed and implemented jointly by both parties. The courses offered under this partnership will be recognized by both parties.
3. The programs will be available through the online learning management platform of physicskerala.in. Both parties agree to ensure that the content of the programs is accurate and up-to-date.

Dr. Seena P. James
Principal (IC)
Malabar Christian College
Calicut



NO. A 7440 RS. 100
DATE: 19.3.2023
SOLD TO:
HUZUR STAMP VENDOR
KISHOR. P. P.
CIVIL STATION, CALICUT-20

Seena P. James
Principal (IC)



4. Both parties agree to provide the necessary technical and administrative support for the successful implementation of the joint programs.
5. Both parties will promote the joint programs through their respective websites and social media platforms.
6. The partnership will be reviewed periodically by the Parties to ensure that it is meeting its objectives.
7. Any disputes arising from this MoU will be resolved amicably by the Parties.
8. This MoU will be effective for a period of two years from the date of signing, and it may be renewed by mutual agreement of both parties.
9. Each institution shall designate a liaison officer to develop and coordinate the specific activities agreed upon. The designated liaison officers for this Memorandum of Understanding are, 1. Dr. Shinoj V.K., Assistant Professor, Department of Physics, Union Christian College, Aluva and 2. Mr. Sreejith P., Assistant Professor and Head, Department of Physics, Malabar Christian College, Calicut.

Signed for and on behalf of Department of Physics, Malabar Christian College, Calicut:

(Principal)


Dr. Sachin P. James
Principal (I/C)
Malabar Christian College
Calicut

Date: 19/03/2023



Signed for and on behalf of Department of Physics, Union Christian College, Aluva:

(Principal)



Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva

Date: 19/03/2023



Witness 1:


Sreejith P

Witness 2:


Dr. Shinoj V.K



Department of Physics

MOU with Malabar Christian College, Kozhikode

Report

This MoU was signed on 19.03.2023 between the Department of Physics, Malabar Christian College, Calicut and the Department of Physics, Union Christian College, Aluva. Its objective is to establish a partnership between the two departments for conducting online courses and sharing knowledge and faculties for the joint programs.

Activity

Made an academic collaboration with Malabar Christian College.

Value added course was offered to students of the Malabar Christian College by the faculty of department of Physics, Union Christian college, Aluva.

Add-on Course
Research Methodology
- For Under Graduate Science Students

FEATURED SPEAKER
Dr. Shinoj V K
Assistant Professor
Department of Physics
U.C. College, Aluva

As part of MoU between
Department of Physics
Union Christian College, Aluva
&
Department of Physics
Malabar Christian College, Calicut

Outline

- Importance of research in various fields
- What is Research?
- Types of Research
- Research Design
- Research Method vs. Methodology
- Selecting a Research Problem
- How to Conduct Research
- Structure of research reports
- Guidelines for effective presentation
- Avoiding unethical practices in research reporting

For registration :
<https://forms.gle/uYMRUZZj2X5D7qQy9>

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Research Methodology - for Undergraduate Science Students

Home / My courses / Research Methodology-4-2023 / Participants

Participants

Enrol users

Invite users

Match

Any

Select

+ Add condition

Clear filters

Apply filters

114 participants found

First name All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

<input type="checkbox"/>	First name / Surname *	Department	Institution	Roles	Groups	Last access to course	Status
<input type="checkbox"/>	ADHIL ABDULLA M A	Department of Physics	Government Brennen College, Thalassery	Student	No groups	162 days 23 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Alna Ailth	Department of Physics	Sree Narayana College, Kannur	Student	No groups	Never	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Sonu George Alex	Department of Physics	Mar Ivanios College, Thiruvananthapuram	Student	No groups	39 days 12 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	RASMIN AM	Department of Physics	Mar Dionysius College, Pazhanchi	Student	No groups	159 days	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	ABOOBACKER ARSHAD	Department of Physics	Malabar Christian College, Calicut	Student	No groups	51 days 13 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	KYAYSHA	Department of Physics	Krishna Menon Memorial Government Women's College, Kannur	Student	No groups	Never	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	FAIZ BADER	Department of Physics	Union Christian College, Aluva	Student	No groups	Never	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Faiz Bader			Student	No groups	35 days 3 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Abhijith C B	Department of Physics	UC College, Aluva	Student	No groups	Never	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	JOSH SHAJI CHERIAN	Department of Physics	Malabar Christian College, Calicut	Student	No groups	154 days 13 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	VYSHNA CY	Department of Physics	Sree Narayana College, Kannur	Student	No groups	36 days 22 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Anul Devadas			Student	No groups	191 days 8 hours	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	DARSHAN EP	Department of Physics	Sree Narayana College, Kannur	Student	No groups	Never	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



First name / Surname	Department	Institution	Roles	Groups	Last access to course	Status
<input type="checkbox"/> R Rishaa Fathima			Student	No groups	Never	Active
<input type="checkbox"/> FATHIMA FEMIN	Department of Chemistry	Government Arts and Science College, Calicut	Student	No groups	Never	Active
<input type="checkbox"/> NAVAMI G	Department of Physics	University of Kerala, Kariavattom Campus	Student	No groups	172 days 1 hour	Active
<input type="checkbox"/> MEENU G	Department of Physics	University of Kerala, Kariavattom Campus	Student	No groups	Never	Active
<input type="checkbox"/> ROHITH RAJEEV H0609	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> DEVIKA SAJEEVAN H0672	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> RAHMATH K S H0692	Department of Physics	UC College, Aluva	Student	No groups	93 days 5 hours	Active
<input type="checkbox"/> SWATHY S NAIR H0780	Department of Physics	UC College, Aluva	Student	No groups	4 days 2 hours	Active
<input type="checkbox"/> ANUGRAHA MATHEW H0828	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> DILNAMOL SUNIL H0831	Department of Physics	UC College, Aluva	Student	No groups	12 days 2 hours	Active
<input type="checkbox"/> BERYL CHERIAN H0844	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> ANUSREE S M H0893	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> ANAGHA KY H0894	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> LAKSHMI PRIYA P H0895	Department of Physics	UC College, Aluva	Student	No groups	22 days 3 hours	Active
<input type="checkbox"/> ADARSH P S H0896	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> ANJITHA ARAVIND H0897	Department of Physics	UC College, Aluva	Student	No groups	35 days 2 hours	Active
<input type="checkbox"/> HARIKRISHNA MB H0898	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> ABIRAMI A JI H0985	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> GOPIKA T S H0986	Department of Physics	UC College, Aluva	Student	No groups	35 days 16 hours	Active
<input type="checkbox"/> AJU GEORGE H0990	Department of Physics	UC College, Aluva	Student	No groups	33 days 23 hours	Active
<input type="checkbox"/> ASWAL UNNIKRISHNAN H1045	Department of Physics	UC College, Aluva	Student	No groups	35 days 4 hours	Active
<input type="checkbox"/> FAZEEL YQOSAF H1111	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> RAHUL V H1112	Department of Physics	UC College, Aluva	Student	No groups	35 days 4 hours	Active
<input type="checkbox"/> ANUGRAHA VINOD H1138	Department of Physics	UC College, Aluva	Student	No groups	Never	Active
<input type="checkbox"/> SANDRA S NAIR H1214	Department of Physics	UC College, Aluva	Student	No groups	4 days 2 hours	Active
<input type="checkbox"/> ARJUN K M H1217	Department of Physics	UC College, Aluva	Student	No groups	Never	Active

Outcome of the activity

Introduced and made the students aware about the various aspects of research, how to select a research problem, guidelines for effective presentation etc.

Phy
To
Dr. S. Sri Prakasham

MEMORANDUM OF UNDERSTANDING

24/4/23
26/4/23
29/4/23

BETWEEN

INDIAN RUBBER MANUFACTURERS
RESEARCH ASSOCIATION (IRMRA),

Thane, Maharashtra

AND

Union Christian College,

Aluva, Kerala



കേരളം കേരल KERALA

DZ 618825



MEMORANDUM OF UNDERSTANDING

BETWEEN

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION (IRMRA), THANE WEST,
MAHARASHTRA

AND

UNION CHRISTIAN COLLEGE, ALUVA

This Memorandum of Understanding (hereinafter referred to as "this MoU") is signed on this 24th day of month of April in the year 2023 by and between the **INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION (IRMRA)**, an autonomous body under The Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Government of India, New Delhi, having its principal office at 254/1 B, Road Number 16V, Wagle Industrial Estate, Thane (W) MH, India 400604 and branches in the Eastern India at P.O.- Dhulagarh, P.S.- Sankrail, Dist.- Howrah, Pin-711302, WB and in Southern India at Sri City Trade Centre, Sri city, Dist. - Chittore, Andhra Pradesh-517646, India (hereinafter referred to as "IRMRA") of the other part;

AND

Union Christian College established under the UNION CHRISTIAN COLLEGE ASSOCIATION with its registered address at Union Christian College, U.C. College, P.O. 683102 (hereinafter referred to as "UCC"), of the one part;

10/4/23
Principal
UCC college
Aluva



ANGAMALY VENDOR
M.J. BABY, LNo:15/7B-7



(IRMRA, and UCC hereinafter referred to collectively as "Parties" and individually as "Party", where the context so requires)

WHEREAS

- A. Indian Rubber Manufacturers Research Association, popularly known, as IRMRA is Premier Research and Development organization established in 1958 to serve the Rubber & allied industries. IRMRA is an autonomous body under the Ministry of Commerce & Industry, DPIIT, Govt. of India. Govt. of India has funded to create this state of art R&D center to support Rubber Industries & end users to improve the quality of rubber products and now the institute is self-sustaining. IRMRA has modern state of art scientific and analytical instruments and is fully equipped with facilities for design & development, validation and testing of rubber and allied materials. It has state of art R&D center to support Rubber Industries & end users to improve the quality of rubber products. IRMRA, is an NABL ISO17025:2005 accredited and ISO-9001:2015 certified laboratory and engaged in pursuit of higher research in all major areas of rubber and polymer technology.

IRMRA is well known for its expertise in the fields of Testing and Investigations, Research and Products / Compound development, Training & Manpower development and Consultancy services, and has diversified its activities in the new sophisticated areas such as Nano and Latex Technologies as well as Rubber Engineering.

IRMRA, has been carrying out sponsored research projects including technology development projects in a variety of areas for Government Agencies and industry. IRMRA, has extensive facility and experience, in reverse Engineering and product development of rubber and polymer based products. IRMRA has facility and experience in giving Training, conducting different courses related to Rubber field, Quality Management System, Manpower skill development etc. Presently IRMRA conducts training courses on LMS (Laboratory Management Courses), M Sc in Industrial Polymer Chemistry in collaboration with Mumbai University and short term technical training courses on rubber technology.

IRMRA has following Quality accreditations / recognitions:

- ISO 17025:2005: NABL Accredited,
- ISO: 9001:2015 certified
- DGMS Approved
- BIS Recognized for various Tyre & Non- Tyre Testing
- DGQA, DSIR, CEMILAC Recognized

- B. The Union Christian College, Aluva was founded in 1921 as an ecumenical, Indian Christian initiative in the field of higher education in Kerala. The college was founded by four young visionaries – Shri K.C. Chacko, Shri. A.M. Varki, Shri. C.P. Mathew and Shri V.M. Ittyerah, who were alumni of Madras Christian College. Providentially inspired by their Christian faith and commitment, they envisaged the institution as a



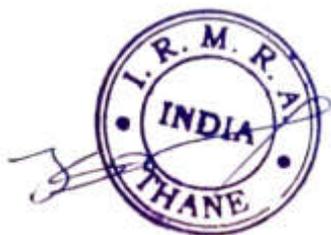
center based on the values of integrity and social commitment, promoting learning and culture. A sprawling green campus spread over 40 acres, the college is located on the banks of river Periyar, about 12 kilometers away from the Cochin International Airport. Affiliated to Mahatma Gandhi University, Kottayam, the institution is known for its academic excellence and research potential. The college has 18 academic departments, with around 1900 students and 160 faculty members.

The college strives to produce intellectually competent, morally upright, and spiritually inspired citizens in the service of the nation. It is a unique center of higher education in Kerala with an ecumenical character and foundation. The college has always promoted international initiatives and cooperation. The list of eminent international teachers who have associated with the college in the past includes stalwarts like Canon W. E. S. Holland, Rev. L. W. Hooper, Malcom Muggeridge and Rev. B. G. Crowley. This ethos continues in the form of international collaborations and student exchange programmes with Universities outside India. The institution distinguishes itself in interdenominational management, its service to the nation, cosmopolitan and secular ethos and humanistic values.

