



കേരളം KERALA

CG 304545

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this 25th day of January, 2020 by and between

**Union Christian College, Aluva** the First Party represented herein by Dr. David Saj Mathew, 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

**Aster Medcity**, a hospital owned and managed by Aster DM Healthcare Limited, having its registered address at Kutisahib Road, Near Kothad Bridge, South Chittoor P.O., Cheranalloor, Kochi – 682027, Ernakulam, represented by Cdr. Jelson Kavalakkat, Chief Executive Officer, Aster Medcity, Kochi, (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 Part.

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

No. 48157 Date 25.01.2020

Value of Rs. 100/-

Sold To. [Signature]

JAYAKUMAR . G.  
Stamp Vendor  
High Court Of Kerala  
Ernakulam

[Signature]  
ASTER DM HEALTHCARE LTD  
SOUTH CHITTOOR  
KOCHI - 682 027







കേരളം KERALA

CG 304545

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this 25th day of January, 2020 by and between

Union Christian College, Aluva the First Party represented herein by Dr. David Saj Mathew, 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

Aster Medcity, a hospital owned and managed by Aster DM Healthcare Limited, having its registered address at Kutisahib Road, Near Kothad Bridge, South Chittoor P.O., Cheranalloor, Kochi – 682027, Ernakulam, represented by Cdr. Jelson Kavalakkat, Chief Executive Officer, Aster Medcity, Kochi, (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 Part.

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

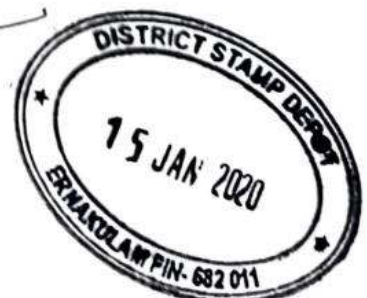
48157 Date 29.1.2020

Value of Rs. 100/-

and To

YAKUMAR . G.  
Camp Vendor  
High Court Of Kerala  
Ernakulam

ASTER DM HEALTHCARE LTD  
SOUTH CHITTOOR  
KOCHI - 682 027







കേരളം KERALA

CG 304547

**WHEREAS:**

- A) First Party is a Higher Educational Institution named: Union Christian College, Aluva
- B) Aster Medcity, the Second Party herein is engaged in providing physical and mental healthcare services 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.

No. 4/1761 Date 20.01.2020  
Value of Rs 100/-  
Sold To

JAYAKUMAR G.  
Stamp Vendor  
High Court Or KERALA  
Ernakulam

ASTER DM HEALTHCARE LTD  
SOUTH CHITTOOR  
KOCHI - 682 027



**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.
- 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.

The image shows two handwritten signatures in blue ink. The signature on the left is larger and more complex, while the one on the right is smaller and more stylized. Both appear to be official signatures of the parties to the agreement.



- 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 First Party, 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, 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.

### **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 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

The image shows two handwritten signatures in blue ink. The signature on the left is larger and more stylized, while the one on the right is smaller and more compact. Both appear to be initials or first names followed by a surname.



## **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.

## **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.

## **CLAUSE 7**

### **DISPUTE RESOLUTION AND JURISDICTION**

- 7.1 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**

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





## ARTICLE 9 NOTICES

- 9.1 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 25th day of January, 2020.

Union Christian College, Aluva

Aster Medcity



Dr. David Saj Mathew

Principal



Cdr. Jelson Kavalakkat

CEO, Aster Medcity

Union Christian College	Aster Medcity
Kadoopadam, Near Kadoopadam Super Market, Kadoopadam, Kerala 683102	Kutisahib Road, Near Kothad Bridge, South Chittoor P.O., Cheranalloor, Kochi - 682027, Ernakulam, Kerala.
Ph: 0484 2629154	Ph: 0484 66 99 999

Witness 1

Witness 2





## **Report of the MOU with Aster Medcity, Kochi and Union Christian College, Aluva (Psychology Department)**

The MOU between Union Christian College, Department of Psychology and Aster Medcity, Kochi was signed on 25/1/ 2020. The MOU is functional based on yearly renewal.

### **Activity and Proof**

On 29 September 2021, a meeting was held for planning a community outreach center at Union Christian College that will enable Aster Medcity to coordinate its activities with the college and its surrounding panchayats. It was decided that the U C College extension activities cell will coordinate these efforts. Aster Medcity has appointed social workers with duty assigned to coordinate the Union Christian College-alangad-Karumalloor panchayats related work.

Psychology Department in association with Aster Medcity organised a Breast Cancer Awareness Camp On 29 October 2021 at VM Hall. The programme began at 11 am with a talk on Breast Cancer and its early detection. Thereafter there was a training session for breast self-examination for early detection of breast cancer, teaching staff, non-teaching staff and students benefited from the programme. Doubts that were raised by the audience were cleared by the hospital staff members.

Awareness programme for girl's students on 'Menstrual hygiene and use of menstrual cups' was conducted on November 10,2021 at 3 pm. The session was lead by a team from Aster Medcity and organized by the Department of Psychology. Menstrual cups were distributed to around 250 students.

The Psychology Department arranged 'A training session for trainers' led by mental health professionals from Aster Medcity on 10th October 2022, with the objective of equipping students with skills needed to bring mental health awareness among the public. The session was led by Ms. Gaana P C, Clinical Psychologist, Aster Medcity. The programme was conducted as part of observance of World Mental Health Day.





### Outcome of the Activity

Students of the community got awareness about breast cancer, menstrual hygiene and use of menstrual cups after the sessions. Students were trained to equip other students to spread the awareness of uplifting the mental health aspects among the public.





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BX 210387

Memorandum of Understanding between School of Computer Applications, Union Christian College, Aluva and Exalture Software Labs Private Limited, Kochi

This Memorandum of understanding (MoU) was made on the 7<sup>th</sup> day of August, 2020 at Kochi.

BY AND BETWEEN

The School of Computer Application in Union Christian College, Aluva (hereinafter referred to as "MCA Programme, U.C. College") affiliated to Mahatma Gandhi University, Kottayam and approved by All India Council for Technical Education (AICTE), established in the year 2001 providing the course, Master of Computer Applications, the "First Party"

AND

Exalture Software Labs Private Limited (hereinafter referred to as Exalture) incorporated under the Indian companies Act, 1956 and having its registered office at X / 711 - S2, Ground Floor, Adam Star Building, Kalangattu Road, Kakkanad, Kerala - 682030 is providing software solutions, as the "Second party".



For EXALTURE SOFTWARE LABS PVT. LTD.

Director

*Almusaki*

47659/2020/2020  
No. Date

MURSHIDA BEEGAM  
Munsif Court Stamp Vendor  
Ernakulam

Rev T Thomas John  
Chairman Board  
UNION CHRISTIAN COLLEGE  
ALUVA-683 102  
Union Christian College, Aluva

DIRECTOR

MCA PROGRAMME

UNION CHRISTIAN COLLEGE

ALUVA-683 102



## PREAMBLE

Whereas both the Parties have under this MOU agreed to collaborate with each other or jointly collaborate with the third Parties for increasing employability, assisting placement and for facilitating job search/opportunities for the students in MCA Programme, U.C. College and whereas the following has been agreed to between the Parties to this effect: -

- 1) Exalture is willing to offer internships after evaluation of students.
- 2) Exalture is willing to offer sessions on 'industry practices' as part of the internship.

### Exalture's OBLIGATION:

To provide awareness through various means thereby resulting in increased chances of employment to students.

### MCA PROGRAMME, UNION CHRISTIAN COLLEGE'S OBLIGATION:

- 1) MCA Programme, Union Christian College, Aluva shall provide Exalture Software Labs Private Limited the name of its authorized representative who shall serve as point/s of contact with Exalture.
- 2) The MCA Programme, U.C. College shall take all steps necessary to communicate to students and ensure that the candidates register for the programme.

### MISCELLANEOUS PROVISIONS:

1. The Memorandum of Understanding MOU) as outlined in this document is not intended to be a legally binding document. Rather, it is meant to describe the nature and cooperative intentions of MCA Programme, U.C. College Aluva and Exalture Software Labs Private Limited to suggest guidelines for cooperation. Nothing, therefore, shall diminish the full autonomy of either party, nor any constraints be imposed by either party upon the each other, and nothing in this Agreement shall be deemed to create a partnership, joint venture, or agency relationship between the parties.
2. The use of the name, logo and/or official emblem of any of the parties on any publication, document and/or paper is allowed only, after seeking permission in writing by either party. EXALTURE SOFTWARE LABS PVT. LTD.  
For EXALTURE SOFTWARE LABS PVT. LTD.
3. The Memorandum of understanding or any part thereof may be amended at any time during its tenure only by consent in writing of the parties. Director
4. The Memorandum of Understanding is not intended to create any legal relation of employer-employee or of principal and agent amongst the parties.

*Alliusaki*  
**DIRECTOR**  
**MCA PROGRAMME**  
**UNION CHRISTIAN COLLEGE**  
**ALUVA-883 102**





5. This Memorandum of Understanding shall remain valid for a period of THREE years from the date of its signing, and can be extended on mutual terms and conditions.

6. Through this Memorandum of Understanding MCA Programme, U.C. College, Aluva affirm their commitment to fulfil and achieve the objectives mutually agreed upon in this Memorandum of Understanding.

IN WITNESS WHEREOF, the parties hereto have executed this MoU in their corporate names by their respective officers duly authorized, on the respective dates hereinafter mentioned.

For School of Computer Applications,  
Union Christian College, Aluva

Name: Dr. A. V. Alex

Title : Director

Dated: August 7, 2020



For Exalture Software Labs Private.Limited  
Ltd, Kochi

A handwritten signature in blue ink, appearing to read "Vaisakh C P".

Name: Vaisakh C P

Title: Director

Dated : August 7, 2020



For EXALTURE SOFTWARE LABS PVT. LTD.

A handwritten signature in blue ink, appearing to read "Vaisakh C P".

Director

## Report of the MOU with Exalture Software Labs Pvt.Ltd., Kochi and Union Christian College, Aluva (School of Computer Applications)

The MOU between Union Christian College, School of Computer Applications and Exalture Software Labs Pvt.Ltd. Kochi was signed on 7/8/2020 for a period of 3 years.

### Activity and Proof

The MoU was signed to associate with the company to provide Internships and Sessions on Industry Practices to students. The sample certificates of students who have completed their internships is attached herewith



The poster is for the 'INDUCTION PROGRAMME MCA 2021 BATCH'. It features the logos of the School of Computer Applications, Union Christian College, Aluva, and the college's 100th anniversary (1921-2021). The central text reads 'DAY 10 NOV 17, 2021'. Two speakers are highlighted: Mr. Azeez Chollampat, President & CEO of Exalture Software Labs Inc., with the topic 'What Current IT Market Holds For You', and Ms. Sheethal V. R., Placement Officer of U C College, Aluva, with the topic 'Business Communications'. The poster includes hexagonal frames containing portraits of the speakers.

**SCHOOL OF COMPUTER APPLICATIONS**  
**UNION CHRISTIAN COLLEGE, ALUVA**

**INDUCTION PROGRAMME**  
**MCA 2021 BATCH**

**Mr. Azeez Chollampat**  
President & CEO, Exalture Software Labs Inc.  
Topic :  
What Current IT Market Holds For You

**DAY 10**  
**NOV 17, 2021**

**Ms. Sheethal V. R.**  
Placement Officer, U C College, Aluva  
Topic :  
Business Communications





## An Online Workshop on Mobile app Development

JULY 12, 2021  
11.30 AM

### TRAINERS

**MS. JOTHY S**

Software Engineer  
Exalture Software Labs Pvt Ltd

**MR. SANOOP C**

Senior Software Engineer  
Exalture Software Labs Pvt Ltd



School of Computer Applications  
Union Christian College, Aluva

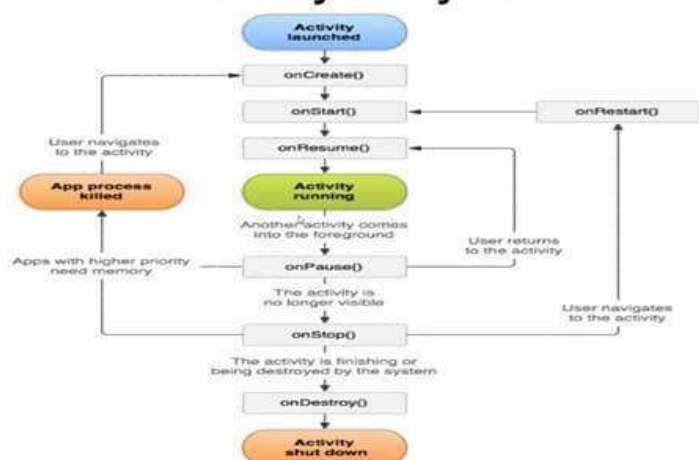


Faculty coordinator :  
Ms. Divya P B (HoD, MCA)

Student Coordinators :  
Ms Neeshma M S, Mr. Sreekanth Sasi ( Semester 2, MCA )

Jothy S is presenting

### Activity life cycle



Online Workshop on " Mobile App Development"





## Certificate of Completion

This is to certify that

# Nasrin M A

is hereby awarded this certificate in  
recognition of his Internship at

**Exalture Software Labs Pvt Ltd**

in

## Flutter Mobile App Development

Internship Period: 26 August 2020 - 19 January 2021

Jyothish J

Director

Internship Programme Manager



Vidya R

Software Engineer

Internship Programme Guide





### Outcome of the Activity

The students got an opportunity to do internships in the company and attend informative talks during the course.





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CL 098187

**Memorandum of Understanding between School of Computer Applications,  
Union Christian College, Aluva and SparXs Life Skills Unlimited, Aluva,  
Kochi**

This Memorandum of understanding (MoU) is made on the 25<sup>th</sup> day of February,  
2020 at Kochi.

**BY AND BETWEEN**

The School of Computer Applications in Union Christian College, Aluva affiliated  
to Mahatma Gandhi University, Kottayam and approved by All India Council for  
Technical Education (AICTE), established in the year 2001 providing the course,  
Master of Computer Applications, the "First Party"

**AND**

SparXs Life Skills Unlimited, Aluva, Kochi (hereinafter referred to as "SparXs") a  
profit organization with registered office at JJ Arcade, Ambattukavu, Aluva as the  
"Second party".



*Allusaki*

DIRECTOR  
MCA PROGRAMME  
UNION CHRISTIAN COLLEGE  
ALUVA-683 102

Rev T. Thomas John  
Chairman, Board of Governors  
Union Christian College, Aluva.

*Mujeeb Muhammed*



47653  
No Date  
KURSHITHA BEEGAM  
Munshi Court Stamp Vendor  
Ernakulam





## PREAMBLE

Whereas both the Parties have under this MOU agreed to collaborate with each other or jointly collaborate with the third Parties for increasing employability, assisting placement and for facilitating job search/opportunities for the students in School of Computer Applications, U.C. College and whereas the following has been agreed to between the Parties to this effect: -

- 1) SparXs is willing to offer career orientation, motivational and language classes.
- 2) SparXs is associating to provide mock interviews and guidance to students to improve the confidence level of the students to attend the interviews.
- 3) SparX is willing to provide internships for the students based on their software requirements.

## SparXs OBLIGATION:

To provide Soft Skills training to students and equip them to face challenges of the corporate world and thus increase their chances of employment and help them in career advancement.

## School of Computer Applications, UNION CHRISTIAN COLLEGE'S OBLIGATION:

- 1) School of Computer Applications, Union Christian College, Aluva shall provide SparXs Life Skills Unlimited, Aluva, the name of its authorized representative who shall serve as point/s of contact with SparXs Life Skills Unlimited.
- 2) The School of Computer Applications, U.C. College shall take all steps necessary to communicate to students and ensure that the candidates register for the programme.

## MISCELLANEOUS PROVISIONS:

1. The Memorandum of Understanding (MOU) as outlined in this document is not intended to be a legally binding document. Rather, it is meant to describe the nature and cooperative intentions of the *School of Computer Applications, Union Christian College, Aluva* and SparXs Life Skills Unlimited, Aluva to suggest guidelines for cooperation. Nothing, therefore, shall diminish the full autonomy of either party, nor any constraints are imposed by either party upon each other, and nothing in this Agreement shall be deemed to create a partnership, joint venture, or agency relationship between the parties.



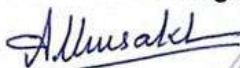
*Alluvakal*  
FOR  
MCAP PROGRAMME  
UNION CHRISTIAN COLLEGE  
ALUVA-883 102



2. The use of the name, logo and/or official emblem of any of the parties on any publication, document and/or the paper is allowed only, after seeking explicit prior permission in writing by either party.
3. The Memorandum of understanding or any part thereof may be amended at any time during its tenure only by consent in writing of the parties.
4. The Memorandum of Understanding is not intended to create any legal relationship of employer-employee or of principal and agent amongst the parties.
5. This Memorandum of Understanding shall remain valid for a period of TWO years from the date of its signing, and can be extended on mutual terms and conditions.
6. Through this Memorandum of Understanding *School of Computer Applications, U.C. College, Aluva* affirm their commitment to fulfill and achieve the objectives mutually agreed upon in this Memorandum of Understanding.

IN WITNESS WHEREOF, the parties hereto have executed this MoU in their corporate names by their respective officers duly authorized, on the respective dates hereinafter mentioned.

For School of Computer Applications,  
Union Christian College, Aluva

  
Name : Dr. A. V. Alex

Title : Director

Dated : 25-02-2020



For SparXs Life Skills Unlimited, Aluva

  
Name : MUJEEB MUHAMMED

Title : M. Perforator.

Dated : 25-02-2020





## Report of the MOU with SparXs Lifeskills Unlimited, Aluva and Union Christian College, Aluva (School of Computer Applications)

The MOU between Union Christian College, School of Computer Applications and SparXs Lifeskills Unlimited, Aluva was signed on 25.2.2020 for a period of 2 years.

### Activity and Proof

The MoU was signed to associate with the company to provide Internships and Sessions on Industry Practices to students. A programme was arranged for the 2020 batch during their induction period. The poster of the programme is given below.



### Outcome of the Activity

The students got an idea regarding the power of language while they are in the industry.

## **MEMORANDUM OF UNDERSTANDING**

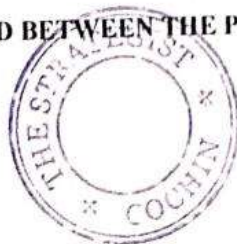
This Memorandum of Understanding ("MoU") is entered into as of 2<sup>nd</sup> January 2020 ("Effective Date") The Strategist 40 / 6133, 3rd Floor, Lalan Towers, Banerji Road, High Court Junction, Cochin - 682 031., India (hereinafter referred to as "Strategist" which expression shall unless repugnant to the context shall mean and include its successors and assigns) AND School of Management Studies, Union Christian College, Aluva, Kerala -, India (hereinafter referred to as the "College" which expression shall unless repugnant to the context shall mean and include its successors and permitted assigns). Strategist and college are hereinafter collectively referred as "Parties" and individually as a "Party".

**WHEREAS** Strategist (First Party) is an educational and business consultancy, operating towards the vision of a data-driven business culture, that assists in effective decision making in corporate-organisation and facilitate this through a series of need-based interventions involving consultancy, research and training. The Strategist is also an Authorised Testing Centre for Microsoft and Certiport.

**WHEREAS** School of Management Studies, Union Christian College, Aluva, is a Department of Union Christian College, Aluva is a premier educational institution in Kerala, South India, established in 1921 as a Centre of Higher Education and as a venture in inter-denominational co-operation among the four major non-catholic Christian denomination of South India

**AND WHEREAS** pursuant to discussions, the Parties have decided to lay down the terms of their understanding regarding Industry Oriented Advanced Excel Training Program and Microsoft Certification.

**NOW, THEREFORE, IT IS AGREED BETWEEN THE PARTIES AS FOLLOWS:**





1. This MoU is effective from the Effective Date and shall remain in force for a period of Three Years.
2. The Second Party desired to deliver Industry oriented Training and Microsoft Certification to all UC College MBA Students of college and approached first party to facilitate the Training and Certification process.
3. The Second Party requested to conduct the training Batch by batch and the same has been approved by the First party.

### Infrastructure and Technical Requirement

4. The Second Party has the responsibility to provide all Infrastructure and Technical requirement for conducting Training and Execution of the Microsoft Examination in the place of second Party.
  - The second Part has to provide all the infrastructure and support from the system administrator for the successful execution of the program. (System configuration: 1.8 Ghz processor, 2 GB Ram, Windows 7 or above, MS Office 2016. With high speed internet)
  - The test will be conducting in the presence of The Test Centre Administrator (TCA).
  - The entire participant should have laptop/desktop with Ms. Office 2016.
5. First part has the right to inspect all the System and install the required software for the smooth functioning of the training and examination.

### Training and Certification process:-

6. Both the parties mutually agreed to conduct Excel Specialist 2019: Data Analysis, Manipulation, and Presentation; Exam Code (MO - 200).
7. One batch (60 students) of training, practice, and examination can complete in 4 Days.
8. **FEES & PAYMENT TERMS:**



- In consideration of the rights granted and services provide, the second party shall pay an amount of Rs. 3000.00 for each student for the training and Certification.
  - All sums due under this MoU will be paid within 5 days from the date of invoice from strategist.
  - All amounts payable under this MoU shall be exclusive of all taxes and levies.
  - The Payment shall be in advance in favor of the Strategist, payable at Cochin.
9. The course certificate is issued by the Certiport and the same shall be and distributed by batch wise and First party will be responsible for the issue of certificate.
10. Either party may terminate the MoU with a prior written notice of 30 days to the other Party, without any reason.
11. The loss occurred If any in case of termination shall be borne by the party who is at fault.
12. Strategist shall not be liable in any event for any special, consequential, incidental, or indirect damages arising out of or in connection with this MoU. To the extent permitted under law, Strategist expressly disclaims all warranties of any kind, whether express or implied, including, but not limited to any implied warranties of merchantability, fitness for a particular purpose, accuracy and completeness of the Content, Methodology, Courses, software, and any warranty relating to the Content being free from any errors.
13. This MoU shall be governed by and construed in all respects in accordance with the laws of India and shall be subject to exclusive jurisdiction of the Courts in Ernakulam, India. Any dispute and/or difference arising out of or pertaining to this MoU, shall first be resolved by the Parties through negotiations, failing which, the same shall be referred for arbitration.
14. Stamp duty and other taxes and levies on this 'MoU' shall be borne by the First Party





IN WITNESS WHEREOF THE PARTIES THROUGH THEIR DULY AUTHORISED REPRESENTATIVES HAVE SIGNED THIS MoU.

THE STRATEGIST



By 

Name: John Joseph

Title: CEO

Date: 21/1/2020

SCHOOL OF MANAGEMENT STUDIES,

UNION CHRISTIAN COLLEGE

By 

Name: Dr. Pedmajadevi

Title: Director

Date: 21/1/2020

**DIRECTOR**  
**MBA PROGRAMME**  
**UNION CHRISTIAN COLLEGE**  
**ALUVA - 683 102**





## Report of the MOU with Strategist, Kochi and Union Christian College, Aluva (School of Management Studies)

The MOU between Union Christian College, School of Management Studies and Strategist, Kochi was signed on 5/1/2022 for a period of 1 year. To foster technological proficiency and enhance the employability skills of the students at the School of Management Studies, UC College, a series of Microsoft Office -Excel (MOS) classes were conducted. The initiative was a collaborative effort between the School of Management Studies and The Strategist, a renowned organization specializing in skill development programs in Kochi, Kerala.

### Activity and Proof

The MoU was signed to provide Hands-on Training on Microsoft Office







UNION CHRISTIAN COLLEGE, ALUVA.  
SCHOOL OF MANAGEMENT STUDIES



Value Added Courses in  
association with Placement Cell

## MICROSOFT EXCEL

2023 - 2025

MBA BATCH

**Sept 18 - 23**  
**@MCA computer**  
**Lab**



Mr. Jomon Joseph  
Consultant  
The Strategist  
Consultancy



Attendance

## List of Students 2022 admn (Microsoft Excel)

Sl no	Name	20.06.23	
		FN	AN
1	Aadithya R Krishna		
2	Abdul Fahad O K		
3	Abhishek V D		
4	Ajimi F	<i>[Signature]</i>	
5	Ajmal Panikkaveetil Basheer		
6	Alshifa Shereef		
7	Anagha V A		
8	Anandha Padmanabhan V A		
9	Ananthakrishnan M R	<i>[Signature]</i>	<i>[Signature]</i>
10	Anju M	<i>[Signature]</i>	
11	Anusree K S		
12	Aparna K	<i>[Signature]</i>	
13	Aparna T S	<i>[Signature]</i>	
14	Arathy Rajesh		
15	Arathy V Gopakumar	<i>[Signature]</i>	
16	Ardhra Domanson		
17	Arjun M R		
18	Arya Jayaprakash		
19	Arya Maglin		
20	Aslaha Farhath P A		
21	Asna Mol C M		
22	Aswinnath T V	<i>[Signature]</i>	<i>[Signature]</i>
23	Athila Ashraf	<i>[Signature]</i>	
24	Athira V S	<i>[Signature]</i>	
25	Collin D Rose		
26	Diya Jaimon	<i>[Signature]</i>	
27	Farha T A	<i>[Signature]</i>	
28	Farzana C S		
29	Firos Muhammed K A		
30	Fousia S		
31	Hafees A A		
32	Hudha Abdul Karim	<i>[Signature]</i>	<i>[Signature]</i>
33	Jannath Ismail	<i>[Signature]</i>	<i>[Signature]</i>