The Department of Chemistry was initiated in 1926 from the very inception of the Science stream of the Intermediate Course in the College. Prof. T. R. Anantharaman was the founder Professor and Head of the Department (1926 – 1962). The B.Sc course in Chemistry was started in 1953 and the PG course was started in 1982, though the department was well equipped for the PG course from 1969 onwards. Owing to the untiring efforts of the eminent faculty, the research activities gradually increased, and the department attained formidable reputation in the national scene as one of the finest schools of chemistry for graduation.

The department has distinguished itself as a centre for innovative and pioneering research in a wide range of areas in chemistry and chemistry interfacing with physical and biological sciences. It has attained the status of a DST-FIST Sponsored department by DST in 2010. The department of chemistry is well known for its excellence in teaching and research. The faculty members of the department are engaged in state of the art research as well as guiding the M. Sc. Projects and Doctoral Students. The faculty members have actively participated in revising and updating the B.Sc. and M. Sc. syllabus time and again. Collaborative research programs with many research laboratories like ISRO were also taken up successfully with mutual benefit. The Department of Chemistry has produced notable alumni like Prof. Dr. M V George (IIT Kanpur/RRL Tvm), Dr. Sajan Joseph (Scientific Advisor, Eli-Lilly pharma, USA), Dr. C P Reghunathan Nair (VSSC), Dr. Mangalam S Nair (Scientist, RRL) and Mr. K. P. Dhanapalan (Ex-MP), Dr. A.T. Biju (Faculty, IISc)

The Parties, leveraging on the existing core functions of each organisation in developing the rubber industry in the region, are desirous of entering into this Memorandum of Understanding to declare their respective intentions and to establish a basis of co-operation and collaboration between the Parties upon the terms as contained herein.



THE PARTIES HEREBY REACHED THE FOLLOWING UNDERSTANDINGS:

1. OBJECTIVE

The Parties, subject to the terms of this MoU and the laws, rules, regulations and national policies from time to time in force, may endeavour to strengthen, promote and develop co-operation between the Parties on the basis of equality and mutual benefit.

2. AREAS OF CO-OPERATION

2.1 Subject to the law, rules, regulations and national policies from time to time in force, governing the subject matter, each Party may act as a stimulus for a wide range of collaborative activities, including but not limited to the collaboration related to research, innovation, testing and technology transfer in midstream and downstream sector of the industry.

2.2 For the above collaboration, the areas to be covered could include (but not limited to) the following areas:

- (i) Skill Development Program
- (ii) Internship Program (Summer & Winter Internship)
- (iii) Industrial Visits of Students
- (iv) Academic Collaboration / Exchange Programs
- (v) Joint Training / Workshop to exchange of knowledge between UCC and IRMRA researchers/ Members / Stakeholders.
- (vi) Exploring Collaborated Research, submission of Research Proposal to any funding agencies.
- (vii) Joint Paper publications, Patents etc.
- (viii) Utilisation of Testing facilities (available in both institutes)
- (ix) Entrepreneurship Development in Rubber Sector
- (x) Any other scope of work, which may be beneficial for both Institutes.

2.3 For the purpose of implementing the co-operation in respect of any area stated in clause 2, the parties may enter into a legally binding agreement subject to terms and conditions as mutually agreed upon by the Parties.

3. FINANCIAL ARRANGEMENTS

This MoU will not give rise to any financial obligation by one party to the other. Each party will bear its own cost and expenses in relation to this MoU.

4. EFFECT OF MEMORANDUM OF UNDERSTANDING

Notwithstanding the statements and obligations herein, this MoU shall not create a legal relationship between the Parties and the Parties shall not be legally bound until and unless a definitive agreement has been negotiated and duly executed by the authorized representatives of the Parties.



5. **NO AGENCY**

Nothing contained herein is to be constituted as a joint-venture partnership or formal business organization of any kind between the Parties or so to constitute either party as the agent of the other.

6. **ENTRY INTO EFFECT AND DURATION**

- 6.1. This MoU will come into effect on the date of signing and will remain in effect for a period of three (3) years.
- 6.2. This MoU may be renewed for a further period as may be agreed in writing by the Parties
- 6.3. This MoU may be terminated at any time by either party giving the other party a written notice of no less than one (1) month.

7. **NOTICES**

Any communication under this MoU will be in writing in the English language and delivered by registered mail and/or courier to the address or sent to the electronic mail address of the Parties or as the case may be, shown below or to such other address or electronic mail address or facsimile number as either party may have notified the sender and shall, unless otherwise provided herein, be deemed to be duly given or made when delivered to the recipient at such address or electronic mail address or facsimile number which is duly acknowledged:

To : **INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION, MUMBAI, MAHARASHTRA (IRMRA)**

Attn to : Director

Address : 254/1 B, Road Number 16V, Wagle Industrial Estate, Thane (W) MH, India 400604

Tel no. : +91 22 6787 3209

E-mail : info@irmra.org ; director@irmra.org

To : **Union Christian College, Aluva (UCC)**

Attn to : Principal

Address : U C College P.O,Aluva, Ernakulam, Kerala 683102

Tel no. :

E-mail : ucc@uccollege.edu.in, chemistry@uccollege.edu.in



8. PROTECTION OF INTELLECTUAL PROPERTY RIGHTS

- 8.1. The protection of intellectual property rights shall enforced in conformity with the respective national laws, rules and regulations of the Parties and with international agreements signed by both Parties.
- 8.2. The use of the name, logo and/or official emblem of any of the Parties on any publication, document and/or paper is prohibited without the prior written approval of either Party.
- 8.3. Notwithstanding anything in paragraph 8.1 above, the intellectual property rights in respect of any technological development, and any products and services development, carried out
- 8.3.1 jointly by the Parties or research results obtained through the joint activity effort of the Parties, shall be jointly owned by the Parties in accordance with the terms to be mutually agreed upon; and
- 8.3.2 solely and separately by the Party or the research results obtained through the sole and separate effort of the Party, shall be solely owned by the Party concerned.

9. CONFIDENTIALITY

- 9.1. Each Party shall undertake to observe the confidentiality and secrecy of document, information and other data received from or supplied to, the other Party during the period of the implementation of this MoU or any other agreements made pursuant to this MoU.
- 9.2. For the purpose of paragraph 9.1 above, such documents, information and data include any document, information and data which is disclosed by a party (the disclosing party) to the other party (the receiving party) prior to, or after, the execution of this MoU, involving technical, business, marketing, policy, know-how, planning, project management and other documents, information, data and/or solutions in any form, including but not limited to any document, information or data which is designated in writing to be confidential or by its nature intended to be for the knowledge of the receiving party or if orally given, is given in the circumstances of confidence.
- 9.3. Both Parties agree that the provisions of this Article may continue to be binding between the Parties notwithstanding the termination of this MoU.

10. SUSPENSION

Each party reserves the right for reasons of national security, national interest, public health to suspend temporarily, either in whole or in part, and the implementation of this MoU which suspension shall take effect immediately after notification has been given to the other party.



11. SETTLEMENT OF DISPUTES

Any difference or dispute between the Parties concerning the interpretation and/or implementation and/or application of any of the provisions of this MoU shall be settled amicably through mutual consultation and/or negotiations between the Parties, without reference to any third party or international tribunal.

12. VARIATION

The terms stipulated in this MoU shall not be amended, altered, changed or otherwise modified without the mutual consent of the Parties and such amendments, alterations, changes and modifications shall be made in writing and signed by the Parties hereto.

IN WITNESS WHEREOF UNION CHRISTIAN COLLEGE and IRMRA hereunto have executed this Memorandum of Understanding on the year and date first above written:

Signed by]

For and on behalf of]

INDIAN RUBBER MANUFACTURERS
RESEARCH ASSOCIATIONS (IRMRA)

DR. RAJKUMAR KASILINGAM
Director

] भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association
[Signature]
डॉ. के. राजकुमार / Dr. K. Rajkumar
निदेशक / Director

Witnessed by]

[NAME]]
[Designation]]

] *[Signature]*
]

Signed by]

For and on behalf of]

UNION CHRISHTIAN COLLEGE, ALUVA (_____)]

PRINCIPAL]

Witnessed by]

] *[Signature]*
Dr. M. I. Punnoose
Principal in Charge
U.C. College Aluva
]

] *[Signature]*
]

UNION CHRISTIAN COLLEGE
KERALA
INDIA
ALUVA



भारतीय रबड़ निर्माता अनुसंधान संघ

उद्योग संवर्धन और आंतरिक व्यापार विभाग के तहत स्वायत्त संस्थान, वाणिज्य और उद्योग मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that **Gopika Saseendran (Register No: 210021025537)** B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed her seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing her training we have found her to be very sincere and hardworking.

We wish all the best for her career.

भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

सुचिष्मिता साहू
Suchishmita Sahoo

वरिष्ठ सहायक निदेशक
Senior Assistant Director

Sr. Assistant Director, IRMRA



Recognized By	: Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
Accredited By	: NABL as per vide Certificate No. TC-7719
Recognized By	: Bureau of Indian Standards
Approved By	: Centre for Military Airworthiness & Certification (CEMILAC) Bangalor.
Accredited By	: Directorate General of Mines Safety (DGMS), Dhanbad.
Head Office	: Plot No. 254/1B, Road No. 16V, Wagle Industrial Estate, Thane (W) - 400 604. Ph.: 022-67873200 up to 249 (20 Lines) Telefax : 022-67873225 Email : info@irmra.org Website : www.irmra.org
Old Office	: 9, 99, Road No. 24/112, Wagle Industrial Estate, Thane-400 604



भारतीय रबड़ निर्माता अनुसंधान संघ

उद्योग संबर्धन और आंतरिक व्यापार विभाग के तहत स्वायत्त संस्थान, वाणिज्य और उद्योग मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that **Adithya Lalu (Register No : 210021025541)** B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed her seven days internship. The intership was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing her training we have found her to be very sincere and hardworking.

We wish all the best for her career.

भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

सुचिस्मिता साहू
Suchismita Sahoo
वरिष्ठ सहायक निदेशक
Senior Assistant Director

Sr. Assistant Director, IRMRA



Recognized By : Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
Accredited By : NABL as per vide Certificate No. TC-7719
Recognized By : Bureau of Indian Standards
Approved By : Centre for Military Airworthiness & Certification (CEMILAC) Bangalor.
Accredited By : Directorate General of Mines Safety (DGMS), Dhanbad.
Head Office : Plot No. 254/1B, Road No. 16V, Wagle Industrial Estate, Thane (W) - 400 604. Ph.: 022-67873200 up to 249 (20 Lines)
Telefax : 022-67873225 Email : info@irmra.org Website : www.irmra.org
Road No. 24/11-2, Wagle Industrial Estate, Thane-400 604.



भारतीय रबड़ निर्माता अनुसंधान संघ

उद्योग संवर्धन और आंतरिक व्यापार विभाग के तहत स्वायत्त संस्थान, वाणिज्य और उद्योग मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

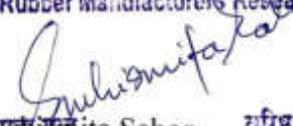
To whomsoever it may concern

This is to certify that **Aswin Kunjachan (Register No : 210021025532)** B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed his seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing his training we have found him to be very sincere and hardworking.

We wish him all the best for his career.

भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association


Suchismita Sahoo
Sr. Assistant Director, IRMRA

वरिष्ठ सहायक निदेशक
Senior Assistant Director



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Approved By	: Centre for Military Airworthiness & Certification (CEMILAC) Bangalor.
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Head Office	: Plot No. 254/1B, Road No. 16V, Wagle Industrial Estate, Thane (W) - 400 604. Ph.: 022-67873200 up to 249 (20 Lines) Telefax : 022-67873225 Email : info@irmra.org Website : www.irmra.org
Old Site	: R.R. Road No 24/11-2, Wagle Industrial Estate, Thane-400 604.



भारतीय रबड़ निर्माता अनुसंधान संघ

उद्योग संवर्धन और आंतरिक व्यापार विभाग के तहत स्वायत्त संस्थान, वाणिज्य और उद्योग मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that **Devika Santhosh (Register No : 210021025533)** B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed her seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing her training we have found her to be very sincere and hardworking.

We wish all the best for her career.

भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

सुचिसिमा साहू
Suchismita Sahoo

दरिष्ठ सहायक निदेशक
Senior Assistant Director

Sr.Assistant Director, IRMRA



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Accredited By	: NABL as per vide Certificate No. TC-7719
Recognized By	: Bureau of Indian Standards
Approved By	: Centre for Military Airworthiness & Certification (CEMILAC) Bangalor.
Accredited By	: Directorate General of Mines Safety (DGMS), Dhanbad.
Head Office	: Plot No. 254/1B, Road No. 16V, Wagle Industrial Estate, Thane (W) - 400 604. Ph.: 022-67873200 up to 249 (20 Lines) Telefax : 022-67873225 Email : info@irmra.org Website : www.irmra.org
Old Site	: B-88 Road No 24/11-2 Wagle Industrial Estate, Thane-400 604.



भारतीय रबड़ निर्माता अनुसंधान संघ

उद्योग संवर्धन और आंतरिक व्यापार विभाग के तहत स्वायत्त संस्थान, बाणिज्य और उद्योग मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that **Anumod C A (Register No : 210021025545)** B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed his seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing his training we have found him to be very sincere and hardworking.

We wish him all the best for his career.

भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

मुचिसिमा साहू
Suchismita Sahoo

वरिष्ठ सहायक निदेशक
Senior Assistant Director

Sr. Assistant Director, IRMRA



Recognized By	: Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
Accredited By	: NABL as per vide Certificate No. TC-7719
Recognized By	: Bureau of Indian Standards
Approved By	: Centre for Military Airworthiness & Certification (CEMILAC) Bangalor.
Accredited By	: Directorate General of Mines Safety (DGMS), Dhanbad.
Head Office	: Plot No. 254/1B, Road No. 16V, Wagle Industrial Estate, Thane (W) - 400 604. Ph.: 022-67873200 up to 249 (20 Lines) Telefax : 022-67873225 Email : info@irmra.org Website : www.irmra.org
Old Site	: B-28 Road No 74/11-2, Wagle Industrial Estate, Thane-400 604.





Report of the MoU with Indian Rubber Manufacturers Research Association (IRMRA), Maharashtra and Union Christian College (Department of Chemistry)

The MOU between Union Christian College, Department of Chemistry and Indian Rubber Manufacturers Research Association (IRMRA), was signed on 24th April 2023 for a period of three years. IRMRA is an autonomous body under The Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Government of India, New Delhi, is a premier research organization established in 1958 to serve Rubber and allied industries. IRMRA has state of art scientific and analytical instruments and is fully equipped with facilities for design and development, validation and testing of rubber and allied materials. This MOU was signed with the objective of furthering academic collaboration and research between the two parties. The proposed objective includes internship program and industrial visits of students, joint training programs etc.

Report and Proof of the activity

As part of the MOU, five students have so far done internship at IRMRA for seven days, from 08/05/2023 to 16/05/2023 where they received exposure to state of art technology and expertise of professional scientists. As proof, the certificates of internship as well as a photo is attached.





भारतीय रबर निर्माता अनुसंधान संघ

बर्हान संसर्धर अरर आंगरररर आरररर ररररर के रररर ररररर संसंधान, ररररर अरर आररर ररररर, रररर ररररर

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DRI, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that Adithya Lulu (Register No ; 210021025541) B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed her seven days internship. The intership was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing her training we have found her to be very sincere and hardworking.

We wish all the best for her career.

भारतीय रबर निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

सुचरररर ररर
Suchamita Saha

Sr. Assistant Director, IRMRA

वरर ररररर ररररर
Senior Assistant Director



Recognized By
Accredited By

Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
NABL as per vide Certificate No. TC-7135



भारतीय रबर निराला अनुसंधान संघ

उद्योग संवर्धन और औद्योगिक व्यापार विभाग के तहत स्वायत्त संस्थान, उल्लिख्य और पर्यटन मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that **Aswin Kunjachan** (Register No : 210021025532) B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed his seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing his training we have found him to be very sincere and hardworking.

We wish him all the best for his career.

भारतीय रबर निराला अनुसंधान संघ
Indian Rubber Manufacturers Research Association

सुचिरिता साहू
Suchirita Sahoo

परिच सहायक निदेशक
Senior Assistant Director

Senior Assistant Director, IRMRA



Recognized by - Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
Certified by - NABL as per Vids Certificate No. TC-7719
Organized by - Bureau of Indian Standards



भारतीय रबर निर्माता अनुसंधान संघ

प्रयोग संशोधन और औद्योगिक व्यापार विभाग के तहत स्वतंत्र संस्थान, वाणिज्य और उद्योग मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that Devika Santhosh (Register No : 210021025533) B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed her seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing her training we have found her to be very sincere and hardworking.

We wish all the best for her career.

भारतीय रबर निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

सुचिता सहो
Suchita Sahoo

सीनियर सहायक निदेशक
Senior Assistant Director

Sr. Assistant Director, IRMRA



Recognized by
Accredited by

1. Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
2. NAAC as per wide Certificate No. TC-7719



भारतीय रबर निर्माता अनुसंधान संघ

उद्योग संशोधन और अंतरिक्ष प्रयोग के लिए स्वयंसेवा संस्थान, रातिगुड और चण्डीन मंत्रालय, भारत सरकार

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

An Autonomous Institute under CPET, Ministry of Commerce & Industry, Govt. of India

Date: 06/06/2023

To whomsoever it may concern

This is to certify that Anumod C A (Register No : 210021025545) B.Sc Chemistry student of Department of Chemistry, Union Christian College, Aluva has successfully completed his seven days internship. The training was carried out at Indian Rubber Manufacturers and Research Association (IRMRA), Thane during May 8th to May 16th 2023.

While completing his training we have found him to be very sincere and hardworking.

We wish him all the best for his career.

भारतीय रबर निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association


महोदय सुचिसमिता सहो
Suchismita Sahoo
प्राथमिक सहायक निदेशक
Senior Assistant Director
Sr. Assistant Director, IRMRA



Recognized By : Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi.
Certified By : NABL as per vide Certificate No. TC-7720
Recognized By : Bureau of Indian Standards
Approved By : Bureau for Efficiency & Accreditation & Certification (BEAC) 21% Mumbai



Outcome of the activity

Five students who attended the internship program received training and exposure from a nationally reputed research organization. They got firsthand knowledge on the design, validation and testing of rubber and allied materials.

**Union Christian College, Aluva
MoU with Kerala Hindi Prachar Sabha**



കേരളം കേരल KERALA

MEMORANDUM OF UNDERSTANDING

EA 136216

BETWEEN

KERALA HINDI PRACHAR SABHA
(ERNAKULAM SUB CENTRE)

KERALA, INDIA

AND

UNION CHRISTIAN COLLEGE
ALUVA, INDIA

The Memorandum of Understanding is drawn up and agreed upon to establish co-operation between Kerala Hindi Prachar Sabha (Ernakulam Sub Centre) hereafter to be referred as KHPS and Union Christian College as UCC.

Kerala Hindi Prachar Sabha is the only independent voluntary organization of Kerala affiliated to the Akhil Bharatiya Hindi Sanstha Sangh, New Delhi set up by the Ministry of Human Resource Development, Government of India. Inspired by the call of Mahatma Gandhi, the late Sahityaretnam K.Vasudevan Pillai, a devoted social worker and Hindi scholar of Kerala founded the Kerala Hindi Prachar

1285, 2014/2023 1001
PRINAPAK
UC COLLEGE
ALUVA-2



Sabha in 1934. The Sabha has its headquarters in Thiruvananthapuram with five Regional offices functioning in the main cities of Kerala. The Sabha is publishing a monthly Hindi Magazine entitled 'Keral Jyoti' since 1966 focusing on the culture & literature of Kerala. With the assistance of NUEPA, New Delhi the Sabha has published 12 Hindi books in its own Printing Press. Indira Gandhi Open University, New Delhi has recognised Sabha as one of its study centre. In short, Kerala Hindi Prachar Sabha has been actively engaged in the propagation of Hindi in the state thereby strengthening the national integration through Language and Culture.

Union Christian College, founded in 1921 is affiliated to Mahatma Gandhi University, Kottayam. The founders of the College – Prof. K.C. Chacko, Prof. C.P.Mathew, Prof. V.M.Ittiyerah and Prof. A.M.Varki – were graduates of the Madras Christian College and they increasingly felt the need to establish a College in Travancore on the lines of their alma mater, but with a commitment to ideals of Christian Ecumenism and national reconstruction. In 1925, Gandhi ji visited the College on his way to Vaikom Satyagraha and wrote in the visitor's diary of the college: "Delighted with the ideal situation " Rabindranath Tagore visited in 1922 and remarked about the striking resemblance of the college with his own institution, Visva Bharathi in Shantinikethan. The College was elevated as a first grade college under University of Madras in 1923 and it is the first non – government college in Kerala to achieve that status. Today , the College consists of about 2200 students enrolled in 15 graduate and 14 post graduate courses in diverse disciplines and also have Eight Research Centres recognized by the University. It is one of the two colleges that went in for the first cycle of NAAC accreditation. The College has completed the Fourth cycle of accreditation in 2017 with an A Grade.

Department of Hindi, UCC – The Department of Hindi came into existence in 1944. From the pioneer Dr. M.E.Viswanathan Iyer, the department has come a long way. Great literary scholars such as Prof. Raman Nair, Prof. P.K.Narayana Menon, Dr. D. Johnson, Prof. P.C.Koshy , Prof. Anilkumar Uttam , Prof. Usharani and Dr. V.P.Sheela add to the succession list of the department. The faculty members who took charge from 07.03.2011 are Dr. R.S.Radhika and Dr. Ruby Elsa Jacob.

This academic programme will start from 2023 and it will continue in future on basis of first five years fruitful work by both institutions under MoU. The two parties

recognize human resource development and institutional capacity building as the basis of mutually beneficial co-operative programme, hereinafter referred to as the programme. This memorandum is establishing in the year 2023 for Five years.

ARTICLE I: OBJECTIVES OF THE PROGRAMME

The objectives of the programme are to provide opportunities for the students of KHPS and UCC in Hindi language, Literature and Skill based education, promote institutional linkage between KHPS and UCC and to explore other avenues for possible purposeful collaboration.

ARTICLE II: SCOPE OF THE PROGRAMME

The programme is initially for Five years which plans to provide collaborative co-operation through:

- Collaborative programs in specific areas of interest – KHPS and UCC will jointly identify specific fields to conduct collaborative research programmes of mutual interest and benefit.
- Faculty Exchange Program – will be explored and conducted accordingly which will be mutually beneficial to both parties.
- Any other form of co-operation that may be agreed upon between KHPS and UCC.

ARTICLE III: DURATION OF THE PROGRAMME

This memorandum will be effective from the date of signing by both the parties upto a period of next Five years. If this MoU is to be terminated without causes, a three months prior notice should be sent by either of the parties as applicable. This MoU may be renewed by mutual consent of both the institutions by written agreement.

ARTICLE IV: SPECIAL PROVISION

- Both parties shall exchange useful information on each other's educational and training programmes and such other activities.
- Both parties shall do their utmost to ensure the smooth and efficient implementation of the programme.

-
- Both parties shall exert best effort to be available for mutual consultation and shall be prepared to provide necessary information whenever reasonably requested.
 - Any amendment to this Memorandum of Understanding shall be made in writing and mutually agreed upon.
 - All disputes arising in connection with the interpretation or application of this Memorandum of Understanding shall be settled amicably through mutual negotiation.
 - The two parties will maintain efficient communication in order to ensure effective implementation of the programme.
 - This Memorandum of Understanding shall be governed by and constructed in accordance with laws of the UNION OF INDIA.

Terms of Memorandum:

Both the parties agree to carry out the above mentioned activities in accordance with law and regulations of respective institutions after full consultation and approvals. The parties acknowledge that this Memorandum of Understanding does not in any way give rise to any right or permission to use or to be associated with each party's intellectual property.

Confidentiality:

Each party shall undertake to observe the secrecy of confidential information received from or supplied to the other party during the research activities conducted within the period of implementation of this Memorandum of Understanding or agreement made pursuant to this Memorandum of Understanding.

For the purpose of Memorandum of Understanding , " Confidential information " means any information whether prior to or hereinafter disclosed by a party (the receiving party) of this Memorandum of Understanding involving technical , business , marketing , policy , know – how , planning project management and other information , data / solution in any form.

All information known or received by a party to the other party to this Memorandum of Understanding will be kept as confidential and will not be disclosed to any third person.