# UNION CHRISTIAN COLLEGE, ALUVA

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NAAC Re-Accredited with A Grade in 4<sup>th</sup> Cycle (CGPA 3.45)

[www.uccollege.edu.in](http://www.uccollege.edu.in)

SSR  
5<sup>th</sup> CYCLE  
2023

Attendance

List of Students 2022 admn (Microsoft Excel)

Sl no	Name	12.6.23		13.6.23		14.6.23		15.6.23		16.6.23	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	Aadithya R Krishna										
2	Abdul Fahad O K										
3	Abhishek V D										
4	Ajimi F										
5	Ajmal Panikaveetil Basheer										
6	Alshifa Shereef										
7	Anagha V A										
8	Anandha Padmanabhan V A										
9	Ananthakrishnan M R										
10	Anju M										
11	Anusree K S										
12	Aparna K										
13	Aparna T S										
14	Arathy Rajesh										
15	Arathy V Gopakumar										
16	Ardhra Domanson										
17	Arjun M R										
18	Arya Jayaprakash										
19	Arya Maglin										
20	Aslaha Farhath P A										
21	Asna Mol C M										
22	Aswinnath T V										
23	Athila Ashraf										
24	Athira V S										
25	Collin D Rose										
26	Diya Jaimon										
27	Farha T A										
28	Farzana C S										
29	Firos Muhammed K A										
30	Fousia S										
31	Hafees A A										
32	Hudha Abdul Karim										
33	Jannath Ismail										
34	Jillet Joseph										
35	Juwairiya T S										
36	Kareena Jinson										
37	Krishnapriya K										
38	Litty sunny Mathew										
39	Marwa Abdul Jaleel										
40	Milan										
41	Mohammed Shibil T P										
42	Muhammad Shabab K S										
43	Muhammed Badusha O N										
44	Nandana K S										
45	Nidina Soofi										
46	R Sreehari										
47	Reshmi Vijayan										
48	Rinsa Mol A R										
49	Sagha Harish										





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SSR  
5<sup>th</sup> CYCLE  
2023

34	Jillet Joseph	<i>Jawad</i>	<i>Kareem</i>
35	Juwairiya T S	<i>Kareem</i>	
36	Kareena Jinson	<i>Sana</i>	
37	Krishnapriya K		
38	Litty sunny Mathew	<i>My</i>	
39	Marwa Abdul Jaleel		
40	Milan		
41	Mohammed Shibil T P	<i>Shibil</i>	
42	Muhammad Shabab K S	<i>Shabab</i>	<i>Shabab</i>
43	Muhammed Badusha O N		
44	Nandana K S		
45	Nidina Soofi	<i>Sh</i>	
46	R Sreehari	<i>Reelun</i>	
47	Reshmi Vijayan		
48	Rinsa Mol A R		
49	Sagha Harish		
50	Sal Harish		
51	Samina K S		
52	Shelna Judy	<i>Shelna</i>	<i>Shelna</i>
53	Sona Mary Thomas P	<i>Sana</i>	
54	Tiya Shabu		
55	V S Krishnadas	<i>Shabab</i>	<i>Shabab</i>
56	Varsha Vijay		
57	Vishak Shaji C C		
58	Vishnu sathyan		
59	Vismaya T V		
60	Vismaya Vijay		





## Outcome of the Activity

The students got an opportunity to be recognized as Microsoft Office Specialists. The MS Office Specialist classes spanned a comprehensive duration of 42 hours. This extensive timeframe allowed for an in-depth exploration of various MS Office applications, ensuring that students gained a profound understanding of essential tools for professional and academic success.





കേരളം KERALA

DH 228984

ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗത്തിൽ സ്ഥാപിക്കുന്ന സിനു വർഗ്ഗീസ് സ്മാരക എൻഡോവ്മെന്റ് അവാർഡ് സംബന്ധിച്ച വ്യവസ്ഥകളും വകുപ്പുകളും.

കുടുംബാംഗങ്ങൾക്കുവേണ്ടി സിനു വർഗ്ഗീസിന്റെ ജീവിതപങ്കാളി എബി പോൾ ഒന്നാംകക്ഷി യായും ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജ് പ്രിൻസിപ്പാൾ ഡോ. താര കെ.സൈമൺ രണ്ടാംകക്ഷി യായും ഉഭയസമ്മതപ്രകാരം എഴുതി തയ്യാറാക്കിയ കരാർ ഉടമ്പടി.

1. കക്ഷികൾ 1. കുടുംബാംഗങ്ങൾക്കുവേണ്ടി സിനു വർഗ്ഗീസിന്റെ ജീവിതപങ്കാളി എബി പോൾ  
2. യൂണിയൻ ക്രിസ്ത്യൻ കോളേജ് പ്രിൻസിപ്പാൾ ഡോ. താര കെ.സൈമൺ
2. ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗത്തിലായിരിക്കും എൻഡോവ്മെന്റ് സ്ഥാപിക്കുന്നത്.
3. എൻഡോവ്മെന്റ് അവാർഡിന്റെ നടത്തിപ്പു ചുമതല ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗം അധ്യക്ഷ/അധ്യക്ഷനിൽ നിക്ഷിപ്തമായിരിക്കും
4. എൻഡോവ്മെന്റ് അവാർഡിനായി എബി പോളും കുടുംബാംഗങ്ങളും 5 ലക്ഷം രൂപ കോളേജിന് കൈമാറിയിട്ടുണ്ട്.
5. എൻഡോവ്മെന്റിനായി കൈമാറിയ തുക ബാങ്ക് ഓഫ് ഇന്ത്യയുടെ യു.സി. കോളേജ് ശാഖയിൽ ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജ് പ്രിൻസിപ്പാളിന്റെ പേരിൽ സ്ഥിരനിക്ഷേപമായി സൂക്ഷിക്കുന്നതാണ്.

Abi Paul  
എബി പോൾ

Dr. Tara K. Simon  
ഡോ. താര കെ.സൈമൺ  
പ്രിൻസിപ്പാൾ

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കെ.ടി. അരവിന്ദാക്ഷൻ  
സ്റ്റാമ്പ് വെണ്ടർ, നോർത്ത് പറവൂർ

- 7 JAN 2022





6. ബാങ്കിൽ നിക്ഷേപിച്ച തുകയ്ക്ക് വർഷാവർഷം പലിശയിനത്തിൽ ലഭിക്കുന്ന തുകയുടെ 75% (എഴുപത്തിയഞ്ചു ശതമാനം) ഉപയോഗിച്ച് അവാർഡു വിതരണത്തിനുള്ള ചെലവ് (അവാർഡു തുകയടക്കം) നടത്തുന്നതാണ്.
7. പലിശയിനത്തിൽ ലഭിക്കുന്ന തുകയുടെ ബാക്കിവരുന്ന 25% (ഇരുപത്തിയഞ്ചു ശതമാനം) നിക്ഷേപ മുതലിനോടു ചേർത്ത് വീണ്ടും നിക്ഷേപിക്കുന്നതാണ്.
8. പണവുമായി ബന്ധപ്പെട്ട എല്ലാ ഇടപാടുകളും ഉത്തരവാദിത്തങ്ങളും ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ പ്രിൻസിപ്പാളിൽ മാത്രം നിക്ഷിപ്തമായിരിക്കുന്നതാണ്.
9. ഓരോ വർഷവും ജനുവരി 1 മുതൽ ഡിസംബർ 31 വരെയുള്ള കാലയളവിൽ പിഎച്ച്.ഡി. അവാർഡുചെയ്തിട്ടുള്ള മലയാള ഗവേഷണപ്രബന്ധങ്ങളിൽ ഏറ്റവും മികച്ചതിന് 10,000 രൂപ (പതിനായിരം രൂപ) നൽകുന്നതാണ് അവാർഡ്.
10. സിനു വർഗ്ഗീസ് സ്മാരക എൻഡോവ്മെന്റ് അവാർഡ് എന്നായിരിക്കും അവാർഡിന്റെ പേര്.
11. അവാർഡിനായി പ്രബന്ധങ്ങൾ ക്ഷണിക്കുന്നതുമുതൽ അവാർഡ് വിതരണം ചെയ്യുന്നതുവരെയുള്ള കാര്യങ്ങൾ ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗം അധ്യക്ഷ/ അധ്യക്ഷന്റെ ചുമതലയിൽ മലയാളവിഭാഗം നിർവഹിക്കേണ്ടതാണ്.
12. ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗത്തിലെ അധ്യാപകർ മുഴുവൻ അവാർഡു നിർണ്ണയ ചുമതലകൾ വഹിക്കുന്ന കമ്മിറ്റിയംഗങ്ങളായിരിക്കും.
13. അപേക്ഷകർ സമർപ്പിക്കുന്ന പ്രബന്ധങ്ങൾ പ്രിന്റ്/ബുക്ക് രൂപത്തിൽ സമർപ്പിക്കേണ്ടതാണ്.
14. പ്രസ്തുത പ്രബന്ധത്തിന് പിഎച്ച്. ഡി. അവാർഡു ചെയ്തതിന്റെ തെളിവുകൂടി പ്രബന്ധത്തോടൊപ്പം സമർപ്പിക്കേണ്ടതാണ്.
15. ലഭിക്കുന്ന പ്രബന്ധങ്ങളുടെ പ്രാഥമിക വിലയിരുത്തൽ ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗം അധ്യാപകർ നിർവഹിക്കേണ്ടതാണ്. (ആവശ്യമെങ്കിൽ അതതു സമയത്ത് അതിനായി ഉപസമിതിയെ ഏർപ്പെടുത്താവുന്നതാണ്.)
16. പ്രാഥമിക വിലയിരുത്തലിനു ശേഷം അഞ്ചു പ്രബന്ധങ്ങൾ അവാർഡുനിർണ്ണയത്തിനായി തെരഞ്ഞെടുക്കേണ്ടതാണ്.
17. അവാർഡു നിർണ്ണയത്തിനായി മൂന്നുപേരടങ്ങുന്ന സമിതിയെ മലയാളവിഭാഗം കണ്ടെത്തി നിയമിക്കേണ്ടതാണ്.
18. പ്രസ്തുത സമിതി ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാള വിഭാഗത്തിൽ യോഗം ചേർന്ന് അഞ്ചു പ്രബന്ധങ്ങളും വിലയിരുത്തി ഒരേണ്ണം അവാർഡിനായി തെരഞ്ഞെടുക്കേണ്ടതാണ്.
19. അവാർഡ് നിർണ്ണയ സമിതിയുടെ തീരുമാനം അന്തിമമായിരിക്കും.
20. അവാർഡിനായി സമർപ്പിക്കുന്ന പ്രബന്ധങ്ങളിൽ പ്ലേജറിസം ഇല്ലെന്ന് അപേക്ഷകർ സാക്ഷ്യപ്പെടുത്തേണ്ടതാണ്. പ്ലേജറിസവുമായി ബന്ധപ്പെട്ട കാര്യങ്ങളിൽ അവാർഡ് നിർണ്ണയസമിതിക്കോ ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിനോ കോളേജിലെ മലയാളവിഭാഗത്തിനോ ഉത്തരവാദിത്തമുണ്ടായിരിക്കുന്നതല്ല.
21. അവാർഡിനായി അപേക്ഷിക്കുന്ന പ്രബന്ധത്തിന്റെ ഒരു കോപ്പിയാണ് സമർപ്പിക്കേണ്ടത്. പ്രബന്ധം ആലുവ യൂണിയൻ ക്രിസ്ത്യൻ കോളേജിലെ മലയാളവിഭാഗത്തിൽ എത്തിക്കേണ്ടതാണ്.
22. അവാർഡിനായി സമർപ്പിക്കുന്ന പ്രബന്ധങ്ങൾ തിരിച്ചു നൽകുന്നതല്ല.
23. പ്രബന്ധത്തിന്റെ ഘടന, രീതിശാസ്ത്രത്തിന്റെ പ്രസക്തി, രീതിശാസ്ത്രത്തിന്റെ പ്രയോഗം, ഗവേഷണ വിഷയത്തിന്റെ പ്രസക്തി, പ്രബന്ധാവതരണരീതി, ഭാഷ എന്നിവയായിരിക്കും അവാർഡ് നിർണ്ണയ മാനദണ്ഡങ്ങൾ
24. അവാർഡ് നിർണ്ണയത്തിന്റെ മാനദണ്ഡങ്ങൾ ആവശ്യമെങ്കിൽ കാലാനുസൃതമായി മലയാളവിഭാഗത്തിന് പരിഷ്കരിക്കാവുന്നതാണ്.

ഈ കരാർ ഇരുകക്ഷികളും പരസ്പരം ബോധ്യപ്പെട്ട് അംഗീകരിച്ചിട്ടുള്ളതാകുന്നു.

  
എബി പോൾ

  
ഡോ. അർ കെ.സൈമൺ  
പ്രിൻസിപ്പാൾ

സാക്ഷികൾ

1. ഡോ. വിധു ന. രാമൻ 
2. ഡോ. മിനി ആലീസ് 



## **MoU Between Malayalam Department, Union Christian College and Family Members of Sinu Varghese Instituting the Sinu Varghese Memorial Endowment Award**

Agreement between Aby Paul, wife of Sinu Varghese as first party and Dr. Thara K. Simon, Principal, UC College, Aluva as second party on mutual consent.