Settlement of Dispute:

Any difference or dispute between the parties concerning the interpretation and / or application of any of the provisions of this Memorandum of Understanding shall first be settled amicably through mutual consultation and / or negotiations between the parties. Those which cannot be fully and satisfactorily resolved or settled by the parties shall be referred to the Higher Authorities of both the parties.

Revision, Variation and Amendment:

Either party may request in writing a revision, variation or amendment of this Memorandum of Understanding. Any such revision, variation or amendment agreed to by parties shall be in writing and shall form part of this Memorandum of Understanding. Such revision, variation or amendment shall come into force on such date as may be determined by parties.

Supervising Events:

Each party reserves the right for reason of national security, national interests, public order or public health to suspend temporarily, either in whole in part the implementation of this Memorandum of Understanding. The suspension shall take effect immediately after notification has been given to the other party. Any other event which may occur, hinders or restricts the implementation of this Memorandum of Understanding, the parties shall use their best endeavour to agree upon such action, as may be necessary and equitable, to remove the causes of such event.

The related parties shall be responsible for the expenses for the faculty and the students about collaborative activities under these MoU themselves.

PLAN:

- There will be assistance for teaching Hindi Language, Literature, Language Technology, Translation, Comparative Studies between KHPS and UCC.
- There will be plan for conducting Seminars, Workshop, and Training Sessions for the students.

This academic exchange programme will continue in future.

- This Memorandum of Understanding will be for Five years from signing date / year of MoU. Academic activities will be for Five years i.e. From 2023 – 2028.

This Memorandum of Understanding is prepared in two identical copies ; each party will hold One original copy duly signed by The Principal , UCC and Jayalakshmi Sunilkumar, Principal, Kendriya Hindi Maha Vidhyalayam, Ernakulam Sub Centre, KHPS).

Signed on 25.04.2023 at Union Christian College, Aluva.

For and on behalf of the
Union Christian College, Aluva

For and on behalf of the
Kerala Hindi Prachar Sabha

Dr. M.I. Punnoose
Principal
Union Christian College
Aluva

Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva



Jayalakshmi
Jayalakshmi Sunilkumar
Principal
Kendriya Hindi Maha Vidhyalayam
Kerala Hindi Prachar Sabha
Ernakulam Sub Centre

जयलक्ष्मी पी. एस.
प्रधानी
केन्द्रीय हिंदी महाविद्यालय, अर्नाकुलम
अर्नाकुलम पी.ओ., एरनाकुलम जिला
पिन - 682 444 (केरल)



Dr. Ruby Elsa Jacob
Head of the Department
(Hindi)
Union Christian College, Aluva



A Talk on Language – Learning in educational institutions on the outset of the NEP

Department : Hindi Date : 29.05.2023 Time : 10 AM

Duration : 1.5 Hrs. Venue : History Seminar Hall

Resource Person : Mr . K N Sunil Kumar

Instructor & Mentor ; Block Resource Centre ; Kodungallor

Report :

Assessing the impact on language education and its relevance in shaping well – rounded individuals by understanding the key principles and goals outlined in the NEP were the objectives of the talk .

The National Education Policy [NEP] is a significant milestone in India’s education system aiming to transform the landscape of teaching and learning. The talk focuses on the aspect of language learning in educational institutions and explores the implications of NEP on this crucial area.

The NEP emphasizes the promotion of multilingualism as a fundamental aspect of education. By recognising the rich linguistic diversity of India , the NEP aims to preserve and nurture regional languages while ensuring proficiency in Hindi and English. The NEP encourages a holistic approach to language education , moving beyond rote memorization and focusing on communication , critical thinking and creative expression .

In the discussion which followed students expressed that promoting regional languages helps to preserve cultural heritage which fosters a sense of identity and strengthens bonds within communities . Learning multiple languages enhances cognitive abilities such as critical thinking , problem solving and creativity .

By implementing NEP’s principles in language education , educational institutions can shape well – rounded individuals who are proficient in multiple languages appreciative of diverse cultures and equipped with the necessary skills for effective communication in the globalized world.



UNION CHRISTIAN COLLEGE, ALUVA
ESTD IN 1921

INVITED TALK ON
LANGUAGE-LEARNING IN
EDUCATIONAL INSTITUTIONS
ON THE OUTSET OF NEP
(विद्या संस्थानों में भाषा अध्यापन - नई शिक्षा नीति के संदर्भ में)

(RESOURCE PERSON)
K N SUNIL KUMAR
Instructor & Mentor
Block Resource Centre Kodungalloor
(Former Principal, Kendriya Hindi
Mahavidhyalay, Alangad, Ernakulam)

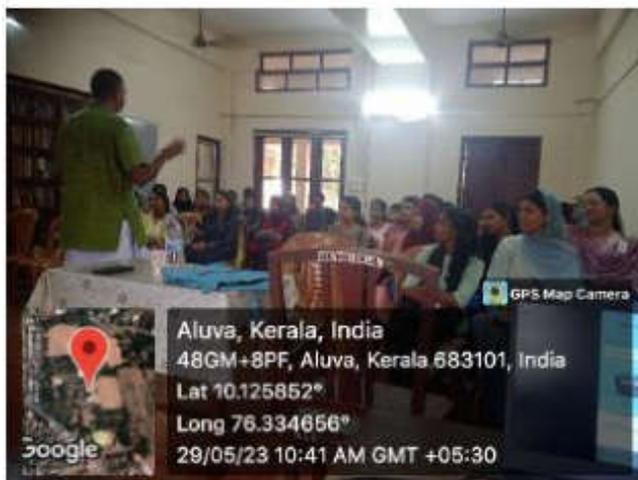
📅 29 MAY 2023
🕒 10.00 AM
📍 HISTORY SEMINAR HALL

Jointly Organised by
Department of Hindi, Ashrayana Club
& IQAC

DR. RUBY ELSA JACOB
DR. R S RADHIKA
FACULTY COORDINATORS

DR. MANJU M GEORGE
IQAC CO ORDINATOR

DR. M I PUNNOOSE
PRINCIPAL



Department of Commerce MoU with LBS Centre



കേരളം കേരल KERALA

DW 824018

AGREEMENT

The agreement made on this 21-08-23, Mon 2023) between the Director, LBS Centre for Science & Technology (The first party, hereinafter referred to as LBS Centre) on one part and the Principal, Union Christian College, Aluva (hereinafter referred to as second party) on the other part.

We mutually agree as follows:

Whereas the second party has entrusted the LBS Centre with the conduct of Short term Computer Course on **Special Training Programme on Computerised Financial Accounting using Tally with GST & MS Office** with the following terms and conditions.

- 1) Syllabus should be the approved LBS Syllabus for the course
- 2) The course will be conducted at the premises of second party using their own Lab facilities.
- 3) Overall course duration will be 90 hours.
- 4) A Minimum of 30 students should be there in each batch.



No. 15604 Rs. 100 14/5/23
Director LBS Centre Trivandrum

V. R. Baena, Stamp Vendor, Perumbavoor





കേരളം KERALA

DW 824017

- 5) An amount of Rs.3000/- + 18% GST per student will be collected and remitted to LBS Centre by the second party.
- 6) No expenses will be incurred from the part of LBS Centre, for the conduct of the course and examination.
- 7) End examination including theory and practical will be conducted by the LBS Centre

Whereas the second party will be paying the course fee within 15 days to 30 days after the commencement of the course along with the list of candidates and all relevant documents to LBS Centre. The period of this agreement shall be one year from the date of this agreement.

Both the parties unconditionally agree and consent that in case any dispute arises in respect of the agreement the same shall be resolved through adjudication by a team constituted for the purpose by both parties.

Signed and delivered by

Principal Dr. M. I. Pannoose
Union Christian College,
Aluva-683102

Director
LBS Centre for Science & Technology,
Nandavanam, Palayam,
Thiruvananthapuram-695033

Date:

Date:



No. 15603 Rs. 100 14/8/23

Director LBS Centre

Thiruvananthapuram
V.R. Beena, Stamp Vendor, Perumbavoor



DIRECTOR
LBS CENTRE FOR
SCIENCE AND TECHNOLOGY
THIRUVANANTHAPURAM PIN : 695 033



Department of Commerce

MoU with LBS Centre for Science and Technology

Report

The MoU was signed on 21 August 2023 to provide the students with a course on special training program on computerized financial accounting using Tally with GST & MS Office. Furthermore, this agreement brings with an additional benefit of a license in tally being issued for the college. Overall course duration will be 90 hrs. The main objectives are to impart knowledge regarding concepts of Financial Accounting, to know more about company accounts and documentation, to facilitate training on GST related accounting practices and to get placements in companies and accounting firms.

Activity

Tally ERP class to first year B. Com students was started on 25th September 2023. Classes were conducted by the faculty from LBS center.





Outcome of the Activity

The course helped the students to impart clear knowledge regarding concepts of accounting and GST practices. It also facilitates students with placements in different offices as well as companies in accounts departments.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



Union Christian College, Aluva

&



**Cottolengo Educational and
Charitable Society**

FOR

Mutual Associateship for CSR and Research Activities



കേരളം കേരള KERALA

CL 13552

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the twentieth day of February, Two Thousand and Twenty Three (20/02/2023), by and between

Union Christian College, Aluva, Kerala, the First Party represented herein by its Principal (hereinafter referred as 'First Party', the institution which expression, unless excluded by or Repugnant to the subject or context shall include its successors – in-office, administrators and assigns) on the First Part;

AND

Cottolengo Educational and Charitable Society, North Paravur, Kerala (First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

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17/2/23

Principal U.C. College

Aluva

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നോട്ടീയറിയുടെ സാക്ഷ്യം



കേരളം കേരल KERALA

CL 13553

WHEREAS:

- A) First Party is a **Higher Educational Institution** affiliated to Mahatma Gandhi University, Kottayam, Kerala named **Union Christian College, Aluva**
- B) The Second Party is **Cottolengo Educational and Charitable Society (CECS)**, is a Non Governmental Charitable and Educational Organization engaged in providing Rehabilitation and mental healthcare for intellectually challenged people in the community.
- C) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- D) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- E) Both Parties, being legal entities in themselves desire to sign this MoU for advancing their mutual interests.

42355 - 17/12/23

Principal U.C. College

Aluva - 02



കേരളം കേരल KERALA

CL 913554

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MoU, THE PARTIES HERE TO AGREE AS FOLLOWS:

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 Both Parties co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of Second Party providing significant inputs to them in developing suitable teaching / training systems to the First Party.
- 1.3 The First party shall provide the service of the suitable trained students as per their availability without any consideration, for the CSR activities of the Second Party as and when requested by the Second party.

42356 19/2/23

Principal U.C. College

Alwa-02



കേരളം കേരള KERALA

CL 913554

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MoU, THE PARTIES HERE TO AGREE AS FOLLOWS:

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 Both Parties co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of Second Party providing significant inputs to them in developing suitable teaching / training systems to the First Party.
- 1.3 The First party shall provide the service of the suitable trained students as per their availability without any consideration, for the CSR activities of the Second Party as and when requested by the Second party.

42356 19/2/23

Principal U.C. College

Aluva - 02



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1.4 The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant **agreements, deeds** and documents (the 'Definitive Documents') as may be required to **give effect** to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2

SCOPE OF THE MoU

2.1 The budding graduates from the institutions could play a key role in enhancing the efficiency of the organization. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

നമ്പർ 42357 തീയതി 17/01/23

Principal V.L. College

Alwa

Handwritten signature

- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in implementing community outreach programs on imparting awareness, identification and intervention to enhance mental health of the community, which lead to skill enhancement in students.
- 2.3 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party for community outreach.
- 2.4 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein.
- 2.5 There is no financial commitment on the part of the Union Christian College, to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.
- 2.6 The First party will provide necessary arrangements for the Second party to implement the aforesaid programs in the First Party's institution and will cooperate with Second party in their efforts to implement in the community.

CLAUSE 3

INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MoU shall, by express grant, implication, Estoppels or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4

VALIDITY AND TERMINATION

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period Cottolengo Educational and Charitable Society (CECS) the Second Party, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU.
- 4.2 Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

CLAUSE 5
RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that **First Party and Second Party** are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

CLAUSE 6
CONFIDENTIALITY

- 6.1 Any confidential information received by either party under this MoU from the other party (**Disclosing Party**) during the performance of the terms of the MoU shall be construed as confidential information and such information shall be treated as confidential by the receiving party.
- 6.2 Any confidential information received during the course of this MoU shall be returned to the disclosing party by the receiving party upon termination of this MoU.