- 1) Parties
  - 1) Aby Paul, wife of Sinu Varghese representing the family
  - 2) Dr. Thara K. Simon, Principal, Union Christian College, Aluva
- 2) The endowment will be instituted in the Malayalam department, Union Christian College.
- 3) The HOD of the Malayalam department, Union Christian College will be entrusted with the various procedures related to the selection and distribution of the award.
- 4) Aby Paul and family members have handed over an amount of Rs.5 lakhs to the college for the endowment award.
- 5) The amount handed over for the endowment will be kept as fixed deposit in the Bank of India, Union Christian College branch in the name of the Principal, Union Christian College.
- 6) 75% of the annual interest will be utilized for the endowment award every year.
- 7) The remaining 25% of the interest amount will be returned to the capital
- 8) All financial transactions and responsibility regarding the money will be entrusted with the Principal, Union Christian College.
- 9) The award money will be Rs.10000 for the best Malayalam PhD thesis awarded every year during the period from Jan 1<sup>st</sup> and Dec. 31<sup>st</sup>
- 10) The award will be named "Sinu Varghese Memorial Award"
- 11) All procedures related to the selection and distribution of the award are entrusted with the HOD, Malayalam department, UC College
- 12) All faculty of Malayalam department would be committee members entrusted with the duties in connection with the finalization of the award
- 13) Entries for the award should be submitted in print or book form
- 14) Proof of award of PhD should be submitted along with the thesis
- 15) Preliminary evaluation of the thesis should be done by the faculty of the Malayalam department, UC College (if necessary, a sub committee can be constituted for the same)
- 16) After the preliminary evaluation, five theses will be short listed
- 17) A Three-member committee may be constituted by the Malayalam department for finalizing the award.
- 18) The above committee will evaluate the five theses and select one of them for the award





- 19) The decision of the committee would be final
- 20) A zero plagiarism certificate should be provided by the applicant. Neither the committee nor the Malayalam department, UC College would be responsible for matters related with plagiarism.
- 21) One copy of the thesis should be submitted to the Malayalam department
- 22) The theses submitted for the award will not be returned.
- 23) The structure of the thesis, the relevance and application of the theory, the relevance of the research topic, presentation style and language will be the criteria for determining the award.
- 24) The Malayalam department, UC College may amend the terms and conditions of the award as and when required.



## Report of the MoU Between Department of Malayalam, Union Christian College and Aby Paul for Establishing Sinu Varghese Endowment Award

The MOU between Department of Malayalam, Union Christian College and Aby Paul was signed on 14.01.2022, with no restriction of time period. This award was established in the memory of Sinu Varghese, a research scholar.

Under this MOU, every year, the best Ph.D. thesis in Malayalam language and literature would be given a cash award of Rs. 10,000. The Malayalam department would be coordinating the selection of the Ph.D. thesis as well as the award distribution.

### Report of the activity and Proof

A cash prize of Rs. 10,000 was handed over to Dr. Krishna Aravind for her Ph.D. research on 'Rasachintha padana sankalpanangale adisthanamkiyulla vishakalanam'. The award was distributed by famous writer T.D. Ramakrishnan and was distributed on Malayala Pournami 2022, an alumni meet program. As Proof, a newspaper report of the Sinu Varghese award for the year 2022 is presented.



### Outcome of the Activity

The award gives motivation to research scholars to pursue quality research and reach excellence in their respective fields.





കേരളം KERALA

No: SL/UCALUVA/21-22

25AA 354216

Date: 17/8/2021

Agreement

This deed of Agreement made on 17th August 2021 by and between the Manager UC College, Aluva of one part herein after referred to as the first party and Redeem Sports Pvt Limited headed by Shri.Tinu Yohanan (T.C.Yohanan Sports Foundation for Reviving Sports & Empowering Youngsters) represented by its Manager hereinafter referred to as the second party of another part.

Whereas the second party has made a request to the first party, for granting permission to it to use the Cricket fields, nets and dressing rooms situated near South west side of the cricket ground and jogging track of the cricket field, for giving coaching to their trainees. And whereas the first party has agreed to grant permission to the second party, subject to the following terms and conditions.



*[Signature]*

MANAGER  
UNION CHRISTIAN COLLEGE  
ALUVA - 683 102

*[Signature]*



3353 17/8/2021 20/  
Redeem Sports Pvt. Ltd.  
Aluva.





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Rs. 20

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RUPEES

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INDIA NON JUDICIAL

Therefore, this agreement witness as follows

1) The permission granted is for giving training to the trainees throughout the week commencing from 08/08/2021 KERALA, for initial period of One year and can be further extended to five years by mutual agreement: 25AA 354217

- 2) The time allowed is from 6.30 AM to 8.30 AM and evening 3.30pm to 6.30pm (Saturdays) and 4.00 PM to 6.30 PM on all week days. On Sundays and holidays timing is from 8.00am to 5.00pm.
- 3) The coaching shall not affect the normal use of ground by the College or its students, the facilities will extend to the college players for were as recommended by the Physical Education department and the decision of the first party in this regard shall be final.
- 4) Second party will extend the service of their fitness trainer to the entire sports teams of UCC in morning sessions free of cost.
- 5) Second party will provide coaching to UC college cricket teams along with their regular sessions without any fees incurred.
- 6) Cricket clinics shall be offered by the first party which can be benefitted to the college students as well.
- 7) Whenever the college management requires the said ground for college management's purposes, the first party has the right to direct the second party suspend the coaching/ withdraw the permission granted for such day or days, after giving intimation to the second party and such direction of the first party shall be binding on the second party.



3354

17/8/2021 20/-  
Redeem Sports Pvt. Ltd.  
Aluva



MANAGED  
UNION CHRISTIAN  
ALUVA 192





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RUPEES



8) If the ground is unavailable for training a period exceeding 7 days, the first party shall give one week notice to the second party.

9) The second party shall not transfer the permission granted by this agreement for training in the ground, to anyone else.

10) The second party shall not carry out any work or alternation in the ground without the written consent of the first party. 25AA 354218

11) The second party, shall not use the nets and dressing room for any other purpose than providing coaching/ courses & trainings for trainees & Coaches, matches for the purpose of training. However for the first party has the right to regulate or restrict such matches.

12) The second party shall not give training to any trainee/person who in the opinion of the first party shall not be permitted to undergo training in the ground of the College and the decision of the first party in this regard shall be final and binding.

13) The second party will be fully liable and responsible for the conduct of the trainees and coaches during the training and in connection with the same.

14) The financial and administrative responsibility of the coaching program is completely vested upon the second party, and the first party shall not responsible for such and any other matters connected with the training.

15) The first party has agreed to provide a toilet facility for the players (Men- near Basketball court and Women- women waiting room). The above facilities will be provided at the sole discretion of the first party. It is the liability of the second party to oversee cleanliness of the area during their coaching time.



3355 17/8/2021 20/-  
Redeem sports Pvt. Ltd.



MANAGER

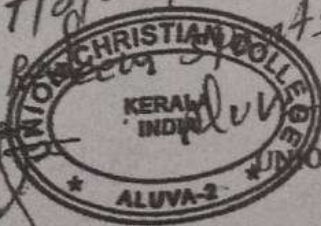
UNION CHRISTIAN COLLEGE  
ALUVA - 683 102







- 16) The first party has agreed to give permission to the parents of the players to enter the ground during training given by the second party. 25AA 354219
- 17) Either party can terminate this agreement before the expiry of the period of agreement by giving 7 days to the other party for violation of the terms of this agreement by the other party or any other reasons whatsoever.
- 18) On the expiry of the period of the agreement, if the second party makes a request, it can be renewed for a further period, solely at the discretion of the first party.
- 19) The second party will have to pay amounts for construction of 1 concrete wicket Net, maintenance of the existing net, maintain existing centre mud pitch and purchase of coil mat for practice matches and monthly maintenance of the existing field to the first party and the first party will take up the construction work according to the demand of the second party. In the event of termination of the agreement before the expiry of the term of the agreement by the second party for any reason whatsoever or termination by the first party for breach of any of the terms the agreement by the second party or for any reason beyond the control of the first party, the above amount incurred in connection with the construction of the facility by the second party will not be refunded even in part.
- (Approximate Estimate - Construction of concrete pitch with nets and maintenance of existing approximate cost 1 lakh, initial maintenance clearing cricket ground 15000/-, Maintain existing centre mud pitch - 15000/- and the year around maintenance Rs.50000/-)



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- 20) The second party will construct the additional facilities (indoor cricket practice facility with Astro turf and 4 natural turf pitches with net by September 2022 upon the renewal of the agreement
- 21) The second party shall be liable and responsible for any loss or damage caused to the first party in connection with the above agreement.
- 22) All the payment in connection with the construction of the infrastructure should be paid by the second party through College Bursar's office.

*[Signature]*

*[Signature]*

MANAGER  
UNION CHRISTIAN COLLEGE  
ALUVA - 683 102



3357 17/8/2021 20/-  
Redeem Sports Pvt. Ltd.  
Aluva



This Agreement is prepared in duplicate and original shall be kept with the first party and the duplicate shall be given the second party.

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)  
Manager  
College Aluva  
The first party

*[Signature]*  
17/08/2021

MANAGER  
UNION CHRISTIAN COLLEGE  
ALUVA - 683 102

(2)  
Managing Director  
Redeem Sports Pvt. Limited  
Second party

*[Signature]*  
17/08/2021



Witnesses

*[Signature]*  
17/08/2021  
Dr. Rachel Reena Philip  
Principal/Creating & Disbursing Officer  
Union Christian College, Aluva.

*[Signature]*

Sop Mathew Dan





## **Report of the MOU with T.C. Yohannan Sports Foundation and Union Christian College, Aluva (Physical Education Department)**

### ***Union Christian College Cricket Academy: Fostering Excellence in Cricket***

At Union Christian College, cricket has been an integral part of our sporting legacy since its inception. With a strong commitment to nurturing talent and promoting sportsmanship, our Men's and Women's cricket teams actively participate in various district, university, and state level championships. The collaboration with KCA Women's Cricket Academy at Union Christian College has proven to be instrumental in empowering aspiring cricketers and elevating the standard of cricketing excellence. The abstract highlights the college's commitment to providing a nurturing environment for cricket enthusiasts, fostering growth, and producing exceptional sporting talent. One of the cornerstones of our success in cricket has been our strategic associations with professional academies. We have had the privilege of partnering with esteemed institutions like T.C. Yohannan Sports Foundation Cricket Academy, an initiative by Redeem Sports Pvt. Ltd., headed by Mr. Tinu Yohannan, a former Indian Cricket player. This partnership, which commenced in August 2021 for a period of 5 years, was established to revive the cricketing culture at Union Christian College. Through this alliance, our cricket infrastructure has been upgraded, providing our students access to professional coaches and innovative training methods. At Union Christian College Cricket Academy, we continue to believe in the power of sports to inspire, transform, and create future leaders. We are committed to nurturing the spirit of cricket among our students, and our partnerships with reputed organizations further reinforce our mission to achieve excellence in the world of Cricket.

**Class Timings:** We have sessions available in the evening, ensuring flexibility and accessibility for all.

**Saturday & Sundays – 7.00AM to 5.00PM**

**Coach: Mr. Anson Antony**



**Activity and Proof:** The MoU was signed for reviving Sports & empowering youngsters through trainer service to Union Christian College team, coaching etc.

**T C YOHANNAN  
SPORTS FOUNDATION  
CRICKET ACADEMY**

AN INITIATIVE BY

 **REDEEM  
SPORTS PVT.LTD.**

IN ASSOCIATION WITH

Est. in 1921

 **UNION CHRISTIAN  
COLLEGE, ALUVA**

**CONTACT**  
**93 87 87 87 84**

**VENUE**  
**UC COLLEGE ,ALUVA**

**NO AGE LIMIT**

- **SPECIAL TRAINING FOR FAST BOWLERS**
- **CENTER WICKET SESSIONS**
- **FELDING SESSIONS**
- **STRENGTH & CONDITIONING SESSIONS**
- **PRACTICE MATCHES**

**FROM  
APRIL  
1**

**2k22**





# UNION CHRISTIAN COLLEGE, ALUVA

Affiliated to Mahatma Gandhi University, Kottayam, India

NAAC Re-Accredited with A Grade in 4<sup>th</sup> Cycle (CGPA 3.45)

[www.uccollege.edu.in](http://www.uccollege.edu.in)

SSR  
5<sup>th</sup> CYCLE  
2023



**TC YOHANNAN SPORTS FOUNDATION**

**CRICKET SUMMER COACHING CAMP**

**2k23**

**FROM APRIL 1**

**VENUE: UC COLLEGE ALUVA**

**FOR REGISTRATION 9387 8787 84**

- ★ **FREE FOR GIRLS**
- ★ **BASICS OF THE GAME**
- ★ **EMPHASIS ON MATCHES**
- ★ **PHYSICAL & MENTAL CONDITIONING SESSIONS**



**Academic Agreement  
between  
Indiana University of Pennsylvania  
and  
Union Christian College  
Fall 2021**

## **INTRODUCTION**

This agreement is written in the spirit of promoting international friendship by supporting intercultural activities and projects between the United States and India.