CLAUSE 7
DISPUTE RESOLUTION AND JURISDICTION

7. Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration before a sole arbitrator appointed mutually by the parties and shall be conducted as per the provisions of the Arbitration and Conciliation Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Ernakulam only.

**CLAUSE 8
AMENDMENTS**

8. Any amendment or other modification of this MoU shall be effective only if it is in writing and signed by the authorized representatives of the both the parties based on mutual discussions.

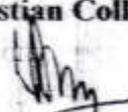
**ARTICLE 9
NOTICES**

9. All notices required or desired to be given hereunder will be in writing and can either be delivered personally or be sent by electronic communication (with a copy by ordinary mail) or by registered or certified mail to the registered address of the parties mentioned below. If sent by electronic communication, notices will be deemed to have been given on the same day on which the notice is sent. If notice is sent by registered or certified mail or is delivered personally, it shall be deemed to have been given on the day on which the notice is received.

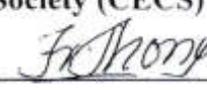
IN WITNESSES WHEREOF, the parties have agreed to the terms mentioned above and have set their hands hereunto on the 20th day of February, 2023.

For **Union Christian College, Aluva**

For **Cottolengo Educational and Charitable Society (CECS)**



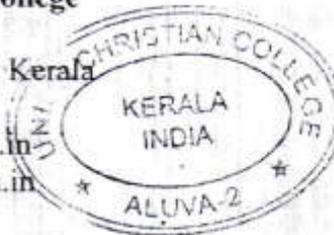
Dr. M. I. Pannoose
Principal in Charge
U. C. College Aluva



Authorized Signatory

Authorized Signatory

Union Christian College
Aluva – 683 102
Ernakulam District, Kerala
Ph. 0484 2609194
ucc@uccollege.edu.in
www.uccollege.edu.in



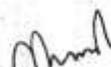
Cottolengo Educational and Charitable Society (CECS)

President, CECS, Mannam P.O. North, Paravur
Ph: 8848654990
Email: ceecnbr@gmail.com



Witness 1: 

Witness 3: 

Witness 2: 

Witness 4: 



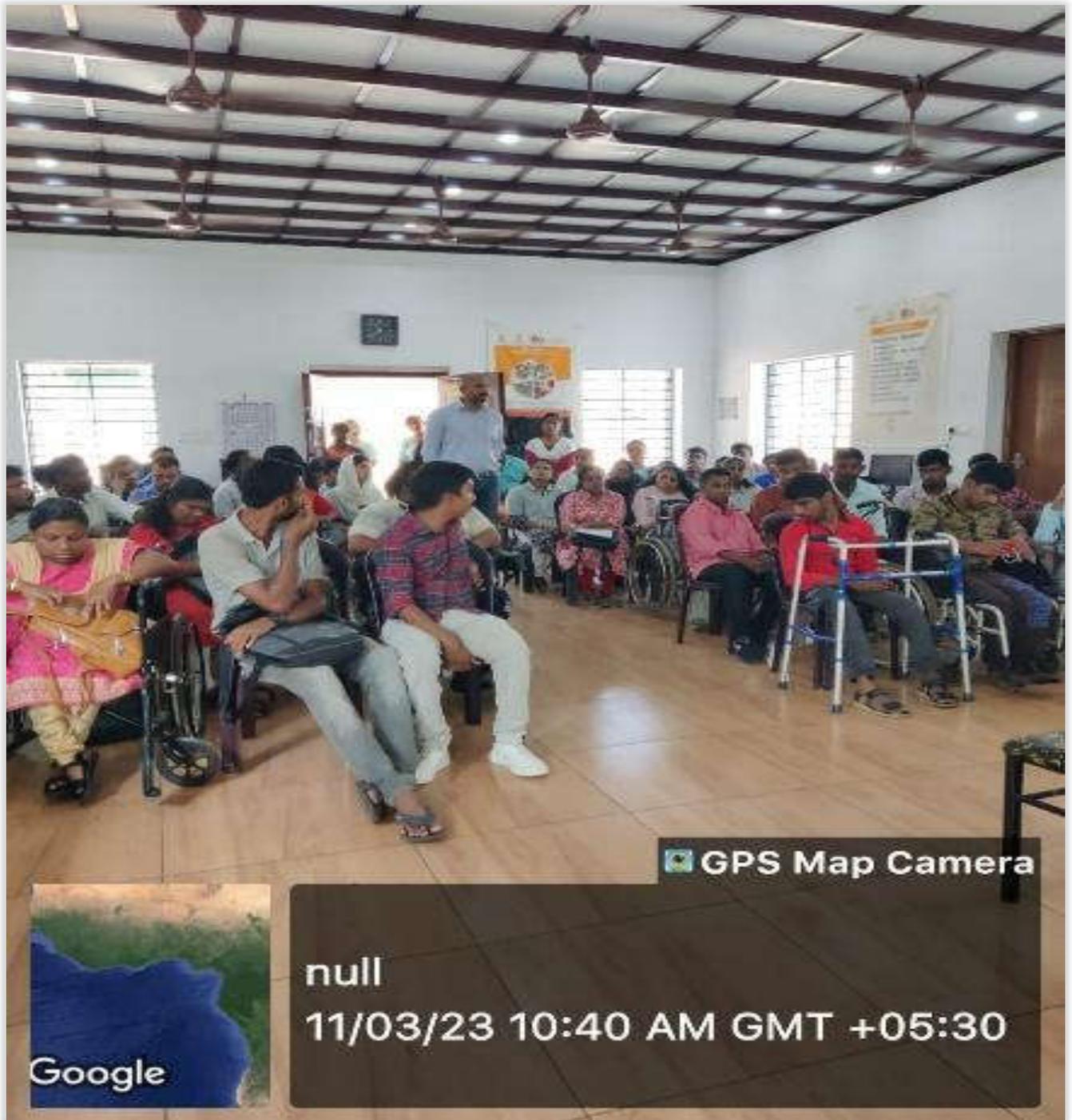
Report of the MOU with Cottolengo Educational and Charitable Society and Union Christian College, Aluva (Psychology Department)

The MOU between Union Christian College, Department of Psychology and Cottolengo Educational and Charitable Society was signed on 17 /2/2023 for a period of 1 year.

Activity and Proof

In collaboration with Cottolengo Educational Institution, UG and PG students of Psychology Department volunteered for the Job fair and the convocation ceremony for persons with disabilities. 5 M.Sc. students and 6 BSc students of our department participated in the Job fair on 11th March 2023 at 10:00 am. 7 BSc Students participated in the Convocation Ceremony on 18th April 2023 at 10:00 am.





Outcome of the activity

PG & UG students were actively associated with the Job Fair program intended to provide opportunities for the candidates with locomotor disabilities.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Union Christian College, Aluva

&

Athma-My Mind My Care, Kollam

FOR

Mutual Associateship for Extension Activities



കേരളം കേരള KERALA

CL 913548

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the Twentieth day of February, Two Thousand and Twenty Three (20/02/2023), by and between

Union Christian College, Aluva, the First Party represented herein by its Principal (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns) on the First Part;

AND

Athma-My Mind My Care, is a centre for Holistic Wellbeing & Counselling, having its registered address at Charuvila Grace Home, Mylom P. O. Kottarakkara– 691560, Kollam, represented by Dr.Sijiya S, Chairperson, Athma-My Mind My Care, (hereinafter referred to as 'Second Party', company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns) on the Second Party.

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

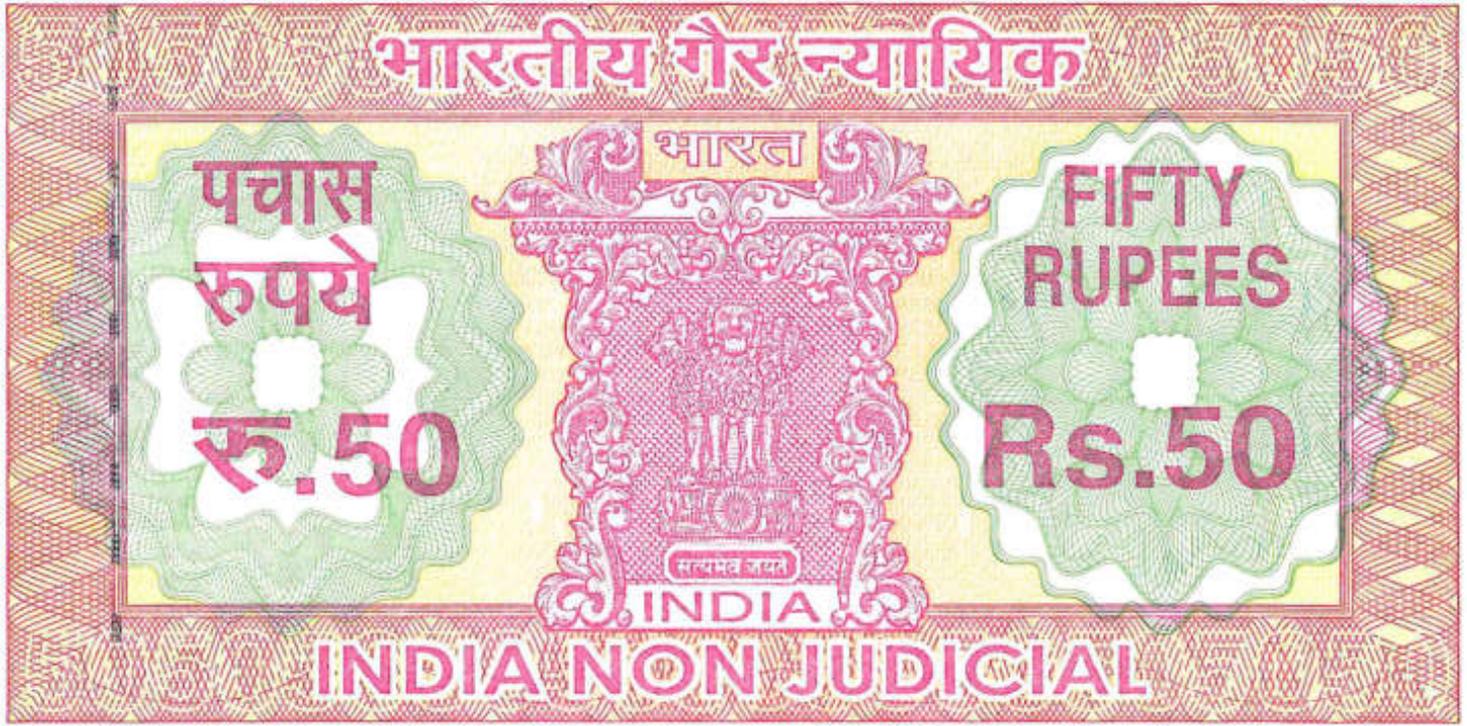
നമ്പർ 42350 തീയതി 17/02/23 രൂപ

Principal U.C.College

Aluva, A.

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WHEREAS:

- A) First Party is a Higher Educational Institution named **UNION CHRISTIAN COLLEGE, ALUVA**
- B) Athma-My Mind My Care, the Second Party herein is engaged in providing Mental Health services for holistic care and wellbeing with international standards to the general public.
- C) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- D) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- E) Both Parties, being legal entities in themselves desire to sign this MoU for advancing their mutual interests.

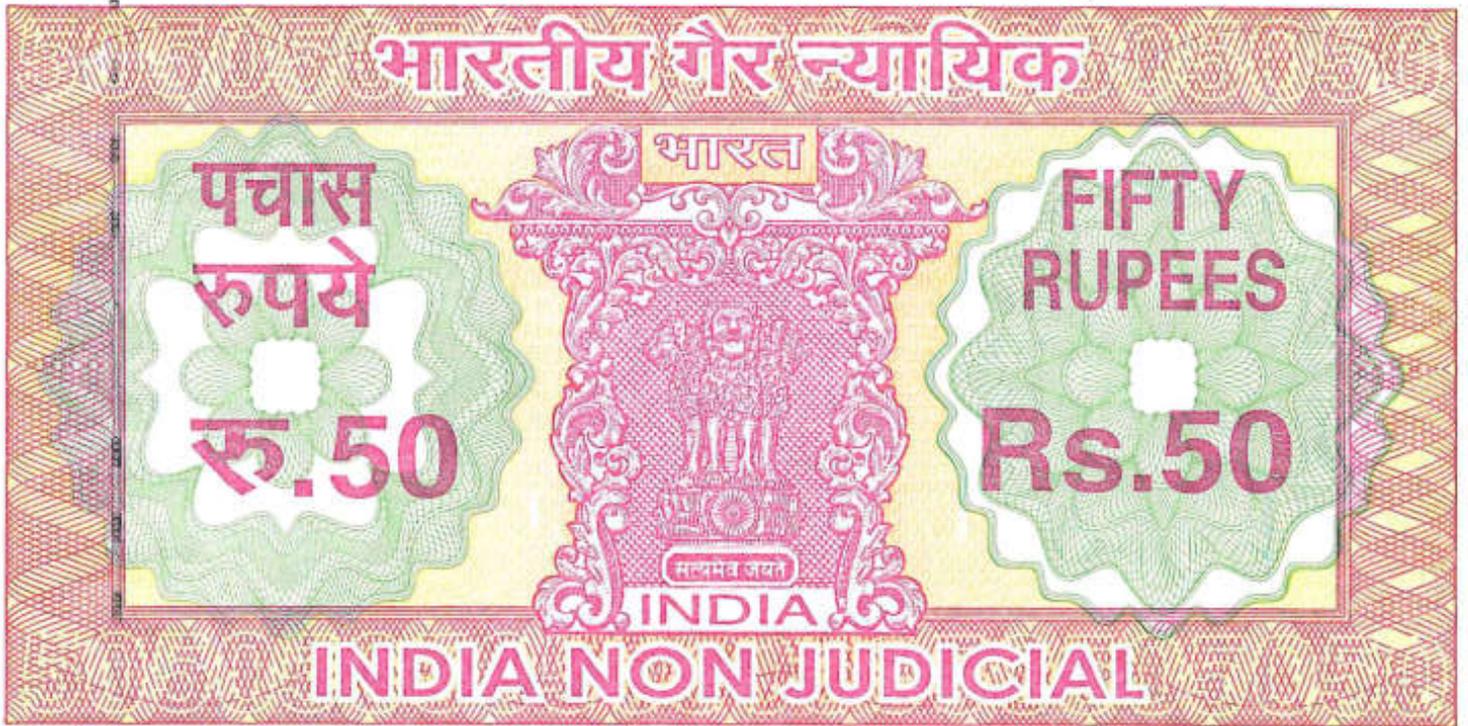
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Principal U.C. College

Aluva-02

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കേരളം കേരള KERALA

CL 913550

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MoU, THE PARTIES HERE TO AGREE AS FOLLOWS:

ARTICLE 1- CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 Both Parties co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of Second Party providing significant inputs to them in developing suitable teaching / training systems to the First Party.
- 1.3 The First party shall provide the service of the suitable trained students as per their availability without any consideration, for the extension activities of the Second Party as and when requested by the Second party.

നമ്പർ 42352 തീയതി 17/2/23 രൂപ
 Principal V.C.College
 Aluva-O.A.

രജനി വി. കെ.
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കേരളം കേരള KERALA

CL 913551

1.4 The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

ARTICLE 2 - SCOPE OF THE MoU

2.1 The budding graduates from the institutions could play a key role in enhancing the efficiency of the organization. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge. Well performing students can get job opportunities and will be included in the recruitment process of the second party.

നമ്പർ 42353 തീയതി 17/01/23 രൂപ
Principal V.C.College
Aluva-02



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- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in implementing community outreach programs on imparting awareness, identification and intervention to enhance mental health of the community, which lead to skill enhancement in students.
- 2.3 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party for community outreach.
- 2.4 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.5 There is no financial commitment on the part of the **Union Christian College**, to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.
- 2.6 The First party will provide necessary arrangements for the Second party to implement the aforesaid programs in the First Party's institution and will cooperate with Second party in their efforts to implement in the community.

ARTICLE 3 - INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MoU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

ARTICLE 4 - VALIDITY AND TERMINATION

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **Athma My Mind My Care** the Second Party, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU
- 4.2 Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

ARTICLE 5 - RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other

Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

ARTICLE 6 - CONFIDENTIALITY

- 6.1 Any confidential information received by either party under this MoU from the other party (Disclosing Party) during the performance of the terms of the MoU shall be construed as confidential information and such information shall be treated as confidential by the receiving party.
- 6.2 Any confidential information received during the course of this MoU shall be returned to the disclosing party by the receiving party upon termination of this MoU.

ARTICLE 7 - DISPUTE RESOLUTION AND JURISDICTION

7. Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration before a sole arbitrator appointed mutually by the parties and shall be conducted as per the provisions of the Arbitration and Conciliation Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Ernakulam only.

ARTICLE 8 - AMENDMENTS

8. Any amendment or other modification of this MoU shall be effective only if it is in writing and signed by the authorized representatives of the both the parties based on mutual discussions.

ARTICLE 9-NOTICES

9. All notices required or desired to be given hereunder will be in writing and can either be delivered personally or be sent by electronic communication (with a copy by ordinary mail) or by registered or certified mail to the registered address of the parties mentioned below. If sent by electronic communication, notices will be deemed to have been given on the same day on which the notice is sent. If notice is sent by registered or certified mail or is delivered personally, it shall be deemed to have been given on the day on which the notice is received.

IN WITNESSES WHEREOF, the parties have agreed to the terms mentioned above and have set their hands hereunto on the day of February, 2023.

For **Union Christian College, Aluva**

For **Athma-My Mind My Care**


Authorized Signatory


Authorized Signatory

Union Christian College

Athma-My Mind My Care

Aluva-683102

Charuvila Grace Home, Mylom P. O,

Ernakulam District, Kerala

Kottarakkara-691560, Kollam, Kerala.

Ph. 0484 2609194

Ph: 8129333114

Email: ucc@uccollege.edu.in

Email: info@mymindmycare.com

Website: www.uccollege.edu.in

Website: www.mymindmycare.com

Witness 1:


Dr. Vidhya Ravindranathan

Witness 2:


Dr. Sema M. Mathai

Witness 3:


Dr. Sreya Sebastian

Witness 4:


Bime John



Report of the MOU with Athma -My Mind My Care Kollam and Union Christian College, Aluva (Psychology Department)

The MOU between Union Christian College, Department of Psychology and Athma-My Mind My Care was signed on 20/2/ 2023 for a period of 1 year.

Activity and Proof



Outcome of the Activity

Research & PG department of Psychology conducted Dr.V. K. Alexander National seminar on 15th & 16th March,2023 in Association with Athma-my mind My Care after signing MOU

- II. Promoting planned development as envisaged in the Plans for the development authority area, through tools like Transfer of Development Rights, accommodation reservation etc.;
- III. Setup special function agencies, if required, and guide, direct and assist them on matters pertaining to their respective functions;
- IV. Coordination of implementation of Plans under this Act in the Development Authority area;
- V. Perform such other functions as are supplemental, incidental or consequential to items (I) to (III) above or as may be directed by the Government, the District Planning Committee or the Metropolitan Planning Committee, as the case may be, from time to time.

Union Christian College, Aluva, Kerala, India is committed to the following objectives:

The Union Christian College, extending God's love to all, is committed to providing such education that facilitates the growth of the whole person and brings out the best in him or her that they would serve our nation and humanity at large and the ecosystem, as intellectually competent, morally upright and spiritually inspired persons.

Goals & Objectives

The Vision and Mission of the College are well aligned with the objectives of the higher education policy of the nation. The goals and objectives of the College are four-fold; academic goals, social goals, character building and value orientation. The College commits itself to the promotion of justice and peace, preservation and enhancement of the integrity of creation, fostering of a wholesome simple life style combating the ill-effects of corruption, powerlessness of the marginalized, violence and criminalization. Empowering the powerless, particularly the tribals, dalits, women and other vulnerable sections of the society form a significant part of this commitment. It seeks to nurture probity in public life and to promote national integration.

"Department of Physical Education is consistent with the college mission in its commitment to help the students to build a healthy and sportive life through holistic approach of harmonious blend of body, mind and spirit".


GCDA

Scope of the MoU

GCDA and Union Christian College, Department of Physical Education, Department of Statistics and Department of Economics intends to work together to;

- Jointly prepare the 'Sports Master Plan' for GCDA region
- Partnering for action research on mutually agreed themes
- Jointly identify the Specific Sporting facilities required in a particular region
- Bachelor of Sports Management Students under the Department of Physical Education, Union Christian College, Aluva, will support GCDA in this mega project.

GCDA as well as Department of Physical Education, Union Christian College, Aluva may individually or jointly identify opportunities to collaborate, broadly in line with the activities mentioned above. Based on the nature of opportunity GCDA and Union Christian College, Aluva will identify specific roles and responsibilities each of them can accomplish after mutual agreement. For engagement on joint initiatives, separate project specific agreements and budgets will be mutually agreed upon by both parties where in relevant fee, timelines, milestones, and scope of engagement will be drafted.

Both the parties will design a key point of contact and a secondary point of contact from their end—

With whom communications will be taken upon a regular basis.

Both the parties are committed to maintaining a constructive and cooperative working relationship.

Each specific programme and activity that is implemented under terms of this MOU shall be mutually discussed by both parties.

Period of the MoU

The total period of the MoU will be for three years from the date of signing of the agreement.

Confidentiality and intellectual and other Propriety Rights

All reports, notes, statistics, soft copies, designs, drawing, GIS files, working papers and other documents and data or any software developed under this MoU shall be jointly owned by GCDA as well as Union Christian College, Aluva or as mutually agreed.



WATERLOO
GCDA

Termination

Either party can wish to terminate this agreement by issuing a notice of one month to the other party and on mutual agreement of both the parties.

Arbitration

Any dispute between the parties may be amicably settled between the parties and the decisions taken by Executive Committee of GCDA in such matters may be legally binding on both parties.

Authorised Signatory

Secretary
GCDA
Secretary
GCDA



Principal

Union Christian College, Aluva

Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva



Witness:

1. SUBHASHA TOURN PLANNER
2. Dr. Bindu.M



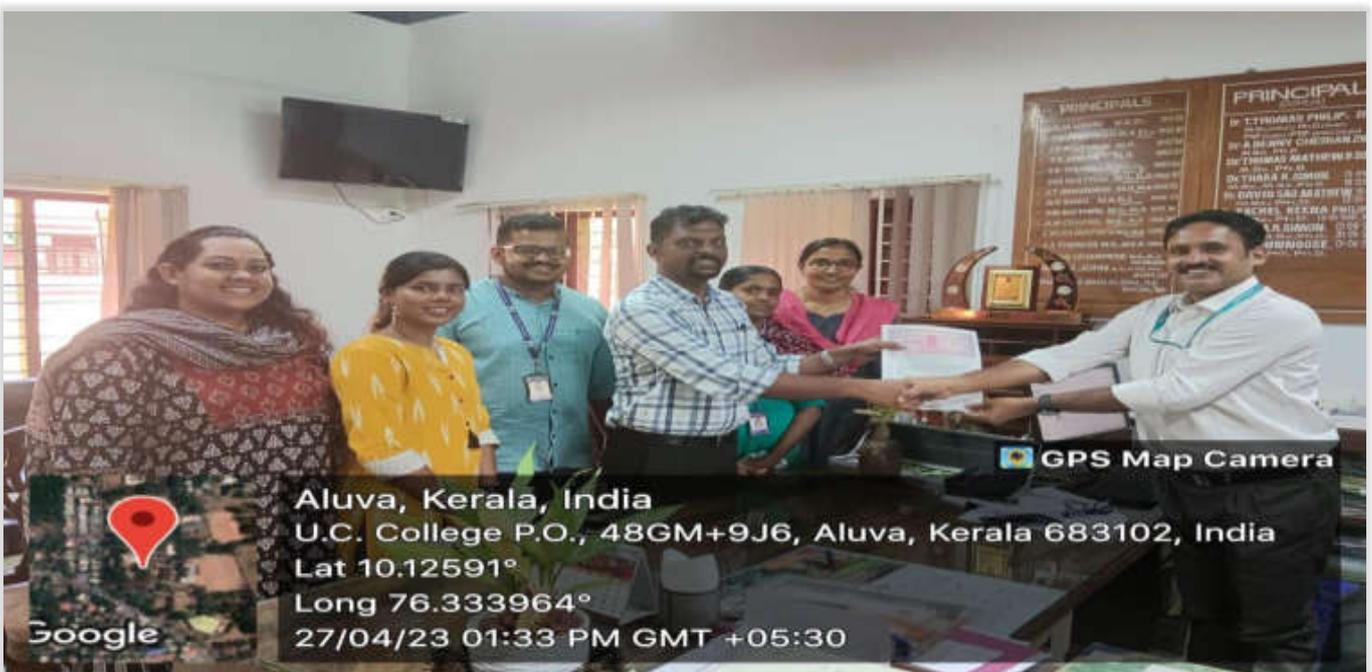
Report of the MOU with Greater Cochin Development Authority and Union Christian College, Aluva (Physical Education Department)

The MOU between Union Christian College, Department of Physical Education and GCDA was signed on 26/04/2023 for a period of 3 years.