Indiana University of Pennsylvania (hereinafter IUP) and Union Christian College (hereinafter UCC) enter into this agreement beginning with Fall 2021. The purpose of this agreement is to formalize the cooperative activities that exist between IUP and Union Christian College in the areas of reciprocal welcome of students, faculty, and scholars.

This agreement supersedes all and any Agreements previously entered by both IUP and UCC; including Memorandums of Understanding, Addendums to Memorandums of Understanding, 2+2 Undergraduate Program Agreements, and Exchange Agreements.

Either party to this agreement can terminate the agreement with a 90-day written notification. In such case, the programs in progress at the time of termination would continue until the end of the academic year.

The program will be financed on the basis of reciprocity, with each of the parties to the agreement responsible for the expenses incurred outlined in *Article 3* below. Fluctuations in the rate of exchange will not change the reciprocal obligations of either party to this agreement.

## **ARTICLES**

### **Student Exchanges**

*Article 1:* IUP and UCC agree to base their exchanges on the principle of reciprocity. The contributions of each of the parties may be periodically reviewed by IUP and UCC on the basis of both feasibility and past experience. Changes based on the findings of this review must be agreed upon by both parties in writing and may be appended to the original agreement.

Exchanges will take place on a one-for-one basis (one semester for one semester). The length of student exchanges may be one semester (fall or spring) or two semesters (fall and spring). Should students wish to remain at either institution for the duration of their studies, and not just for the terms of their original exchange, they may do so. However, it will be at the individual student's



expense and will **not** be part of the one-for-one arrangement. For example, a UCC student wishing to remain at IUP for any semesters beyond the initial exchange period will do so at his/her own expense for tuition, fees, and living expenses. Likewise, an IUP student wishing to remain at UCC for longer than two semesters will be responsible for any and all expenses, charges and fees.

The maximum "banked" semesters owed to either participating university is three (3) semesters. For example, if IUP sends 3 students (6 semesters) to UCC, and UCC sends 6 students (12 semesters) to IUP, there is a 6 semester bank owed to IUP. In this case, no further students will be accepted from UCC until IUP sends at least 2 students (4 semesters) to UCC, resulting in a 2 semester bank owed by IUP. However, it would be below the 3 semester limit and 1 additional student from UCC could attend IUP.

IUP and UCC exchange students will have an appointed advisor at the exchange institution to assist the students during the exchange.

**Article 2:** The exchange of students will be university-wide with the following restrictions:

**IUP Restrictions**

- a) One semester exchange maximum per graduate student.
- b) Payment of any associated tuition and fees at normal non-resident rate if total credit hour registration in any academic term exceeds the maximum full-time credit hour total for IUP undergraduate or graduate enrollment.
- c) No winter, summer, or inter-semesters will be covered under this agreement.

**UCC Restrictions**

- a) Five weeks exchange for Graduate and Undergraduate Students of UCC visiting IUP, USA.
- b) No stay beyond five weeks is permitted
- c) Those who want to do MS in IUP should follow the procedure of IUP and UCC will not be responsible for any arrangement.

**Article 3:** Financial terms of exchange of students between IUP and UCC:

**IUP exchange students will be responsible to pay:**

- a) Exchange fee as set and collected by IUP;
- b) Any housing and meal fee options elected by the student;
- c) Expenses related to elective excursions and personal expenses;
- d) Any optional or penalty fees incurred by action of the student (e.g., damages, key fees, infirmary fees, late fees, etc.);
- e) Airfare and transportation costs;
- f) All exchange students attending UCC will have appropriate medical coverage, including health insurance and life insurance. Proof of insurance will be required of each student from IUP attending UCC.

**UCC exchange students will be responsible to pay:**

- a) Exchange fee as set and collected by UCC;
- b) Any housing and meal fee options elected by the student;

- c) Expenses related to elective excursions and personal expenses;
- d) Any optional or penalty fees incurred by action of the student (e.g., damages, key fees, infirmary fees, late fees, etc.);
- e) Airfare and transportation costs;
- f) All exchange students attending IUP will have appropriate medical coverage, including health insurance and life insurance. Proof of insurance will be required of each student from UCC attending IUP.

Article 4: UCC exchange students will be accepted at IUP provided the exchange students meet existing admissions requirements. Further, UCC exchange students will be accepted by IUP at the level of their qualifications. UCC students will take IUP courses and appropriate exams, which will be evaluated for the degree of quality. UCC students satisfactorily completing IUP coursework will be issued official transcripts. Similarly, IUP students will be accepted by UCC at the level of the student's qualifications. IUP students will take UCC courses and appropriate exams, which will be evaluated for the degree of quality. IUP students satisfactorily completing UCC coursework will be issued official transcripts.

Article 5: Parties of this agreement may consult about issues arising under this agreement, and understandings reached through these consultations may be appended to this agreement.

Article 6: Additional UCC exchange students are welcome to attend IUP at a reduced tuition rate (170% of in-state tuition). All applicable fees will be paid by these additional UCC students. These UCC students will not be counted in the one-for-one exchange arrangement but will still be considered participants of this agreement.

#### Undergraduate Degree-Seeking Students

Article 7: UCC students seeking academic degrees from IUP are welcome to attend IUP for a degree at a reduced tuition rate as follows:

##### UNDERGRADUATE:

- 170% of in-state tuition

All applicable fees will be paid by these additional UCC students. These UCC students will not be counted in the one-for-one exchange arrangement but will still be considered participants of this agreement.

UCC will work with IUP in the recruitment of qualified students. UCC accepts responsibility for onsite promotional efforts. UCC agrees that all promotional materials will be consistent with degree requirements spelled out in current IUP catalogs and websites with the provisions in this agreement related to coursework timing and delivery. UCC agrees to send IUP's Office of International Education copies of all printed and electronic promotional materials associated with this agreement.

Based solely on this agreement, each UCC student seeking a degree from IUP will be responsible for payment to IUP for the following:

- a) Admission Application Fee;
- b) Reduced tuition (170% of in-state tuition) for undergraduate students;
- c) All required semester IUP fees;



- d) Any associated tuition and fees at normal non-resident rate if total credit hour registration in any academic term exceeds the maximum full-time credit hour total;
- e) Any housing and meal fee options elected by the student;
- f) Any optional or penalty fees incurred by action of the student (e.g. damages, key fees, infirmary fees, late fees, etc.).

Article 8: This agreement covers students enrolled in their current degree programs. Students wishing to continue after obtaining their current degree to pursue a second degree will be subject to all non-resident tuition and fees.

### **Faculty and Staff Exchanges**

Article 9: The exchange of faculty and professional staff will be based on the principle of reciprocity.

- a) Exchange professors at either institution shall be provided an appropriate office.
- b) Teaching courseloads and working hours and conditions shall be in accordance with established rules and practices of the host institution, although courseloads and working hours may be modified downward at the discretion of the host institution.
- c) Each exchange faculty is responsible for his/her own transportation, housing, living expenses, hospital and medical expenses (health insurance), as well as all personal expenses; unless otherwise supported by special funding. The host university may help the exchange faculty in finding housing, but the expenses thereof shall be totally borne by him/her.
- d) Nothing in the above listed articles shall be construed to imply a prior financial obligation by either party. Any financial commitment by either party to this agreement must result from, in each case, a specific written accord detailing such commitments.

Article 10: The host institution will approve, in writing, 90 days prior to the exchange the responsibilities of the exchange participant, the period of the exchange, and any other conditions governing the term of the exchange.

Article 11: Financial arrangements will be as follows:

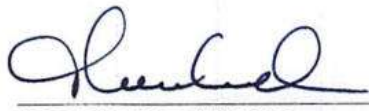
- a) The home university or the participant will cover the cost of travel to and from the host university.
- b) The home university will pay the participant his/her usual salary during the period of the exchange.

Article 12: All participants will be required to meet language skills as prescribed by the host institution.

APPROVALS

  
IUP PRESIDENT

April 26, 2021  
DATE

  
IUP PROVOST AND  
VICE PRESIDENT: ACADEMIC AFFAIRS


21 April 2021  
DATE



IUP ASSOCIATE VICE PRESIDENT:  
INTERNATIONAL EDUCATION AND  
GLOBAL ENGAGEMENT  
DATE

April 13, 2021

  
Rev. Thomas John  
UCC MANAGER  
MANAGER  
UNION CHRISTIAN COLLEGE  
ALUVA - 683 102  
03/27/2021  
DATE

  
UCC PRINCIPAL  
Dr. Rachel Reena Philip  
Principal  
Union Christian College, Aluva  
27/03/2021  
DATE





## REPORT OF THE MOU WITH INDIANA UNIVERSITY OF PENNSYLVANIA AND UNION CHRISTIAN COLLEGE, ALUVA (BIOSCIENCES DEPARTMENT)

The MOU between Union Christian College, Department of Bioscience and Indiana University of Pennsylvania (IUP) was signed in the fall of April 2021.

### Activity and Proof

The MoU was signed to formalize the cooperative activities that exist between IUP and Union Christian College in the areas of reciprocal welcome of students, faculty and scholars.

#### 1. Lecture on “Significance on Genomic and Proteomic Studies in Plant Microbe Interactions”

As part of the MOU with Indiana University of Pennsylvania (IUP) USA, Department of Biosciences organized a lecture on “Significance on Genomic and Proteomic Studies in Plant Microbe Interactions” on 18<sup>th</sup> January 2023 at 10.30 AM in the TB Ninan Hall, Union Christian College, Aluva. Dr. N. Bharathan, Chair and Professor, Biology Dept., Indiana University of Pennsylvania, USA delivered the talk on the subject.





## Outcome of the activity

The Post Graduate students of Biotechnology, Bioinformatics, Botany, and Zoology got a deeper understanding about the concepts of plant genomics and proteomics.

## 2. Meeting with IUP delegates

In continuation with the MOU signed between Indiana University of Pennsylvania and Department of Biosciences, Union Christian College, a high level discussion was held on 12<sup>th</sup> January, 2023 at Hotel Taj West End, Bengaluru for exploring opportunities for further association and Global partnership. Dr Lara Luetkehans, Provost and VP of Academic Affairs, Dr Michele Petrucci, Associate Provost, Dr N Bharathan, Chair and Professor Biology Dept. represented Indiana University of Pennsylvania and Dr. Susan Eapen Former Scientist BARC & Adjunct Professor, Dr. Sareen Sarah John, Head & Assistant Professor, Department of Biosciences represented Union Christian College in the discussion.





### Outcome of the activity

Established further association with Indiana University of Pennsylvania, USA and Union Christian College, Aluva, Kerala.

### 3. Exchange Visitor Scholar Program- Indiana University of Pennsylvania (IUP), USA.

Dr. Sareen Sarah John , Assistant Professor, Department of Biosciences, Union Christian College, Aluva visited Indiana University of Pennsylvania, USA as Exchange Visitor Scholar and took 5-week Advanced Training/research program on *Molecular Characterization of Double Stranded (ds)RNA and Protein Signatures Development in the Fungus Rhizoctonia solani* from 12<sup>th</sup> March 2022 to 30<sup>th</sup> April 2022. This training program was accomplished as part of the MOU between the Department of Biosciences, Union Christian College, Aluva, India and the College of Natural Sciences & Mathematics and Department of Biology, Indiana



University of Pennsylvania (IUP), PA 15705, USA for academic collaboration and faculty and student exchange.



### Outcome of the activity

Academic collaboration and faculty exchange between the two institutions.

#### 4. Valedictory function of Online Certificate Course on “Gene Editing Tools in Medicine & Biotechnology

The valedictory function of the **Online Certificate Course on “Gene Editing Tools in Medicine & Biotechnology** was conducted on March 7<sup>th</sup> 2022 at T.B Ninan Hall Union Christian College, Aluva. Faculty, Research scholars and students were presented with a Certificate jointly signed by Faculty Instructor from Indiana University of Pennsylvania (IUP) USA and Union Christian College, Aluva, Kerala upon completion of the certificate course.