Activity and Proof

The activities planned as per the MoU include preparing the Sports Master Plan for GCDA region, partnering for action research on mutually agreed themes and jointly identifying the Specific Sporting facilities required in a particular region. Bachelor of Sports Management Students under the Department of Physical Education, Union Christian College, Aluva, is supporting GCDA in this mega project.





Outcome of the activity

Started an initiative for promoting sporting culture and infrastructure. Sports Master Plan' for Greater Ccochin Development Authority (GCDA): 40 Students from BSM course has participated in preparing Sports Master plan and sports aspiration survey of 31 local units coming under the jurisdiction of GCDA.



കേരളം KERALA

EA 461705

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and entered into on this 20-5-2023, 2023 between Principal Union Christian College, Aluva, represented by the Principal, hereinafter referred to as "College," and Redeem Sports Pvt. Ltd, represented by the Managing Director, hereinafter referred to as "Company."

WHEREAS, the College owns a football ground at its campus in Aluva, Kerala.

WHEREAS, the Company is engaged in providing football coaching services to students.

WHEREAS, the Company requires a football ground for its academy students to practice in the evenings of all working days from 4 pm to 6.30 pm from June 2023 to March 2024.

WHEREAS, the College desires to allow the Company to use its football ground for the stated purpose.

WHEREAS, the College desires to receive free coaching for its football team in the morning sessions of all working days from 6.30 am to 8.30 am from June 2023 to March 2024.



No. 3403 Date 17/5/2023 Rs. 100
Tine yohannan Director
Redeem Sports Pvt Ltd
linked with No. from _____ to _____

Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva



Ramitha Mol R.
Stamp Vendor, Aluva

WHEREAS, the Company wishes to extend an invitation to the players of the College football team to join its academy players in the evening sessions.

NOW, THEREFORE, the parties hereto agree as follows:

The College shall permit the Company to use its football ground for the Company's academy students to practice in the evenings of all working days from 4 pm to 6.30 pm from June 2023 to March 2024.

The Company shall provide free coaching to the College's football team in the morning sessions of all working days from 6.30 am to 8.30 am from June 2023 to March 2024.

The College football team players shall be allowed to join the Company's academy players in the evening sessions.

The parties agree that the College shall not charge any fee for the use of its football ground by the Company.

The parties agree that this MoU does not create a partnership or joint venture between the College and the Company.

Either party may terminate this MoU by providing thirty days' written notice to the other party.

This MoU shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this MoU as of the date first above written.

In witness whereof the parties hereto have put their respective hands and seals in their presence on the day, month and year, first here in above written.

(1)
The Principal
UC College Aluva
The first party
Dr. M. I. Punnoose
Principal in Charge
U. C. College Aluva

(2)
Director
Redeem Sports Pvt Ltd



Witnesses

1. Dr. Bindu. M N

2. Dr. Anil Thomas Keshy



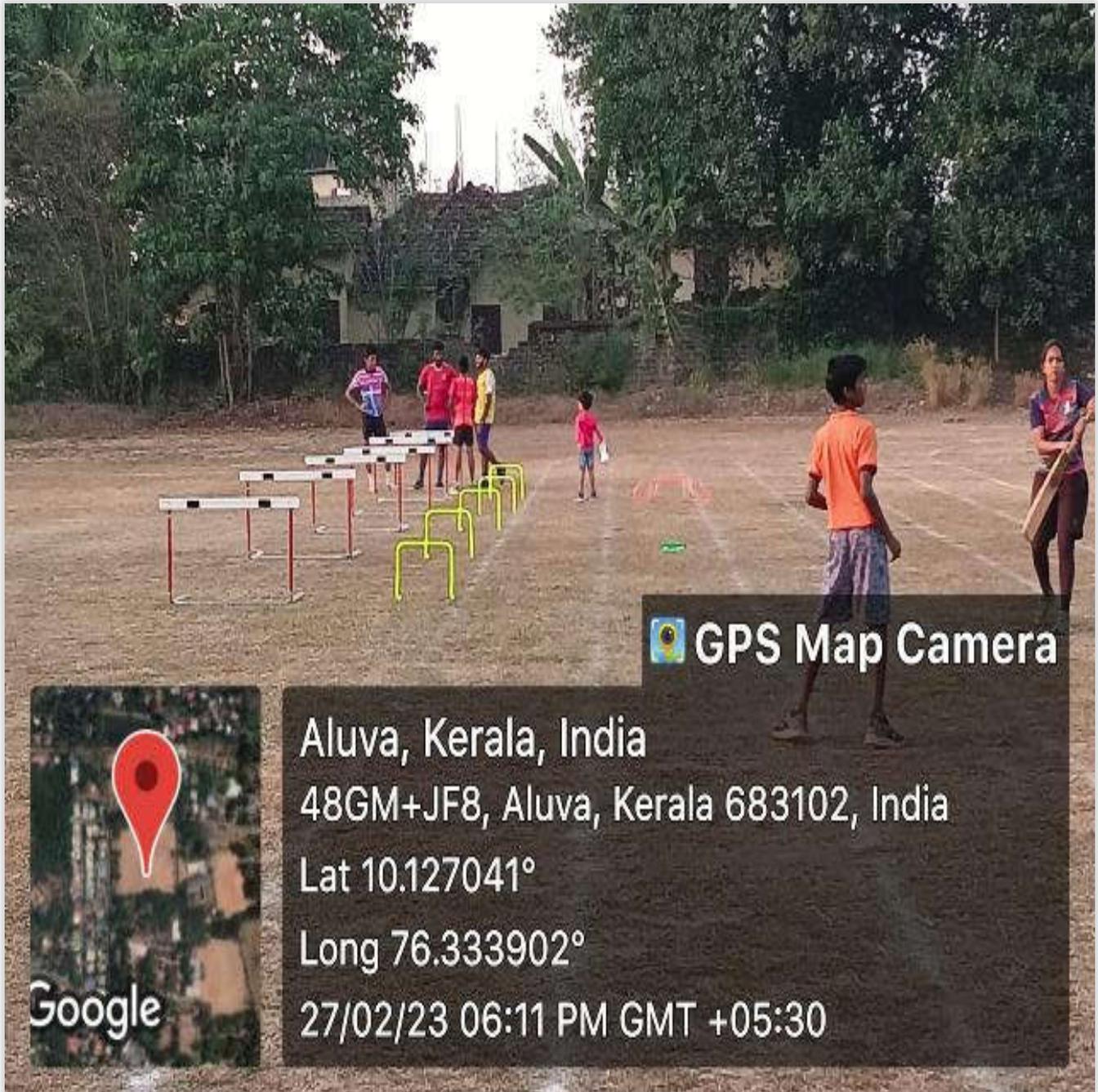
Report of the MOU with Redeem Sports Pvt. Ltd and Union Christian College, Aluva (Physical Education Department)

The MOU between Union Christian College, Department of Physical Education and Redeem Sports Pvt.Ltd was signed on 20/5/2023

Activity and Proof

Free coaching to the college football team is provided in the morning session and the players can join the company's academy players in the evening.





Outcome of the activity

The trainees are practicing regularly.



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L 046790

Memorandum of Understanding

This Memorandum of Understanding is made at Ernakulam on 16/03/2023

BETWEEN



School of Management Studies, Union Christian College, Aluva - 683102 (known as UC College) which is a college affiliated to Mahatma Gandhi University & founded in 1921 by four young graduates and teachers of Madras Christian College - Prof. K. C. Chacko, Prof. C. P. Mathew, Prof. V. M. Itticherah and Prof. A. M. Varki, hereinafter referred to as "College" (which term shall so far as the context admits be deemed to mean and include its successors and assigns) of the **First Party**

AND



JAC Academy, registered under State of Karnataka (Reg No : 18/192/S/0041) with registered address as #26/1, No 115, Basapura Main Road, Bangalore - 560100. hereinafter referred to as "JAC Academy" (which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) of the **Second Party**

No: 95793/15/2023
 Value of Rs. 500/-
 Issued to: Titto Antony Adams
 Nayarambalam.

R. AYYAPPA MENON
 STAMP VENDOR
 EDAPPALLY





WHEREAS:

1. SCHOOL OF MANAGEMENT STUDIES - UNION CHRISTIAN COLLEGE is an educational institution affiliated to the MAHATMA GANDHI UNIVERSITY, KOTTAYAM & APPROVED BY GOVT. OF KERALA.
2. JAC Academy is an ISO 9001:2015 certified Institute with registration number as KR-03-0228111 under Ministry of Micro, Small & Medium Enterprises , Reg No 18/192/S/0041 under State of Karnataka, is engaged in the field of professional vocational training & placements for Schools & Colleges in India ,Africa & Nepal.
3. SCHOOL OF MANAGEMENT STUDIES - UNION CHRISTIAN COLLEGE is willing to enter into a Memorandum of Understanding (MOU) with JAC Academy for the skills enhancement training program through the technology platform or other face to face initiatives.

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS UNDER:

1. Objective:

The objective of this MOU is to enable students of the college access to resources that would enhance their employability.

2. Period of MOU:

This MOU shall come into force and effect from the date of execution and shall remain valid for a period of one year from such date after which the same may be reviewed by either party. However, if the same is not renewed this arrangement will be deemed terminated on the expiry of the said duration period.



3. Roles & Responsibilities of the College:

- a. The College shall be responsible to nominate one person with adequate accountability and responsibility to coordinate the engagement. The person so appointed would act as the single point of contact (SPOC) for the proposed initiative.
- b. The College shall share in their letterhead the details of the students who will attend the aforesaid training program with JAC Academy like name, email ID, contact details) and other documents as per the training requirements of JAC Academy.
- c. To encourage the students to register for the Program by informing them about the benefits of the program.
- d. It would be the responsibility of **JAC Academy** to ensure that all their students adhere to training schedule.
- e. To provide all the support services and facilities to **JAC Academy** during the conduct of the said Training Program.
- f. To coordinate with **JAC Academy** and facilitate conduct of all the assessments including the assessment to be conducted by the external agency (if any) identified by **JAC Academy**, as per schedule communicated by **JAC Academy**
- g. To provide the placement details of the students who have undergone the aforesaid training.

4. Roles & Responsibilities of JAC Academy:

- a. **JAC Academy** shall be responsible to conduct the cohort & programmes as listed below, for a minimum batch size of 60 students



<u>S No</u>	<u>Programme</u>	<u>Duration</u>	<u>Mode</u>	<u>Fee per candidate</u>
1	Workshop- Aviation, Hospitality & Communications	2 days / 10 hours	Offline	Rs 550
2	Certificate Program – Digital Marketing	30 Hours	Online - LIVE	Rs 3,300
3	Certificate program- Logistics & Shipping with One Ship & Port visit	30 Hours	Offline	Rs 2,200

- b. **JAC Academy** will arrange for assessment of its own and also arrange external assessment as required.
- c. **JAC Academy** will facilitate 2 FREE Guest lectures under trending topics for the students in Apr -May 2023.
- d. **JAC Academy** will bear the expense the expense for entry ticket/approvals for Ship- Port visit at Kochi whereas the conveyance for the students for the visit, will be at their expense.

5. **Other Terms & Conditions:**

Following are the other terms and conditions of MOU:

- a. The students enrolled should complete the training as scheduled.
- b. Program Coordinator to be appointed by college
- c. TPO's active support and participation is required for smooth & efficient conduct of the program.
- d. Class commencement & programme schedule will be decided by UC College in consultation with J.A.C Academy
- e. The College shall not write/publish any material or use any logos/names of JAC Academy in any of the publications without prior written consent and approval from JAC Academy.



6. Commercial:

As indicated in Clause 4.a , enrolled before 05 April 2023.

7. Certification:

Certificates shall be awarded by **JAC Academy** to the students on successful completion of the training and clearing of the assessment held post completion of the training program.

8. Limitations and Warranties:

Both parties agree that it would be their endeavor to prevent any liability arising out of default or non-compliance of the MOU terms by the other party.