## Outcome of the activity

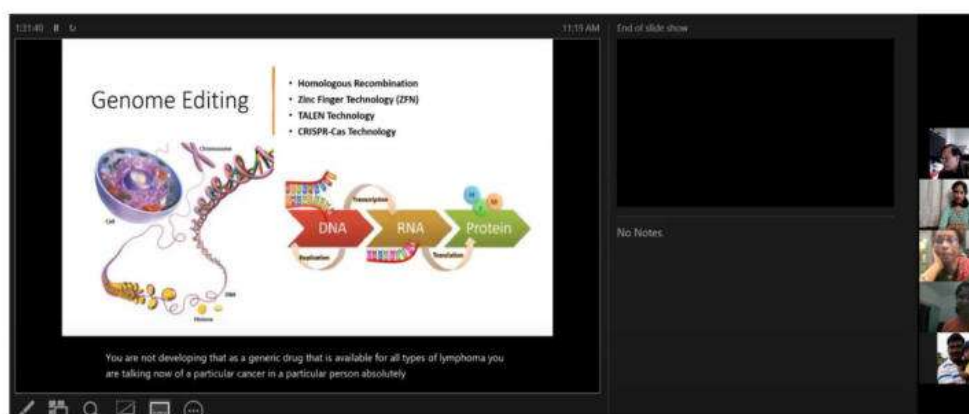
Participants shared specific details about what they found valuable in the course, how it has impacted their skills or knowledge, and the tangible results they've achieved.

### 5. Online Certificate Course on “Gene Editing Tools in Medicine & Biotechnology

As a part of the academic collaboration with the College of Natural Sciences & Mathematics and Department of Biology, Indiana University of Pennsylvania, the Department of Biosciences offered an “Online Certificate Course on “Gene Editing Tools in Medicine & Biotechnology” under the mentorship of Dr. N. Bharathan, Chair

& Professor, Biology Department for the Post Graduate students, Faculty and Research Scholars of Biosciences, Botany & Zoology Departments of Union Christian College and a limited number of outside students and faculty.

The virtual classes were held from October 2021 to February 2022. Dr. N. Bharathan, Chair, Biology (IUP) took classes for 3 hours every Saturday & Sunday through Zoom platform. Classroom lectures included types of gene editing tools, principles of CRISPR-Cas9 gene editing and its application in agriculture, vector-borne diseases, viruses, drug therapeutics, drug development, and cancer immunotherapy.



## Outcome of the activity

Two exams, written assignments and discussion forums were conducted to assess the knowledge gained by each participant during the course and also could complete the certificate programme in association with IUP.

## 6. Genomics and Proteomics based approach to identify Biological Agents

To initiate the MOU with Indiana University of Pennsylvania (IUP) USA, Department of Biosciences Union Christian College, Aluva, Kerala conducted a lecture on Genomics and



Proteomics based approach to identify Biological Agents on 27<sup>th</sup> March, 2021 at TB Ninan Hall, Union Christian College, Aluva. Prof. Dr. N. Bharathan PhD, Professor & Chair, Biology, Indiana University of Pennsylvania, Pennsylvania, USA served as the resource person.



### Outcome of the activity

Union Christian College started the discussion about the possibilities of a MOU between with Indiana University of Pennsylvania (IUP) USA, Department of Biosciences Union Christian College, Aluva, Kerala. Students of Biosciences, Zoology departments got a deeper understanding about the concepts of genomics and proteomics in medicine.



# EXTERNSHIP PROGRAM

## Contract Agreement



## **CONTRACT AGREEMENT**

THIS AGREEMENT HAS BEEN EXECUTED ON THE **26<sup>th</sup> DAY OF November 2021**  
BETWEEN

**M/s. Union Christian College**, having its registered address at Aluva - 683102, Kerala, India. hereinafter referred to as “**College**”.

AND

**M/s. SmartBridge Educational Services Pvt. Ltd**, having its corporate office at Plot No. 132, 2<sup>nd</sup> Floor, Above DCB Bank, HMT Nagar, Nacharam, Hyderabad, Telangana – 500076 hereinafter referred to as “**Company**”.

NOW, THEREFORE, for and in consideration of the mutual understanding i.e. Proposal/s, benefits and covenant contained herein and for other good and valuable considerations sufficiency's of which are hereby acknowledged among all the directors, intending to be legally bound, hereby agree as follows:

### **1. SCOPE OF WORK:**

Both the parties agreed to work collaboratively & execute Externship program for the students to build practical skills through Hands-on Projects, refer **Annexure-1** for the complete details of the externship program.

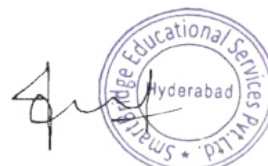
### **2. ROLES & RESPONSIBILITIES:**

#### **2.1 COMPANY'S ROLE & RESPONSIBILITIES:**

- a. Enrolling the students to the platform
- b. Provide online training to the students
- c. Assigning the mentors to the students
- d. Enrolling students to IBM Academic Initiative
- e. Reviewing the project deliverables of students
- f. Reviewing the project documentation
- g. Approve the projects.
- h. E-Certificate generation & distribution
- i. Generating interim & final reports of the program



Dr. A V Alex ,Director, MCA  
Union Christian College



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## **2.2 COLLEGE'S ROLE & RESPONSIBILITIES**


- a. Assign a SPOC for the program
- b. Enroll the students to the program
- c. Confirm the training calendar
- d. Coordination with SmartBridge team
- e. Coordination with students for training program
- f. Monitor the progress at each stage
- g. Generate feedback reports from students
- h. Coordinate with accounts for payments

## **3. COMMERCIALS & PAYMENT TERMS:**



- a. COLLEGE is liable to pay COMPANY **INR 4200/-** (Four thousand two hundred Indian rupees only) for each student taking part in the Program, which is inclusive of all applicable taxes.
- b. Above pricing is provided considering 110 or above nos. of confirmed Participants. The pricing may vary if the number of registrations are less than agreed.
- c. 30% of overall Invoice amount will be settled before the start date of program.
- d. 40% will be settled immediately after completion of training sessions (3 Weeks)
- e. 30% Balance amount will be cleared immediately after project development.
- f. Payment can be done via NEFT /RTGS based on the Invoice generated

## **4. GENERAL TERMS & CONDITIONS:**

- a. Students with successful project submissions only will receive the certificates.
- b. Entire program will be organized remotely via Zoom Meetings.
- c. Students must complete the e-learning courses assigned to them.
- d. Students must register in prior for the technical bootcamps as per the schedule.
- e. Students must complete the projects assigned to them without fail.
- f. Only e-certificates will be provided.
- g. The payments are non-refundable

  
Dr. A V Alex ,Director, MCA  
Union Christian College



  
  
SmartBridge




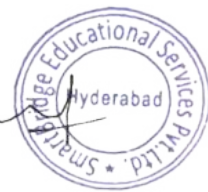


## 5. TERMS OF AGREEMENT:

This agreement will be reviewed, and may be modified or amended, through the mutual agreement of the signatory parties, as may be necessary to clarify and formalize roles, responsibilities, timelines, and assurances regarding the scope of work.

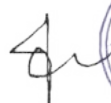

The agreement can be dissolved at any time after 26<sup>th</sup> February, 2022 from the date of entering in to this agreement by mutual consent of the parties, in which event the parties shall proceed with reasonable promptness to settle the accounts of the partnership as per the outlined guide lines.

IN WITNESS WHEREOF through their authorised representatives executed these presents and affixed Common Seals of their companies, on the day, month and year first mentioned above.

<p>For <b><u>Union Christian College</u></b></p>       <p>Name: Dr. Alex A V Designation: Director, MCA Department</p>	<p>For <b><u>SmartBridge Educational Services Pvt. Ltd</u></b></p>       <p>Name: Jai Prakash Netha Designation: Program Manager</p>
---	---

  
 Dr. A V Alex ,Director, MCA  
 Union Christian College




  
 SmartBridge

## Annexure – I (Externship Program)

### 1. Introduction:

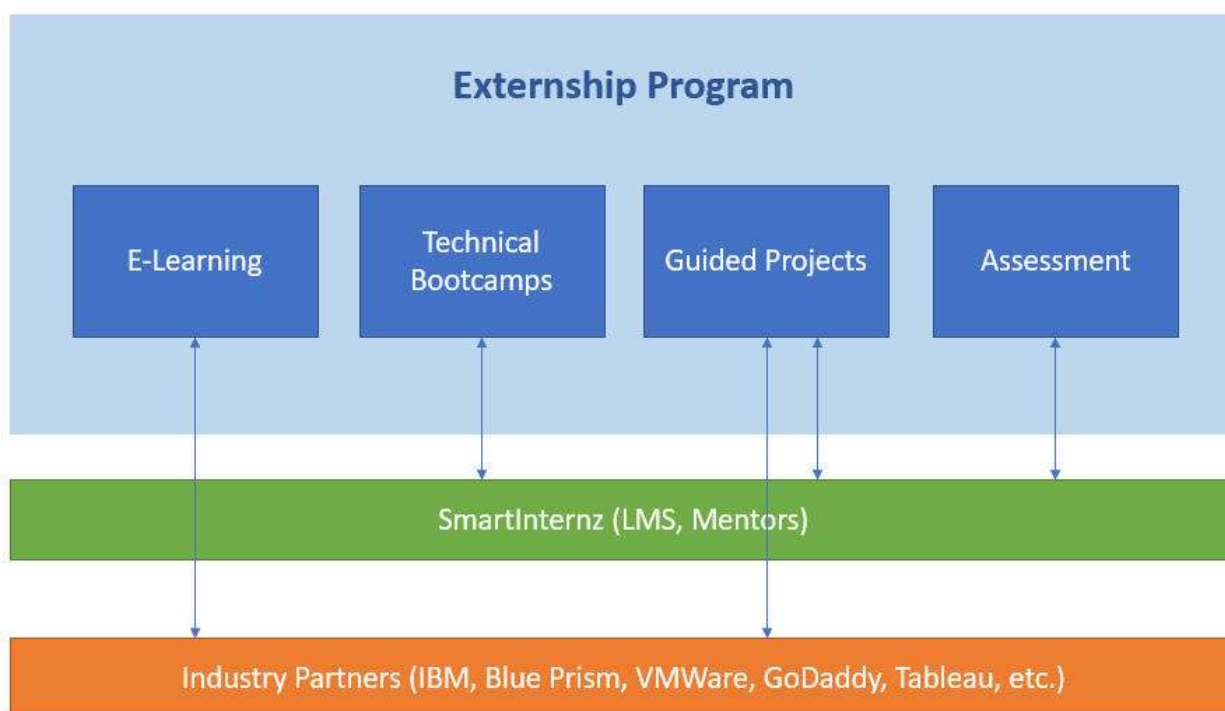
Externship is an experiential learning opportunity, similar to internships but generally shorter, provided by partnerships between educational institutions and employers to give students short practical experiences in their field of study.

Externships provide the unique opportunity for students to demonstrate what they've been learning in a real-world work environment, as well as a chance for the student to determine that the field they are interested in is a good fit.

Externships usually occur during the academic year, as a part of a student's curriculum, and provide an experiential learning environment that offers real-world insight to theoretical topics being learned about in college. Externships usually come about due to existing relationships between colleges and organizations willing to offer training.

### 2. Program Structure:

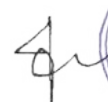

SmartBridge has partnered with corporates to bring this unique opportunity for the students. The program includes the learning resources, guided projects, and mentoring support.



The Externship program is an industry partnered program with learning, mentoring and hands-on experience with projects approved by companies.

  
Dr. A V Alex ,Director, MCA  
Union Christian College



  
  
SmartBridge



### 3. Externship – Applied Data Science (in partnership with IBM)

#### 3.1 Program Overview:

- a. 1-Months Program
- b. 40 Hrs. of online instructor-led training (daily 3 Hrs. for 3 Weeks)
- c. Access to online courses
- d. DevOps, Agile & Design Thinking mini courses from IBM
- e. Guided Project approved by IBM
- f. Mentor support
- g. Project completion certificate from IBM

#### 3.2 Course Outline:

##### **Introduction to Machine Learning**

- Overview of Foundation Training
- What is Machine Learning
- Use cases of Machine Learning
- Types of Data
- Role of Machine Learning Engineer
- Different types of Machine Learning

##### **Environment Setup of anaconda Introduction to python programming**

- Python Data Structures
- Python Programming Fundamentals
- Conditions and Branching
- Loops
- Functions
- Python Packages
- Overview of OOP Terminology

##### **Python for Data science**

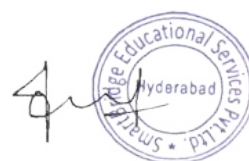
- Working with NUMPY
- Working with Pandas
- Introduction to Data Visualization
- Introduction to Matplotlib and Seaborn
- Basic Plotting with Matplotlib and Seaborn
- Working with Scikit-Learn

##### **Data Wrangling Techniques**

- Introduction to Data preprocessing
- Importing the Dataset
- Handling Missing data
- Working with categorical Data
- Splitting the data in to Train and Test set
- Feature Scaling



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Union Christian College



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## **Introduction to Supervised Machine Learning**

### **Introduction to Regression Algorithms**

- Linear Regression
- Multiple Linear Regression
- Polynomial Regression
- Decision Tree

### **Introduction to Classification algorithms**

- Logistic Regression
- K-Nearest Neighboring
- Support Vector Machine
- Naive-Bayes
- Decision Tree Classification
- Random Forest Classification

## **Model Evaluation for classification and regression problems**

### **Unsupervised Learning**

- K-Means Clustering

### **Introduction to different modes of Deployments**

- Working with the Flask framework
- Building an application with Flask Framework
- Integrating Machine learning model with Web Application
- Introduction to IBM Python Flask APP
- Deploying Python Flask application on IBM Python

### **Introduction to IBM Cloud Services**

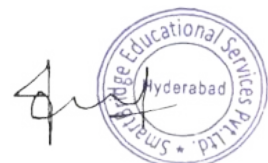
- Introduction to IBM Cloud
- Introduction to Watson Studio
- Building Machine learning model in Watson Studio
- Deploying Machine Learning Models as web services

### **Introduction to Auto AI**

- Building a Machine Learning Model Using Auto AI
- Introduction to IBM Node-red
- Integrating Machine Learning model to IBM Node-red
- Building Web Application



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Union Christian College



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### 3.3 Sample Certificate of Completion:



**Externship Certificate**



**Project Completion Certificate**

### 3.4 Pre-Requisites:

The student must fulfil the following requirements to join the program.

- This program has been offered exclusively to the students
- A valid document must be submitted to authenticate the students status
- Students shall have knowledge on fundamentals of python programming.
- Students must have a laptop / computer with min. 4GB RAM & i3 processor
- The institution shall accommodate the training programs in the academic schedule.
- The institution shall assign a faculty in charge for coordination.

*Dr. A V Alex*

Dr. A V Alex , Director, MCA  
Union Christian College



*[Signature]*  
SmartBridge Educational Services Pvt. Ltd. Hyderabad

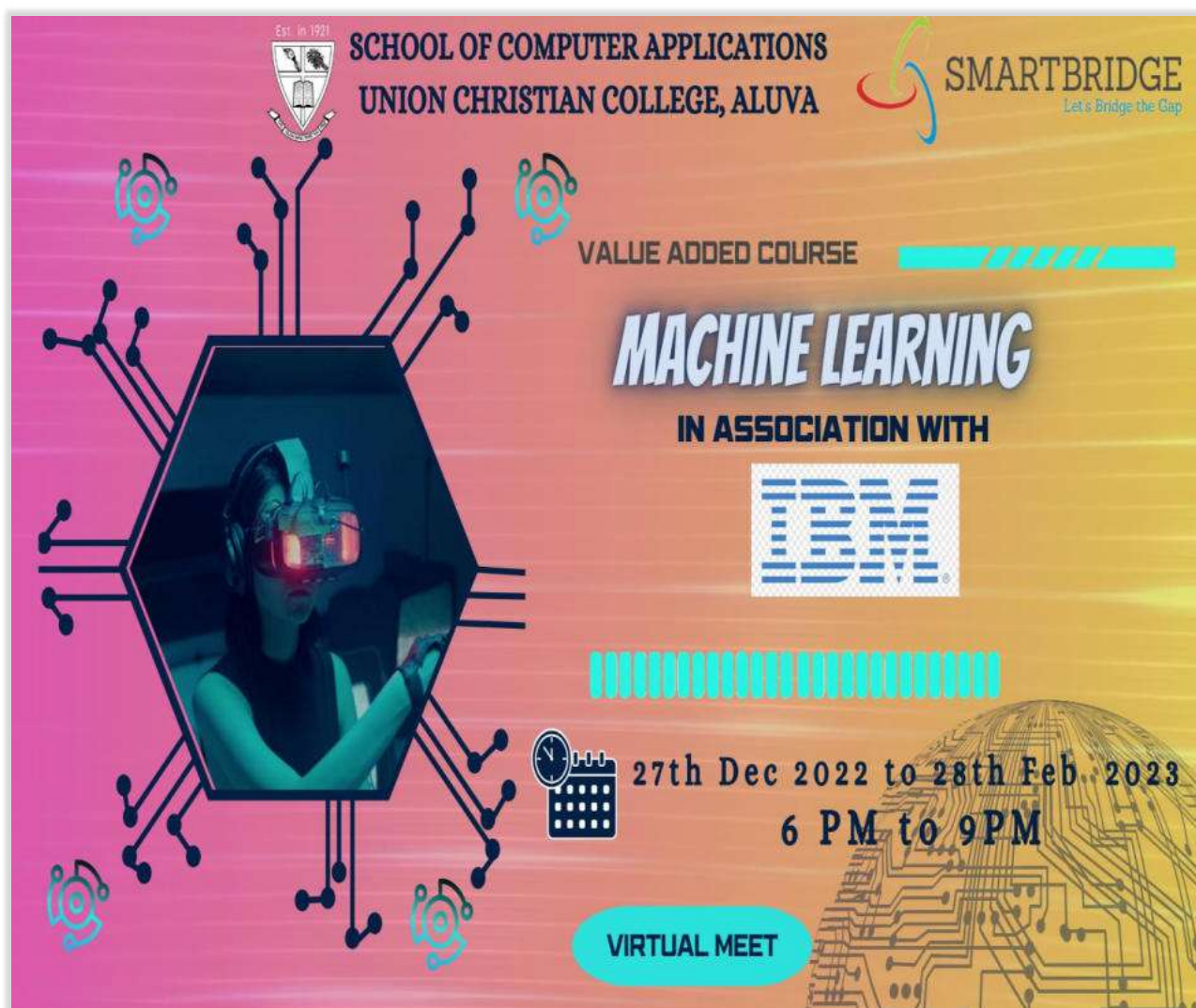
SmartBridge

## Report of the MOU with Smartbridge Educational Services Pvt. Ltd. Hyderabad and Union Christian College, Aluva (School of Computer Applications)

The MOU between Union Christian College, School of Computer Applications and Smartbridge Educational Services Pvt.Ltd. Hyderabad powered by IBM Developer Skills Network was signed on 26/11/ 2021. The contract is renewed yearly.

### Activity and Proof

The MoU was signed to associate with the company to provide an Externship program for the students to build practical skills through Hands-on Projects. The organization provides online training sessions in the evening and the students are assigned a project based on the course with a deadline to complete the project. The students who complete both the course and project will be provided an externship certificate by the organization. The students who complete only the course will be awarded a course completion certificate. The sample copy of the certificate received by a student of 2021-2023 batch is attached herewith.



The poster is for a 'Machine Learning' course. It features a central image of a person wearing VR goggles, surrounded by circuit-like lines. The text includes 'SCHOOL OF COMPUTER APPLICATIONS UNION CHRISTIAN COLLEGE, ALUVA' and 'SMARTBRIDGE Let's Bridge the Gap'. It also mentions 'VALUE ADDED COURSE', 'MACHINE LEARNING IN ASSOCIATION WITH IBM', and the dates '27th Dec 2022 to 28th Feb. 2023' from '6 PM to 9PM'. A 'VIRTUAL MEET' button is at the bottom.

Est. In 1921  
SCHOOL OF COMPUTER APPLICATIONS  
UNION CHRISTIAN COLLEGE, ALUVA

SMARTBRIDGE  
Let's Bridge the Gap

VALUE ADDED COURSE

**MACHINE LEARNING**  
IN ASSOCIATION WITH

IBM

27th Dec 2022 to 28th Feb. 2023  
6 PM to 9PM

VIRTUAL MEET





## Externship Certificate

This to certify that

**Devinarayanan K**

has successfully completed the externship program on Applied Data Science powered by IBM  
from 27 December 2022 to 11 February 2023 and fulfilled the project work requirements.

Certificate ID: Ext-ADS-2023-51146

February 14, 2023

Issued Date

Jayaprakash. Ch  
Program Manager



This is to certify that

**Devinarayan K**

has completed all courses in the learning path

**Power Management: Using Machine Learning for  
Enhanced Prediction of Full Load Electrical Power  
Output in Combined Cycle Power Plants**

a learning path on [smartbridge.skillsnetwork.site](https://smartbridge.skillsnetwork.site)

Powered by IBM Developer Skills Network

Issued by  
**SmartBridge**

Issued on  
**February 15, 2023**

**Power Management:  
Using Machine Learning  
for Enhanced Prediction  
of Full Load Electrical  
Power Output in  
Combined Cycle Power  
Plants** consists of the  
following courses:

- DevOps Fundamentals
- Design Thinking
- Agile Training Module

Rav Ahuja  
Program Director  
Skills Network, IBM

Anand Kumar  
Founder & CEO  
TheSmartBridge

Authenticity of this certificate can be validated by going to <https://smartbridge.skillsnetwork.kdircertificates/ibmcert5-v015-415d-acc9-84595f1e7c9f>



Date: 29<sup>th</sup> March 2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Devinarayanan K** pursuing Masters in Computer Applications from Union Christian College, Aluva has successfully completed his/her Externship with SmartBridge Educational Services Private Limited from 27<sup>th</sup> December, 2022 to 11<sup>th</sup> March, 2023.

During the period of Externship we found he/she had learned the concepts of **Machine Learning (ML)** and successfully completed a project.

We wish him/her all the best for his/her future endeavors.

Sincerely

**Ch. Jayaprakash**  
Lead Academia Initiative  
SmartBridge Educational Services Pvt. Ltd.

### Outcome of the activity

The students have completed the externship program by completing the course and developing a project based on the course.



## Memorandum of Understanding

The Memorandum of Understanding signed on 12-08-2022 is between the NGO PlanAtEarth and Union Christian College, Aluva. PlanAtEarth is a non-profit, registered as a Charitable Trust under the Travancore Cochin Charitable Societies Act (Date) and has been involved in the management of dry waste namely paper and plastic from 12-08-2022 onwards. As per this MOU PlanAtEarth will associate with U C College in various projects related to waste management, environment conservation, awareness programs and recycling.



Mujeeb Mohammed  
President  
PlanAtEarth



12-8-2022



PlanatEarth, XII/457 A, PO No 622, UC College PO Near Kolbe Ashram,  
Aluva, Kochi - 683 102.

Registration Number: ER-313/09

Registered as a charitable society under the Travancore-Cochin  
Charitable Societies Act - 1955

Kerala State Pollution Control Board approved Establishment.





കേരളം KERALA

DS 634055

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (here in after called as the 'MOU') is entered into on this the 23<sup>rd</sup> day of August, Two Thousand and twenty two (23/08/2022), 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

PLAN@Earth, an NGO a non-profit organization registered as a charitable trust under the Travencore Cochin Charitable Societies Act, (Plan@Earth, XII/457 A, PO No. 622, UC College P O, Near Kolbe Asram, Aluva, Kochi, Pin- 683102) represented by Mujeeb Mohammed, President, Plan@earth, (here in after 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 Part.

No. 8917 Date 16/8/2022 Rs. 100/-  
Principal UC College  
Linked with No. from ALUVA to

K. H. SHAJAHAN  
STAMP VENDOR  
ALUVA





(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) **PLAN@Earth**, the Second Party here in is engaged in providing various projects related to dry waste Management services, Environment conservation, awareness programs and Recycling.
- 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 First party will provide necessary arrangements for the Second party to implement the previously mentioned activity in the First Party's 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 23<sup>rd</sup> day of August, 2022.

For **Union Christian College, Aluva**

  
\_\_\_\_\_  
Authorized Signatory

For **PLAN@Earth**

  
\_\_\_\_\_  
Authorized Signatory

Union Christian College	Plan@Earth
Aluva	Plan@Earth, XII/457 A, PO No. 622, UC College P O, Near Kolbe Asram, Aluva, Kochi, Pin- 683102
Ph. 0484 2609194	Ph: 0484 2604181
Uccollege@uccollege.edu.in	info@planatearth.org
www.uccollege.edu.in	www.planatearth.org

Witness1: *Dr. Seena M. Mathai*

Witness2: *Dr. G. Geethika*

Witness3: *Asha Baby Mathews*

Witness4: *Lijo Rajan*



# PLANatEarth

Phone: 0484 2604181  
Mobile: 9746474185/81/88  
info@planatearth.org  
fb.com/planatearth.kochi  
planatearth.org

23/09/2023

To  
UC COLLEGE  
ALUVA

We have collected Carton and white paper from UC College Aluva details mentioned below.  
Collected carton sent for recycling, in return Planatearth is giving A4 size paper

DATE	Weight
05/09/2023	220.45
Total	220.45

In return 4 packets of fresh A4 size paper given to the company ON 23.09.23, Please Acknowledge

For  
Planatearth

Akshay Raveendran



PlanatEarth, XII/457 A, PO No 622, UC College PO Near Kolbe Ashram,  
Aluva, Kochi - 683 102.

Registration Number: ER-313/09

Registered as a charitable society under the Travancore-Cochin  
Charitable Societies Act - 1955

Kerala State Pollution Control Board approved Establishment.





**plan@earth**  
INDIA

Near Kolbe Ashram, XII/457A,  
U.C.College P.O, ALUVA,  
Kerala, 683102  
9746474181  
[www.planatearth.org](http://www.planatearth.org)

To

The Principal

UC College, Aluva

Dear Sir,

**Sub: Recycling of Paper Waste from Departments of the College**

Plan@Earth is a non-rpofit that has been working in the field of waste management and recycling for the past 13 years. We help intitutions aim for zero waste and certify recycling activities.