9. Termination:

- a. Both parties can terminate the MOU with a prior written thirty (30) day notice on default of terms or non-adherence to any condition or responsibilities by the other party as outlined in this MOU in case such default is not rectified within such 30 days.
- b. Both parties also agree that it would be their professional endeavour that despite any termination of the MOU, progress would continue, without any prejudice to the ongoing Training Programs, which would be without any hindrance and would be progressed for completion.

10. Entirety & Amendment:

This MOU contains the entire understanding between the Parties in relation to the Training Program. If during the operation of the MOU, circumstances may rise which call for alteration / modification to this MOU, such alteration / modification shall be mutually discussed and agreed upon in writing. Such changes will be formalized in writing as an 'Addendum' to this MOU. Any changes/amendments to this MOU not in conformance to this section shall be deemed to be void-ab-initio.



11. Intellectual Proprietary Rights:

All intellectual or proprietary property and information, supplied or developed by either Party shall be and remain the sole and exclusive property of the Party who supplied or developed same. Upon termination of this MOU and upon written request, the Party in receipt of the requesting Party's intellectual or proprietary property and/or information pursuant to this MOU shall return such information to the requesting Party.

12. Confidential Information:

- a. Both parties undertake to each other to keep confidential all information (written or oral) concerning the business and affairs of the other, which has been obtained or received during the course(s) of performance hereunder, save that which is inconsequential or obvious;
- b. Already in its possession other than as a result of a breach of this clause; or in the hands of the public other than as a result of a breach of this clause.
- c. In the event of any of the parties becoming legally compelled to disclose any confidential information, such party shall give sufficient notice to the other party so as to enable the other party to seek a timely protective order or any other appropriate relief. If such an order or other relief cannot be obtained, the party being required to make such a disclosure shall make the disclosure of the Confidential Information only to the extent that is legally required of it and no further.
- d. The College agrees not to deal directly or enter into any agreement any clients JAC Academy and should not share any information with them related to the training during the term of the agreement and also after the agreement have been terminated, not earlier than two years from the date of termination.



13. Force Majeure:

- a. Neither party to this MOU shall be liable for any failure or delay on its part in performing any of its obligations under this MOU, if such failure or delay shall be result of or arising out of Force Majeure conditions and, provided that the party claiming Force Majeure shall use its best efforts to avoid or remove such cause of non-performance and shall fulfil and continue performance hereunder with the utmost dispatch whenever and to the extent such cause or causes are removed.
- b. Any extraordinary event, which cannot be controlled by the parties, shall for the purpose of this MOU be considered as a Force Majeure event. Such events include acts of God, acts or omissions of any Government or agency thereof, compliance with rules, regulations or order of any Government Authority. Provided however, if either party claims that existence of any of the aforesaid conditions is delaying or disabling the performance by said party of its obligations under this MOU, such party shall give immediate notice to the other party of the existence of such conditions whose existence are claimed to delay or disable the performance of obligations as aforesaid.

14. Non-Solicitation:

The College agrees that during the term of this Agreement and for a period of two (2) years after the termination or expiry thereof, it shall not, directly or indirectly, employ, contract, solicit, hire or otherwise utilize the services of an existing employee of JAC Academy

15. Jurisdiction and Arbitration:

- a. In the event of any dispute or difference between the Parties hereto, the courts in Pune alone shall have exclusive jurisdiction to try any matter arising between the Parties here-to and accordingly both the Parties shall submit to the exclusive jurisdiction of courts in Bangalore, Karnataka



- b. Any dispute arising out of, in relation to or in respect to this MOU shall be settled through mutual consultation and agreement, by the Parties to this MOU. In case a settlement is not arrived at within fifteen (15) days of reference, the dispute/s shall be referred to a sole arbitrator to be appointed in accordance to the Arbitration and Conciliation Act, 1996 as amended from time to time. The place of arbitration shall be Pune, India.

IN WITNESS WHEREOF, the Parties hereto have duly executed this Agreement as on the day, month and year first hereinabove written

For College

DIRECTOR
MBA PROGRAMME
UNION CHRISTIAN COLLEGE
ALUVA-683 102
(Authorized Signatory)

Name: Dr. Padmaja Devi

Designation: Director, School of

Management Studies U.C. College,

Place : Aluva, Ernakulam

Date: 16 Mar 2023

Stamp:

HEAD OF THE DEPARTMENT
MBA PROGRAMME
UNION CHRISTIAN COLLEGE
ALUVA-683 102

For JAC Academy.

(Authorized Signatory)

Name: Titto Antony Adam

Designation: C.M.O

Place: HSR Layout, Bangalore

Date: 16 Mar 2023

Stamp:



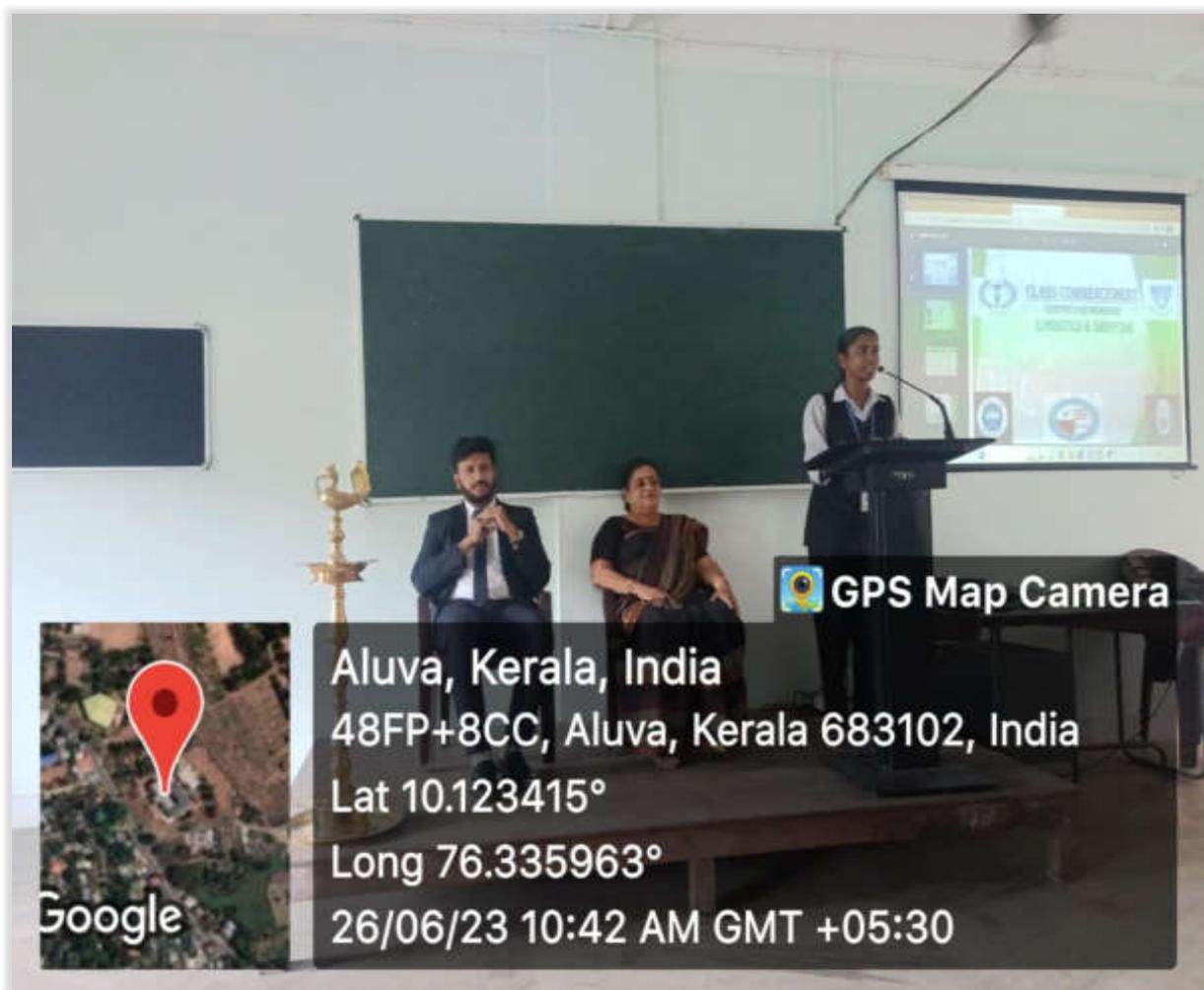


Report of the MoU with JAC Academy Bangalore and Union Christian College, Aluva (School of Management Studies)

The MOU between Union Christian College, School of Management Studies and JAC Academy Bangalore was signed on 16/3/2023.

Activity and Proof

The MoU was signed to provide Internships and Certificate programme in Logistics and Shipping to the students. The classes commenced from 26th June 2023. 30 hours' classroom training session were given to students and an industrial visit has been scheduled for the them in the Mid of January 2024.



Outcome of the activity

The students will be certified with Logistic and Supply Chain Management Course, thereby they will be enriched with Industry- Relevant Knowledge and to navigate International trade and distribution network.

MEMORANDUM OF AGREEMENT

Between the Union Christian College, Aluva and the SMS Phoenix Consultation

This Agreement between the **Union Christian College, Aluva** and **SMS Phoenix Consultation** is intended to promote international collaboration to advance education that includes **summer camp or Immersion** for a **collegial relationship between the two institutions on the International platform**, in accordance with the following provisions:

1. The scope of the collaborative ventures may include, but is not limited to:
 - a. Faculty exchanges or visiting faculty programs for the purpose of collaborative teaching and research as part of a specific project presented.
 - b. Postgraduate visiting candidates for the purpose of collaborative research and training.
 - c. Undergraduate student visits for professional and cultural enrichment.
 - d. Participation in professional meetings and conferences.
 - e. Continuing education that contributes to career and professional development.
 - f. Other programs of mutual benefit.
2. The specific terms, costs, and conditions of each program or activity within the collegial relationship will be negotiated and agreed to, in writing, with the signature of the authorized official(s) of the participating institutions, prior to the beginning of the program or activity. Neither institution accepts any obligation under the provision of this general agreement in the absence of a separate agreement pertaining to the program or activity as specified and undertaken in this provision.
 - a. It is intended that visiting postgraduate students, or undergraduate students participating in any program or activity established under provisions of this general agreement will obtain funding in advance to cover all the visitor's costs and requirements of a program or activity. The participating institutions will endeavor to secure financial and other support for the institution's costs and requirements from sponsoring agencies.
 - b. It is intended that the host institution for any program or activity will assist in advising on lodging and other necessary accommodation for participants. The cost of lodging and other necessary accommodations will be the responsibility of the visiting participants(s) unless otherwise specified in the specific agreement for the program of activity.
 - c. No provision for family or dependent personnel is included under the provisions of this agreement.
 - d. This Memorandum of Agreement does not permit the exchange of students for the purpose of credit course transfer at the undergraduate or graduate level.
3. If students participate in hands-on care, universal standards for disease transmissions are used.
 - a. If training has been conducted, the participating institutions will endeavor to secure financial and other support for the institution's costs and requirements from sponsoring agencies.

MEMORANDUM OF AGREEMENT

- b. This Memorandum of Agreement is to be effective from the date of the signatures affixed below for a period of five (5) years and can be terminated by either institution upon written notification by giving at least (6) months' notice in writing to the other.
- c. Students who participate in this summer camp program or Immersion will be awarded by a local college or academic institute in Malaysia.

IN WITNESS WHEREOF, both parties have hereunto set their hands and seals on the day and year first written above,

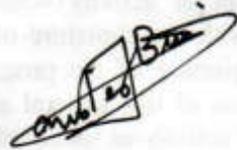
Union Christian College, Aluva

Director: Dr. Padmaja Devi



Date: 16 March 2023.

Witness:



Union Christian College, Aluva

Name:

Janis ben Biso

Position:

Assistant Professor

Date: 16 March 2023.

SMS Phoenix Consultation



Managing Director: Sri Devi Aynaru,
Med. (Discipline Management)

Program Manager cum Trainer (Newton International College)



Date: 6th March 2023



Report of the MOU with SMS Phoenix and Union Christian College, Aluva (School of Management Studies)

The MOU between Union Christian College, School of Management Studies and SMS Phoenix was signed on 16/3/2023 for a period of 5 years.

Activity and Proof

The MoU was signed to promote international collaboration that includes summer camp or immersion for a collegial relationship between the two institutions on the international platform. The objectives include faculty exchange, collaborative research and training, participation in conferences. No activity was conducted during the period of assessment.