The paper that is collected from institutions goes straight for recycling. Confidential papers can be securely budled in the presence of our officer and we can issue a Confidentiality Certificate stating that the paper is being sent for pulping upon our guarantee.

The transaction system we follow is as follows.

When paper accumulates, and we are informed, we will send our vehicle for pick up. Paper is weighed using an electronic balance and the wieght is given as a record to the institution. The institution is compensated with value of A4 size paper of value as given below (whch can vary according to market rates)

White Paper : Rs 16per kilo

Newspaper : Rs 15 per kilo

Magazine : Rs 8 per kilo

The department may handover plastic waste (if any) for recycling but it has to be clean and free from food residue. For removal of plastic waste, there is a removal fee of Rs 50 oer sack payable to Plan@Earth as the amount approved by the government.

Regards,

Sooraj Abraham Secretary, Planatearth

9846144806



UC COLLEGE PAPER COLLECTION REPORT 10.03.23				
SL NO	DEPARTMENT	QUANTITY	AMOUNT	NO OF PACKETS
1	OFFICE	288.9	2574	9 packets
2	EXAM ROOM	0	0	
3	H QUARTERS	0	0	
4	HOSTEL	0	0	
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
	Total	288.9	2574	0

Note: we will deliver 42 packts of a4 Size paper inreturn , Per packet rate is Rs 295/-



Received *[Signature]*

R. V. AMOL K C  
plm @ Bartha

UC COLLEGE PAPER COLLECTION REPORT 10.03.23				
SL NO	DEPARTMENT	QUANTITY	AMOUNT	NO OF PACKETS
1	OFFICE	288.9	2574	9 packets
2	EXAM ROOM	0	0	
3	H QUARTERS	0	0	
4	HOSTEL	0	0	
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
	<b>Total</b>	<b>288.9</b>	<b>2574</b>	<b>0</b>

Note: we will deliver 42 packts of a4 Size paper inreturn , Per packet rate is Rs 295/-



Received *[Signature]*  
 R. V. MOH. K. C.  
 Dean @ Earth



UC COLLEGE PAPER COLLECTION DETAILS

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
OFFICE	PAPER	628	12	7536
	CARTON	0	8	0
	PLASTIC	0	0	0
<b>TOTAL</b>		<b>628</b>		<b>7536</b>

536/295= 26 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
EXAM ROOM	PAPER	343	12	4116
	CARTON	71.6	6	429.6
	PLASTIC	34.75	0	0
<b>TOTAL</b>		<b>449.35</b>		<b>4545.6</b>

1545/295=16 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
H QUARTERS	PAPER	0	12	0
	CARTON	0	8	0
	PLASTIC	41	0	0
	E WASTE	26	0	0
	GLASS	8	0	0
<b>TOTAL</b>		<b>75</b>		<b>0</b>

0/295= 0 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
HOSTEL	PAPER	0	12	0
	CARTON	27	8	216
	PLASTIC	82	0	0
PLASTIC REMOVAL CHARGE BALNCED				
<b>TOTAL</b>		<b>109</b>		<b>216</b>

216/295= 0 packet

Plar@Eath

23/02/2023

me

UC COLLEGE PAPER COLLECTION REPORT 12TH & 24TH JANUARY 2023				
SL NO	DEPARTMENT	QUANTITY	AMOUNT	NO OF PACKETS
1	OFFICE	628	7536	26
2	EXAM ROOM	449	4545	16
3	H QUARTERS	75	0	0
4	HOSTEL	109	216	0
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
	<b>Total</b>	<b>1261</b>	<b>12297</b>	<b>42</b>

Note: we will deliver 42 packts of a4 Size paper inreturn , Per packet rate is Rs 295/-

Plan@Earth

23/02/2023

Nofu



UC COLLEGE PAPER COLLECTION REPORT 23RD & 24TH AUGUST 2022				
SL NO	DEPARTMENT	QUANTITY	AMOUNT	NO OF PACKETS
1	Examination	118	1184	4 ✓
2	Hindi	101	1616	6 - 3 ✓
3	English	80	1280	5 ✓
4	Chemistry	20	320	1 ✓
5	Bio Science	330	5264	19 - 14 (5) ✓
6	Physics	82	1296	5 ✓
7	Dtp	15	240	1 ✓
8	Maths	21	336	1 ✓
9	Malayalam	0.65	10	0
10	NCC	0.65	0	0
11	computer	3	48	0
12	B com	57	912	3 ✓
13	zoology	3	48	0
14	Psychology	175	2800	10 - 5 ✓
	Total	1006.3	15354	55

Note: we will deliver 55 packts of a4 Size paper inreturn , Per packet rate is Rs 275/-

*Received  
for  
payment of 55 packets*



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

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
EXAMINATION	PAPER	31	16	496
	CARTON	86	8	688
	PLASTIC	1.4	0	0
TOTAL		118.4		1184

1184/275= 4 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
HINDI	PAPER	101	16	1616
	CARTON	0	8	0
	PLASTIC	0	0	0
TOTAL		101		1616

1616/275=6 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
ENGLISH	PAPER	80	16	1280
	CARTON	0	8	0
	PLASTIC	0.5	0	0
TOTAL		80.5		1280

1280/275= 5 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
CHEMISTRY	PAPER	20	16	320
	CARTON	0	8	0
	PLASTIC	0	0	0
TOTAL		20		320

320/ 275= 1 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
BIO SCIENCE	PAPER	329	16	5264
	CARTON	0	8	0
	PLASTIC	1.15	0	0
TOTAL		330.15		5264

5264/275= 19 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
PHYSICS	PAPER	80	16	1280
	CARTON	2	8	16
	PLASTIC	0	0	0
TOTAL		82		1296

1296/275= 5 packet

DEPARTMENT	ITEM	QUANTITY	RATE	AMOUNT
DTP	PAPER	15	16	240
	CARTON	0	8	0
	PLASTIC	0	0	0
TOTAL		15		240

240/275= 1 packet



*Received  
for  
Plan @ Earth*

Dr. M. J. P. P. P. P.  
Principal in Charge  
Mission Christian College





കേരളം KERALA

DM 712363

## MEMORANDUM OF UNDERSTANDING

The **MEMORANDUM OF UNDERSTANDING**

Entered in to between the

**CENTRE FOR SOCIO – ECONOMIC AND ENVIRONMENTAL STUDIES,**

**KOCHI**

And

**UNION CHRISTIAN COLLEGE ALUVA**

Provide as follows:

This **Memorandum of Understanding (MoU)** is made on this 26<sup>th</sup> day of October 2022 between **CENTRE FOR SOCIO – ECONOMIC AND ENVIRONMENTAL STUDIES, PADIVATTOM KOCHI, ERNAKULAM (Reg.No.ER149/96)**, (hereinafter referred to as **CSES/1<sup>st</sup> party**) & **UNION CHRISTIAN COLLEGE, UCC P.O., ALUVA**, (hereinafter referred to as **uc college/2<sup>nd</sup> party**) affiliated to Mahatma Gandhi University, Kottayam

Rs. 665 Date 21.10.22

Rs. 665

CS ES

To be linked with J No: N H. B. - pass.

R. AYYAPPA MENON  
STAMP VENDOR  
EDAPPALLY

padivattom.





## PURPOSE AND SCOPE

The Director, CSES, Padivattom Kochi, Ernakulam, an independent, non-profit, non-governmental organisation, promoting policy and action oriented research, consultancy and training programmes has proposed an intention of furthering cooperation with Union Christian College, Aluva, in academic, social research and extension activities. They have affirmed their intention to promote such academic exchange which will be of mutual benefit for both parties as per the below mentioned terms and conditions;

1. RECOGNISING the mutual interest in academic cooperation in dissemination of knowledge in research methods, field work and extension activities, the two parties, on a long-term basis HEREBY agree to establish and pursue collaborative initiatives of mutual interest on a basis of equality and reciprocity.
2. WHEREAS both parties have many areas of common interest, both parties acknowledge that considerable benefits may be gained by faculty, students and the institutions at large from the pursuit of academic interactions of the nature as listed hereunder.
3. The two parties shall seek to promote:
  - a) Development of mutually beneficial academic and other training programs for students, teachers and other stakeholders, including invited lectures and workshops/conferences.
  - b) Development and enhancing of research skills through conducting quantitative/ qualitative field work and data analysis training programs for students and teachers of UC college
  - c) Extension activities of the students of UC college through consultancy and training. Extension activities would include need identification of the people of a selected Panchayat/ Municipality through suitable methodologies as well as giving awareness on different topics like the various government schemes, digital literacy and so forth.
  - d) Reciprocal assistance for invited lectures and seminars
  - e) Research internships for students



- f) Coordination of such activities as joint research;
- g) Exchange of documentation and research materials in the fields of mutual interests and transfer of concepts and ideas
- h) Fostering social consciousness among the students;

4. Details of the implementation of any particular exchange resulting from this Memorandum of Understanding shall be negotiated between the two parties as such specific case may arise, and is subject to availability of sufficient funds.

5. Nothing in this Memorandum shall be construed as creating any legal relationship between the parties. This Memorandum is a statement of intent to foster genuine and mutually beneficial academic collaboration.

6. Negotiation, implementation and operation of the MoU falls under the responsibility of the Principal of UC College, Aluva and the Director of CSES, Kochi. Issues about specific activities including rights and obligations of each party shall be notified or communicated to the offices mentioned above. In case, there be a dispute relating to any aspect of academic cooperation, the Principal of UC College, Aluva and the Director of CSES, Kochi, will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

7. The Principal of UC College, Aluva shall nominate Department of Economics, UC College to coordinate the activities envisaged in the Memorandum of Understanding from time to time.




8. This Memorandum of Understanding to promote academic exchange and cooperation will be valid for **five years** and is subject to revision, renewal or cancellation by mutual consent and shall be implemented in the form of Memorandum of Agreement which explain in detail the rights and obligations of each party.

9. MODIFICATION / TERMINATION: This MOU may be modified, altered, revised, extended or renewed by mutual written consent of both the parties, by the issuance of written amendment signed and dated by both the parties. Either party to this MOU

may terminate their participation in this MOU by providing reasonable request of termination and subsequent written concurrence of the other. 30 (Thirty) days written notice is necessary to terminate the MOU by either of the parties.

This Memorandum of Understanding becomes effective upon completion of signature.

In WITNESS, therefore, the parties have hereunto set their respective signatures on this date.

<p><b>For CSES, Kochi</b></p> <p></p> <p><b>Dr. Ajith Kumar</b> Director Centre for Socio-Economic and Environmental Studies, Padivattom, Kochi, Ernakulam</p> <p></p> <p><b>Mr. Krishnakumar</b> Senior Fellow Centre for Socio-Economic and Environmental Studies, Padivattom, Kochi, Ernakulam</p>	<p><b>For UNION CHRISTIAN COLLEGE,</b></p> <p></p> <p><b>Dr M. I. Punnoose</b> Principal Union Christian College, Aluva Ernakulam</p> <p><b>Dr. M. I. Punnoose</b> Principal In Charge U. C. College Aluva</p>
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Signature of Witness 1: Rathee

Name: Rathee Timothy Position: Fellow

Organization: CSES



Signature of Witness 2: Ann

Name: Dr. Ann George Position: Head Department of Economics

Organization: Union Christian College, Aluva

Date of Execution: 26<sup>th</sup> day of October 2022

This agreement is made in two original copies and each copy is with one party respectively.



## **Report of the MoU with Centre for Socio-Economic and Environmental Studies and Union Christian College (Department of Economics)**

MOU of Union Christian College, Department of Economics with Centre for socio-economic and environment studies, Kochi was signed on 26<sup>th</sup> October 2022, for academic, social research and extension activities for a period of 5 years. Centre for socio-economic and environment studies, Kochi is a leading think tank/ research organisation on socio-economic topics in Kerala located in Kochi. The MOU was signed with the objective of guiding and training students for carrying out research and extension activity.

### **Report and Proof of Activity**

Round table discussion of scholars of CSES was held with students of Economics for an extension activity on 25<sup>th</sup> February 2023. The extension activity was a study on Shut down of shops and enterprises in Aluva Municipality. Students were given guidance by CSES faculty on how to carry out the study. Four students present for the discussion are:

- 1) Aravind Krishnan (2020-23 batch)
- 2) Saniya V S (2020-23 batch)
- 3) Georgy Jose Cherian (2020-23 batch)
- 4) Lakshmi Ashokan (2020-23 batch)

The questionnaire prepared by the students were modified based on the expert guidance given by staff at CSES. Proof is attached below.





## Outcome of the activity

Four students who took part in the round table discussion received advice and guidance on questionnaire framing and improvement from experts who have more than twenty-five years of research experience on various topics related to Kerala. Following this, the students carried out an extensive survey on shops and establishments in Aluva to find out the extent of shut down of shops due to Covid pandemic.